

Statement of Interest & Qualifications

Routine Engineering Services for Streets Projects in Jefferson Parish Resolution No. 144319

Presented To:



July 16, 2024

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(Prime Consultant)

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(Subconsultant: Surveying)

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6. IMC CONSULTING ENGINEERS, INC.

(Subconsultant: Roadway Lighting)

- TEC Professional Services Questionnaire

1. N-Y TEAM INTRODUCTION

Cover Letter and Project Organization Chart



Reply to Metairie Office

MICHAEL F. NICOLADIS
CONSTANTINE F. NICOLADIS, P.E.
JAMES E. SIMMONS, P.E.
MICHAEL G. BUISSON, JR., ARCHITECT, AIA
BRUCE J. RICHARDS, AICP, PTP
KRISTIN H. PEARCE, CPA, MBA

PRESIDENT
SENIOR VICE PRESIDENT
VICE PRESIDENT
VICE PRESIDENT
VICE PRESIDENT
VICE PRESIDENT

FRANK NICOLADIS, P.E. CHAIRMAN, FOUNDER

ESTABLISHED 1969

July 16, 2024

Jefferson Parish Council
c/o Mark Buttery, Purchasing Specialist II
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053

**Re: Routine Engineering Services for Streets Projects in Jefferson Parish
Resolution No. 144319**

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide routine engineering services for streets projects in Jefferson Parish for a two-year period.

BACKGROUND:

Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is actually a fifty-five (55) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969. Our staff includes civil, hydraulic and structural engineers; project managers; urban planners; construction inspectors and technical support personnel, each of whom offers relevant experience providing professional services on street and infrastructure projects throughout the Parish.

N-Y has worked extensively throughout Jefferson Parish since its inception. Our public agency clients include the Parish, the Jefferson Parish Sheriff's Office, the Jefferson Parish School Board, the City of Kenner, LADOTD, and the Regional Planning Commission. This longevity of experience has provided N-Y with extensive knowledge of the design criteria, system of approvals, and construction methods unique to streets and infrastructure in this area.

TEAM:

James E. Simmons, PE, a Vice President and Civil Engineer, will serve as Project Manager. He has forty-seven (47) years of related experience in the planning, design and construction engineering of roadway and highway projects. Mr. Simmons has served as Project Manager on all of N-Y's Jefferson Parish and LADOTD roadway and highway projects, including: West Napoleon Avenue (Houma Boulevard to Cleary Avenue); Destrehan Avenue, Phases I and II, from Lapalco Boulevard to the Westbank Expressway; West Esplanade Avenue (Bonnabel Boulevard to Lake Avenue); and Veterans Boulevard (Roosevelt Boulevard to Power Boulevard).

Mr. Simmons will be supported by a team of senior engineers and engineering technicians with over twenty (20) years average experience including Constantine Nicoladis, PE; Fred Mortali, PE; Neil Logan, PE; William Haensel, PE, PLS; Patricia Claverie, EI, MS; and Dennis Voss, NICET. Most of these professionals have been with N-Y over twenty (20) years and have successfully completed many roadway and drainage projects throughout Jefferson Parish.



To supplement our in-house staff, we will utilize the following subconsultant firms, each of which have extensive experience working with N-Y and in Jefferson Parish.

- BFM Corporation, LLC will provide all required topographic surveying.
- Gulf South Engineering and Testing, Inc. will provide all required geotechnical engineering services.
- Urban Systems, Inc. will provide all required traffic engineering services.
- IMC Consulting Engineers, Inc. will provide all required roadway lighting services.

The N-Y Team Organization Chart is provided following this cover letter.

CONCLUSION:

Should we be selected, **Frank Nicoladis** and I will ensure that the resources of N-Y and our subconsultants are efficiently utilized to provide you with excellent service, that your project's schedule and budget are met, and that N-Y's quality control plan is properly implemented.

The N-Y Team offers a proven combination of specialized local experience, technical competence, capacity, and record of past performance that will provide Jefferson Parish the best possible value for these projects. We look forward to a favorable review of our qualifications.

Sincerely,
N-Y ASSOCIATES, INC.



Michael F. Nicoladis
President

N-Y TEAM ORGANIZATION CHART



Routine Engineering Services for Streets Projects
in Jefferson Parish
Resolution No. 144319

Principals / Project Oversight

N-Y Associates, Inc.

Frank Nicoladis, PE
Michael F. Nicoladis, EI, MBA

Project Management

N-Y Associates, Inc.

James E. Simmons, PE – Project Manager

Topographic Surveying

BFM Corporation, LLC

Ralph Fontcuberta, Jr., PLS
Gary Lambert, PLS
John Thayer, Field Operations
Chris Lemley, Crew Chief

Roadway, Bridges and Drainage

N-Y Associates, Inc.

Constantine F. Nicoladis, PE
Fred Mortali, PE
William Haensel, PE, PLS
Neil Logan, PE
Patricia Claverie, EI, MS
Dennis Voss, NICET

Traffic Engineering

Urban Systems, Inc.

Alison Catarella-Michel, PE, PTOE
Nicole Stewart, PE, PTOE
Christine M. Darrah, PE
Matthew H. Morgan, PE

Geotechnical Engineering

Gulf South Engineering and Testing, Inc.

Chad Poche, PE
Bryson S. Beard, EI
Joseph Binder, III
Eric A. Paille, CET, ACI

Resident Inspection

N-Y Associates, Inc.

Stanley Mitchell, QAR
Johnny Thompson, QAR

Roadway Lighting

IMC Consulting Engineers, Inc.

Richard Nichols, PE
Paul Vlosich, PE

2. N-Y ASSOCIATES, INC.

(Prime Consultant)

TEC Professional Services Questionnaire

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

A.	Project Name and Advertisement Resolution Number: Routine Engineering Services for Streets Projects in Jefferson Parish Resolution No. 144319																																																																						
B.	Firm Name & Address: N-Y Associates, Inc. 2750 Lake Villa Drive Metairie, LA 70002																																																																						
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 <table style="width: 100%;"> <tr> <td style="width: 50%;"> Frank Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 fnicoladis@n-yassociates.com </td> <td style="width: 50%;"> Constantine F. Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 cnicoladis@n-yassociates.com </td> </tr> </table>					Frank Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 fnicoladis@n-yassociates.com	Constantine F. Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 cnicoladis@n-yassociates.com																																																																
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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. James E. Simmons, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 jsimmons@n-yassociates.com																																																																						
E.	Please provide the number of employees whose primary function corresponds with each category: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 5%; text-align: center;">2</td> <td style="width: 35%;">Administrative</td> <td style="width: 5%; text-align: center;">*</td> <td style="width: 35%;">Estimators</td> <td style="width: 5%; text-align: center;">**</td> <td style="width: 20%;">Specification Writers</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Architects (Licensed)</td> <td style="text-align: center;">--</td> <td>Geologists</td> <td style="text-align: center;">4</td> <td>Structural Engineers</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Chemical Engineers</td> <td style="text-align: center;">--</td> <td>Geotechnical Engineers</td> <td style="text-align: center;">--</td> <td>Graduate Engineers</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Civil Engineers</td> <td style="text-align: center;">--</td> <td>Interior Designers</td> <td style="text-align: center;">--</td> <td>Project Managers</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Construction Inspectors</td> <td style="text-align: center;">--</td> <td>Landscape Architects</td> <td style="text-align: center;">--</td> <td>Clerical</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Ecologists</td> <td style="text-align: center;">--</td> <td>Land Surveyor</td> <td style="text-align: center;">--</td> <td>Grant/Funding Specialist</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Electrical Engineers</td> <td style="text-align: center;">--</td> <td>Mechanical Engineers</td> <td style="text-align: center;">***</td> <td>Sanitary Engineers</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Engineer Intern (Civil)</td> <td style="text-align: center;">--</td> <td>Environmental Engineers</td> <td style="text-align: center;">****</td> <td>Transportation Engineers</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Professional Land Surveyors</td> <td style="text-align: center;">1</td> <td>Planners Urban/Regional</td> <td style="text-align: center;">2</td> <td>CAD Operators</td> </tr> <tr> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;">1</td> <td>Eng. Technicians (Civil)</td> </tr> <tr> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;">24</td> <td>TOTAL</td> </tr> </table> <div style="margin-top: 10px;"> <p>* N-Y senior technical personnel prepare estimates.</p> <p>** N-Y senior technical personnel write specifications.</p> <p>*** N-Y Sanitary Engineers are included in Civil Engineers.</p> <p>**** N-Y Transportation Engineers are included in Civil and Structural Engineers</p> </div>					2	Administrative	*	Estimators	**	Specification Writers	4	Architects (Licensed)	--	Geologists	4	Structural Engineers	--	Chemical Engineers	--	Geotechnical Engineers	--	Graduate Engineers	5	Civil Engineers	--	Interior Designers	--	Project Managers	3	Construction Inspectors	--	Landscape Architects	--	Clerical	--	Ecologists	--	Land Surveyor	--	Grant/Funding Specialist	--	Electrical Engineers	--	Mechanical Engineers	***	Sanitary Engineers	2	Engineer Intern (Civil)	--	Environmental Engineers	****	Transportation Engineers	--	Professional Land Surveyors	1	Planners Urban/Regional	2	CAD Operators					1	Eng. Technicians (Civil)					24	TOTAL
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F.	Is this submittal by a JOINT-VENTURE? Please check: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If marked "No" skip to Section I. If marked "yes" complete Sections G-H.																																																																						

G.	If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary. N/A		
H.	Has this JOINT-VENTURE previously worked together? Please check: YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
I.	List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u> , 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 and Address:	Specialty:	Worked with Firm Before (Yes or No):
1.	BFM Corporation, LLC 15 Veterans Memorial Boulevard Kenner, LA 70062	Topographic Surveying	Yes
2.	Gulf South Engineering and Testing, Inc. 15 Veterans Memorial Boulevard Kenner, LA 70062	Geotechnical Engineering	Yes
3.	Urban Systems, Inc. 2000 Tulane Avenue, Suite 200 New Orleans, LA 70112	Traffic Engineering	Yes
4.	IMC Consulting Engineers, Inc. 3120 20th Street Metairie, LA 70002	Roadway Lighting	Yes
J.	Please specify the total number of support personnel that may assist in the completion of this Project: <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;">14</div>		

K. List the professional in charge, key persons, specialists, & 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:

James E. Simmons, PE - Vice President

Project Assignment:

Project Manager / Senior Civil and Structural Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

30 Years

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1977/Louisiana State University/Civil Engineering

Active registration: Year first registered/discipline:

LA (19891)/1981/Civil Engineering

MS (10842)/1990/Civil Engineering

TX (134194)/2019/Civil Engineering

FL (39890)/1988/Civil Engineering

NY (094047)/2014/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Simmons has 47 years of progressively responsible civil engineering experience. His extensive experience includes roadways and bridges, drainage systems such as canals and pumping stations, and flood and surge control projects. He is responsible for managing these types of projects for the firm and is also responsible for the firm's transportation and structural engineering practice.

Roadway and Drainage Projects:

Metairie Road Smart Growth; Jefferson Parish, LA: Smart Growth items of work including lane reduction to permit more room for pedestrians and vehicle parking, wider sidewalks, demarcation of sidewalk with colored pavers, adding high-visibility crosswalks, new ADA compliant curb ramps, and the use of pervious concrete for non-travel lanes to reduce stormwater runoff.

Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage, along with adjacent concrete sidewalks.

Improvements to West Esplanade Avenue from Bonabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.

Improvements to West Napoleon Avenue from Cleary Avenue to Houma Blvd.; Jefferson Parish, LA: A new 2250 LF 4-lane, urban roadway; which included a 13.5'h x 40'w, double barrel, 195' long box culvert at the Suburban Drainage Canal, tie-ins to existing streets, curb & gutter and subsurface drainage. A 2200 LF concrete flume canal section with a bottom width of 30' and a capacity of 3,000 CFS was also constructed in Canal No. 4.

Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA: Phase I consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. Phase II consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.

ARFF Perimeter Road, Stages 2 & 3, at Louis Armstrong New Orleans International Airport; Kenner, LA: Stage 2 consisted of a 4660 LF roadway with a 4300 LF segment composed of P.C.C. with a 6" crushed limestone base course on a sand embankment with a geotextile fabric; and a 346 LF segment composed of 4" flexible asphalt pavement on a stone base course. Stage 3 consisted of a 9000 LF roadway with a 7700 LF segment composed of 4" flexible asphalt pavement over an 8" stone base course.

Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway; New Orleans, LA: Widening 7900 LF of roadway from two, 10' lanes to two 11' lanes with 4' shoulders and raising a portion of roadway to minimize potential periodic flooding.

Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: N-Y provided preliminary design from West Napoleon Ave. to Veterans Blvd., which included a hydraulic analysis to determine water surface elevations and geotechnical studies to determine slope stability. N-Y prepared preliminary plans for 3 box culverts at Interstate 10, measuring 11' x 20' feet each; 4 box culverts at Veterans Boulevard, measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS and a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.



Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.

Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.

\$55 million Jefferson Avenue Canal I, from South Claiborne Avenue to Dryades Street, for the Sewerage and Water Board of New Orleans (SELA Project): Drainage improvements to the Jefferson Avenue Covered Canal I consisting of a 4400 LF covered reinforced concrete canal along Jefferson Avenue including roadway replacements and major utility relocations.

\$25 million Claiborne Avenue Manifold Canal, from LA Avenue to Jena Street for the Sewerage and Water Board of New Orleans. (SELA Project): A single-barrel, 10'h x 24'w concrete box culvert from Jena St. to the west and a single barrel 10' h x 14' w concrete box culvert from Louisiana Avenue to the east, with a capacity of approx. 2000 CFS placed in the median of S. Claiborne Avenue (US 90) and extending approx. 2500 LF.

Highway and Bridge Projects:

Comite River Diversion Project – US Highway 61 and Kansas City Southern Railway Bridges; East Baton Rouge, Parish, LA: A new railway bridge and shoofly, new northbound and southbound highway bridges for the US Highway 61 crossing and completion of accompanying bypass road, all required pile load tests for the bridges, a portion of diversion project discharge channel, the relocation of Barnett Road, and all required area drainage.

New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA: A new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels.

LA 1088 Interchange, Route I-12; St. Tammany Parish, LA: The addition of a fully directional interchange to I-12 at LA 1088 which included widening 6585 LF of LA 1088 from a 2-lane roadway to a 4-lane divided roadway with 30' depressed median; 8648 LF of single lane ramps; New 446 LF westbound 2-lane bridge; and drainage which included 24", 36", 42", 54" 60" and 72" diameter reinforced concrete arch pipes.

Causeway Blvd. / Earhart Expressway Interchange, Route LA 3139; Jefferson Parish, LA: Engineering, environmental, and planning services required for preparation of a Feasibility Study & Environmental Inventory (including line and grade), for this proposed interchange. Both routes are on the National Highway System (NHS). Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. The final, two build alternatives were evaluated by N-Y in an Environmental Assessment.

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans and St. Charles Parishes, LA: The project consisted of identifying transit and highway alternatives within the area bounded by I-310, the New Orleans Union Passenger Terminal, I-10 and the Mississippi River within the metropolitan New Orleans area. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six and eight lanes with four lane service roads). (subconsultant)

Hooper Road Extension (LA 408); East Baton Rouge and Livingston Parishes, LA: A Stage 1 Environmental Assessment (including Concept Engineering Design) for improvements and extension of Hooper Road (LA 408) in order to create a new four-lane corridor stretching from LA 16 to I-110 that will help outlying areas access downtown Baton Rouge.

LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment; Plaquemines Parish, LA: The reconstruction of the existing two-lane roadway to an new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

Memberships & Associations:

- American Society of Civil Engineers
- Society of American Military Engineers
- American Concrete Institute

LICENSURE: JAMES SIMMONS, PE



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

Mr. James E. Simmons

License/Certificate Type - Number
PE.0019891

Expiration Date
09/30/2025

Status: **Active**

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Mississippi

This Certificate of Participation
is presented to

Jim Simmons

for participating in the following sessions at the
2014 ACEC-MS/NSBA Steel Bridge Forum

Topics on Steel Girder Design

Constructability and Availability Considerations for Steel Bridges

Virtual Fabrication Shop Tour

Bolted Splice Design

Effect of skewed Supports on Steel I girder Bridge Behavior

Advanced Fabrication Processes

At the Mississippi ABC Building, Pearl MS
August 28, 2014

The Mississippi Board of Registration for Professional Engineers and Land Surveyors (BORS) has established the formal Professional Development Hour (PDH) in the requirements for license renewal. Seminars within this meeting conform to the rules established by the BORS, and in consequence, should qualify for a formal 6.5 PDH credits.

James Nelson

James Nelson
President, ACEC/MS

Judy Adams

Judy Adams
Executive Director, ACEC/MS



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Technician
Training Course

9/5/2023 to 9/5/2027
Training Valid Through

Baton Rouge, LA
Location

James E. Simmons
Vice President of Education and Technical Services
Shawn Tischer
President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Supervisor
Training Course

9/5/2023 to 9/5/2027
Training Valid Through

Baton Rouge, LA
Location

James E. Simmons
Vice President of Education and Technical Services
Shawn Tischer
President, CEO

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



American Traffic Safety Services Association ATSSA.com



National Highway Institute Certificate of Training

James E. Simmons

has participated in
NEPA and Transportation Decision Making

hosted by
LADOTD / LTRC

Location: Baton Rouge, LA

Hours of instruction: 18

Date: August 31 - September 2, 2004

Michael J. A. Granger
Instructor

Morgan Ryals
Director, National Highway Institute
Federal Highway Administration

William M. Offenberg
Coordinator

William M. Offenberg
Director, Office of Professional Development
Federal Highway Administration



Certificate of Attendance

Local Public Agency Qualification Program
Project Design & Delivery: Developing an LPA Project for Bidding Module
PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
And
The Federal Highway Administration

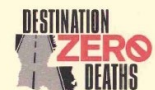
TO CERTIFY THAT

Jim Simmons

HAS SATISFACTORILY COMPLETED 7 HOURS OF TRAINING

John A. Smith
Director of Local Public

February 24, 2015
Date
New Orleans, Louisiana



This certificate of training is presented to

JAMES SIMMONS

In Recognition of Attending

Highway Safety Manual Workshop

Baton Rouge, Louisiana


Elizabeth Wemple, PE

18.0 Professional Development Hours

Nov 30 - Dec 2, 2011

Eric Tang
Instructor

Date

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:		
Name & Title:		
Frank Nicoladis, PE – Chairman / Founder		
Project Assignment:		
Principal and Project Oversight / Civil Engineer		
Name of Firm with which associated:		
N-Y Associates, Inc.		
Years' experience with this Firm:		
55 Years		
Education: Degree(s)/Year/Specialization:		
Bachelor of Science/1957/Mississippi State University/Civil Engineering		
Active registration: Year first registered/discipline:		
LA (5924)/1957/Civil Engineering	MS (2468)/1961/Civil Engineering	TX (32329)/1971/Civil Engineering
FL (36371)/1985/Civil Engineering	AR (3373)/1972/Civil Engineering	LA (2862)/1957/Surveying (retired)
Other experience and qualifications relevant to the proposed Project:		
<p>Mr. Nicoladis has 67 years of experience as a consulting engineer, over 50 years as President of N-Y. Mr. Nicoladis has served as a Principal-in-Charge for many N-Y projects undertaken for public agencies at the federal, state and local levels. His role is to ensure that the client's expectations of the firm are fully achieved, that projects are adequately staffed, that the firm's quality control standards are adhered to during the design process and that the client's schedule and budget are met.</p>		
<div> <div> Roadway and Drainage Projects: </div> <div> <p>Metairie Road Smart Growth; Jefferson Parish, LA: Smart Growth items of work including lane reduction to permit more room for pedestrians and vehicle parking, wider sidewalks, demarcation of sidewalk with colored pavers, adding high-visibility crosswalks, new ADA compliant curb ramps, and the use of pervious concrete for non-travel lanes to reduce stormwater runoff.</p> <p>Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA: Phase I consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. Phase II consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete.</p> <p>Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.</p> <p>Improvements to West Napoleon Avenue from Cleary Avenue to Houma Blvd.; Jefferson Parish, LA: A new 2250 LF 4-lane, urban roadway; which included a 13.5'h x 40'w, double barrel, 195' long box culvert at the Suburban Drainage Canal, tie-ins to existing streets, curb & gutter and subsurface drainage.</p> </div> </div>		
<p>Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage, along with adjacent concrete sidewalks.</p> <p>Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.</p> <p>Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.</p> <p>ARFF Perimeter Road, Stages 1, 2 & 3, at Louis Armstrong New Orleans International Airport; Kenner, LA: Stage 1: A 10,600 LF roadway on top of a reinforced box culvert. The box culvert enclosed approx. 6,300 LF of the Duncan Drainage Canal and consists of a 900 LF segment containing two 9' x 9' reinforced concrete box culverts and a 5,400 LF segment containing a double barrel, 11' h x 44' w reinforced concrete box culvert. Stage 2: A 4660 LF roadway with a 4300 LF segment composed of P.C.C. with a 6" crushed limestone base course on a sand embankment with a geotextile fabric; and a 346 LF segment composed of 4" flexible asphalt pavement on a stone base course. Stage 3: A 9000 LF roadway with a 7700 LF segment composed of 4" flexible asphalt pavement over an 8" stone base course.</p> <p>Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway; New Orleans, LA: Widening 7900 LF of roadway from two, 10' lanes to two 11' lanes with 4' shoulders and raising a portion of roadway to minimize potential periodic flooding.</p> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p>		

Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: N-Y prepared preliminary plans for 3 box culverts at Interstate 10, measuring 11' x 20' feet each; 4 box culverts at Veterans Boulevard, measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS and a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.

Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.

Royal Street from Caffin to Charbonnet; New Orleans, LA: Complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities.

North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA: New roadway pavement including curbs; base; subsurface utilities; and adjustments as required at driveways & intersecting streets.

St. Roch Neighborhood Infrastructure Improvements; New Orleans, LA: Design of FEMA funded roadway pavement with curbs, base, ADA ramps, sidewalks & driveways and adjustments to catch basins and manholes. The project included full or partial repairs to approx. 90,000 LF of streets with either asphalt or concrete pavement.

Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA: New roadway pavement and subsurface utilities, including drainage, water, and sanitary sewer.

Highway and Bridge Projects:

New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA: A new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels.

Comite River Diversion Project – US Highway 61 and Kansas City Southern Railway Bridges; East Baton Rouge, Parish, LA: A new railway bridge and shoofly, new northbound and southbound highway bridges for the US Highway 61 crossing and completion of accompanying bypass road, a portion of diversion project discharge channel, the relocation of Barnett Road, and all required area drainage.

LA 1088 Interchange, Route I-12; St. Tammany Parish, LA: Geometric Design Study (including engineering feasibility of alternatives), Environmental Assessment, Topographic Surveys, and Preliminary & Final Roadway and Bridge Plans for adding a fully directional interchange to I-12 at LA 1088.

Causeway Blvd. / Earhart Expressway Interchange, Route LA 3139; Jefferson Parish, LA: Engineering, environmental, and planning services required for preparation of a Feasibility Study & Environmental Inventory (including line and grade), for this proposed interchange. Both routes are on the National Highway System (NHS). Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. The final, two build alternatives were evaluated by N-Y in an Environmental Assessment.

LA Highway 23 (Happy Jack to N. Port Sulphur); Plaquemines Parish, LA: The reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans and St. Charles Parishes, LA: The identification of transit and highway alternatives within the area bounded by I-310, the New Orleans Union Passenger Terminal, I-10 and the Mississippi River within the metro New Orleans area. N-Y's work included development of Airline Hwy widening alternatives (six & eight lane) and new at-grade and elevated expressway alternatives (six & eight lanes w/ four lane service roads). (subconsultant)

Memberships & Associations:

- Fellow, Society of American Military Engineers
- Fellow/Life Member, American Society of Civil Engineers
- Fellow, American Council of Engineering Companies
- Life Member, American Waterworks Association
- Life Member, American Public Works Association
- Life Member, Louisiana Engineering Society
- Water Environment Federation
- National Society of Professional Engineers
- American Planning Association
- Who's Who in Engineering (AAES)
- Who's Who in the South and Southwest (Marquis)



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(LAPELS)

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Frank Nicoladis

License/Certificate Type - Number

PE.0005924


Expiration Date

03/31/2025

Status: **Active**



Jefferson
Parish
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Michael F. Nicoladis, EI, MBA - President	
Project Assignment:	
Principal / Project & Subconsultant Management	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
40 Years	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science/1982/Vanderbilt University/Civil Engineering (Magna Cum Laude)	
Master of Business Administration/1984/Duke University (Fuqua Scholar)	
Active registration: Year first registered/discipline:	
LA (8705)/1982/Engineering Intern	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Nicoladis has had a variety of design, construction administration and project management experience since joining the firm in 1984. As President, he is responsible for overseeing the daily operations and administration of N-Y. He is instrumental in new business development, contract negotiations, and scheduling of work. Mr. Nicoladis also serves as a Principal on many projects and plays a major role in overseeing the firm's client management program.</p> <p>Street and Roadway Projects:</p> <p>Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage, along with adjacent concrete sidewalks.</p> <p>Improvements to West Esplanade Avenue from Bonabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening of this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.</p> <p>Improvements to West Napoleon Avenue from Cleary Avenue to Houma Blvd.; Jefferson Parish, LA: A new 2250 LF 4-lane, urban roadway; which included a 13.5'h x 40'w, double barrel, 195' long box culvert at the Suburban Drainage Canal, tie-ins to existing streets, curb & gutter and subsurface drainage. A 2200 LF concrete flume canal section with a bottom width of 30' and a capacity of 3,000 CFS was also constructed in Canal No. 4.</p> <p>Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA: Phase I consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. Phase II consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.</p>	<p>Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA: Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements, due to damage sustained during Hurricane Katrina. N-Y is responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors.</p> <p>ARFF Perimeter Road, Stages 1, 2 & 3, at Louis Armstrong New Orleans International Airport; Kenner, LA: Stage 1: A 10,600 LF roadway on top of a reinforced box culvert. The box culvert enclosed approx. 6,300 LF of the Duncan Drainage Canal and consists of a 900 LF segment containing two 9' x 9' reinforced concrete box culverts and a 5,400 LF segment containing a double barrel, 11' h x 44' w reinforced concrete box culvert. Stage 2: A 4660 LF roadway with a 4300 LF segment composed of P.C.C. with a 6" crushed limestone base course on a sand embankment with a geotextile fabric; and a 346 LF segment composed of 4" flexible asphalt pavement on a stone base course. Stage 3: A 9000 LF roadway with a 7700 LF segment composed of 4" flexible asphalt pavement over an 8" stone base course.</p> <p>Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: Preliminary design from West Napoleon to Veterans Blvd., including a hydraulic analysis to determine water surface elevations & geotechnical studies to determine slope stability. Preliminary plans for 3 box culverts at Interstate 10, measuring 11' x 20' each; 4 box culverts at Veterans Boulevard, measuring 11' x 21' each; a concrete flume section with a bottom width of 40' & a design flow of 3,000 CFS and a concrete flume section with a bottom width of 74' & a design flow of 3,600 CFS.</p> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p> <p>Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway; New Orleans, LA: Widening 7900 LF of roadway from two, 10' lanes to two 11' lanes with 4' shoulders and raising a portion of roadway to minimize potential periodic flooding.</p>

Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.

\$55 million Jefferson Avenue Canal I, from South Claiborne Avenue to Dryades Street, for the Sewerage and Water Board of New Orleans (SELA Project): Drainage improvements to the Jefferson Avenue Covered Canal I in New Orleans. The work consists of a 4400 LF covered reinforced concrete canal along Jefferson Avenue including roadway replacements and major utility relocations.

\$25 million Claiborne Avenue Manifold Canal, from LA Avenue to Jena Street for the Sewerage and Water Board of New Orleans. (SELA Project): A single-barrel, 10'h x 24'w concrete box culvert from Jena St. to the west and a single barrel 10' h x 14' w concrete box culvert from Louisiana Avenue to the east, with a capacity of approx. 2000 CFS placed in the median of S. Claiborne Avenue (US 90) and extending approx. 2500 LF.

Desire Hope VI Revitalization; New Orleans, LA: Design Engineering for the redevelopment of an existing 98 acre public housing complex into a new residential neighborhood. N-Y was responsible for the engineering of all street infrastructure in the subdivision as well as public utilities, (water, fire protection, sewerage, and stormwater drainage including modeling of the drainage basin per LDOTD criteria).

Improvements to Press Drive; New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps and replacement of subsurface utilities.

Highway and Bridge Projects:

New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA: A new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels.

Comite River Diversion Project – US Highway 61 and Kansas City Southern Railway Bridges; East Baton Rouge, Parish, LA: A new railway bridge and shoofly, new northbound and southbound highway bridges for the US Highway 61 crossing and completion of accompanying bypass road, all required pile load tests for the bridges, a portion of diversion project discharge channel, the relocation of Barnett Road, and all required area drainage.

Causeway Blvd. / Earhart Expressway Interchange, Route LA 3139; Jefferson Parish, LA: Engineering, environmental, and planning services required for preparation of a Feasibility Study & Environmental Inventory (including line and grade), for this proposed interchange. Both routes are on the National Highway System (NHS). Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. The final, two build alternatives were evaluated by N-Y in an Environmental Assessment.

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans and St. Charles Parishes, LA: Environmental Impact Statement (EIS), including alignment studies & impact analysis of the build alternatives necessary to obtain a Record of Decision (ROD) for this multi-modal transit and highway corridor. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six & eight lanes with four lane service roads).

LA 1088 Interchange, Route I-12; St. Tammany Parish, LA: The addition of a fully directional interchange to I-12 at LA 1088 which included widening 6585 LF of LA 1088 from a 2-lane roadway to a 4-lane divided roadway with 30' depressed median; 8648 LF of single lane ramps; New 446 LF westbound 2-lane bridge; and drainage which included 24", 36", 42", 54" 60" and 72" reinforced concrete arch pipes.

LA Highway 23 (Happy Jack to N. Port Sulphur); Plaquemines Parish, LA: The reconstruction of the existing two-lane roadway to an new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

Memberships & Associations:

- American Society of Civil Engineers
- Society of American Military Engineers
- American Council of Engineering Companies
- American Public Works Association
- American Concrete Institute
- Tau Beta Pi
- Chi Epsilon
- Who's Who in America (Marquis)
- Who's Who in Science and Engineering (Marquis)
- Who's Who in Finance and Industry (Marquis)



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

Mr. Michael F. Nicoladis

License/Certificate Type - Number

EI.0008705


Expiration Date

09/30/2025

Status: **Active**



**Jefferson
Parish**
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:		
Name & Title:		
Constantine F. Nicoladis, PE – Senior Vice President		
Project Assignment:		
Senior Civil and Hydraulic Engineer		
Name of Firm with which associated:		
N-Y Associates, Inc.		
Years' experience with this Firm:		
37 Years		
Education: Degree(s)/Year/Specialization:		
Bachelor of Science/1985/Vanderbilt University/Civil and Environmental Engineering		
Master of Business Administration/1987/Loyola University		
Active registration: Year first registered/discipline:		
LA (27095)/1997/Civil Engineering	MS (13351)/1997/Civil Engineering	FL (052242)/1997/Civil Engineering
AL (22315)/1998/Civil Engineering	TX (92359)/2003/Civil Engineering	NY (094123)/2014/Civil Engineering
Other experience and qualifications relevant to the proposed Project:		
<p>Mr. Nicoladis has 37 years of civil and hydraulic experience with N-Y. He has extensive experience in various types of civil engineering projects including water, wastewater, storm drainage, flood control and street projects. His work includes the planning, design and construction of drainage and wastewater pump stations, force mains, and gravity lines along with water supply & treatment facilities and wastewater collection & treatment facilities.</p>		
<p>Roadway and Drainage Projects:</p> <p>Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.</p> <p>Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.</p> <p>Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.</p> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p> <p>Royal Street from Caffin to Charbonnet; New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; & replacement of subsurface utilities.</p> <p>North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA: New roadway pavement including curbs; base; subsurface utilities; and adjustments as required at driveways & intersecting streets.</p> <p>Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA: New roadway pavement and subsurface utilities, including drainage, water, and sanitary sewer.</p>		
<p>St. Roch Neighborhood Infrastructure Improvements; New Orleans, LA: FEMA funded roadway pavement including curbs, base, ADA ramps, sidewalks & driveways where required and adjustments to catch basins and manholes. The project included full or partial repairs to approx. 90,000 LF of streets with either asphalt or concrete pavement.</p> <p>Desire Street (N. Roman to Florida Avenue); New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities.</p> <p>Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.</p> <p>Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: Preliminary design from West Napoleon Ave. to Veterans Blvd., including a hydraulic analysis to determine water surface elevations and geotechnical studies to determine slope stability. N-Y prepared preliminary plans for 3 box culverts at Interstate 10, measuring 11' x 20' feet each; 4 box culverts at Veterans Boulevard, measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS and a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.</p> <p>Improvements to Press Drive; New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps and replacement of subsurface utilities.</p>		

LA 1085 (Bootlegger Road); St. Tammany Parish, LA: The replacement of the existing intersection of Bootlegger Road with Francis Road on the north and the newly completed Oschner Boulevard of the south with a single-lane roundabout. The project included relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.

Tyler Drive Improvements; Slidell, LA: Improvements to Tyler Drive, which included a new turning lane onto Gause Boulevard.

Project Manager for the \$55 million Jefferson Avenue Canal I, from South Claiborne Avenue to Dryades Street, for the Sewerage and Water Board of New Orleans (SELA Project): Drainage improvements to the Jefferson Avenue Covered Canal I consisting of a 4400 LF covered reinforced concrete canal along Jefferson Avenue including roadway replacements and major utility relocations.

Project Manager for \$25 million Claiborne Avenue Manifold Canal, from LA Avenue to Jena Street for the Sewerage and Water Board of New Orleans. (SELA Project): A single-barrel, 10'h x 24'w concrete box culvert from Jena St. to the west and a single barrel 10' h x 14' w concrete box culvert from Louisiana Avenue to the east, with a capacity of approx. 2000 CFS placed in the median of S. Claiborne Avenue (US 90) and extending approx. 2500 LF.

Highway and Bridge Projects:

LA 1088 Interchange, Route I-12; St. Tammany Parish, LA:

The addition of a fully directional interchange to I-12 at LA 1088 which included widening 6585 LF of LA 1088 from a 2-lane roadway to a 4-lane divided roadway with 30' depressed median; 8648 LF of single lane ramps; New 446 LF westbound 2-lane bridge; and drainage which included 24", 36", 42", 54" 60" and 72" diameter reinforced concrete arch pipes.

Causeway Blvd. / Earhart Expressway Interchange, Route LA 3139; Jefferson Parish, LA:

Feasibility Study & Environmental Inventory (including line and grade), for this proposed interchange. Both routes are on the National Highway System (NHS). Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. The final, two build alternatives were evaluated by N-Y in an Environmental Assessment.

Florida Avenue Bridge and Expressway; Orleans and St. Bernard Parishes, LA:

Preliminary and (70%) final plans for a 9000 LF high-level bridge over the IHNC at Florida Avenue, with a vertical clearance of 156' above high water and composed of pre-stressed concrete girder spans and composite steel spans, with reinforced concrete bents. The at-grade portion of the bridge included the design for reconstructing 3.92 miles of roadway, including P.C.C pavement and 11,177 LF of 6" to 36" reinforced concrete storm drainage pipe. The project also included the design for relocating 5127 LF of 6", 36" and 48" water lines and 3029 LF of 54" and 72" sewer force mains.

Memberships & Associations

- American Society of Civil Engineers
- Society of American Military Engineers
- Water Environment Federation
- American Concrete Institute
- American Council of Engineering Companies



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(LPELS)

9643 Brookline Avenue, Suite 121

Baton Rouge, LA 70809

Phone (225) 925-6291

www.lapels.com

Mr. Constantine Frank Nicoladis

License/Certificate Type - Number

PE.0027095

Expiration Date

09/30/2025

Status: **Active**

Jefferson
Parish
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Fred Charles Mortali, PE – Civil Engineer

Project Assignment:

Civil and Hydraulic Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

15 Years

Education: Degree(s)/Year/Specialization:

Bachelor of Civil Engineering/1989/University of Toledo/Civil Engineering

Active registration: Year first registered/discipline:

LA (35111)/2010/Civil Engineering MS (20103)/2011/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Mortali's 31 years of experience includes the design of various types of civil engineering projects including roadway, storm drainage, flood control, water, wastewater, and street projects, including particular expertise in drainage studies and H&H modeling.

Roadway and Drainage Projects:

Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA: Mr. Mortali was the Program Manager for the Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements. Mr. Mortali was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors.

Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.

Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities.

North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities. Also included is CIPP Lining of 2,550 LF of 8" sewer mains and 2,000 LF of 6" sewer house connections.

St. Roch Neighborhood Infrastructure Improvements; New Orleans, LA: FEMA funded roadway pavement including curbs, base, ADA ramps, sidewalks and driveways. The project included full or partial repairs to approx. 90,000 LF of streets with either asphalt or concrete pavement.

Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway; New Orleans, LA: Widening 7900 LF of roadway from two, 10' lanes to two 11' lanes with 4' shoulders and raising a portion of roadway to minimize potential periodic flooding.

1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling of existing conditions and proposed improvements utilizing the HEC-RAS Program of the following tributaries in the western area of St. Tammany Parish: East Bedico Creek, Tributary #3, Fox Run, Soap and Tallow Creek, and Black River. The proposed improvements will alleviate overland flooding and include enlarged culverts and bridge crossings and new detention ponds.

➤ With Other Firms

Causeway Bridge East Approach, Northshore; St. Tammany Parish, LA: The reconstruction of the Causeway Bridge East Approach including concrete pavement with asphalt overlay.

Causeway Bridge Northshore Service Road Access and Drainage; St. Tammany Parish, LA: The reconfiguration of the service road at the Causeway Bridge Toll Booths to allow for more efficient user access. This project included design for the service road, exit ramp, parking lot and drainage.

Causeway Bridge West Approach, Northshore; St. Tammany Parish, LA: This project included the reconfiguration of turning movements at Dalwill Drive, including U-turn lane to accommodate school buses and drainage design.

Highway and Bridge Projects:**➤ With Other Firms**


Ohio Department of Transportation; Bowling Green, OH: Roadway projects which included roadway upgrades, roadway relocations, safety grading, and determining roadway alignments; Drainage projects which included storm water drainage systems, over 60 culvert replacements, culvert extensions, ditch relocations and storm water pollution prevention plans; Structural projects which included reinforced concrete retaining walls, culverts and headwalls.

Memberships & Associations:

- American Society of Civil Engineers
- Society of American Military Engineers




LICENSURE/CERTIFICATIONS: FRED MORTALI, PE


	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Fred Charles Mortali	
License/Certificate Type - Number PE.0035111	Expiration Date 03/31/2026
Status: Active	

	
PROOF OF TRAINING THIS CERTIFICATE HEREBY RECOGNIZES THAT	
Fred Mortali has attended Louisiana Traffic Control Supervisor Refresher Training Course	
8/18/2023 to 8/18/2027 Training Valid Through	<i>Don H. Clark</i> Vice President of Education and Technical Services
New Orleans, LA Location	<i>Shawn Tereshko</i> President, CEO
<small>ATSSA provides training and certification but neither constitutes employment by ATSSA.</small>	
 American Traffic Safety Services Association ATSSA.com	

Certificate of Attendance	
presented to	
<i>Fred Mortali</i>	
for attending the	
Highway Safety Manual Workshop 20 Professional Development Hours	
<i>March 8-10, 2016</i>	
Baton Rouge, Louisiana	
<i>Val B. [Signature]</i> Authorized Instructor	
 LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT	

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
William Haensel, PE, PLS – Senior Civil Engineer	
Project Assignment:	
Senior Civil Engineer	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
3 Years / 53 years with Other Firms	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science / 1968 / Civil Engineering	
Master of Science Studies / 1968-1974 / Civil Engineering	
Active registration: Year first registered/discipline:	
LA (13375)/1972/Civil Engineering	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Haensel has over 50 years of experience including civil and structural engineering design of levees, floodwalls, drainage pumping stations, box culverts, building foundations and bridges. His experience also includes working for the USACE, New Orleans District in the channel stabilization branch where he was responsible for the engineering design and documentation of river revetments and shore protection for the Mississippi and Atchafalaya Rivers.</p> <p>Roadway & Drainage Experience:</p> <p>➤ With N-Y</p> <p>Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA: The replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.</p> <p>➤ With Other Firms</p> <p>Fleur de Lis Blvd. Reconstruction: Design and Program Management (Phases I, II, and III); New Orleans, LA: The project consisted of the complete reconstruction of 8,200 linear feet (1.5 miles) of major urban divided roadway. As required by FHWA, a NEPA environmental clearance was prepared, completed, and accepted by LADOTD and FHWA. Because the corridor was bounded by residential development, significant attention was given to pedestrian access, bike paths, and construction sequencing. The project required multiple LADOTD design exceptions because of physical constraints and preservation of trees.</p> <p>Savannah Drive; Jefferson Parish, LA: The design of new public roadways for access to newly developed property. A stormwater detention analysis was prepared for the street to determine pipe sizes. Design included approximately 850 linear feet of new 15" and 18" reinforced concrete drain lines to serve the area.</p>	<p>Henderson Street (Tchoupitoulas Street to Race Street); New Orleans, LA: The new 1,500 foot long, four lane divided roadway to serve the \$194 million Phase IV of the New Orleans Convention Center. The design included approximately 2,500 linear feet of 15", 18", 24", and 30" diameter reinforced concrete drainpipe, 10,250 square yards of Portland Cement concrete pavement, a new 16" diameter water main, and a new 12" diameter sanitary sewer main all to serve the convention center expansion.</p> <p>Wilson Avenue Improvements (Dwyer Road to US Hwy 90/Chef Menteur Highway); New Orleans, LA: The design and construction of 2,400 linear feet of roadway to replace an existing four lane divided Portland Cement concrete roadway. Design included new 15", 18", 24", and 30" diameter reinforced concrete drainpipe to upgrade the existing drainage collection system, and new sanitary sewer collection mains and water mains.</p> <p>West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA: A 5-mile urban aerial roadway which included a major drainage canal in an urbanized area.</p> <p>Hickory Ridge Lane and Ferriday Court; Jefferson Parish, LA: The new public roadway access to newly developed property. A stormwater detention analysis was prepared for the streets to determine drainage pipe sizes. Design included approximately 1,800 linear feet of new 15", 18", and 24" diameter reinforced concrete drainage pipe to serve the area. Additionally, new sanitary sewer lines and a community water distribution system was included in the design of the street.</p> <p>Memberships & Associations:</p> <ul style="list-style-type: none"> American Society of Civil Engineers Society of American Military Engineers

LICENSURE/CERTIFICATIONS: WILLIAM HAENSEL, PE, PLS

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. William B. Haensel Jr.	
License/Certificate Type - Number	Expiration Date
PE.0013375	03/31/2026
Status:	Active



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Neil D. Logan, PE – Civil & Structural Engineer

Project Assignment:

Senior Civil and Structural Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

45 Years (part time since 2003)

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1961/Purdue University/Civil Engineering

Active registration: Year first registered/discipline:

LA (14607)/1974/Civil Engineering MS (07040)/1977/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Logan has 63 years of engineering experience in the design and construction of roadways and bridges, flood and surge control projects.

Highway and Bridge Projects:

Florida Avenue Bridge and Expressway; Orleans and St. Bernard Parishes, LA: Preliminary Plan & (70%) final plans for a 9000 LF high-level bridge over the IHNC at Florida Avenue, with a vertical clearance of 156' above high water and composed of pre-stressed concrete girder spans and composite steel spans, with reinforced concrete bents.

Zachary Taylor Parkway Study, Phase II; Alexandria, LA to Poplarville, MS: Roadway & Bridge Engineering (Alignment Study, Line and Grade Study) for realignment/upgrading 220 miles of existing Route LA 1, LA 10, and MS 26, from two lanes to four lanes, with some new realignment based on horizontal and vertical deficiencies. Location traffic studies to determine the feasibility and necessity of by-pass/truck routes for nine locations along the LA 1/LA 10 corridor were completed; and where recommended, new roadway bypasses around urbanized areas along the route were also designed. The final engineering product included both plan view and profile drawings, as well as typical sections.

North-South Expressway (I-49); Lafayette to Opelousas, LA: Upgrade of an existing state highway to interstate highway standards including frontage roads with open ditches, stabilized base, and asphalt concrete surfacing. Two interchanges & two overpasses consisting of 7 multi-span P.C.C. girders & P.C.C. deck slabs were also included.

Alexandria Urban Interchange Bridges, I-49/US 71 (Section 3); Rapides Parish, LA: Final Plans for I-49 dual roadway and ramp structures, consisting of 9,072 LF of structure with 99 spans. The bridges included Type III and Type IV prestressed concrete girders and straight & curved steel girders with structures up to 37' above grade.

Industrial Loop to McCarey Road (Section 1); Caddo Parish, LA: Final Roadway and Bridge Plans for a 1.06 mile, four-lane divided highway, which included twin, steel trapezoidal box girder bridges.

Additional Experience in Jefferson Parish

Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.

New Bayou Segnette Drainage Pumping Station; Jefferson Parish, LA: A new 1,200 CFS pumping station with two (2), 600 CFS horizontal pumps driven by diesel engines through gear reducers. The new station was built adjacent to the existing station and was designed to USACE standards.

Bridge Repairs and Raw Water Intake Protection at East Bank Intake; Jefferson Parish, LA: Inspection of the East Bank Intake Bridge utilizing a boat and design of associated repairs utilizing new I-beams beneath the deck to strengthen the bridge and repairs to the concrete utilizing high-strength grout where required.

Bridge City Wastewater Interceptors (Pump Stations and Force Mains) and Treatment System; Jefferson Parish, LA: Expansion of the existing Bridge City WWTP to treat an additional average design flow of 6 MGD, bringing the plant's total capacity to 7.23 MGD. The project also included an 11,000 GPM effluent pump station.

P2 Plant Chlorination System Evaluation; Jefferson Parish, LA: This study included the evaluation of the Chlorination System at the P2 Plant of the 52 MGD Eastbank Water Treatment Plant in Jefferson Parish, to determine the best solution to eliminate safety concerns due to insufficient space within the chlorine cylinder room. Also included was an interim solution for a new roll-up door to the existing chlorine cylinder room to address safety concerns by allowing easier access for cylinder swap-outs and hook-ups.

Memberships & Associations:

- American Society of Civil Engineers
- Jefferson Parish Board of Standards and Appeals



LICENSURE/CERTIFICATIONS: NEIL LOGAN, PE



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

**9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com**

Mr. Neil D. Logan

License/Certificate Type - Number


PE.0014607

Expiration Date

03/31/2025

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Patricia R. Claverie, EI, MS	
Project Assignment:	
Hydrology and Hydraulics Engineer / Lead H&H Modeler / Drainage	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
3 Year / 21 years with Other Firms	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science/2000/University of New Orleans/Civil and Environmental Engineering	
Master of Science/2003/University of New Orleans/Engineering Management	
Active registration: Year first registered/discipline:	
LA (19340)/2000/Civil EIT	
Other experience and qualifications relevant to the proposed Project:	
<p>Patricia Claverie has 24 years of experience in H&H modeling. She has extensive knowledge of ArcView, PCSWMM, SWMM5, HEC-HMS, and HEC-RAS for drainage improvements and hydraulic design for bridges and culvert design. Her experience also includes planning and engineering services for Sewer Infiltration and Inflow Management using InfoWorks and developing shape files for GIS. Ms. Claverie also is knowledgeable in roadway design, traffic control plans, signage and pavement marking plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, and hydrologic studies.</p> <p>Roadway & Drainage Experience:</p> <p>Coin Du Lestin Road Elevation; Slidell, LA: H&H Modeling utilizing HEC-RAS that illustrates the existing conditions, determines the required roadway elevations to prevent inundation in a 100-year event, evaluates the drainage impacts that will occur due to raising the roadway elevations, and provides a final recommendation.</p> <p>Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA: H&H Modeling utilizing HEC-RAS for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.</p> <p>Improvements to Carriage Canal and Dunleith Canal; St. Charles Parish, LA: A new 107 LF concrete open flume at the intersection of the Carriage Canal and the Dunleith Canal to channel the two perpendicular flows into one uniform flow and a 540 LF of new sheet piles that will tie into the new concrete flume.</p>	<p>➤ With Other Firms</p> <p>Master Drainage Plan for Sewerage and Water Board of New Orleans: Ms. Claverie was responsible for creating the hydraulic model using PCSWMM for both the existing conditions and required drainage improvements for the Algiers and English Turn areas.</p> <p>USACE – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA: Ms. Claverie provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the \$1B drainage improvement program. She coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. She reviewed contract and construction documents for constructability, inputted review comments into Dr. Checks, coordinated acquisitions of rights-of-way and construction easements, and reviewed the design of the relocation of utilities. She performed computer hydraulic modeling using the XP-SWMM program for major drainage canals and systems to determine the existing conditions and required drainage improvements, evaluated water surface profiles for existing and proposed improvements, and prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.</p> <p>Grays Creek, Livingston Parish, LA: Ms. Claverie was responsible for preparing a Drainage Study for Grays Creek from Florida Boulevard (Hwy 190) to Interstate-12 in Livingston Parish. Ms. Claverie created an existing condition model in HEC-RAS for Grays Creek. In addition, the following alternatives were evaluated in the HEC-RAS proposed model: widening the channel bottom, fixing the centerline slope, adding concrete slope paving to side banks, and replacing the bridges with culverts.</p>

City of Lumberton Drainage Study, Lumberton, TX: Ms. Claverie developed a hydraulic model using HEC-RAS software to design the detention ponds for two of the six drainage basins.

Concord Road, Beaumont, TX: Design of the reconstruction of 5 miles of roadway from 2-lanes to 4-lanes. This project also included improving the drainage for the adjacent residential areas. Ms. Claverie was responsible for completing the hydrologic studies, hydraulic design, traffic control plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, bridge layouts, ROW plans and plan-profile sheets.

Statewide Flood Control Applications for Louisiana Avenue and General DeGaulle Canals (SELA), New Orleans, LA: The application included Hydraulic Modeling and AutoCAD drawings. Ms. Claverie was the project engineer and was responsible for running the HEC-RAS hydraulic model, preparing the report and required spreadsheets for the application.

Identify & Prioritize Drainage Improvements for the City of Kenner Drainage System, Kenner, LA: Ms. Claverie aided in the development of a program to identify and prioritize needed drainage system improvements. This project included a hydraulic model, calibration to reflect existing known conditions, finalization of output data from HEC-RAS, development of a master plan report, establishment of construction cost & implementation plan, and funding alternatives.

Flood Protection Experience:

US Army Corps of Engineers, MVN – Levees Section

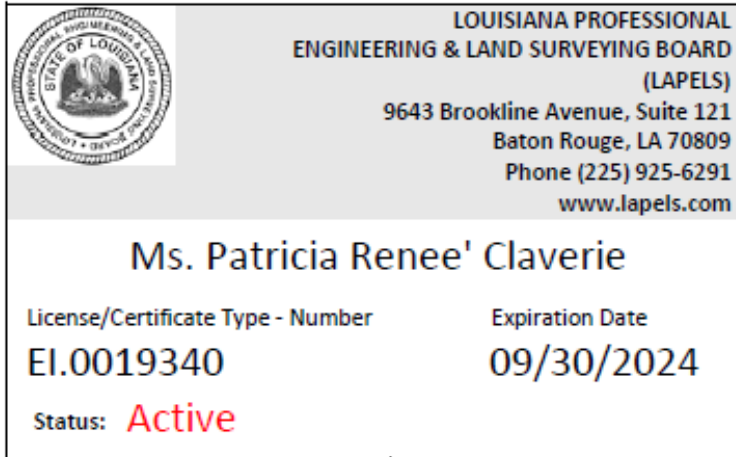
New Orleans, LA: Ms. Claverie reviewed plans and prepared specifications for levee and other flood protection projects, analyzed cross sections and topography data, utilized CSV (Cross Section Volume) Program, located and sized borrow pits and calculated quantities for project bid items. She conducted on-site investigations to identify utilities, including pipeline facilities within project limits, which required relocation. Ms. Claverie reviewed contract A-E and in-house construction plans for format and CADD technical accuracy and standards. She also reviewed construction permits applications by others and accompanying plans and specifications to assure compliance with USACE MVN standards and to identify any conflict with current USACE MVN project objectives.

Ms. Claverie worked on the following relevant projects:

- Mississippi River Levees – Alhambra to Modeste – Iberville & Ascension Parishes, Louisiana – Levees Design including Concrete Slope Pavement
- Mississippi River Levees – Eastbank and Westbank Gaps – East Baton Rouge, St. James, St. Charles, Ascension, and Jefferson Parishes, Louisiana – Levees Design including Concrete Slope Pavement
- Lake Pontchartrain, Louisiana and Vicinity, Hurricane Protection Project – Jefferson Parish Reach 5 – 2nd Lift Levee & Bonnabel Blvd Floodgate – Levees & Floodwalls Designs, Coastal Erosion Protection
- Larose to Golden Meadow Hurricane Protection Project – Sections A, D, E & F – Lafourche Parish, Louisiana – Levees Studies & Designs
- New Orleans to Venice Hurricane Protection Project – Nairn to Venice – Plaquemines Parish, Louisiana – Levees, Floodwalls & Dikes Designs, Coastal Erosion Protection
- St. Bernard Hurricane Protection Project – Verret to Caernarvon – St. Bernard Parish, Louisiana – Levees & Floodwalls Designs, Coastal Erosion Protection
- West Atchafalaya Basin Protection Levee, Item W-102, Second Levee Enlargement – St. Mary Parish, Louisiana – Levees Design
- West Bank and Vicinity, Hurricane Protection Project, Lake Cataouatche Levee Enlargement – Hwy 90 to Segnette State Park – Jefferson Parish, Louisiana – Levees Design, Coastal Erosion Protection
- West Bank and Vicinity, Hurricane Protection Project, New Westwego Pump Station to Old Orleans Village Pump Station – Second Lift – Jefferson Parish, Louisiana – Levees Design, Coastal Erosion Protection

Memberships & Associations:

- The American Society of Civil Engineers
- The Society of American Military Engineers



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Dennis G. Voss, NICET, Level IV	
Project Assignment:	
Senior Engineering Technician (Civil)	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
50 Years	
Education: Degree(s)/Year/Specialization:	
Associate Degree/1968/Delgado Junior College/Engineering Technology	
2 years, Engineering Studies/1962-1965/University of New Orleans	
Active registration: Year first registered/discipline:	
National Institute for Certification in Engineering Technology (54584)/1976/Engineering Technician, Level IV	
Other experience and qualifications relevant to the proposed Project:	
<div>Roadway and Drainage Projects:</div> <p>Metairie Road Smart Growth; Jefferson Parish, LA: Smart Growth items of work including lane reduction to permit more room for pedestrians and vehicle parking, wider sidewalks, demarcation of sidewalk with colored pavers, adding high-visibility crosswalks, new ADA compliant curb ramps, and the use of pervious concrete for non-travel lanes to reduce stormwater runoff.</p> <p>Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage, along with adjacent concrete sidewalks.</p> <p>Improvements to West Esplanade Avenue from Bonabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.</p> <p>Improvements to West Napoleon Avenue from Cleary Avenue to Houma Blvd.; Jefferson Parish, LA: A new 2250 LF 4-lane, urban roadway; which included a 13.5'h x 40'w, double barrel, 195' long box culvert at the Suburban Drainage Canal, tie-ins to existing streets, curb & gutter and subsurface drainage. A 2200 LF concrete flume canal section with a bottom width of 30' and a capacity of 3,000 CFS was also constructed in Canal No. 4.</p> <p>Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA: Phase I consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. Phase II consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.</p>	<p>Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.</p> <p>Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.</p> <p>Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA: Roadway pavement and subsurface utilities, including drainage, water, and sanitary sewer.</p> <p>ARFF Perimeter Road, Stages 1, 2 & 3, at Louis Armstrong New Orleans International Airport; Kenner, LA: Stage 1: A 10,600 LF roadway on top of a reinforced box culvert. The box culvert enclosed approx. 6,300 LF of the Duncan Drainage Canal and consists of a 900 LF segment containing two 9' x 9' reinforced concrete box culverts and a 5,400 LF segment containing a double barrel, 11' h x 44' w reinforced concrete box culvert. Stage 2: A 4660 LF roadway with a 4300 LF segment composed of P.C.C. with a 6" crushed limestone base course on a sand embankment with a geotextile fabric; and a 346 LF segment composed of 4" flexible asphalt pavement on a stone base course. Stage 3: A 9000 LF roadway with a 7700 LF segment composed of 4" flexible asphalt pavement over an 8" stone base course.</p> <p>Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway; New Orleans, LA: Widening 7900 LF of roadway from two, 10' lanes to two 11' lanes with 4' shoulders and raising a portion of roadway to minimize potential periodic flooding.</p> <p>North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA: New roadway pavement including curbs; base; subsurface utilities; and adjustments as required at driveways & intersecting streets.</p>

St. Roch Neighborhood Infrastructure Improvements; New Orleans, LA: FEMA funded roadway pavement including curbs, base, ADA ramps, sidewalks & driveways where required and adjustments to catch basins and manholes. The project includes full or partial repairs to approx. 90,000 LF of streets with either asphalt or concrete pavement.

Royal Street from Caffin to Charbonnet; New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities.

Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA: The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities.

Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.

Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: Preliminary design from West Napoleon Ave. to Veterans Blvd., which included a hydraulic analysis to determine water surface elevations and geotechnical studies to determine slope stability. Preliminary plans for 3 box culverts at Interstate 10; 4 box culverts at Veterans Blvd.

Highway and Bridge Projects:

New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA: A new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels.

Comite River Diversion Project – US Highway 61 and Kansas City Southern Railway Bridges; East Baton Rouge, Parish, LA: A new railway bridge and shoofly, new northbound and southbound highway bridges for the US Highway 61 crossing and completion of accompanying bypass road, all required pile load tests for the bridges, a portion of diversion project discharge channel, the relocation of Barnett Road, and all required area drainage.

Causeway Blvd. / Earhart Expressway Interchange, Route LA 3139; Jefferson Parish, LA: Engineering, environmental, and planning services required for preparation of a Feasibility Study & Environmental Inventory (including line and grade), for this proposed interchange. Both routes are on the National Highway System (NHS). Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. The final, two build alternatives were evaluated by N-Y in an Environmental Assessment.

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans and St. Charles Parishes, LA: The identification of transit and highway alternatives within the area bounded by I-310, the New Orleans Union Passenger Terminal, I-10 and the Mississippi River within the metropolitan New Orleans area. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six and eight lanes with four lane service roads). (subconsultant)

West Jefferson North-South Roadway Study; Jefferson Parish, LA: Preliminary roadway, bridge, and 2-level interchange layouts, geometry and cost estimates for four (4) North-South alternatives to connect the West Bank Expressway to Lafitte-Larose Highway, LA 3134. The study included: 14,650 LF of at-grade ramps and 11,700 LF of elevated ramps; 20,085 LF of 4-lane, at-grade roadway and 11,825 LF of elevated roadway; precast AASHTO girders for elevated structures; and tie-ins to the Westbank Expressway and LaPalco Boulevard.

LA 1088 Interchange, Route I-12; St. Tammany Parish, LA: The addition of a fully directional interchange to I-12 at LA 1088 which included widening 6585 LF of LA 1088 from a 2-lane roadway to a 4-lane divided roadway with 30' depressed median; 8648 LF of single lane ramps; New 446 LF westbound 2-lane bridge; and drainage which included 24", 36", 42", 54" 60" and 72" diameter reinforced concrete arch pipes.

Memberships & Associations:

- American Society of Certified Engineering Technicians

CERTIFICATIONS: DENNIS VOSS, NICET LEVEL IV



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presented to

Dennis Voss

for attending the

**Roundabout Design Workshop
Level 1**

and for having been awarded 12 Professional Developmental Hours

October 14-15, 2008

Baton Rouge, Louisiana

Authorized By

LTRC
Louisiana Transportation Research Center

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Chris LeMay, CADD/GIS

Project Assignment:

CADD/GIS Technician

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

4 Year / 20 Years with Other Firms

Education: Degree(s)/Year/Specialization:

Associate of Science/Computer-Aided Drafting

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Drainage and Flood Control Experience:**➤ With N-Y**

West Shore Lake Pontchartrain, WSLP-109, Levees and Floodwalls; St. John the Baptist Parish, LA: 5580 LF of new levee, 280 LF of T-wall crossing over nine (9) pipelines, transition floodwalls tying the T-wall into the levee section, multiple T-wall monoliths up to 15' high designed to current HSDRRS criteria; and a multi-culvert crossing of the interior drainage canal at the access road.

WSLP-114, Westshore Lake Pontchartrain Levees and Floodwalls; St. Charles and St. John the Baptist Parishes, LA: 3000 LF of new levees and 1840 LF of new floodwalls (T-walls up to 27' high) to current HSDRSS criteria associated with the following 4 West Shore project.

Roadways and Bridges Experience:**➤ With N-Y**

Five (5) New "Waskey-type" Bridges associated with the West Shore Lake Pontchartrain Flood Protection System, WSLP-114; St. Charles and St. John the Baptist Parishes, LA: Design of five (5) new "Waskey-type" access bridges ranging in length from 60 feet to 160 feet using precast deck panels, precast pile bent caps, and precast barrier rails supported on precast concrete piles. The bridges vary in width: 24-foot, 16 foot and 12-foot clear width, gutter to gutter. The bridges are being designed for an AASHTO HS20 truck load (HL-93 loading).

Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA: A new alignment of approx. 1 mile of Carney Road and a new 3-span bridge crossing Bayou Baton Rouge using LADTOD LG girders. The new roadway and bridge will both include two, 11' travel lanes and 8' shoulders/bicycle lanes meeting East Baton Rouge's Complete Streets requirements.

➤ With Other Firms

Viola Street Widening; St. Tammany Parish, LA: CAD drawings for the street milling, overlay and widening of lanes throughout Viola Street in St. Tammany Parish.

HMGP Elevation of Parish Roads, Coast Guard Road; Plaquemines Parish, LA: CAD drawings for the proposed 2-foot elevation and stabilization for Coast Guard Road using AutoCAD Civil 3D and Storm & Sanitary Analysis software from surveys, shapefiles, parcels and Hydrologic & Hydraulic (H&H Studies). Mr. LeMay also worked on creating a proposed gravity pipe network for stormwater improvements.

Concrete Pavement Repair and Replacement; St. Bernard Parish, LA: CAD drawings from hand sketches, field notes and manufacturer specs. Mr. LeMay assisted in the design and construction of Portland cement concrete pavement repairs in the Chalmette Vista and Buccaneer Villa neighborhoods of St. Bernard Parish.

Asphalt Roadway Restoration; St. Bernard Parish, LA: CAD drawings for the mill and overlay of existing asphalt roadways, base repairs and replacements, and repair or replacement of adjacent curb and gutter, driveways, and sidewalks at various locations.

Other Experience:

Hurricane Katrina Roadway Restoration; St. Bernard Parish, LA: Mr. LeMay coordinated, managed and scheduled the Field Layout Services and Field Drawings from the draft copies to the final CAD drawings. He logged data for records and created spreadsheets. Mr. LeMay assisted in the creation of databases and GIS layers from existing parish data and data collected from field efforts. All GIS layers were built from the ground up since no previous GIS information existed. The layers that were created included sewer, drainage, water, streets and centerlines, buildings, subdivisions, fire zones, landmarks, and zones.

Certificate of Completion for successfully completing

Autodesk

Revit 2020 Fundamentals

24 contact hours
November 19, 20, 23 & 24

Chris LeMay

Seminar Participant

November 24, 2020

Date of Completion



Ken Colgan, Trainer

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Noah Jackson, CADD

Project Assignment:

Senior CADD Technician

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

6 Years / 19 Years with Other Firms

Education: Degree(s)/Year/Specialization:

Associates Degree/1985/Engineering Technology

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Drainage and Flood Control Projects:

WSLP-109, Westshore Lake Pontchartrain Levees and Floodwalls; St. Charles Parish, LA: The work includes: 5580 LF of new levee, 280 LF of T-wall crossing over nine (9) pipelines, transition floodwalls tying the T-wall into the levee section, multiple T-wall monoliths up to 15' high designed to current HSDRRS criteria; and a multi-culvert crossing of the interior drainage canal at the access road.

WSLP-114, Westshore Lake Pontchartrain Levees and Floodwalls; St. Charles and St. John the Baptist Parishes, LA: 3000 LF of new levees and 1840 LF of new floodwalls (T-walls up to 27' high) to current HSDRSS criteria associated with the following 4 West Shore project.

Roadways and Bridges:

Comite River Diversion Project – US Highway 61 Railway Bridges; East Baton Rouge Parish, LA: Design for new north bound and south bound bridges for the US Highway 61 crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30-foot scour requirement. All work is being performed to LADOTD standards and is being reviewed by the LADOTD.

Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA: A new alignment of approx. 1 mile of Carney Road and a new 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new roadway and bridge will both include two, 11' travel lanes and 8' shoulders/bicycle lanes meeting East Baton Rouge's Complete Streets requirements.

Five (5) New "Waskey-type" Bridges associated with the West Shore Lake Pontchartrain Flood Protection System, WSLP-114; St. Charles and St. John the Baptist Parishes, LA: Design of five (5) new "Waskey-type" access bridges ranging in length from 60 feet to 160 feet using precast deck panels, precast pile bent caps, and precast barrier rails supported on precast concrete piles. The bridges vary in width: 24-foot, 16 foot and 12 foot clear width, gutter to gutter. The bridges are being designed for an AASHTO HS20 truck load (HL-93 loading).

New Wastewater Treatment Plant for the St. Bernard Port, Harbor and Terminal District; St. Bernard Parish, LA: A new 20,000 GPD Package Wastewater Treatment Plant which includes a prefabricated steel treatment plant; electrical service and controls; re-routing the pump station force main to the new plant; effluent gravity line to a small pond; chlorine gas feed to the treatment plant; and site work.

Eastbound West Metairie Replacement Bridge over the Soniat Canal; Jefferson Parish, LA: The forty-foot spans used prestressed, precast Quad Beams, which are 18" x 18" using 8500 psi concrete and are tensioned with 0.6 diameter strands. The piles are approx. 82' in length and are 18" square, prestressed, precast concrete.

Other Experience:

Sewerage and Water Board of New Orleans Resiliency Complex; New Orleans, LA: Renovation of the existing Head House Building for use as a Safe House with renovations and structural modifications to meet the FEMA P-361 criteria for wind speeds up to 190 mph; A new "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria for wind speeds up to 190 mph; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

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November 19, 20, 23 & 24

Noah Jackson

Seminar Participant

November 24, 2020

Date of Completion



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State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Johnny Thompson – Quality Assurance Representative

Project Assignment:

Quality Assurance Representative/Resident Inspection

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

7 Years / 45 with other firms

Education: Degree(s)/Year/Specialization:

Associates Degree/Mechanical & Electrical Engineering and HVAC Controls

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

**Quality Assurance Experience:****➤ With N-Y**

40 Arpent Floodwall Canal; St. Bernard Parish, LA: Resident Inspection Services during the repair, blasting and painting of an existing 8,100 LF sheet pile wall along the 40 Arpent Levee System in St. Bernard Parish. N-Y inspected the condition of the sheet pile wall and determined the amount of visible welding and patch to be performed due to corrosion and holes in the sheet pile wall.

Mitigation of Outfall Canal Erosion Orleans Avenue Canal for Flood Protection Authority - East; New Orleans, LA: Resident Inspection Services during the installation of canal bank erosion mitigation measures for approx. 1.65 miles of the Orleans Avenue Canal from I-610 to Robert E. Lee Boulevard. The mitigation measures include a 37,000 SY stone-filled cellular confinement system with geotextile fabric and 6" thick compacted crushed stone, and 441 CY of riprap.

Port of South Louisiana – DOW Chemical Railway Expansion; St. Charles Parish, LA: Resident Inspection Services during the construction of a five-track railway for DOW Chemical that will accommodate 200 rail cars. (subconsultant)

New 1st District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA: Quality Assurance services for this 18,500 SF facility which includes a new 9,250 SF 1st District Office elevated one story above grade; and a 9,250 SF first floor including retail space & storage for the Sheriff's Office. The 1st District Office will include offices, a meeting room, and typical support spaces (reception area, break room, toilet rooms, mechanical and electrical rooms, elevator & stairs).

Additional Project Experience:**➤ With Other Firms**

St. Charles Parish Public Works (2013-2016): Mr. Thompson served as a Project Manager for the St. Charles Parish Department of Public Works. In this role, he was responsible for managing street, drainage, water and sewer projects of various sizes and costs.

Resident Inspector/Site Representative, Civil & Environmental Consulting Engineers (2000-2013): Mr. Thompson served as a resident inspection and site representative for street, drainage, water and sewer projects of various sizes and costs.

Hydrochem Industrial Services, Inc. (1999-2000): Mr. Thompson served as a Project Manager for Hydrochem Industrial Services, Inc. In this role, he was responsible for managing projects of various sizes and costs.

Brown & Root Energy Services for CONOCO, Inc.; Lafayette, LA (1997 – 1999): Mr. Thompson served as maintenance advisor for mechanical integrity, systems electrical and instrumentation for Brown & Root Energy Services for CONOCO, Inc.

Brown & Root, Inc., Mobil Oil Co; Chalmette, LA (1996-1997): Mr. Thompson served as a Project Superintendent for Brown & Root, Inc. for Mobil Oil Co for various Capital Projects up to \$10 million. His responsibilities included turnaround planning and execution and supplementary maintenance.

Brown & Root, Inc., Petro-Chem Star Enterprise (TEXACO) (1995-1996): Mr. Thompson served as a Project Superintendent for Brown & Root, Inc. for Petro-Chem Star Enterprise (TEXACO). He was responsible for the planning and scheduling of various projects.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stanley J. Mitchell – Quality Assurance Representative

Project Assignment:

Quality Assurance Representative/Resident Inspection

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

10 Years / 28 with other firms

Education: Degree(s)/Year/Specialization:

Various Technical and Managerial Courses provided by Civil Service

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:



Quality Assurance Experience:

➤ With N-Y

Lone Star Area Sewer Rehabilitation; St. Charles Parish, LA:

Sewer rehabilitation of 3316 LF of 8" sewer lines, 7 lateral connections at the main line and 13 manholes. The project consists of gravity sewer lining and point repairs including CIPP lining of main and lateral sewer lines, cleaning of sewer lines and post construction video inspection.

Tchoupitoulas Corridor Signage and Striping; New Orleans, LA:

The reinstallation/replacement of deteriorated pavement markings and intersection signage and the replacement of all damaged/missing traffic control signs on Tchoupitoulas Street from Henry Clay Avenue to Melpomene Street.

New Veterans Administration Medical Center Infrastructure Improvements; New Orleans, LA:

The complete reconstruction of the street pavement including concrete pavement and curb; crushed stone base course, sidewalks, driveways, handicapped ramps and replacement of subsurface utilities. This \$15 million project included the installation of 200 LF of 8" sewerline and 4500 LF of 24" sewerline, and CIPP lining of 1000 LF of 8" sewer pipe.

Street and Utility Reconstruction Projects for the City of New Orleans:

Reconstruction of concrete & asphalt urban streets in the City of New Orleans. Projects also included intersection improvements, and the rehabilitation or replacement of water, sewer, and drainage utilities.

Cattle Farm Lift Station and Force Main; City of Kenner, LA:

4300 LF of directionally drilled 14" sewer force main and the relocation of the new cattle farm lift station. The lift station included two 6" submersible pumps and associated controls.

➤ With Other Firms

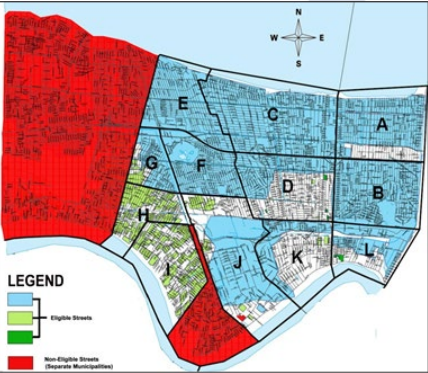
Thirty years of experience in utilities maintenance and technical support services with the Sewerage and Water Board of New Orleans (1982-2012)

In this role, Mr. Mitchell's responsibilities included the following:

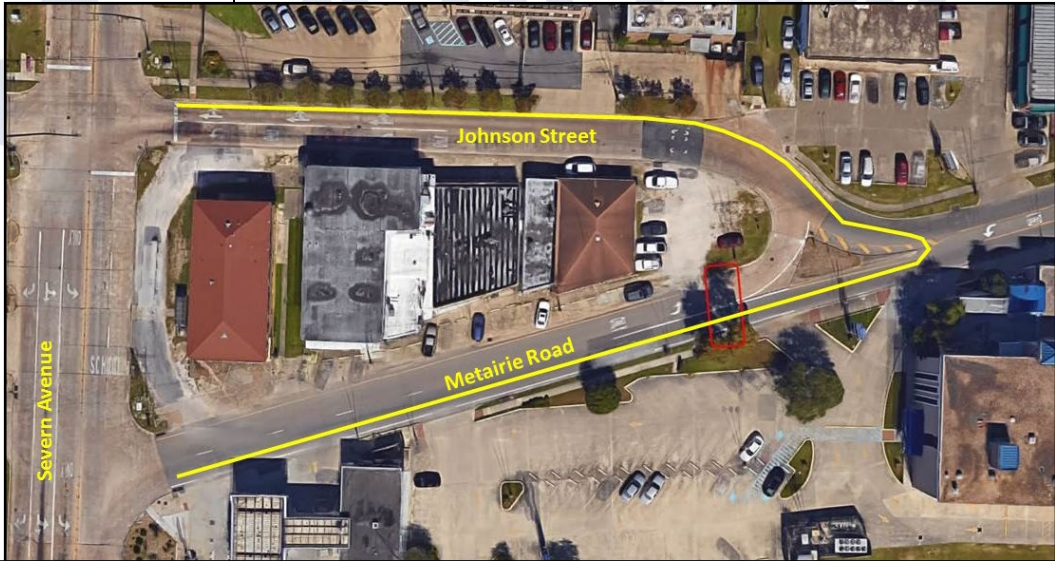
- Managed and developed three (3) service departments with a staff of 123.
- Responsible for contract work order repairs.
- Managed projects from \$20,000 to millions of dollars in construction value.
- Reported directly to the Chief of Networks.
- Managed inspectors' routes and overtime. Regularly monitored contracts to keep costs down.
- Conducted special analyses and cost comparisons and research reports.
- Developed innovative solutions that reduced repair costs.
- Set up check points within a work order to manage bottlenecks and deadlines.
- Managed the testing of local water and sewer lines.
- Managed construction of line and point repairs and replacement of water and sewer lines.
- Closed work orders and conducted final inspections.
- Managed staff to monitor and inspect job sites.
- Monitored production, distribution, data processing, and final reports.

- 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.

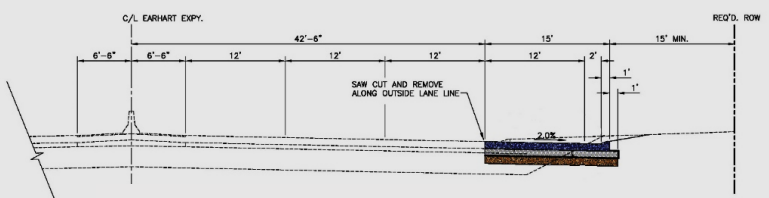
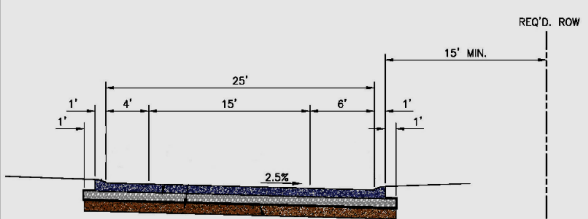

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Program Management of the FEMA Submerged Roads Program for the East Bank of Jefferson Parish, LA</p> <p>FEMA Funded</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p>  <p>N-Y Personnel: F. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE</p>	<p>Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements throughout the East Bank of Jefferson Parish, due to damage sustained during Hurricane Katrina.</p> <p><i>N-Y was responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors. N-Y's scope of work included providing the Parish with the necessary documentation for FEMA's Project Worksheets (PWs) – including periodic updates and re-versioning to ensure proper cost reimbursements.</i></p> <p>Project Schedule: Monitoring the project Schedule was a critical Program Management task. Each project included approx. 90 city blocks which required coordination with other Owner utility work in progress to avoid conflicts. Projects were also scheduled and bid to prevent local construction resources from being strained. The 20 construction projects were substantially completed by June 2016, which is 4 years and 6 months from project commencement. This time period included the negotiation of each of the engineering design contracts and the design itself. Because the Program Manager prepared the schedules and processed all invoices, construction progress was readily determined, and contractors were promptly notified if progress was not acceptable. The Program was completed on schedule.</p> <p>Project Budget: Monitoring and tracking the project budget was the other most critical Program Management task. N-Y was the sole Program Manager for the East Bank Concrete and Asphalt Program – but was responsible to track and monitor the entire \$100 million East Bank (\$83 million) and West Bank (\$17 million) project budget. This included tracking the following costs for each of the twenty (20) construction projects: Design, Construction, Materials Testing, Resident Inspection, and Program Management. Because the Owner was also paying for additional "ineligible" work that it wanted done on certain projects, FEMA "eligible" vs. "ineligible" costs were also tracked. The Program was completed within the \$100 million budget.</p> <p>Project Reporting: The following reports are examples of the project management tools and reports which N-Y used to manage this \$100 million project:</p> <ul style="list-style-type: none"> ▪ Report 1: Submerged Road Program Management: East Bank Projects – Construction Schedule Report. ▪ Report 2: Submerged Road Program Management: Project Budget Tracking Reports – Concrete and Asphalt. Please note that the Owner elected to perform approximately \$5 million of additional work that was not eligible for FEMA reimbursement. ▪ Report 3: Submerged Road Program Management: Cost Projection Report. Please note that the Owner has elected to perform approximately \$5 million of additional work that is not eligible for FEMA reimbursement. ▪ Report 4: Submerged Road Program Management: FEMA Report. This is a concise summary report of the status of the individual East Bank construction projects. 	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$83 million	100%

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Metairie Road Smart Growth; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p>	<p>A previous study for Metairie Road looked at ways for "Smart Growth Development" in the Metairie Road corridor. This project is one segment of the Smart Growth development.</p> <p>N-Y is providing Design, Bidding and Construction Administration for the Smart Growth items of work which include lane reduction to permit more room for pedestrians and vehicle parking, wider sidewalks, demarcation of sidewalk with colored pavers, adding high-visibility crosswalks, new ADA-compliant curb ramps, and the use of pervious concrete for non-travel lanes (parking and bus U-turn) to reduce stormwater runoff.</p> <p>The project also includes roadway concrete panel replacement as needed, drainage improvements and an improved bus U-turn.</p> <div data-bbox="1154 779 1463 961" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Members: F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE D. Voss, NICET</p> </div> <div data-bbox="365 1005 1414 1562" style="text-align: center;">  <p>Metairie Road Smart Growth Project Limits (Existing Conditions)</p> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (Design on Hold)	\$750,000	100%



PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="94 915 380 1136" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>N-Y Personnel: F. Nicoladis, PE C. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE D. Voss, NICET</p> </div> <div data-bbox="94 1142 868 1415" style="text-align: center;">  <p>Typical Mainline Widening</p> </div>	<p>Geometric Study, Access Justification Report (AJR), Preliminary and Final Design, Bidding and Construction Administration for <i>new on and off ramps at Lead Street to the Earhart Expressway</i>.</p> <ul style="list-style-type: none"> ▪ The new eastbound entrance ramp from Lead Street to LA 3139 is an at grade ramp adjacent to the existing elevated Earhart Expressway entrance ramp from Dickory Drive. The new on ramp may require pavement widening to include an auxiliary lane tied to the existing Clearview exit ramp. This ramp/lane widening would be for approximately 3600 LF. ▪ The new westbound exit ramp from LA 3139 to Lead Street is an at grade ramp adjacent to the existing elevated Earhart Expressway exit ramp to Dickory Drive. The Clearview entrance ramp may be converted to an auxiliary lane and include the new Lead Street off ramp. This is a new ramp/lane widening for approximately 3500 LF. ▪ The new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal will consist of 2, 12'x14' barrels. Lead Street is estimated to be reconstructed for about 900 LF from the new on ramp to the north side of Cross Canal. <div data-bbox="906 919 1500 1241" style="text-align: center;">  <p>Typical Ramp Section</p> </div> <div data-bbox="672 1423 1523 1734" style="text-align: center;">  </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026 (Design on Hold)	\$7 million	100%

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Improvements to Destrehan Avenue, Phases I and II; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="149 1079 449 1297" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE C. Nicoladis, PE D. Voss, NICET</p> </div>	<p>Phase I: Design, bidding, construction administration, resident inspection property surveys, topographic surveys, right-of-way maps, and traffic signalization for improvements to Destrehan Avenue, from LaPalco Boulevard to Patriot Street, consisting of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb and gutter, swale ditches, and subsurface drainage.</p> <p>The project also includes the relocation of a sewer lift station and widening, lengthening, and raising a three-span, prestressed, precast concrete girder bridge.</p> <p>Phase II: Design, bidding, construction administration, resident inspection, property surveys, topographic surveys, right-of-way maps, and traffic signalization for improvements to Destrehan Avenue from Patriot Street to the Westbank Expressway, (LA 3018) consisting of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb and gutter, swale ditches, subsurface drainage, and asphaltic concrete. This phase of the project was re-aligned to improve access to the Harvey Tunnel.</p> <div data-bbox="638 1047 1448 1589" data-label="Image"> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Phase I: 2007 Phase II: 2008</p>	<p>Phase I: \$10.5 million Phase II: \$10.2 million</p>	<p>Phase I: 100% Phase II: 100%</p>



PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Improvements to West Esplanade Avenue, from Bonnabel Boulevard to Lake Avenue; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="147 898 363 959" style="border: 1px solid black; padding: 5px; margin: 10px 0;">FEMA Funded</div> <div data-bbox="147 1127 449 1310" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> N-Y Personnel: F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE D. Voss, NICET </div> <div data-bbox="493 1236 1175 1701" style="text-align: center;">  </div>	<p>a. Design, bidding, construction administration, resident inspection, topographic survey, and traffic signalization, for improvements to West Esplanade Avenue from Bonnabel Boulevard to Lake Avenue, consisting of widening a 1 mile, 1-lane roadway to a 2-lane urban roadway with curb and gutter, subsurface drainage, and asphaltic concrete. The project also included extensive drainage improvements to convey local drainage across West Esplanade Avenue to Canal No. 2 from the tributary area to the south.</p> <p>b. Improvements to the intersection of West Esplanade and Lake Avenue were added to the project and completed in 2006.</p> <div data-bbox="734 726 1386 1209" style="text-align: center;">  </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>a. 2002</p> <p>b. 2006</p>	<p>a. \$5 million</p> <p>b. \$750,000</p>	<p>100%</p>



PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Improvements to West Napoleon Avenue, from Cleary to Houma Boulevard Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="180 921 466 1108" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><u>N-Y Personnel:</u> F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE D. Voss, NICET</p> </div>	<p>Design, bidding, construction administration, and resident inspection for a new four-lane, urban roadway.</p> <ul style="list-style-type: none"> ▪ The 2,250 LF project includes a 13.5' h x 40' w, double barrel, 195 foot long box culvert at the Suburban Drainage Canal, tie-ins to all existing streets, and curb and gutter and subsurface drainage. ▪ A 2,200 LF concrete flume canal section with a bottom width of 30' and a capacity of 3,000 CFS was constructed in Canal No. 4. ▪ The project also includes two U-turn movements at Richland Avenue and Cleary Avenue, as well as signalization at Cleary. ▪ In addition, there is a 280 LF triple barrel, 8' h x 24' w reinforced concrete box culvert at Cleary Avenue and a 220 LF triple barrel, 8' h x 24' w reinforced box culvert at Richland. <div data-bbox="896 741 1487 1129" data-label="Image"> </div> <div data-bbox="979 1138 1398 1205" data-label="Caption"> <p style="text-align: center;">West Napoleon Eastbound Lanes South Side of Canal No. 4</p> </div>	
<div data-bbox="121 1207 786 1661" data-label="Image"> </div> <div data-bbox="129 1669 768 1703" data-label="Caption"> <p style="text-align: center;">Suburban Canal/Canal No. 4 Junction Looking North</p> </div>	<div data-bbox="896 1243 1487 1644" data-label="Image"> </div> <div data-bbox="979 1654 1408 1719" data-label="Caption"> <p style="text-align: center;">West Napoleon Westbound Lanes North Side of Canal No. 4</p> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2004	\$9 million	100%


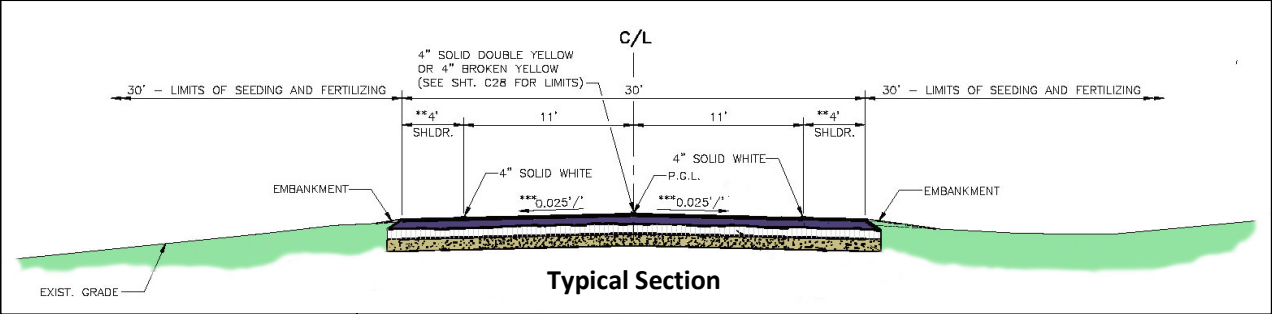
PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Improvements to Veterans Memorial Boulevard, from David Drive to Roosevelt Boulevard; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="94 961 393 1146" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><u>N-Y Personnel:</u> F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE D. Voss, NICET</p> </div>	<p>Design, bidding, construction administration, and resident inspection for widening 4,000 LF of urban roadway from four lanes to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb and gutter, and subsurface drainage, along with adjacent concrete sidewalks. The project also included adding a U-turn lane at the east side of the Veterans Boulevard / David Drive intersection.</p> <div data-bbox="805 491 1476 995" style="text-align: center;">  </div> <div data-bbox="518 1043 1198 1551" style="text-align: center;">  </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2004	\$4.5 million	100%



PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<div>Street and Drainage Reconstruction Projects for the City of New Orleans, LA</div> <div><div><div>a. Tchoupitoulas Corridor Signage and Striping (Henry Clay to Melpomene)</div><div>b. VAMC and UMC Infrastructure Improvements; S. Galvez & Canal Streets</div><div>c. St. Roch Neighborhood</div><div>d. N. Galvez Street (Tennessee to Delery)</div><div>e. Desire Street (N. Dorgenois to N. Roman)</div><div>f. Royal Street (Caffin-Charbonnet)</div><div>g. S. Prieur Street (Upperline to Napoleon)</div><div>h. Madrid, Mendez and Soldiers Streets</div><div>i. Press Drive</div><div>j. 88-8-C1 *</div><div>k. Tchoupitoulas Street, Phase I</div><div>l. 85-10-B2 *</div><div>m. 84-3 *</div><div>n. 83-12- D1/D2 *</div><div>o. Freret Street</div><div>p. 7th Year Program</div><div>q. 6th Year Program</div></div><div><div>* Project included multiple streets</div></div><div><div>Owner:</div><div>City of New Orleans,</div><div>Dept. of Public Works</div><div>1300 Perdido Street</div><div>New Orleans, LA</div></div></div>	<div>Over the past forty (40) years, N-Y has prepared plans and specifications, and provided construction engineering, for the reconstruction of over twenty (20) miles of concrete and asphalt urban streets in the City of New Orleans, with a total construction value of over \$50 million. Each project included intersection improvements, and the replacement of all water, sewer, and drainage utilities.</div> <div><div><div><div></div><div>b. South Galvez Street</div></div><div><div></div><div>b. Canal Street</div></div></div></div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
a. 2018; b. 2017; c. 2016; d. 2016; e. 2008; f. 2004; g. 2004; h. 2002; i. 1996; j. 1996; k. 1996; l. 1990; m. 1989; n. 1988; o. 1985; p. 1983; q. 1982	a. \$450,000; b. \$15 million; c. \$4 million; d. \$7 million; e. \$4 million; f. \$580,000; g. \$820,000; h. \$1 million; i. \$1 million; j. \$2.5 million; k. \$1.4 million; l. \$1.4 million; m. \$1.5 million; n. \$2.7 million; o. \$1.2 million; p. \$1.8 million; q. \$1.3 million	100%

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/ Chef Menteur Highway; New Orleans, LA</p> <p>Owner: Port of New Orleans 1350 Port of New Orleans Place New Orleans, LA 70130</p> <p>Contact: Anthony Evett Chief Engineer (504) 528-3309</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>N-Y Personnel: F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE F. Mortali, PE D. Voss, NICET</p> </div>	<p>Evaluation Report, Design, Bidding and Construction Administration for Roadway and Drainage Improvements to 7900 LF of France Road. Approximately 7600 LF of France Road lies outside of the existing flood protection, ramps over the floodwall and passes through a floodgate. The existing roadway is two, 10' lanes without shoulders.</p> <p>The Evaluation Report considered alternative lane and shoulder widths, compared estimated roadway reconstruction costs for several proposed pavement sections and included conceptual cost estimates for the alternative lane and shoulder widths.</p> <p>N-Y designed the widening of this portion of France Road from two, 10' lanes to two 11' lanes with 4' shoulders. A portion of the roadway will be raised to minimize potential periodic flooding.</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  <p>Typical Section</p> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$3.5 million	100%

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>US Highway 61 and Kansas City Southern Railway Bridges; East Baton Parish, LA</p> <p>Owner: USACE, New Orleans District 7400 Leake Avenue New Orleans, LA 70160</p> <p>Contact: Chris Dunn, PE Chief Engineer (504) 862-1799</p> <div data-bbox="120 869 418 1178" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE J. Simmons, PE M. Nicoladis, EI, MBA S. Fall, PE F. Mortali, PE D. Voss, NICET N. Jackson, CADD/CIM C. LeMay, CADD</p> </div> 	<p>The Comite River Diversion Project is a 12-mile long channel running east-to-west between the Comite River and the Mississippi River, approximately 15 miles north of Baton Rouge, LA. The channel alignment crosses numerous existing highways, railroads, utility right-of-way, and streams, including US Highway 61 and the Kansas City Southern Railway.</p> <p><i>N-Y was the designer and professional engineer of record for the following features of work:</i></p> <p><u>US Highway 61 Bridges and Bypass Road:</u></p> <ul style="list-style-type: none"> ▪ The US 61 Highway Bridges are designed as twin parallel structures for northbound & southbound traffic. The bridges are 350 feet long with five equal spans. Each bridge has two, 12' travel lanes, a 6' inside shoulder, a 10' outside shoulder and a design speed of 65 mph. The bridge superstructures are cast-in-place concrete deck on pre-cast pre-stressed concrete AASHTO Type III girders. The bridge superstructure is supported on concrete bent caps, concrete columns and concrete drilled shafts. The design of the columns and drilled shafts include provisions for a 30 feet of channel scour at the drilled shafts and a channel flow velocity in excess of 7 ft./sec. The ends of the bridges are supported by concrete abutments and wing walls on pre-cast pre-stressed concrete piles. Design of the bridge is based on current LADOTD and AASHTO criteria. ▪ The US 61 Bypass Road is required for construction of the new US Highway 61 Bridges. Bulb Out Direction Crossovers will also be required during the bypass road phase and retained in the final phase. These crossovers will be located at the southbound left turn lane at Irene Road and the north bound left turn lane located about 3800 feet north of the future bridge at the entrance to the Thompson Pipe Group Flowtite site on Samuels Rd. ▪ Additional project features include: Relocation of a 2700 LF segment of Barnett Road, site drainage and a section of the Comite River Diversion Channel beneath, between and adjacent to the new bridges. <p><u>Kansas City Southern Railway Bridge and Shoofly: (design led by a subconsultant to N-Y)</u></p> <ul style="list-style-type: none"> ▪ The railway bridge will be a five (5) span precast-prestressed post tensioned box girder section supported on drilled shaft piers, with a 30 foot scour requirement. The design will include ballast, rails, ties, maintenance walkways, bridge abutments, bents, girders, superstructure, sub-structure (piling) and foundation, and approach embankments and ballast, sub-ballast, rails and ties. 	
Completion Date (Actual or Estimated):	Estimated Cost:	
2024	Entire Project: \$50 million	Work for which Firm was Responsible: 100%

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:	
		N-Y has no on-going legal proceedings with Jefferson Parish.
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
<div> <div> SECTION N. TABLE OF CONTENTS I. EXECUTIVE SUMMARY II. MINIMUM QUALIFICATIONS III. EVALUATION CRITERIA 1. Professional Training and Experience 2. Capacity for Timely Completion 3. Location of the Principal Office 4. Adversarial Legal Proceedings 5. Prior Successful Completion of Projects 6. Size of Firm 7. Past Performance IV. QUALITY ASSURANCE PROGRAM V. THE N-Y ADVANTAGE </div> <div> II. MINIMUM QUALIFICATIONS 1. One Principal who is a Professional Engineer who shall be registered as such in Louisiana: <ul style="list-style-type: none"> Frank Nicoladis, PE LA PE No. 5924, Expires 03/31/2025 67 Years of Experience 2. A Professional in Charge of the project who is a Professional Engineer who shall be registered as such in Louisiana with a minimum of five (5) years experience in the disciplines involved: <ul style="list-style-type: none"> James Simmons, PE LA PE No. 19891, Expires 09/30/2025 47 Years of Experience 3. One 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 the requirement only if the advertised project involves more than one discipline): <ul style="list-style-type: none"> Constantine F. Nicoladis, PE LA PE No. 27095, Expires 09/30/2025 37 of Experience Fred Mortali, PE LA PE No. 35111, Expires 03/31/2026 31 Years of Experience Neil Logan, PE LA PE No. 14607, Expires 03/31/2025 63 Years of Experience William Haensel, PE, PLS LA PE No. 13375, Expires 03/31/2025 43 Years of Experience </div> </div>		
<div> I. EXECUTIVE SUMMARY <p>Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is actually a fifty-five (55) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969.</p> <p>N-Y's staff includes civil, hydraulic and structural engineers; project managers; architects; urban planners; construction inspectors and technical support personnel, each of whom offers experience providing professional services on roadway and drainage projects throughout Jefferson Parish and the metro area.</p> <p>N-Y has worked extensively throughout Jefferson Parish since its inception. Our public agency clients include the Parish, the Jefferson Parish School Board, the City of Kenner, LADOTD, and the Regional Planning Commission. This longevity has provided N-Y with extensive knowledge of the design criteria, system of approvals, and construction methods unique to infrastructure in this area.</p> </div>		

II. EVALUATION CRITERIA

1. Professional Training and Experience

➤ Personnel

N-Y possesses highly qualified & experienced personnel, who have the experience, educational background, and are licensed/certified to provide Routine Engineering Services for Streets Projects in Jefferson Parish. The professional qualifications, integrity, reliability and commitment of our personnel has earned N-Y an excellent reputation among our clients.

James Simmons, PE, Vice President and Civil Engineer will serve as Project Manager. He has 47 years of related experience in the planning, design and construction engineering of roadway and highway projects. *Mr. Simmons has served as Project Manager on all of N-Y's Parish and LADOTD roadway and highway projects, including N-Y's work in Jefferson Parish for Improvements to Destrehan Avenue, Phases I and II; Improvements to West Esplanade Avenue, from Bonnabel Boulevard to Cleary Avenue; Improvements to Veterans Boulevard, from David Drive to Roosevelt Boulevard; and Improvements to West Napoleon Avenue, from Cleary Ave. to Houma Blvd.*

Mr. Simmons will be supported by a team of senior engineers and support personnel with over 30 years average experience, as outlined below. Most of these professionals have been with N-Y over fifteen (15) years.

- **Constantine Nicoladis, PE:** Senior Civil Engineer who has a B.S. in Civil Engineering, Master of Business Administration and 37 years of experience. *Mr. Nicoladis' experience includes serving as N-Y's Project Manager for Duncan Canal Improvements at West Esplanade Avenue in Kenner, which included design of a 300 LF box culvert which replaced the existing bridges crossing the Duncan Canal. He also served as Project Manager for N-Y's Street and Drainage Reconstruction Projects for the City of New Orleans, including the Veterans Administration Medical Center (VAMC) and University Medical Center (UMC) Infrastructure Improvements; as well as S. Galvez and Canal Streets.*
- **Fred Mortali, PE:** Civil & Hydraulic Engineer with a Bachelor of Engineering in Civil Engineering and 31 years experience. *Mr. Mortali recently served as the Program Manager for the Design and Construction of \$83 million of FEMA funded concrete and asphalt street improvements for the East Bank of Jefferson Parish.*

- **Neil Logan, PE:** Senior Civil & Structural Engineer, with a B.S. in Civil Engineering and 63 years experience. *Mr. Logan has extensive experience designing Parish and LADOTD roadways, highways and bridges, as well as large drainage structures - such as the Improvements to Drainage Canal No. 3 in Jefferson Parish which consisted of an 1800 LF, 90'w concrete flume section with side slope paving and a capacity of 4000 CFS.*
- **Dennis Voss, NICET:** Senior Engineering Technician with 58 years experience. He has been certified by the National Institute for Certification in Engineering Technology as a Level IV Technician. *Mr. Voss has provided Civil Engineering Design services for virtually every roadway project that N-Y has undertaken in Jefferson Parish.*

N-Y is considered a leader in the engineering field. Our professional staff members keep abreast of the latest technological advances and are active members in a variety of professional organizations including:

- American Society of Civil Engineers
- Society of American Military Engineers
- Council of Engineering Companies of Louisiana
- Louisiana Engineering Society
- American Council of Engineering Companies
- American Public Works Association
- National Society of Professional Engineers
- American Concrete Institute
- Water Environment Federation
- American Waterworks Association
- American Planning Association
- American Institute of Architects
- Louisiana Architects Association

➤ Subconsultants

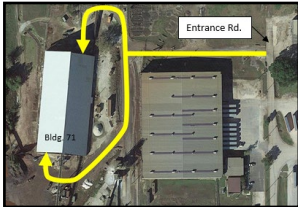
N-Y has significant experience managing and coordinating subconsultants for all required basic and supplemental services. To supplement our in-house staff, we will utilize the following subconsultant firms, each of which have extensive experience working with N-Y and in Jefferson Parish.

- **BFM Corporation, LLC** will provide all required topographic surveying.
- **Gulf South Engineering and Testing, Inc.** will provide all required geotechnical engineering.
- **Urban Systems, Inc.** will provide all required traffic engineering services.

- **IMC Consulting Engineers, Inc. will provide all required mechanical and electrical engineering services.**

➤ Experience

In addition to the project experience outlined in Section L of this form, N-Y also has the following relevant roadway and drainage experience:



Globalplex Access Road to Building 71; Port of South Louisiana; Reserve, LA: Design, Bidding, Construction Administration for a new access road from the Globalplex

entrance road to Building 71. The new access road will be a 24-foot-wide concrete pavement roadway with catch basins, subsurface drainage, utility relocations, and roadway lighting. The access road also includes a skewed railroad grade crossing.

Improvements to Streets and Subsurface Drainage for the Bunche Village Subdivision; Jefferson Parish, LA: Design, Bidding, Construction Administration and Resident



Inspection for subsurface drainage and street improvements in the Bunche Village Subdivision along Meadow Street and Myrtle Street between Ivy Street and Mistletoe Street.



Improvements to Streets and Subsurface Drainage for the Maplewood/ Paillet Subdivision; Jefferson Parish, LA: Design, Bidding, Construction Administration and Resident

Inspection for subsurface drainage and street improvements in the Maplewood/Paillet Subdivision along Gretna Boulevard between Gardere Canal and Redwood Street, Maplewood Street between Gretna Boulevard and 3rd Street, 9th Street between Gardere Canal and Redwood Street, and Dogwood and Redwood Streets between 9th Street and Doliac Street.

LA Highway 23 (Happy Jack to N. Port Sulphur); Plaquemines Parish, LA:

Environmental Assessment and Design for reconstructing a 3.8 mile segment of existing two-lane roadway to a new four-lane divided asphalt roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.



LA 1085 (Bootlegger Road); St. Tammany Parish, LA:

The existing intersection of Bootlegger Road with Francis Road on the north and the newly completed Ochsner Boulevard on the

south was replaced with a single-lane roundabout. The project includes relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.

Tyler Drive Improvements;

Slidell, LA: Feasibility Study, Design, Bidding and Construction Administration for improvements to Tyler Drive including a new turning lane onto Gause Boulevard.



2. CAPACITY FOR TIMELY COMPLETION

The N-Y Team has ample capacity of personnel, computer software and equipment to provide any anticipated tasks related to this contract in a timely, efficient and cost effective manner. Taking into consideration the firm's present and projected workload, the depth of our staff will ensure that your project will progress even with normal loss of staff time due to vacations, sick leave and other absences.

3. LOCATION OF THE PRINCIPAL OFFICE

All of N-Y's work will be performed from our local office in Jefferson Parish at 2750 Lake Villa Drive, Metairie, LA 70002.

4. ADVERSARIAL LEGAL PROCEEDINGS

N-Y has no on-going legal proceedings with Jefferson Parish.

5. PRIOR SUCCESSFUL COMPLETION OF PROJECTS

N-Y has been providing engineering services in Jefferson Parish continuously for over fifty (50) years and has successfully completed many projects for the Parish. N-Y's has provided professional services for the following water projects in Jefferson Parish and southeast Louisiana:

- Design for Improvements to Destrehan Avenue, Phases I and II
- Design for Improvements to Veterans Memorial Boulevard, from David Drive to Roosevelt Boulevard
- Design for Improvements to West Esplanade Avenue, from Bonnabel Boulevard to Lake Avenue
- Design for Improvements to West Napoleon Avenue, from Cleary Avenue to Houma Boulevard
- Program Management for the East Bank FEMA Submerged Roads Program

6. SIZE OF FIRM

N-Y's current staff of 24 professional and support personnel are capable of performing the type of routine engineering tasks anticipated from this contract, including project evaluation, project design, drafting of technical plans, development of technical specifications and construction administration. N-Y has the capacity to effectively perform this work with its existing staff and meet any schedules set by the Parish.

7. PAST PERFORMANCE

➤ Cost

N-Y has earned a reputation for consistently designing projects whose construction costs are within budget requirements. This record of successful construction cost control is maintained by an aggressive in-house program of monitoring each project during the concept, preliminary, & final design phase as well as during the construction phase.

The N-Y staff has considerable experience in the analysis and review of cost projections so that cost control is coordinated, and effective as evidenced by most of our recent projects where the actual bid by the general contractor has been within a few percentage points of N-Y's estimate and the owner's programmed budget.

➤ Quality of Work

The quality of our services in the area of planning, design, and construction administration services has been consistently commended by our clients, including projects for the federal government and Jefferson Parish. Most of the firm's clients are repeat clients. N-Y has been working with many clients since it was established 50 years ago.

➤ Compliance with Performance Schedules

N-Y has an established performance record of successfully completing design and/or construction phase services, including the coordination of the services of outside consultants, in accordance with schedules which have been approved by our clients. As a testament to its professionalism and successful project execution, N-Y has been repeatedly selected to provide professional services for many of its clients, including:

- **Jefferson Parish:** N-Y has been providing engineering services in Jefferson Parish continuously for fifty (50) years. *Provided after this section are Letters of Recommendation from Mark Drewes, Director of Engineering and Reda Youssef, former Director of Capital Projects attesting to the exceptional services provided by N-Y.*
- **Louisiana Department of Transportation and Development:** *N-Y has been providing professional services continuously for LADOTD since 1975* for the following types of projects: *Stage 0:* Feasibility Studies, Line & Grade Studies, Environmental Inventories and Corridor Studies; *Stage 1:* Environmental Assessments; Environmental Impact Statements; and Construction Plans and Specifications for Roadway, Highway and Bridge Projects.
- **City of New Orleans, Department of Public Works:** *N-Y has been providing professional engineering services continuously for roadway enhancement and reconstruction projects for NODPW since 1980.* Over the past forty (40) years, N-Y has prepared plans and specifications and provided construction engineering and resident inspection for the reconstruction of over twenty (20) miles of concrete and asphalt urban streets in the City of New Orleans.
- **U.S. Army Corps of Engineers, New Orleans District:** N-Y met all its interim and final deadlines on over thirty (30), post-Katrina Task Orders for the USACE, New Orleans District. *As a testament to the USACE's confidence in N-Y, in 2020 N-Y was one of only four firms (and 1 of only 2 local firms) in the New Orleans District that was awarded a new five-year, General Engineering Services Indefinite Delivery contract.*

N-Y has not had any significant problems with time delays or cost overruns, except in the case of owner-requested and/or owner-approved changes to the original scope of work. **Ninety-five percent (95%) of our work is for government agencies.**

➤ Public Contracts

N-Y has an excellent professional reputation with all of its clients in the south Louisiana area. The firm has provided services to virtually every public agency in the metropolitan area as well as various State and Federal agencies.

Regional Clients:

- Jefferson Parish, Department of Public Works
- Jefferson Parish, Department of Capital Projects
- Jefferson Parish School Board
- City of Kenner
- St. Bernard Parish Government
- St. Bernard Port, Harbor and Terminal District
- St. Bernard Parish School Board
- St. Tammany Parish Government
- St. Tammany Parish School Board
- City of Slidell
- Plaquemines Parish Government
- City of New Orleans, Capital Projects Administration
- City of New Orleans, Department of Public Works
- Sewerage and Water Board of New Orleans
- New Orleans Aviation Board
- Housing Authority of New Orleans
- Orleans Levee District
- Orleans Parish School Board
- Port of New Orleans
- Port of South Louisiana
- St. Mary Parish Library Board
- St. Charles Parish Library Board
- St. Charles Parish, Department of Public Works
- St. John the Baptist Parish Dept. of Public Works

State Clients:

- LA Department of Transportation and Development
- Division of Administration, Facility Planning & Control
- LA Department of Education, Recovery School District

Federal Clients:

- United States Army Corps of Engineers
- United States Department of Labor
- United States Coast Guard
- Naval Support Activity, New Orleans Division
- Southern Division, Naval Facilities Engineering
- United States Postal Service
- United States Fish and Wildlife Service
- United States Department of Veterans Affairs

III. QUALITY CONTROL/ASSURANCE PROGRAM

N-Y considers quality control/assurance and technical review a critical component of our client service philosophy. N-Y's repeated selection by government agencies and private sector clients attests to the quality and consistency of our work. **N-Y has established a Quality Control/Assurance Plan which is customized to meet the individual client's needs and is overseen on each project by the Principal and Project Manager.**

We recognize that a Quality Control/Assurance Plan is only effective if a project is staffed by experienced, responsible and motivated professionals. N-Y's Quality Control/Assurance Plan includes carefully organizing the project team with the Project Manager as team leader and communicating effectively with all persons involved in the design and review processes.

- During the initial phase of the Quality Control/Assurance process, each team member is provided with the Scope of Work to become familiar with the job and formulate any questions or concerns that they may have. Next, the team gathers for a thorough review of the supplied Scope of Work. During this review process, the team collaborates to achieve a clear understanding of the Scope of Work in its entirety. This process takes place as an open forum in which members ask questions that they may have for clarification, with each member being able to contribute their own expertise. Questions that are unable to be answered collectively as a team are documented and compiled into a list for discussion with the Owner. This meeting clarifies and/or resolves any outstanding issues upfront.
- Next, we address the assurance of compliance with any government technical manuals or documents that govern or control design activities that will be performed. A review of each of these documents is carried out, ensuring that each is the most current version. Each element of work to be performed is reviewed for compliance with these documents.
- Project timelines are created to adequately assess each phase of the project. Each phase contains key milestones, as well as completion schedules to confirm that due dates are adhered to. By utilizing these project timelines, Quality Control/Assurance issues are resolved in an efficient and timely manner and not allowed to continue into subsequent phases of the project.

- At the start of the design process, the applicable disciplines and quality assurance reviews are planned. Manhours specifically dedicated to quality assurance reviews are allocated to the project budget. Adequate time is budgeted in the project schedule for the review process and any modifications that may be required. The Quality Control/Assurance Plan is reviewed and approved by the Project Manager. The work product and submittal items of all disciplines are then reviewed prior to each submittal by **Independent Technical Reviewers (ITR)** in each discipline who are not directly involved with the project. The Project Manager also checks and reviews final work products prior to submittals to the client.
- The Principal and the Project Manager receive management information system reports of project progress. Regularly scheduled staff meetings are held, in which projects are reviewed for conformance with predetermined completion schedules. If required, schedules and staffing are promptly adjusted to ensure deadlines are met without any sacrifice in quality.

This multi-level system of quality assurance checks and balances, including detailed reviews by Independent Technical Reviewers, submittal review by the Project Manager, and program monitoring and implementation by the Principal, is the core of N-Y's Quality Control/Assurance Plan.

N-Y's Quality Control/Assurance Plan also extends to each of our subconsultant firms. We insist not only that the leaders of each discipline become involved in the planning and design process, but also the principals of each firm. This raises the level of accountability of our subconsultant firms' team members. N-Y's Quality Control/Assurance Plan will be implemented in parallel with its sub-consultants', incorporating the best attributes of each, to ensure a seamless division of responsibility between the firms.

N-Y maintains, as always, its goal of adherence to client's schedules and budgets. We are constantly striving to improve our Quality Control/Assurance Plan to deliver the highest quality plans and specifications possible and to minimize changes to construction contracts.

IV. THE N-Y ADVANTAGE

N-Y Associates, Inc. is dedicated to providing high-quality, timely, and cost-effective professional services, strongly believing in a management system that recognizes its client's needs. N-Y strives to ensure an excellent working relationship is established with each of its clients by:

- Personally assisting the client from the very early planning stages of the project to the completion of construction;
- Having principals become personally involved in keeping the lines of communication open with the client;
- Assigning experienced project managers who offer innovative and proven solutions to meet the client's needs;
- Making every effort to ensure our resources are efficiently utilized to meet a project's schedule and adhere to a project's budget;
- Managing, Designing and/or Constructing projects that meet or exceed the client's expectations in functionality, low-maintenance, quality, and longevity.

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

Signature: 

Print Name: Michael F. Nicoladis

Title: President

Date: 7/16/2024

N-Y ASSOCIATES, INC. LICENSE

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

Name:	Public Address:
N-Y Associates, Inc.	Mr. Michael Nicoladis 2750 Lake Villa Drive, Suite 100 Metairie, Louisiana 70002-6797

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000585	Active	09/26/1984	09/30/2025	Mr. Frank Nicoladis # PE.0005924; Mr. Constantine Frank Nicoladis #PE.0027095

3. BFM CORPORATION, LLC

(Subconsultant: Surveying)

TEC Professional Services Questionnaire



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provision of Routine Engineering Services for

Streets Projects in Jefferson Parish

SOQ **24-021** | Resolution No. **144319**

B. Firm Name & Address:



BFM Corporation, LLC

15 Veterans Memorial Boulevard | Kenner LA 70062

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:

Ralph P. Fontcuberta, Jr., PLS, Executive Vice President

504-468-8800 | 504-468-8800 cell | ralph@bfmcorporation.com

Registered Professional Land Surveyor (**Louisiana No. 4329; since 1974**)

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:

Ralph P. Fontcuberta, Jr., PLS, Executive Vice President

504-468-8800 | 504-468-8800 cell | ralph@bfmcorporation.com

Registered Professional Land Surveyor (**Louisiana No. 4329; since 1974**)

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

<u>4</u>	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists		Structural Engineers
	Chemical Engineers	<u>1</u>	Geotechnical Engineers		Graduate Engineers
	Civil Engineers		Interior Designers	<u>2</u>	Project Managers
	Construction Inspectors		Landscape Architects		Clerical (<i>see Administrative</i>)
	Ecologists	<u>1</u>	Land Surveyor (<i>Apprentice</i>)		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
	Engineer Intern		Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors			<u>3</u>	<i>CADD Technicians</i>
				<u>6</u>	<i>Survey Crew Chief</i>
				<u>6</u>	<i>Survey Crew Instrumentman</i>
				<u>26</u>	TOTAL

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

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_____ N/A		
I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of the Project: <div style="display: flex; align-items: center;"> <div style="border-bottom: 1px solid black; width: 100px; margin-right: 10px;">26</div> <div>(all personnel will be available for assignment to the project)</div> </div>		

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., résumé) 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:

Ralph P. Fontcuberta, Jr., PLS

Executive Vice President / Registered Professional Land Surveyor

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

42 years (Founding Principal of BFM in 1982); Gulf South Engineering and Testing, Inc. | 2017 to present
57 years total (1967) BFM Corporation, LLC | 1982 to present
Surveys, Inc. | 1967 to 1982
The Boeing Company | 1964 to 1967

Education: Degree(s)/Year/Specialization:

2 yr, Building Trade Curriculum, Delgado, New Orleans
2 yr, Mathematics Curriculum, University of New Orleans

Active Registration: Year first registered/discipline:

1974 / Professional Land Surveyor (Louisiana No. 4329)
1974 / Professional Land Surveyor (Mississippi No. 1633)

Other experience and qualifications relevant to the proposed Project:

Ralph P. Fontcuberta, Jr., PLS has provided services on an almost incalculable number of surveying projects throughout southeastern Louisiana in the past half century and has been a registered Professional Land Surveyor (PLS) since 1974. He is thoroughly knowledgeable in all aspects of surveying: topographic, hydrographic, boundary, right-of-way surveying, and all facets thereof. He has provided surveying services for residential, plant, and industrial layout projects, ranging from small private lots & buildings to multi-million-dollar programs, including the New Orleans FEMA Streets/Recovery Roads Program. Since the beginning of his career, his work has entailed computations, drafting, and field work for various industrial, commercial, municipal, and private clients.

Project work has included topographic surveying needed for a wide variety of engineering, architectural, construction, and other related endeavors. This has included projects for numerous branches of virtually every regional city/parish/town government, multiple State agencies (LA Dept. of Natural Resources (LADNR), Coastal Protection & Restoration Administration (CPRA), LA

TEC Professional Services Questionnaire

Other experience and qualifications: **Ralph P. Fontcuberta, Jr., PLS (continued)**

Dept. of Transportation & Development (LADOTD), MS Dept. of Transportation (MDOT), and others), Federal agencies (U.S. Army Corps of Engineers (USACE), Dept. of the Navy, etc.), private/public companies (Entergy, BellSouth, Cox Cable, etc.), and numerous other public/private entities.

Mr. Fontcuberta's surveying experience with Jefferson Parish can be traced back to BFM's inception in 1982, and to 1967 then while working as a surveyor with another firm. He has over half a century of experience with surveying throughout the region and specifically with Jefferson Parish. He has served as the PLS for projects throughout every corner of Jefferson Parish. Relevant project history includes, but is certainly not limited to, the following:


- West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA
- Manhattan Boulevard Southbound Lanes Widening, Harvey, Jefferson Parish, LA
- Lapalco Boulevard Survey Update, Jefferson Parish, LA
- West Napoleon Avenue Extension (Highway Park Subdivision), Jefferson Parish, LA
- Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA
- Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA
- Causeway Boulevard Overpass (over Airline Drive), Jefferson Parish, LA
- Barataria Boulevard Right Turn Lane, Jefferson Parish, LA
- Hollygrove Group E (RR065) Route Topographic Survey, Jefferson Parish, LA
- Veterans Memorial Boulevard Route Topographic Survey, Jefferson Parish, LA
- Medical Center Boulevard Lighting, Marrero, Jefferson Parish, LA
- Jefferson Highway to Charlotte Drive Route Topographic Survey, River Ridge, Jefferson Parish, LA
- Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA
- Soniat Canal Timber Bulkhead Replacement Route Topographic Survey, Jefferson Parish, LA
- Highway 90 Route Topographic Survey, Jefferson Parish, LA
- Bissonet Plaza Drainage Improvements (Phase 1, Elmwood & Craig Ave), Jefferson Parish, LA
- Transcontinental Drive (North Bound; W. Metairie to Veterans), Metairie, Jefferson Parish, LA
- Earhart Expressway - Proposed Lead Street On/Off Ramps, Jefferson Parish, LA
- Latigue Road Extension, Supplemental Services, Jefferson Parish, LA
- Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA
- Metairie Road Smart Growth: Causeway Boulevard and Metairie Road, Metairie, Jefferson Parish, LA
- Ames Boulevard Rehabilitation, Jefferson Parish, LA
- Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA
- Power Boulevard at Vintage Drive, Kenner, Jefferson Parish, LA
- L&A Road Revision Survey, Jefferson Parish, LA
- Green Acres Road, Metairie, Jefferson Parish, LA
- Veterans Memorial Boulevard - Westbound, Jefferson Parish, LA

TEC Professional Services Questionnaire

Other experience and qualifications: **Ralph P. Fontcuberta, Jr., PLS (continued)**

- Manhattan Boulevard Widening, Harvey, Jefferson Parish, LA
- Hector Avenue Route Topographic Survey, Gretna, Jefferson Parish, LA
- Cousins Boulevard Extension Project, Harvey, Jefferson Parish, LA
- Little Farms Avenue, Jefferson Parish, LA
- David Drive Corridor Project, Metairie, Jefferson Parish, LA
- Latigue Road Extension, Jefferson Parish, LA
- Bissonet Plaza Project Surveying, Metairie, Jefferson Parish, LA
- 11th Street Rehabilitation, Harvey, Jefferson Parish, LA
- Harvey Canal Subdivision Drainage Project, Harvey, Jefferson Parish, LA
- Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, LA
- Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA
- Barataria Boulevard Turn Lane Project, Marrero, Jefferson Parish, LA
- Kenner Marketplace Survey Update, City of Kenner, LA
- South Jamie Boulevard, Avondale, Jefferson Parish, LA
- Route Topographic Surveying for Multiple Streets (VFW Area), City of Harahan, Jefferson Parish, LA
- David Drive Corridor, Jefferson Parish, LA
- Mounes Street Subsurface Drainage (Phase IV, Dickory to Elmwood Park), Jefferson Parish, LA
- Metairie Road & Johnson Street, Route Topographic Survey, Jefferson Parish, LA
- Cleary Avenue Survey Checks, Metairie, Jefferson Parish, LA
- Walter Road at Melrose Avenue, River Ridge, Jefferson Parish, LA
- 25th Street & Adjacent Canal, Gretna, Jefferson Parish, LA
- Causeway Boulevard Overpass at Airline Highway (Phase 5), Metairie, Jefferson Parish, LA
- Lapalco Boulevard Survey Update, Jefferson Parish, LA
- Earhart Expressway Roadway Light Improvements, Jefferson Parish, LA
- Labarre Road Railroad Crossing, Metairie, Jefferson Parish, LA
- Citrus Road Project, Route Topographic Survey, River Ridge, Jefferson Parish, LA
- DOTD H.008068, Peters Road Bridge and Extension Project (Phase 2), Jefferson Parish, LA
- Veterans Memorial Boulevard/Power Boulevard at the Soniat Canal, Jefferson Parish, LA
- Veterans Boulevard RTA Multi-Use Trail, Jefferson Parish, LA
- Airline Overpass Rehabilitation, Phase 2, Jefferson Parish, LA
- Citrus Boulevard Improvements (Dickory Ave to Elmwood Park Blvd), Metairie, Jefferson Parish, LA
- Severn Avenue (Veterans Boulevard to West Esplanade), Metairie, Jefferson Parish, LA
- Airline Drive at Clearview Parkway/Zinnia Ave. to Houma Blvd., Jefferson Parish, LA
- Franklin Avenue (Gretna) Right-of-Way Boundary Survey, Gretna, Jefferson Parish, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Chad M. Poché, P.E. Executive Vice President / Registered Professional Geotechnical Engineer	
Project Assignment:	
Engineering Liaison	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
7 years (became partial owner of BFM in 2017); 31 years total (1993)	<i>BFM Corporation, LLC 2017 to present</i> <i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Eustis Engineering 1996 to 2001</i> <i>Soil Testing Engineers, Inc. 1993 to 1996</i>
Education: Degree(s)/Year/Specialization:	
M.S., 1998, Civil Engineering, University of New Orleans B.S., 1993, Civil Engineering, Louisiana State University	
Active Registration: Year first registered/discipline:	
1998, Civil Engineer (Louisiana No. 27667) 2002, Civil Engineer (Mississippi No. 15405)	
Other experience and qualifications relevant to the proposed Project:	
<p>Chad M. Poché, P.E. is an Executive Vice President with (and partial owner of) BFM Corporation, LLC, and a co-founder of BFM's sister company, Gulf South Engineering and Testing, Inc. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for waste facilities and virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.</p> <p>Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations, and; serving as an Expert Witness. Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Chad M. Poché, P.E. (continued)**

Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA. BFM Corporation provided extensive surveying services for a topographic & hydrographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope. (\$478,744 (fee); 2020)

West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA. BFM provided topographic and right-of-way (R/W) surveying services for the project. Scope included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

Mounes Drive (Dickory to Elmwood Park), Jefferson Parish, LA. BFM provided a topographic survey for the Mounes Drive project, extending from Dickory to Elmwood Park Boulevard. The scope of services included establishing baseline, temporary benchmarks, and elevations, as well as boundary corners. Plotting of improvements and utility elements (sewer, water, drainage, etc.) was also included. (\$88,930 (fee); 2017)

Ames Boulevard Rehabilitation, Jefferson Parish, LA. BFM executed a Route Topographic Survey (RTS); the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area included Ames Boulevard from the apparent right-of-way (R/W) at Lapalco Boulevard to the apparent R/W north of Happy Street; approximately 4,800 linear feet. (\$82,500 (fee); 2019)

Manhattan Boulevard Southbound Lanes Widening, Harvey, Jefferson Parish, LA. BFM executed a Route Topographic Survey of the Manhattan Boulevard southbound lanes from the West Bank Expressway to Gretna Boulevard; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Work consisted of multiple project elements over several years. (\$77,733 (fee); 2018)

Transcontinental Drive (North Bound; W. Metairie Avenue to Veterans Boulevard), Metairie, Jefferson Parish, LA. BFM executed a Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$59,630 (fee); 2020)

Cousins Boulevard Extension Project, Harvey, Jefferson Parish, LA. BFM Corporation provided surveying services for the Cousins Boulevard Extension Project in Harvey, LA. The first phase of the project involved the Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The survey included elements/areas of Lapalco Boulevard, Woodmere Boulevard, and Alex Kommen Boulevard. Cross Sections and rights-of-way were included. The second phase included boundary surveying and abstracting services, including research and working with the Jefferson Parish Legal Department for additional details. (\$49,300 (fee); 2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gary J. Lambert, Jr., PLS

Vice President / Registered Professional Land Surveyor

Project Assignment:

Project Manager/Drafting Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

6 years (joined BFM in 2018);
13 years total (2011)

BFM Corporation, LLC | 2018 to present
Riverlands Surveying | 2016 to 2018
Bertucci Contracting | 2011 to 2016

Education: Degree(s)/Year/Specialization:

B.S., 2018, Geomatics, Nicholls State University

B.S., 2014, Construction Management, Louisiana State University

Active Registration: Year first registered/discipline:

2021, Professional Land Surveyor (Louisiana No. 5929)

Other experience and qualifications relevant to the proposed Project:

Gary J. Lambert, Jr., is a registered Professional Land Surveyor in Louisiana and provides Project Management and Drafting Oversight for BFM Corporation. He is the first point of contact for clients on technical matters, scheduling, and deliverables for project work, and conducts meetings with engineering, architectural, and government officials to discuss various project needs. His project work has encompassed all manner of surveying services, from basic home lots to 100+ acre tract boundary surveys.

In the field, Mr. Lambert has provided services as a Survey Crew Chief, using both traditional and robotic surveying methods, since the start of his professional career, and has experience with Leica, Hypack, AutoCAD, AutoCAD 3D, Trimble, and RTK surveying technologies. He further trains employees in the use of an aerial drone, laser scanner, and remote-controlled hydrographic survey boat. This survey experience includes topographic, boundary, ALTA/NSPS, FEMA, and various construction surveying. Mr. Lambert has also conducted hydrographic surveys in the Mississippi River and various other bodies of water throughout the Gulf Coast area.

Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).

TEC Professional Services Questionnaire

Other experience and qualifications: **Gary J. Lambert, Jr., PLS (continued)**

West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA. BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

Lapalco Boulevard Survey Update, Jefferson Parish, LA. BFM prepared a Site Specific Update Survey for the Lapalco Boulevard project, which built on previous BFM surveys for the location. The field survey recovered and verified the horizontal and vertical control (from previous BFM projects noted). Spot elevations were taken; existing improvements within the designated Limits of Survey were noted. The survey also located utilities, pipes (drainage, water, sewerage), and trees. For the update, BFM specifically located newly-installed steel power poles and steel transmission towers, as well as the structures fronting along Lapalco Boulevard. Project deliverables included comprehensive/updated physical and digital files combining all new & previous survey data. (\$20,480 (fee); 2021)

Medical Center Boulevard Lighting, Marrero, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the proposed lighting project; the survey extended from apparent R/W (right-of-way) to apparent R/W along Medical Center Boulevard from Wichers Drive to the West Bank Expressway (approximately 2,200 linear feet), with spot elevations taken at 50 foot intervals. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$26,410 (fee); 2020)

Power Boulevard at Vintage Drive, Kenner, Jefferson Parish, LA. A survey update was provided by BFM, which was a continuation of a previous surveying project executed by the company. The scope of work included updating or addition of topographic survey at the intersection of Vintage Drive and Power Boulevard, and shooting two cross sections along the canal adjacent to a proposed bridge location. BFM further located the waterline, new monument along Power Boulevard, and located the monument of Lot 7 and adjacent property line along Janice Street and Vintage Boulevard. (\$11,390 (fee); 2019)

Cousins Boulevard Extension Project, Harvey, Jefferson Parish, LA. BFM Corporation provided surveying services for the Cousins Boulevard Extension Project in Harvey, LA. The first phase of the project involved the Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The survey included elements/areas of Lapalco Boulevard, Woodmere Boulevard, and Alex Kommen Boulevard. Cross Sections and rights-of-way were included. The second phase included boundary surveying and abstracting services, including research and working with the Jefferson Parish Legal Department for additional details. (\$49,300 (fee); 2018)

David Drive Corridor Project, Metairie, Jefferson Parish, LA. BFM executed a right-of-way service for this phase of the David Drive Corridor project. BFM has also provided surveying for other elements of the project, including a Route Topographic Survey. (\$3,971 (fee); 2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Christopher Lemley Field Operations Manager/Survey Crew Chief	
Project Assignment:	
Field Operations Manager/Survey Crew Chief	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
10 years (joined BFM in 2014); 18 years total (2006)	<i>BFM Corporation, LLC 2014 to present</i> <i>G.E.C., Inc. 2010 to 2014</i> <i>Krebs, LaSalle, LeMieux Consultants, Inc. 2006 to 2010</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
<i>American Traffic Safety Service Assn. – Traffic Flagger</i> <i>Louisiana Boater Education - Boating Safety Certificate</i> <i>Norfolk Southern Roadway Worker Protection Contractor Safety Certificate</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Chris Lemley's services as BFM's Field Operations Manager includes overseeing all field work and activity by company personnel. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station. Notable past project work has included the New Orleans Museum of Art, Jackson Barracks Restoration, US Highway 11, NASA Michoud Cells 3 & 4, the St. Bernard Lot Next Door Program, and multiple Orleans Parish School Recovery projects (including L.B. Landry, George Washington Carver, and Alice M. Harte schools).</p> <p>Citrus Boulevard Improvements, Jefferson Parish, LA. The project involved an Additional Route Topographic Survey; BFM provided surveying services for the Citrus Boulevard Improvements project, which extended from Dickory Avenue to Elmwood Park Boulevard. (\$7,085 (fee); 2017)</p> <p>Causeway Boulevard Overpass at Airline Highway (Phase 5), Metairie, Jefferson Parish, LA. BFM's surveying services involved the preparation of a Route Topographic Survey (FEMA) for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$41,135 (fee); 2017)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Christopher Lemley (continued)**

Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, LA. BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV of the project involved a topographic survey of the project, extending from Dickory Avenue to Elmwood Park Boulevard. Services provided by BFM included establishment of a baseline, setting temporary benchmarks (TBMs), elevation surveys, locating improvements and utilities as well as natural elements, and right-of-way surveying. (\$23,540 (fee); 2017)

Manhattan Boulevard Widening, Harvey, Jefferson Parish, LA. BFM executed boundary and Right-of-Way takings surveying services for Manhattan Boulevard's southbound lanes, from the West Bank Expressway to Gretna Boulevard. (\$21,150 (fee); 2018)

Cousins Boulevard Extension Project, Harvey, Jefferson Parish, LA. BFM Corporation provided surveying services for the Cousins Boulevard Extension Project in Harvey, LA. The first phase of the project involved the Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The survey included elements/areas of Lapalco Boulevard, Woodmere Boulevard, and Alex Kommen Boulevard. Cross Sections and rights-of-way were included. The second phase included boundary surveying and abstracting services, including research and working with the Jefferson Parish Legal Department for additional details. (\$49,300 (fee); 2018)

David Drive Corridor Project, Metairie, Jefferson Parish, LA. BFM executed a right-of-way service for this phase of the David Drive Corridor project. BFM has also provided surveying for other elements of the project, including a Route Topographic Survey. (\$3,971 (fee); 2018)


Manhattan Boulevard Southbound Lanes Widening, Harvey, Jefferson Parish, LA. BFM executed a Route Topographic Survey of the Manhattan Boulevard southbound lanes from the West Bank Expressway to Gretna Boulevard; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Work consisted of multiple project elements over several years. (\$77,733 (fee); 2018)

Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA. BFM Corporation provided extensive surveying services for a topographic & hydrographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope. (\$478,744 (fee); 2020)

Richard Street Surveys, Gretna, Jefferson Parish, LA. BFM provided surveying services to recover temporary benchmarks (TBMs) at Richard Street, and re-establish vertical TBM control for the Fourth Street Extension. (\$4,520 (fee); 2016)

Latigue Road Extension, Jefferson Parish, LA. BFM executed surveying services related to the Latigue Road Extension project; this included surveying for a right-of-way acquisition. This was phase I of the project for the proposed extension from Foundry Road to Live Oak Boulevard. (\$8,896 (fee); 2015)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
John Philip Thayer Procurement Director (Proposals & Project Management Support)	
Project Assignment:	
Project Management Support	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
16 years (joined BFM in 2008); 17 years total (2007)	<i>BFM Corporation, LLC 2008 to present</i> <i>Delle Land Surveying 2007 to 2008</i>
Education: Degree(s)/Year/Specialization:	
Certificate, 2015, Land Surveying Services B.S., 2007, Physical Education, Trevecca Nazarene University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Phil Thayer serves as BFM's Procurement Director, providing proposal preparation and Project Management Support, having considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.</p> <p>Hector Avenue Route Topographic Survey, Gretna, Jefferson Parish, LA. BFM provided Route Topographic Surveying services for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$29,240 (fee); 2018)</p> <p>Little Farms Avenue, Jefferson Parish, LA. BFM executed a Route Topographic Survey of Little Farms Avenue, from the Jefferson Avenue intersection to the Airline Drive Intersection. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$48,054 (fee); 2018)</p> <p>Route Topographic Surveying for Multiple Streets (VFW Area), City of Harahan, Jefferson Parish, LA. BFM provided Route Topographic Surveying for roadway repair areas in the VFW Area in Harahan; street locations included portions of Kielman Street, VFW Boulevard, Marquette Street, & Prados Street. The work involved the preparation of a Route Topographic Survey for each project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$11,260 (fee); 2018)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **John Philip Thayer (continued)**

David Drive Corridor, Jefferson Parish, LA. Continuation of a previous Route Topographic Survey project, the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Part of Jefferson Parish PW No. 2013-026-RB. (\$11,285 (fee); 2018)

Metairie Road & Johnson Street – Route Topographic Survey, Jefferson Parish, LA. BFM's survey work involved the preparation of a Route Topographic Survey (FEMA) for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$11,955 (fee); 2017)

Causeway Boulevard Overpass at Airline Highway (Phase 5), Metairie, Jefferson Parish, LA. BFM's surveying services involved the preparation of a Route Topographic Survey (FEMA) for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$41,135 (fee); 2017)

Veterans Memorial Boulevard, Clearview Parkway to Severn Avenue, Jefferson Parish, LA. BFM provided topographic surveying services for the project, which encompassed approximately 8300 linear feet of Veterans Memorial Boulevard. This included median crossing (e.g., U-turns) and runs between Clearview Boulevard and Severn Avenue. (\$31,384 (fee); 2016)

Latigue Road Extension, Jefferson Parish, LA. BFM executed surveying services related to the Latigue Road Extension project; this included surveying for a right-of-way acquisition. This was phase I of the project for the proposed extension from Foundry Road to Live Oak Boulevard. (\$8,896 (fee); 2015)

Westwood Drive Rehabilitation, West Bank Expressway to Lapaclo Boulevard, Jefferson Parish, LA. BFM provided topographic surveying services from right-of-way to right-of-way, median, roadway, sidewalks, subsurface utilities, and cross-sections. (\$50,770 (fee); 2014)

MacArthur Drive Interchange Improvements – Phase 1B, US 90 B/ I-910, Jefferson Parish, LA. BFM provided baseline control and additional topographic survey for revised alignment of proposed interchange. (\$4,500 (fee); 2012)

Franklin Avenue (Gretna) Right-of-Way Boundary Survey, Gretna, Jefferson Parish, LA. BFM provided right-of-way boundary surveying services for Franklin Avenue between Stumpf Boulevard and the West Bank Expressway and the Franklin Street Utility Corridor. (\$8,300 (fee); 2011)

Airline Park Boulevard, Jefferson Parish, LA. BFM provided topographic surveying services for the Airline Park Boulevard roadway project, which extended from West Metairie Avenue north to beyond Camphor Street. (\$18,176 (fee); 2010)

Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA. BFM provided topographic surveying services for the project, which extended from W Napoleon Avenue to Veterans Memorial Boulevard. (\$28,515 (fee); 2009)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Dawn Hoffman Researcher/Archivist	
Project Assignment:	
Researcher/Archivist	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
15 years (joined BFM in 2009); 27 years total (1997)	<i>BFM Corporation, LLC 2009 to present</i> <i>Fluor Corporation 2007 to 2009</i> <i>Geographic Computer Technologies, LLC 2000 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Dawn Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with researching in various parishes and cities.</p> <p>Cousins Boulevard Extension Project, Harvey, Jefferson Parish, LA. BFM Corporation provided surveying services for the Cousins Boulevard Extension Project in Harvey, LA. The first phase of the project involved the Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The survey included elements/areas of Lapalco Boulevard, Woodmere Boulevard, and Alex Kommen Boulevard. Cross Sections and rights-of-way were included. The second phase included boundary surveying and abstracting services, including research and working with the Jefferson Parish Legal Department for additional details. (\$49,300 (fee); 2018)</p> <p>Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA. BFM Corporation provided extensive surveying services for a topographic & hydrographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope. (\$478,744 (fee); 2020)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Dawn Hoffman (continued)**

West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA. BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, LA. BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV of the project involved a topographic survey of the project, extending from Dickory Avenue to Elmwood Park Boulevard. Services provided by BFM included establishment of a baseline, setting temporary benchmarks (TBMs), elevation surveys, locating improvements and utilities as well as natural elements, and right-of-way surveying. (\$23,540 (fee); 2017)

DOTD H.971941.1, Severn Avenue Corridor, Metairie, Jefferson Parish, LA. BFM provided surveying services to locate potholes (SUE (subsurface utility engineering) potholing) in the corridor, which extended from Veterans Boulevard (north curb line) eastbound to West Esplanade Avenue (westbound south curb line). (\$13,500 (fee); 2017)

Metairie Road Smart Growth: Causeway Boulevard and Metairie Road, Metairie, Jefferson Parish, LA. BFM prepared a topographic survey of the project site for the Metairie Road Smart Growth Program. This included Metairie Road beneath the Causeway Boulevard Overpass. BFM established a baseline parallel to Metairie Road, set up two temporary benchmarks (TBMs), and located all existing improvements. Cross sections for the project area were taken on a 25 ft. grid within established limits. (\$12,660 (fee); 2019)

Causeway Boulevard Overpass (over Airline Drive), Jefferson Parish, LA. BFM's surveying services included Route Topographic and Boundary Survey for the project, which was located at the Causeway Boulevard Overpass of Airline Drive. This was designated as Phase 3 of the Rehabilitation Project, which included Ramps 4, 5, and the Traffic Circle. Drone Surveying services were also included. (\$68,090 (fee); 2020)

Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA. BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

Labarre Road Railroad Crossing, Metairie, Jefferson Parish, LA. BFM executed a topographic survey with SUE (subsurface utility engineering) for the project. (\$7,556 (fee); 2017)

DOTD H.008068, Peters Road Bridge and Extension Project (Phase 2), Jefferson Parish, LA. BFM's surveying services included the stakeout of parcel (No. 4-2) for the project. (\$1,250 (fee); 2017)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Anthony Watson

CADD Technician (AutoCADD Drafting Services)

Project Assignment:

CADD Technician (AutoCADD Drafting Services)

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

13 years (joined BFM in 2011);
33 years total (1991)

BFM Corporation, LLC | 2011 to present
Krebs LaSalle Lemieux / GEC | 2008 to 2011
Doug Connally and Associates Land Surveying (Dallas, TX) | 1995-2008
Electrician | 1991 to 1995
City of Plano TX (Part-Time Drafting Services) | 1991

Education: Degree(s)/Year/Specialization:

Coursework - CAD, Avatech Solutions, Los Colinas, TX

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Anthony Watson has experience as a draftsman/survey technician, having started his career as an intern with the Surveying Department of the City of Plano, Texas. His experience through the years includes manual and computer-aided drafting for a wide range of projects, ranging from small lot surveys to subdivisions to municipal treatment and private industrial plants. He has experience in all facets of surveying (boundary, topographic, ALTA/ACSM, plan & profile, etc.) in both drafting and field environments.

Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA. BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM),

TEC Professional Services Questionnaire

Other experience and qualifications: **Anthony Watson (continued)**

and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

Lapalco Boulevard Survey Update, Jefferson Parish, LA. BFM prepared a Site Specific Update Survey for the Lapalco Boulevard project, which built on previous BFM surveys for the location. The field survey recovered and verified the horizontal and vertical control (from previous BFM projects noted). Spot elevations were taken; existing improvements within the designated Limits of Survey were noted. The survey also located utilities, pipes (drainage, water, sewerage), and trees. For the update, BFM specifically located newly-installed steel power poles and steel transmission towers, as well as the structures fronting along Lapalco Boulevard. Project deliverables included comprehensive/updated physical and digital files combining all new & previous survey data. (\$20,480 (fee); 2021)

Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, LA. BFM provided surveying services for the Lapalco Boulevard Turn Lane project (JPPW 2017-048-RBP), which involved a westbound left turn lane to southbound Lapalco Boulevard. BFM's scope included a Route Topographic Survey of Lapalco Boulevard at Barataria Boulevard; the full scope plan & profile included all services, utilities, properties, elevations, cross sections, and items necessary to perform any and all engineering and construction work. The project site was subject to road closures during the survey and preliminary construction/preparation phase. (\$46,854 (fee); 2018)

Medical Center Boulevard Lighting, Marrero, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the proposed lighting project; the survey extended from apparent R/W (right-of-way) to apparent R/W along Medical Center Boulevard from Wichers Drive to the West Bank Expressway (approximately 2,200 linear feet), with spot elevations taken at 50 foot intervals. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$26,410 (fee); 2020)

Jefferson Highway to Charlotte Drive Route Topographic Survey, River Ridge, Jefferson Parish, LA. BFM executed a Route Topographic Survey of the project area (Jefferson Highway to Charlotte Drive), which further involved the Midway Drive Drainage Improvements (Phase 2) project in River Ridge. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$19,135 (fee); 2020)

West Napoleon Avenue U-Turn Culvert Crossing Survey, Westgate Subdivision Drainage Improvements, Jefferson Parish, LA. BFM provided topographic surveying of a u-turn on West Napoleon Avenue, midway between Massachusetts Avenue and Mississippi Avenue. The project, which was part of the Westgate Subdivision Drainage Improvements project, also included 16 cross sections. Box culverts were also part of the project layout. (\$4,941 (fee); 2011)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Curtis "Jay" Barrios Survey Crew Chief	
Project Assignment:	
Survey Crew Chief	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
34 years (joined BFM in 1990); 39 years total (1985)	<i>BFM Corporation, LLC 1990 to present</i> <i>Benson Mercedes Benz 1989 to 1990</i> <i>SECO Electric 1987</i> <i>Frishhertz Electric 1986 to 1987</i> <i>Plain Construction 1985 to 1986</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
<i>American Traffic Safety Service Assn. – Traffic Flagger</i> <i>Basic OSHA Training Class Completion</i> <i>Transportation Work Identification Card (TWIC)</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Jay Barrios' surveying experience includes boundary, hydrographic, and topographic. He has been the Survey Crew Chief for thousands of projects and is one of the more experienced surveyors in the area. Further, Mr. Barrios has been involved on major transmission projects for Entergy and South Central Bell (AT&T).</p> <p>Metairie Road Smart Growth: Causeway Boulevard and Metairie Road, Metairie, Jefferson Parish, LA. BFM prepared a topographic survey of the project site for the Metairie Road Smart Growth Program. This included Metairie Road beneath the Causeway Boulevard Overpass. BFM established a baseline parallel to Metairie Road, set up two temporary benchmarks (TBMs), and located all existing improvements. Cross sections for the project area were taken on a 25 ft. grid within established limits. (\$12,660 (fee); 2019)</p> <p>Cousins Boulevard Extension Project, Harvey, Jefferson Parish, LA. BFM Corporation provided surveying services for the Cousins Boulevard Extension Project in Harvey, LA. The first phase of the project involved the Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The survey included elements/areas of Lapalco Boulevard, Woodmere</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Curtis "Jay" Barrios (continued)**

Boulevard, and Alex Kommen Boulevard. Cross Sections and rights-of-way were included. The second phase included boundary surveying and abstracting services, including research and working with the Jefferson Parish Legal Department for additional details. (\$49,300 (fee); 2018)

West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA. BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, LA. BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV of the project involved a topographic survey of the project, extending from Dickory Avenue to Elmwood Park Boulevard. Services provided by BFM included establishment of a baseline, setting temporary benchmarks (TBMs), elevation surveys, locating improvements and utilities as well as natural elements, and right-of-way surveying. (\$23,540 (fee); 2017)

Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA. BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

Causeway Boulevard Overpass (over Airline Drive), Jefferson Parish, LA. BFM's surveying services included Route Topographic and Boundary Survey for the project, which was located at the Causeway Boulevard Overpass of Airline Drive. This was designated as Phase 3 of the Rehabilitation Project, which included Ramps 4, 5, and the Traffic Circle. Drone Surveying services were also included. (\$68,090 (fee); 2020)

Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA. BFM provided surveying services for this bicycle path along Bonnabel Boulevard, extending from Veterans Memorial Boulevard to Lake Pontchartrain, in Metairie, LA. The scope included a Route Topographic Survey (plan only). (\$37,590 (fee); 2020)

DOTD H.971941.1, Severn Avenue Corridor, Metairie, Jefferson Parish, LA. BFM provided surveying services to locate potholes (SUE (subsurface utility engineering) potholing) in the corridor, which extended from Veterans Boulevard (north curb line) eastbound to West Esplanade Avenue (westbound south curb line). (\$13,500 (fee); 2017)

Manhattan Boulevard Right Turn Lanes, Jefferson Parish, LA. BFM prepared a topographic survey along the northbound lanes of Manhattan Boulevard from Gretna Boulevard to the South Frontage Road of the Westbank Expressway. (\$29,420 (fee); 2008)

TEC Professional Services Questionnaire

- L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and 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:
West Esplanade Avenue U-Turn at Bonnabel Canal , Metairie, Jefferson Parish, Louisiana Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd Ste 802 Jefferson LA 70123 Nolan Carreras , 504-736-6515 ncarreras@jeffparish.net	BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet.
Completion Date (Actual or estimated:)	Estimated Cost:
	Entire Project: Work for which Firm was Responsible:
May 2024	N/A \$11,310 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:
West Napoleon Avenue Extension (Highway Park Subdivision) , Jefferson Parish, Louisiana Linfield Hunter & Junius, Inc. 3608 18th Street Metairie LA 70002 Mark Annino , 504-833-5300	BFM provided Route Topographic Surveying services for the West Napoleon Avenue Extension Project, located at the Highway Park Subdivision in Jefferson Parish. The Phase 1 Limits of Survey were noted to be from the apparent right-of-way to apparent right-of-way along the Airport Access Road, from and extend approximately 225 feet North and South from the projected centerline of West Napoleon Avenue.
Completion Date (Actual or estimated:)	Estimated Cost:
	Entire Project: Work for which Firm was Responsible:
January 2021	N/A \$10,095 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Lapalco Boulevard Survey Update, Jefferson Parish, Louisiana Hartman Engineering 527 W Esplanade Ave Ste 300 Kenner LA 70065 Jared Monceaux, P.E., 504-467-5667 jmonceaux@harteng.com	BFM prepared a Site Specific Update Survey for the project, which built on previous BFM surveys for the location. The field survey recovered and verified the horizontal and vertical control (from previous BFM projects noted). Spot elevations were taken; existing improvements within the designated Limits of Survey were noted. The survey also located utilities, pipes (drainage, water, sewerage), and trees. For the update, BFM specifically located newly-installed steel power poles and steel transmission towers, as well as the structures fronting along Lapalco Boulevard. Project deliverables included comprehensive/updated physical and digital files combining all new & previous survey data.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2021	N/A	\$20,480 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Manhattan Boulevard Southbound Lanes Widening, Harvey, Jefferson Parish, Louisiana Professional Engineering Consultants Corporation (PEC) 3702 Bienville Avenue New Orleans LA 70119 John Shires, 504-345-4842 jshires@pecla.com	BFM executed a Route Topographic Survey of the Manhattan Boulevard southbound lanes from the West Bank Expressway to Gretna Boulevard; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Work consisted of multiple project elements over several years.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2021	N/A	\$77,733 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Cousins Boulevard Extension Project, Harvey, Jefferson Parish, Louisiana Digital Engineering 527 W Esplanade Ave Ste 200 Kenner LA 70065 Frank T. Liang, P.E., 504-468-7515 fliang@deii.net	BFM Corporation provided surveying services for the Cousins Boulevard Extension Project in Harvey, LA. The first phase of the project involved the Route Topographic Survey; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The survey included elements/areas of Lapalco Boulevard, Woodmere Boulevard, and Alex Kommen Boulevard. Cross Sections and rights-of-way were included. The second phase included boundary surveying and abstracting services, including research and working with the Jefferson Parish Legal Department for additional details.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2018	N/A	\$49,300 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, Louisiana GEC, Inc. 3445 N Causeway Blvd Ste 401 Metairie LA 70002-3779 Jerome Lohmann, 504-207-6926 jlohmann@gecinc.com	BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2020	N/A	\$18,350 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, Louisiana</p> <p>Hardesty & Hanover 3850 N Causeway Blvd Ste 1850 Metairie LA 70002</p> <p>Dr. Babak Naghavi, P.E., 504-962-9212 bnaghavi@hardestyhanover.com</p>	<p>BFM Corporation provided extensive surveying services for a topographic & hydrographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2020	N/A	\$478,744 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, Louisiana</p> <p>Burk-Kleinpeter, Inc. 4176 Canal Street New Orleans LA 70119</p> <p>Mark K. Roberts, P.E., 504-486-5901 mroberts@bkusa.com</p>	<p>BFM provided surveying services for the Lapalco Boulevard Turn Lane project (JPPW 2017-048-RBP), which involved a westbound left turn lane to southbound Lapalco Boulevard. BFM's scope included a Route Topographic Survey of Lapalco Boulevard at Barataria Boulevard; the full scope plan & profile included all services, utilities, properties, elevations, cross sections, and items necessary to perform any and all engineering and construction work. The project site was subject to road closures during the survey and preliminary construction/preparation phase.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2018	N/A	\$46,854 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Power Boulevard at Vintage Drive, Kenner, Jefferson Parish, Louisiana GEC, Inc. 8282 Greenwood Boulevard Baton Rouge LA 70806 Jerome Lohman, 225-612-3000	A survey update was provided by BFM, which was a continuation of a previous surveying project executed by the company. The scope of work included updating or addition of topographic survey at the intersection of Vintage Drive and Power Boulevard, and shooting two cross sections along the canal adjacent to a proposed bridge location. BFM further located the waterline, new monument along Power Boulevard, and located the monument of Lot 7 and adjacent property line along Janice Street and Vintage Boulevard.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2019	N/A	\$11,390 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Metairie Road Smart Growth: Causeway Boulevard and Metairie Road, Metairie, Jefferson Parish, Louisiana H. Davis Cole & Associates, Inc. 1340 Poydras Street Suite 1850 New Orleans LA 70112 David Martin, P.E., 504-836-2020	BFM prepared a topographic survey of the project site for the Metairie Road Smart Growth Program. This included Metairie Road beneath the Causeway Boulevard Overpass. BFM established a baseline parallel to Metairie Road, set up two temporary benchmarks (TBMs), and located all existing improvements. Cross sections for the project area were taken on a 25 ft. grid within established limits.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2019	N/A	\$12,660 (fee)

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.	<div>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, provides services to public & private concerns throughout Louisiana and the Gulf South. For over 40 years, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic, and hydrographic, as well as drone-based surveying and high-definition laser scanning.

BFM Corporation is a majority Woman-Owned Business Enterprise (WBE) as well as a Hudson Initiative certified Small & Emerging Business and Small Entrepreneurship in Louisiana.

Our capabilities include the following and more:

- Topographic Surveying
- Drone Surveying
- Photogrammic & LiDAR and 3D Laser Scanning
- Bathymetric / Hydrographic Surveys
- Property, Boundary, and Right-of-Way Surveys
- Maps, Cross-Sections, & Data Sets; Benchmarks

TEC Professional Services Questionnaire

N. continued.

- Construction-Related Surveying and Builder's Package Surveys
- American Land Title Association (ALTA) Surveys

BFM's project work routinely involves **extensive records and related research** as an element of successful completion, as well as coordination with the client, agency or department. BFM has the personnel to make sure this is done correctly and expeditiously.

Our **Survey Field Crews** are equipped with Leica Viva and Leica Captivate Data Collectors, as well as Leica GPS Smart Antennas. Each GPS unit is linked to the Leica SmartNet Network, giving each crew the ability for Real Time Kinematic Positioning (RTK), derived from the Global Navigation Satellite System (GNSS). Furthermore, each crew is outfitted with Leica TS series robotic total stations, simplifying and expediting projects. BFM can also use in-house drones and 3D scanners to further analyze sites and projects. BFM's crews are trained to use this equipment to its full potential to maximize accuracy and efficiency in the field.

BFM offers **Drone Surveying Services**, featuring a DJI Matrice 600 Pro drone outfitted with a Sony A7R3 42-megapixel camera, Pixhawk Triggering System, VMAP PPK system, and an A3 Pro Flight Controller. It can capture 50 acres of land allowing BFM to quickly & accurately capture data and facilitates quicker field work to produce highly accurate and precise surveying information. Deliverables feature Clean Point Cloud, 3D Mesh, Orthomosaic, and AutoCAD DWG Topographic.

BFM's **3D modeling capabilities** allow us to process & model for any design purpose. High-definition scanner data is processed using software from Leica and Autodesk. BFM is working on non-traditional survey deliverables, including virtual tours, live walkthroughs, detailed pipe rack modeling, and modeling for use with Autodesk Revit Architecture.

When needed, BFM provides **bathymetric surveying** to handle **any hydrographic surveying tasks**. For large rivers and bodies of water, we are equipped with Teledyne Odom Hydro Solutions' Hydro Trac Single Beam Echo Sounder. For smaller bodies of water, BFM uses an SL20 Remote Controlled Boat equipped with CEE Scope Dual Channel Echo Sounder. We use Hypack Software to process collected data. Further, BFM can execute multi-beam scans, side scans and magnetometer surveys upon request.

Please refer to our projects included in Item L and in our personnel listings in Item K for specific type project examples and an overview of our surveying experience with this project type.

CRITERIA 2 | SIZE OF FIRM

As noted, BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. BFM has no issue with meeting the project deadlines set forth by our clients, both municipal and private. It is our continual goal to keep this reputation solid. Further, we establish base costs and fees for our services, and work with our clients to meet all project budgets.

TEC Professional Services Questionnaire

N. continued.

As noted in **item E** of this form, BFM currently has a **full-time staff of two dozen people**, including **two Registered Professional Land Surveyors, Survey Field Crew Personnel, and AutoCAD drafting personnel**, as well as **complete administrative and support staff**.

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by a contract or project engineer. It is our goal to keep this reputation solid. We establish base costs and fees for our services, and work with our clients to meet all project budgets. Our workload and scheduling, and proximity to the project site, will allow for quick assignment of personnel to any directed project.

BFM Corporation's **Ralph P. Fontcuberta, Jr., PLS**, Executive Vice President, is a **Louisiana-Registered Professional Land Surveyor (since 1974)** and meets or exceeds any minimum requirements for any surveying project. He has been **providing surveying services in Louisiana for over 50 years** and brings an almost incalculable wealth of experience in the region to any project, especially in Southeast Louisiana.

Chad M. Poché, P.E., Executive Vice President, brings **more than 25 years of experience** to assist in completing projects on time and within budget. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana and has been the geotechnical engineer of record for thousands of projects.

Gary J. Lambert, Jr., PLS, Vice President is a **registered Professional Land Surveyor** and provides Project Management & Drafting Oversight and is the first point of contact for clients on technical matters. He meets with engineering, architectural, and government officials to discuss various project needs.

Our personnel included **multiple survey crews** and a **fully-staffed drafting department** to handle any project needs; they are thoroughly trained and extensively familiar with the region and needs of various types of surveying projects.

CRITERIA 4 | PAST PERFORMANCE ON PARISH CONTRACTS

BFM Corporation has provided **surveying services in Jefferson Parish since 1982**, both **directly to Parish agencies and as a consultant to firms serving the Parish**. The firm has executed many hundreds of projects in the Parish, including both direct Parish projects and State agency projects (CPRA, Louisiana DOTD, etc.), not to mention the scores of surveying projects for private individuals and industry.

As noted, Mr. Fontcuberta has **over half a century of professional land surveying experience**, including over 40 years with BFM. **He has provided professional surveying services for thousands of projects for and throughout Jefferson Parish.**

TEC Professional Services Questionnaire

N. continued.

CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

BFM has called Jefferson Parish home office location since the firm's inception in 1982; our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner.

CRITERIA 6 | LEGAL STATEMENT

BFM Corporation is **not involved in litigation with Jefferson Parish** nor with any of our clients, as is noted in Item M of this form.

CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

For over 40 years, BFM Corporation has completed thousands of projects throughout Jefferson Parish and Southeast Louisiana, both to municipal and various private clients, similar to the project at hand, not to mention other drainage projects in a wide range of sizes, from small lot to Parish-wide endeavors. **Multiple examples of this work are included throughout this form in both the Personnel Résumés section (Item K) and Representative Project Work (Item L).** Further, BFM has worked with virtually every municipality in the region. We enjoy a high repeat-business rate with all our clients. We offer the following specific references for contact:

Mark R. Drewes, P.E., Director, Jefferson Parish Public Works Department
(504-736-6783 | JPPW@jeffparish.net)

Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish Public Works Dept.
(504-736-6783 | JPPW@jeffparish.net)

José A. Gonzales, CAO, City of Kenner
(504-468-4090 | jgonzalez@kenner.la.us)

Angela DeSoto, P.E., Director of Engineering, Jefferson Parish
(504-736-6511 | ADeSoto@jeffparish.net)

Sid Trouard, P.E., Program Manager, Jefferson Parish Sewerage Capital Improvement Program
(504-736-6386 | STrouard@jeffparish.net)

Ben Lapine, Acting Director, Department of Drainage, Jefferson Parish
(504-736-6661 | JPSewerage@jeffparish.net)

Our professional work history is exemplary. We strive to provide on-time and technically thorough project deliverables at the budget set by our clients.

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

Signature: _____

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President


Date: June 20, 2024

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

Name:	Public Address:
BFM Corporation, LLC	15 Veterans Memorial Boulevard Kenner, Louisiana 70062

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000008	Active	09/11/1984	09/30/2025	Mr. Ralph P. Fontcuberta Jr. # PLS.0004329




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

Mr. Ralph P. Fontcuberta Jr.

License/Certificate Type - Number	Expiration Date
PLS.0004329	09/30/2024

Status: **Active**




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

Mr. Chad Mitchell Poche

License/Certificate Type - Number	Expiration Date
PE.0027667	09/30/2024

Status: **Active**




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

Mr. Gary James Lambert Jr.

License/Certificate Type - Number	Expiration Date
PLS.0005259	03/31/2026

Status: **Active**



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

Mr. William Mead Farber

License/Certificate Type - Number	Expiration Date
EI.0033903	03/31/2025

Status: **Active**



Division of Small and Emerging Business Development
SEBD CERTIFICATION

BFM CORPORATION, LLC

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 7/19/2019 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

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



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

BFM CORPORATION, LLC

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

This certification is valid from 9/13/2023 to 9/13/2024 .

Certification No. 9551

Stephanie Hartman,
Director, Entrepreneurial Services

4. GULF SOUTH ENGINEERING AND TESTING, INC.
(Subconsultant: Geotechnical Engineering)

TEC Professional Services Questionnaire



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provision of Routine Engineering Services for

Streets Projects in Jefferson Parish

SOQ **24-021** | Resolution No. **144319**

B. Firm Name & Address:



Gulf South Engineering and Testing, Inc.

15 Veterans Memorial Boulevard | Kenner LA 70062

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:

Chad M. Poché, P.E., Executive Vice President

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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:

Chad M. Poché, P.E., Executive Vice President

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

<u>7</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>2</u>	Geotechnical Engineers	<u> </u>	Graduate Engineers
<u> </u>	Civil Engineers	<u> </u>	Interior Designers	<u>1</u>	Project Managers
<u>10</u>	Construction Inspectors	<u> </u>	Landscape Architects	<u> </u>	Clerical (<i>see Administrative</i>)
<u> </u>	Ecologists	<u> </u>	Land Surveyor (<i>Apprentice</i>)	<u> </u>	Grant/Funding Specialist
<u> </u>	Electrical Engineers	<u> </u>	Mechanical Engineers	<u> </u>	Sanitary Engineers
<u> </u>	Engineer Intern	<u> </u>	Environmental Engineers	<u>1</u>	CMT Supervisor
<u>1</u>	Professional Land Surveyors	<u> </u>		<u>1</u>	Construction Svcs Manager
				<u>4</u>	Laboratory Personnel
				<u>3</u>	Soil Boring Personnel
				<u>30</u>	TOTAL

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

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_____ N/A

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

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

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

30 (all personnel will be available for assignment to the project)

TEC Professional Services Questionnaire

- K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., résumé) 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:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Geotechnical Engineer / Principal In Charge

Name of Firm with which associated:



Years' experience with this Firm:

13 years (founded Gulf South in 2011);
31 years total (1993)

BFM Corporation, LLC | 2017 to present
Gulf South Engineering and Testing, Inc. | 2011 to present
Ardaman and Associates, Inc. | 2007 to 2011
Eustis Engineering | 1996 to 2001
Soil Testing Engineers, Inc. | 1993 to 1996

Education: Degree(s)/Year/Specialization:

M.S., 1998, Civil Engineering, University of New Orleans
B.S., 1993, Civil Engineering, Louisiana State University

Active Registration: Year first registered/discipline:

1998, Civil Engineer (Louisiana No. 27667)
2002, Civil Engineer (Mississippi No. 15405)

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E., is Executive Vice President, co-founder, and a Principal in Gulf South. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations and serving as an Expert Witness.

TEC Professional Services Questionnaire

Other experience and qualifications: **Chad M. Poché, P.E. (continued)**

Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA. Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); 2022)

Earhart Expressway Lighting Improvements (Clearview Parkway to Central Avenue), Jefferson Parish, LA. Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, pile inspection, and concrete testing and inspection. (\$10,000 (fee); 2019)


Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA. Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2021)

Airline Highway Street Lighting (Waldo St. to Transcontinental Dr.), Jefferson Parish, LA. Geotechnical investigation for new street lighting along the eastbound lane of Airline Highway from Waldo St. to Transcontinental Dr. in Jefferson Parish, LA. Scope of work included drilling 7 soil borings each to a depth of 50 feet, laboratory testing, and geotechnical engineering analysis consisting of allowable pile load capacities, estimates of settlement, slope stability analyses, and general construction recommendations. Pavement coring and a police escort were required for the borings. (\$17,500 (fee); 2014)

Airline Park Blvd. Rehabilitation and Drainage Upgrade (W. Napoleon to Camphor), Jefferson Parish, LA. Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor. Scope of work included drilling four soil borings (depths of 15 & 50 ft), laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations. (\$8,500 (fee); 2015)

Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA. Geotechnical investigation for new drainage improvements along Trudeau Drive at W. Metairie Blvd. in Metairie, LA. The improvements will consist of replacing existing box culverts within W. Metairie Canal with double barrel 7 ft. x 11 ft. culverts, approximately 300 linear feet. Gulf South's scope includes drilling two soil borings each to a depth of 50 feet, lab testing, and geotechnical engineering analysis consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, slope stability analysis, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$8,000 (fee); 2015)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Bryson S. Beard, P.E., ACI Associate Geotechnical Engineer/Field Engineer	
Project Assignment:	
Associate Geotechnical Engineer/Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
2 years (joined Gulf South in 2022); 3 years total (2021)	<i>Gulf South Engineering and Testing, Inc. 2022 to present</i> <i>TetraTech, Inc. 2021 to 2022</i>
Education: Degree(s)/Year/Specialization:	
B.S., Geological Engineering (2021; University of Mississippi)	
Active Registration: Year first registered/discipline:	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
Other experience and qualifications relevant to the proposed Project:	
<p>Bryson S. Beard, P.E., is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling.</p> <p>Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</p> <p>Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA. Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); 2022)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Bryson S. Beard, P.E., ACI (continued)**

Barber Road Bank Stabilization, Paradis, St. Charles Parish, LA. Geotechnical engineering services for portions of the road that have failed or are failing into the ditch along Barber Road in Paradis, LA. Gulf South's scope includes drilling five borings (depth of 40 feet below ground surface), laboratory testing, engineering analyses (slope stability analyses, pavement design) and general construction procedures and recommendations. (\$12,000 (fee); 2022)

Geotechnical Exploration Proposal: Off System Road Bridge Replacement, Lock No. 2 Road, St. Tammany Parish, LA. Geotechnical engineering services for the project which consists of the construction of a replacement bridge across an existing canal off Lock No. 2 Road in St. Tammany Parish, LA. The new bridge will be pile supported and designed in accordance with Louisiana DOTD standards. The scope of services included subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon project requirements. Gulf South's scope includes field exploration (drilling of soil borings), laboratory testing, engineering analyses (pile load capacities, settlement estimates, flexible pavement design recommendations, sieve analyses of stream bed soils) and general construction procedures and recommendations. (\$12,500 (fee); 2022)

Brewster Road/LA 1077 Drainage Improvements, Madisonville, St. Tammany Parish, LA. Geotechnical engineering services for drainage improvements at the existing parish canal off LA-1077 and Galatas Road in Madisonville, St. Tammany Parish, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet (2 locations) and 30 feet (3 locations) below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$20,000 (fee); 2022)

E. Minnesota Park Roundabout Study (Minnesota Park Rd. and S. Range Rd.), Hammond, Tangipahoa Parish, LA. Geotechnical engineering services for the construction of a new paved roundabout roadway intersection at Minnesota Park Road and S. Range Road in Hammond, LA. Gulf South's scope includes drilling five undisturbed soil borings each to a depth of 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations for Rigid or Flexible pavements. (\$8,500 (fee); 2023)

New Roundabout (Lowes Ave at LA Hwy 44), Gonzales, Ascension Parish, LA. Geotechnical engineering services for the construction of a paved roundabout at the intersection of Lowes Avenue and Louisiana Highway 44 in Ascension Parish, LA. Gulf South's scope includes drilling four undisturbed soil borings (3 borings through existing pavement and 1 boring within an unpaved area) to depths of 10 feet below the ground surface, pavement coring, traffic control, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$9,500 (fee); 2023)

Level Street Overlay, Town of Abita Springs, St. Tammany Parish, LA. Geotechnical engineering services for the mill and overlay of Level Street (overall length of approx. 10,000 ft.) in Abita Springs, LA. Gulf South's scope of services included drilling 10 undisturbed soil borings to depths of four feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,500 (fee); 2023)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Joseph H. “Trey” Binder, III, ACI Laboratory Manager	
Project Assignment:	
Laboratory Manager; Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years’ experience with this Firm:	
13 years (joined Gulf South in 2011); 13 years total (2011)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 2006 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., General Studies (2006; Nunez Community College)	
Active Registration: Year first registered/discipline:	
HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician	
Other experience and qualifications relevant to the proposed Project:	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p>Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA. Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South’s scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); 2022)</p> <p>Earhart Expressway Lighting Improvements (Clearview Parkway to Central Avenue), Jefferson Parish, LA. Gulf South provided the materials testing and inspection during construction. Gulf</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Joseph H. "Trey" Binder, III, ACI (continued)**

South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, pile inspection, and concrete testing and inspection. (\$10,000 (fee); 2019)

Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA. Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2021)

West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, LA. Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$10,000 (fee); 2019)

Airline Highway Street Lighting (Waldo St. to Transcontinental Dr.), Jefferson Parish, LA. Geotechnical investigation for new street lighting along the eastbound lane of Airline Highway from Waldo St. to Transcontinental Dr. in Jefferson Parish, LA. Scope of work included drilling 7 soil borings each to a depth of 50 feet, laboratory testing, and geotechnical engineering analysis consisting of allowable pile load capacities, estimates of settlement, slope stability analyses, and general construction recommendations. Pavement coring and a police escort were required for the borings. (\$17,500 (fee); 2014)


FEMA Submerged Roads Program, District 5 – Project 1, Jefferson Parish, LA. Perform asphalt and roadway testing and inspection as requested. (\$15,000 (fee); 2014)

FEMA Submerged Roads Program (CMT): Phase 3, Metairie, Jefferson Parish, LA. Perform asphalt and roadway testing and inspection as requested. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. Gulf South also provided asphalt batch plant inspection. (\$10,000 (fee); 2016)

Airline Park Blvd. Rehabilitation and Drainage Upgrade (W. Napoleon to Camphor), Jefferson Parish, LA. Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor. Scope of work included drilling four soil borings (depths of 15 & 50 ft), laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations. (\$8,500 (fee); 2015)

Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA. Geotechnical investigation for new drainage improvements along Trudeau Drive at W. Metairie Blvd. in Metairie, LA. The improvements will consist of replacing existing box culverts within W. Metairie Canal with double barrel 7 ft. x 11 ft. culverts, approximately 300 linear feet. Gulf South's scope includes drilling two soil borings each to a depth of 50 feet, lab testing, and geotechnical engineering analysis consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, slope stability analysis, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$8,000 (fee); 2015)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Eric A. Paille, C.E.T., ACI Construction Services Manager	
Project Assignment:	
Construction Services Manager	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
13 years (joined Gulf South in 2011); 35 years total (1989)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 1988 to 2007</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
<i>ACI-I Field Technician (since 1991; No. 929012)</i> <i>Certified Engineering Technician (since 1992)</i> <i>Nuclear Gauge Safety Training (since 1994; No. 061321)</i> <i>Pile Driving Analyzer/CAPWAP, OSHA 40 HAZWOPER</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Eric A. Paille, C.E.T., ACI, serves as Gulf South's Construction Services Manager as well as the manager of our Gonzales office. He has experience as a technician, inspector, and testing manager, and is knowledgeable in all aspects of construction materials testing and construction inspection. Mr. Paille has performed all applicable field and soil tests over the past 30+ years. In addition, he is certified in the safe use and handling of the nuclear density gauge. He received PDA training in 2003 and has knowledge of PDA testing along with significant experience with pile driving analyzers. Mr. Paille is one of the most knowledgeable people in our industry.</p> <p>Airline Park Blvd. Rehabilitation and Drainage Upgrade (W. Napoleon to Camphor), Jefferson Parish, LA. Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor. Scope of work included drilling four soil borings (depths of 15 & 50 ft), laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations. (\$8,500 (fee); 2015)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Eric A. Paille, C.E.T., ACI (continued)**

FEMA Submerged Roads Program (CMT): Phase 3, Metairie, Jefferson Parish, LA. Perform asphalt and roadway testing and inspection as requested. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. Gulf South also provided asphalt batch plant inspection. (\$10,000 (fee); 2016)

FEMA Submerged Roads Program (CMT): Phase 4, Metairie, Jefferson Parish, LA. Project consisted of the construction of new paving and roadways for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Our scope of services included performing concrete and asphalt testing and inspection, and earthwork testing and inspection including soil sampling and field density tests. (\$7,500 (fee); 2015)

FEMA Submerged Roads Program, District 5 – Project 1, Jefferson Parish, LA. Perform asphalt and roadway testing and inspection as requested. (\$15,000 (fee); 2014)

New Orleans Streets Program (RR 010), Broadmoor Group A, City of New Orleans LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$54,081 (fee); 2020)

MLK Boulevard, Claiborne to St. Charles Avenue (DPW573), City of New Orleans, LA. Gulf South is providing construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$52,000 (fee); 2023)


West End Group B (RR194), New Orleans, LA. Gulf South is provided construction materials testing and inspection during construction of the Mid City Group B Project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$21,691 (fee); 2023)

Roadway and Drainage Infrastructure Improvements (Destrehan Drive and River Oaks Drive), Destrehan, St. Charles Parish, LA. Gulf South provided geotechnical engineering services for drainage improvements at two existing roadways sites within the City of Destrehan in St. Charles Parish, LA. Scope of services includes drilling six undisturbed soil borings (depths of 10 ft. below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,500 (fee); 2021)

Central City Group A (RR021), City of New Orleans, LA. Gulf South is providing construction materials testing and inspection during construction of the Central City Group A Project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$49,062 (fee); 2023)

St. James Road Program 2023 (Nicole Street), Paulina, St. James Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests and asphalt inspection. (\$7,220 (fee); 2023)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Ian Kerner Poché, ACI Assistant Laboratory Supervisor	
Project Assignment:	
Assistant Laboratory Supervisor	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
7 years (joined Gulf South in 2017); Gulf South Engineering and Testing, Inc. 2017 to present 7 years total (2017)	
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03) ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)	
Other experience and qualifications relevant to the proposed Project:	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p>Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA. Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); 2022)</p> <p>Kinler & Paul Fredrick Street Drainage Improvements, Luling, St. Charles Parish, LA. Geotechnical investigation for paved and/or reconstruction of Kinler and Paul Frederick Streets in Luling in St. Charles Parish, LA. Scope included drilling a total of 10 undisturbed soil borings for the project (5 borings within each roadway; 10 feet bps). Geotechnical laboratory testing was performed on selected samples collected during the exploration in accordance with appropriate ASTM standards; this included strength tests (unconfined and/or triaxial) and classification tests (Atterberg Limits and/ or particle size). Following the collection of the field and laboratory data, a geotechnical engineer performed the evaluations necessary to characterize the subsoil conditions of the site and develop the engineering recommendations and analyses. This included current pavement materials and thicknesses, flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2022)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Ian Kerner Poché, ACI (continued)**

New Orleans Streets Program (RR 010), Broadmoor Group A, City of New Orleans LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$54,081 (fee); 2020)

Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA. Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)

Woodlake Drainage Pump Station - Geotechnical Exploration Report, Kenner, Jefferson Parish, LA. Prepared a Geotechnical Exploration Report for the project which consisted of a new drainage pump station located in Kenner, LA. Access to the canal was via Lake Pontchartrain. During the Field investigation, Gulf South drilled multiple undisturbed soil borings with one performed in the canal and the remaining on land. Geotechnical laboratory testing (ASTM standards) was performed. Following the collection of the field and laboratory data, evaluations necessary to characterize the subsoil conditions of the site were performed; findings, conclusions, and recommendations were presented in the final report. (\$48,000 (fee); 2024)

Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive in Metairie, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$8,500 (fee); 2023)

New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new two-story (7,300 sf) building located at 1118 David Drive in Kenner, LA. Field investigation included drilling four undisturbed soil borings (depths below the ground surface of 60 ft for the new building and 10 feet for the new paved area) and sampled on 5 foot centers. Laboratory testing included strength tests, classification tests, with other testing as appropriate. Geotechnical engineering evaluation characterized the subsoil conditions of the site and developed engineering recommendations and analyses (allowable soil bearing values, allowable pile load capacities, estimate of settlement, pavement design, and general construction procedures and recommendations. (\$8,900 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Brandon A. Paille, ACI Construction Materials Testing (CMT) Supervisor/Project Manager	
Project Assignment:	
Construction Materials Testing (CMT) Supervisor/Project Manager	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
5 years (2012-2016; 2023 to present); 14 years total (2010)	<i>Gulf South Engineering and Testing, Inc. 2023 to present</i> <i>Ascension Parish Sheriff's Office 2016 to 2023</i> <i>Gulf South Engineering and Testing, Inc. 2012 to 2016</i> <i>Ardaman and Associates, Inc. 2010 to 2012</i>
Education: Degree(s)/Year/Specialization:	
<i>High School Diploma</i>	
Active Registration: Year first registered/discipline:	
APNGA Nuclear Gauge Safety ACI Field Technician Level 1 OSHA Safety Training – 8 hr.	
Other experience and qualifications relevant to the proposed Project:	
<p>Brandon A. Paille, ACI has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, hydrometers, Atterberg limits, organic contents, moisture contents, proctor compaction tests, sieve analyses, as well as extrusion of samples. Mr. Paille's field experience includes soil inspection and testing consisting of nuclear density testing, soil boring logging, concrete testing and inspections, timber and precast pile logging and vibration monitoring. In Mr. Paille's years in the construction materials testing industry, he has obtained a vast amount of knowledge and experience which makes him an integral part of our Gulf South Team.</p> <p>St. James Road Program 2023 (Nicole Street), Paulina, St. James Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests and asphalt inspection. (\$7,220 (fee); 2023)</p> <p>FEMA Submerged Roads Program, District 5 – Project 1, Jefferson Parish, LA. Perform asphalt and roadway testing and inspection as requested. (\$15,000 (fee); 2014)</p> <p>FEMA Study - Flood Damaged Roads (Parish-Wide), Ascension Parish, LA. Gulf South performed over 30 pavement cores to measure in place base and surface material types and thickness, and collected samples for testing. The firm further performed laboratory analyses and engineering evaluation to determine the effects of flooding and submerged time on various base types. (\$20,000 (fee); 2017)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Brandon A. Paille, ACI (continued)**

Submerged Roads Program: District 5, Project 1, Jefferson Parish, LA. Gulf South performed asphalt testing and inspection as instructed by the client. (\$12,000 (fee); 2013)

New North Terminal – Roads, Louis Armstrong New Orleans International Airport, LA. Gulf South performed field and laboratory testing during construction of various roads at the New North Terminal at the Louis Armstrong New Orleans International Airport in Kenner, Louisiana. Gulf South provided QA oversight of the contractor for the owner for this \$1.2 billion project which consists of the construction of a new terminal facility including a new 800,000 sf building, vehicle ramps, parking, etc. QA inspection consists of pile monitoring, concrete inspection and testing, earthwork testing and inspection, and steel inspection. (\$250,000 (fee); 2019)

2015 Road Maintenance Project (Phase 2), Ascension Parish, LA. Gulf South performed inspection and field and laboratory testing during construction of road maintenance projects throughout Ascension Parish. These projects consisted of many roads and thousands of linear feet of new road sections. Scope of work included asphalt coring, thickness and density measurements, base course testing and inspection, and asphalt testing & inspection. (\$31,000 (fee); 2016)

2015 Road Maintenance Project (ENG-15-001), Ascension Parish, LA. Gulf South performed inspection and field and laboratory testing during construction of the road maintenance projects throughout Ascension Parish. These projects consisted of many roads and thousands of linear feet of new road sections. Scope of work included asphalt coring, thickness and density measurements, base course testing and inspection, and asphalt testing & inspection. (\$29,729 (fee); 2016)

2014 Road Maintenance Project, Ascension Parish, LA. Gulf South performed inspection and field and laboratory testing during construction of the road maintenance in Ascension Parish. (\$65,000 (fee); 2015)

CNO Touro - Roads, Sidewalk and Curb, New Orleans, LA. Perform construction material testing and inspection during construction of the CNO Touro Roads, Sidewalk and Curb in New Orleans. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. (\$10,000 (fee); 2014)

FEMA Submerged Roads Program, Bayou St. John & Fairgrounds Neighborhoods, City of New Orleans, LA. Geotechnical investigation for the City of New Orleans, FEMA Submerged Roads Program, to determine existing pavement conditions (thickness and material types). This investigation was for the Seventh Ward Neighborhoods in New Orleans, LA. Scope of work included drilling 8 pavement cores and 2 soil borings to a depth of 5 feet (2 in concrete, 4 in asphalt, 2 in combo. concrete/asphalt), performing laboratory testing, and providing engineering reports of our findings. (\$7,786 (fee); 2014)

FEMA Submerged Roads Program, Florida Avenue Neighborhood, City of New Orleans, LA. Geotechnical investigation for the City of New Orleans, FEMA Submerged Roads Program, to determine existing pavement conditions (thicknesses and material types). This investigation was for the Florida Avenue Neighborhood in New Orleans, LA. Scope of work included drilling 19 pavement cores and soil borings to a depth of 5 feet (13 in asphalt and 6 in concrete), performing laboratory testing, and providing engineering reports of our findings. (\$20,945 (fee); 2013)

TEC Professional Services Questionnaire

- L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include 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:
Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, Louisiana Hartman Engineering, Inc. 527 W Esplanade Ave Ste 300 Kenner LA 70065 B.K. Sneed, 504-466-5667 bksneed@harteng.com	Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations.
Completion Date (Actual or estimated:)	Estimated Cost:
	Entire Project:
June 2022	N/A
	Work for which Firm was Responsible:
	\$14,000 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:
Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, Louisiana Ardurra Group, Inc. 3012 26th Street Metairie LA 70002 Joe Becker, P.E., 504-454-3866 jbecker@ardurra.com	Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.
Completion Date (Actual or estimated:)	Estimated Cost:
	Entire Project:
January 2021	N/A
	Work for which Firm was Responsible:
	\$8,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Latigue Road Extension (Phase I; Live Oak Blvd. to Foundry Rd.), Jefferson Parish, Louisiana ECM Consultants, Inc. 4409 Utica Street Suite 200 Metairie LA 70006 Sunina Shrestha, P.E., 504-885-4080 sshrestha@ecmconsultants.com	Geotechnical investigation for a new paved extension road (approx. 1,000 lf) between Live Oak Boulevard and Foundry Road in Jefferson Parish, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 10 ft.), lab testing, and engineering analyses including flexible pavement design recommendations and general construction procedures & recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2018	N/A	\$7,000 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Airline Park Boulevard Rehabilitation and Drainage Upgrade (West Napoleon to Camphor), Jefferson Parish, Louisiana PECC 3702 Bienville Avenue, Suite C New Orleans LA 70119 John Shires, P.E., 800-749-2810 jshires@pecla.com	Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor in Metairie, LA. Gulf South's scope of work included drilling four soil borings to depths of 15 and 50 feet, laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 2015	N/A	\$8,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
David Drive Drainage Improvements (West Esplanade Avenue to Bruin Drive), Jefferson Parish, Louisiana Rahman & Associates, Inc. 3645 Williams Blvd Ste 208 Kenner LA 70065 Tafoor Hameed, P.E., 504-469-0022 tafoor@bellsouth.net	Geotechnical investigation for the reconstruction of David Drive and the construction of drainage improvements (approx. 3000 ft.) along David Drive from W. Esplanade Avenue to Bruin Drive in Metairie. Gulf South's scope includes drilling four soil borings each to a depth of 20 feet, lab testing, and geotechnical engineering analysis including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, pavement design recommendations, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2015	N/A	\$7,500 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Airline Highway Street Lighting (Waldo St. to Transcontinental Dr.), Jefferson Parish, Louisiana Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd Ste 802 Jefferson LA 70123 Ryan Breaux, P.E., 504-736-6514 rabreaux@jeffparish.net	Geotechnical investigation for new street lighting along the eastbound lane of Airline Highway from Waldo St. to Transcontinental Dr. in Jefferson Parish, LA. Scope of work included drilling 7 soil borings each to a depth of 50 feet, laboratory testing, and geotechnical engineering analysis consisting of allowable pile load capacities, estimates of settlement, slope stability analyses, and general construction recommendations. Pavement coring and a police escort were required for the borings.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	N/A	\$17,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, Louisiana</p> <p>Hatch Mott MacDonald 650 Poydras Street, Suite 2025 New Orleans LA 70130</p> <p>Many Heymann, P.E., 504-799-0437 many.heyman@hatchmott.com</p>	<p>Geotechnical investigation for new drainage improvements along Trudeau Drive at W. Metairie Blvd. in Metairie, LA. The improvements will consist of replacing existing box culverts within W. Metairie Canal with double barrel 7 ft. x 11 ft. culverts, approximately 300 linear feet. Gulf South's scope includes drilling two soil borings each to a depth of 50 feet, lab testing, and geotechnical engineering analysis consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, slope stability analysis, rigid and/or flexible pavement design recommendations, and general construction recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2015	N/A	\$8,000 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Green Acres Road – New Street Lighting, Metairie, Jefferson Parish, Louisiana</p> <p>Pivotal Engineering, LLC 1515 Poydras St Ste 1875 New Orleans LA 70112</p> <p>Yoseph Shifare, P.E., PTOE, PMP 504-799-3653 yshifare@pivotaleng.com</p>	<p>Geotechnical investigation for construction of a new street lighting along Green Acres Road (Airline Highway to West Metairie Boulevard) in Metairie, LA. Gulf South's scope includes drilling two undisturbed soil borings (depths of 24 ft), lab testing, and engineering analyses including subsoil properties, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 2019	N/A	\$4,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Earhart Expressway Lighting Improvements (Clearview Parkway to Central Avenue), Jefferson Parish, Louisiana Perrin & Carter, Inc. 3501 Ridgelake Drive Metairie LA 70002 Georgia Dufresne, 504-831-7958 gdufresne@perrincarter.com	Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, pile inspection, and concrete testing and inspection.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2019	N/A	\$10,000 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, Louisiana APTIM Environmental & Infrastructure, Inc. 2424 Edenborn Avenue, Suite 450 Metairie LA 70001 Gene Gillen, 504-832-4878 gene.gillen@aptim.com	Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2019	N/A	\$10,000 (fee)

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.	<div>Gulf South Engineering and Testing, Inc. is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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



CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Gulf South Engineering and Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and nearly three dozen employees.

Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year. These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

Gulf South is a woman-owned, Hudson Initiative-certified small entrepreneurship in Louisiana. Our laboratory is AASHTO and CCRL certified and USACE validated.

Geotechnical Engineering Services

Gulf South's ownership and senior management have decades of combined experience in the profession and have completed thousands of projects. One of Gulf South's Principals, Chad M. Poché, P.E., a founding principal and Professional Engineer registered in Civil Engineering in Louisiana and Mississippi, has specific and extensive training & experience in geotechnical engineering. He has three decades of experience in planning, administering, and conducting geotechnical investigations.

TEC Professional Services Questionnaire

N. continued.

The firm has specific engineering experience and training in **Geotechnical Engineering, Foundation Design, and Geology & Geohydrology**; our staff has extensive experience in all aspects of soil mechanics and geotechnical engineering with specific knowledge in the following areas:

- Shallow and deep foundations (piles, shafts, augercast, screw/anchor piles)
- Deep excavations, cofferdams, retaining walls
- Levees and soft ground construction; slope stability & seepage
- Earthwork; settlement analyses
- Shoreline protection
- Scour analyses
- LRFD Design
- Mechanically Stabilized Earth (MSE) Walls
- Development of load test programs
- Geotechnical instrumentation and construction monitoring
- Canals and pump station foundations
- Pipe bedding and backfill
- Roadways, bridges, pavements

Field Investigation Services

Gulf South owns truck mounted (ARDCO C-1000) and track mounted (ARDCO SD 350) drilling rigs with associated and appurtenant support equipment (water trucks and buggy). Our equipment and crews are capable of drilling soil borings to depths of up to 300 feet and installing monitor wells, piezometers, and inclinometers. We can also perform CPT soundings, geoprobe borings, and field testing at any site. Our staff has extensive experience in planning, oversight, and direction of field investigations.

Laboratory Testing Services

Gulf South's laboratory is equipped to serve the specific needs of our clients and managed by trained and experienced personnel. All testing is performed in accordance with ASTM, AASHTO, and/or other approved procedures. Gulf South routinely performs soil and concrete strength testing (unconfined and triaxial), soil classification tests (Atterberg limits, moisture content, density, particle size), soil and aggregate sieves, organic content, pH, soil resistivity, and moisture/density relationships (Proctor tests). Gulf South's laboratories are managed by full time, experienced, managers and staff. Further, Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.

Construction Materials Testing & Inspection

Gulf South provides a full range of construction materials testing & inspection services for structures, earthwork, foundations, pipelines, and pavements. The range of services provided includes:

- Fill and base compaction and density testing
- Vibration monitoring
- Pre- and post-construction inspection

TEC Professional Services Questionnaire

N. continued.

- Concrete testing and inspection
- Soil testing (field and laboratory)
- Asphalt testing
- Pile (driven & augercast) and shaft installation monitoring
- Load tests
- Earthwork/proof roll inspection
- Welding inspection
- Steel inspection
- Noise monitoring
- Prepare daily field reports and/or field books
- Maintain records per the client's directive

We have provided construction testing & oversight for projects as small as a house pad to as large as the **\$1.2 billion Louis Armstrong New Orleans International Airport North Terminal** project.

Please refer to our projects included in Item L and in our personnel listings in Item K for specific type project examples and an overview of our professional experience with this project type.

CRITERIA 2 | SIZE OF FIRM

At over 30 employees, Gulf South has the appropriate number of employees and personnel for this project. We will complete our scope of services on time and within budget. Further said, Gulf South can readily meet the time and budget constraints for projects assigned to this contract. Our current workload is such that we can expeditiously complete projects for this contract.

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

Activity is dependent on the scope of work as well as site access and conditions, however; typically soil borings can be started within one week of receiving notice to proceed with a final product delivered within 3 to 4 weeks of completing the borings. Gulf South's workload & scheduling, coupled with our headquarters being nearby, will allow for assignment of key personnel shortly after any project is assigned.

CRITERIA 4 | PAST PERFORMANCE ON PARISH CONTRACTS

Gulf South has worked both directly and indirectly for various Jefferson Parish Departments (Public Works, Engineering Department, Drainage Department, Jefferson Parish School Board, etc.) throughout our history. Beyond the projects included within this form, additional project information (including listings, background, & client contacts) are available upon request. We have also completed similar services for Public and Private concerns throughout the region.

CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

Gulf South Engineering and Testing has been headquartered in Jefferson Parish since beginning operations in 2011; our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner. We also maintain an office in Gonzales, LA.

TEC Professional Services Questionnaire

N. continued.

CRITERIA 6 | LEGAL STATEMENT

As stated in Item M, Gulf South has had no litigation, past or present, with Jefferson Parish, nor any of our clients.

CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Executive Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

As evidenced in the provided projects and personnel résumés, key personnel experience includes the completion of thousands of projects in the region throughout their careers for a broad range of clients, including both the government and private sectors. We can submit data in formats acceptable and customized to our clients' needs.

Gulf South invites you to contact any of our clients for a candid discussion of our service and professionalism, and offer these direct references:

Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish
(504-736-6783 | JPPW@jeffparish.net)

Ben Lepine, Acting Director, Drainage Department, Jefferson Parish
(504-736-6751 | JPDrainage@jeffparish.net)

Angela DeSoto, P.E., Director, Engineering Department, Jefferson Parish
(504-736-6511 | ADeSoto@jeffparish.net)

Mark R. Drewes, P.E., Director, Public Works Department, Jefferson Parish
(504-736-6783 | JPPW@jeffparish.net)

Michael B. Cooper, Parish President, St. Tammany Parish
(985-898-2362 | president@stpgov.org)

Joey Tureau, Director of Transportation, Ascension Parish
(225-450-1013 | jtureau@apgov.us)

José A. Gonzales, CAO, City of Kenner
(504-468-4090 | jgonzalez@kenner.la.us)

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

Signature: _____

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: June 20, 2024

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

Name:

Gulf South Engineering and Testing,
Inc.

Public Address:

Mr. Chad Poche, PE15 Veterans Memorial Boulevard
Kenner, Louisiana 70062

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004626	Active	07/27/2010	03/31/2025	Mr. Chad Mitchell Poche# PE.0027667



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

Mr. Chad Mitchell Poche

License/Certificate Type - Number

PE.0027667

Expiration Date

09/30/2024

Status: **Active**



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

Mr. Ralph P. Fontcuberta Jr.

License/Certificate Type - Number

PLS.0004329

Expiration Date

09/30/2024

Status: **Active**



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Gulf South Engineering and Testing, Inc.

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

This certification is valid from 12/27/2023 to 12/27/2024 .

Certification No. 11011

Stephanie Hartman,
Director, Entrepreneurial Services



**USACE CERTIFICATE
OF
LABORATORY VALIDATION**



Gulf South Engineering and Testing

15 Veterans Memorial Blvd
Kenner, LA, United States
Trey Binder
(504) 305-4401

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF GENERATION:

06 MAY 2024 AT 14:40 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 05/03/2026

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

Chad A. Gartrell, PE, Director
USACE Materials Testing Center
Vicksburg, Mississippi, USA

AGGREGATE

Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 566 - Total Moisture Content
Aggregate - C 702 - Reducing Samples to Testing Size

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 172 - Sampling
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Unbonded Caps

SOILS

Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Soils - D 698 - Compaction Characteristics by Standard Effort
Soils - D 1140 - Material Finer than 75 μ m (No. 200) Sieve
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 2166 - Unconfined Compressive Strength
Soils - D 2216 - Water Content
Soils - D 2487 - Classification of Soils
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)
Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method



CERTIFICATE OF ACCREDITATION



Gulf South Engineering and Testing, Inc.

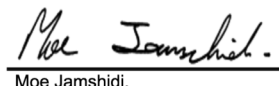
in

Kenner, Louisiana, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).


Jim Tymon,
AASHTO Executive Director


Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 04/11/2024 at 12:54 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Gulf South Engineering and Testing, Inc.

8/15/2023

DATE



SIGNATURE



5. URBAN SYSTEMS, INC.

(Subconsultant: Traffic Engineering)

TEC Professional Services Questionnaire



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Streets Projects
Resolution No. 144319

B. Firm Name & Address:

Urban Systems, Inc.
2000 Tulane Ave, Suite 200
New Orleans, LA 70112

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:

Alison Catarella Michel, P.E.,PTOE,PTP,RSP_{2i}
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958

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.

Alison Catarella Michel P.E.,PTOE,PTP,RSP_{2i}
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958

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

<u>2</u> Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>5*</u> Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
<u>3</u> Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		
		<u>10</u> TOTAL

*Also function as Transportation Engineers

2 Civil Engineers have active Professional Transportation Operations Engineers Certifications (PTOE)

1 Civil Engineer also has active Road Safety Professional Certification (RSP_{2i}) and an active Professional Transportation Planning Certification (PTP).

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.

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. N/A

H. Has this JOINT-VENTURE previously worked together? Please check:
YES _____ NO _____

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

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

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

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:

Alison Catarella Michel, P.E., PTOE, PTP, RSP_{2i}

Project Assignment:

Transportation Engineering/ Principal In Charge of Traffic Engineering Task

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

23 years

Education: Degree(s)/Year/Specialization:

BS / 1997 / Civil Engineering

Active registration: Year first registered/discipline:

2002 / Professional Traffic Operations Engineer / No. 1023

2002 / Civil Engineering / Louisiana / No. 30261

2017 / Professional Transportation Planner / No. 626

2018 / Road Safety Professional / No. 115

2023/ Road Safety Professional Infrastructure/ No. 148

Other experience and qualifications relevant to the proposed Project:

SKILLS:

Ms. Michel has over twenty-five (25) years' experience in Traffic Engineering and Transportation Planning. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage, and striping. She has also prepared construction documents and provided construction engineering services for roadway modifications at intersections, point repairs and roadway reconstruction. This experience provides an in depth understanding of the LADOTD road design requirements which will be useful when preparing traffic plans. Ms. Michel has completed the Highway Safety Manual course sponsored by the LADOTD and the NEPA and Transportation Decision Making course sponsored by the National Highway Institute. She has a wide array of experience with transportation studies including traffic management plans, safety, corridor, Stage 0/ feasibility, Stage 1/ environmental, multi-modal, and complete street facilities. She has experience in the timing of coordinated signal systems and progression analyses. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Synchro, Tru-Traffic and SIDRA.

PROFESSIONAL IN CHARGE OF PROJECT:

Other experience and qualifications relevant to the proposed Project:

ALISON CATARELLA MICHEL PAGE 2

EXPERIENCE:

Jefferson Parish Traffic Engineering Services on an As-Needed Basis, Jefferson Parish, LA, Jul 2008 – Jul 2012

Ms. Michel was project manager for Traffic Signal System District 4 Signal Upgrades. The intersections included Veterans Memorial Boulevard at Green Acres Road, David Drive at West Metairie Avenue, Transcontinental Drive at West Metairie Avenue and Lynette Drive at David Drive. Traffic signal design plans and specifications were prepared based on Jefferson Parish standards. The construction costs were estimated and a bid tab prepared. Under Ms. Michel's direction, USI staff assisted with contractor selection and construction administration by holding pre-bid and pre-con meetings, performing resident inspections including daily logs, reviewing contractor invoices and conducting final inspections. Ms. Michel also coordinated with DOTD and prepared required DOTD forms for documentation as required due to federal funding for the construction.

Gretna US 90 Stage, Jefferson Parish, LA, Dec 2019 - Apr 2020

The task of determining potential intersection improvements for further study at the intersections of US 90 Business (Westbank Expressway) at LA 23, Lafayette St and Huey P. Long Ave was managed by Ms. Michel. She coordinated the deployment of traffic data collection equipment and conducted a field visit for geometric reviews and collection and queue/unmet demand data. She reviewed existing conditions capacity analysis of the intersections US 90 Business (Westbank Expressway) at LA 23 and Lafayette St. The data collection, results of capacity analysis and potential intersection improvements were summarized and included in the overall Stage 0 Feasibility report for the New Orleans Regional Planning Commission.

Bike Paths in Jefferson Parish, Jefferson Parish, LA, Dec 2008 – Jun 2009

Ms. Michel developed a design for bike paths in Jefferson Parish, especially to connect the Lake Pontchartrain Bike Path to the Mississippi River Levee Bike Path. She identified the bike path by conducting field investigations to identify alternate routes, after which she prepared maps and pro/con lists for alternate routes. She presented the alternate routes to appropriate agencies and conducted public meetings for input. She led the team that developed required improvements along the chosen route to include, but not be limited to, striping, signage, pavement repair (potholes, asphalt overlay, concrete panel replacement) and/or signalization. This required collecting field measurements, developing construction plans, preparing cost estimates, and conducting public meetings. She developed the technical plans and specifications for the letter bid package which Jefferson Parish used to advertise, let and award the contract.

Jefferson Parish No. 2017-054-RBP - Manhattan Signal Controller Upgrades Dec 2018 – May 2019

Traffic signal modification plans for eleven (11) intersections along the Manhattan Boulevard corridor in Jefferson Parish, Louisiana were prepared in accordance with Jefferson Parish and Manual on Uniform Traffic Control Devices (MUTCD) standards. The modifications included controller component upgrades, video detection and pedestrian accommodations at select intersections. During the project Ms. Michel offered her technical expertise from over seventeen (17) years of designing traffic signals and preparing technical specifications for Jefferson Parish.

Ochsner Health System, Main and West Campus Traffic Impact Analysis, Jefferson Parish, LA, 2015 – 2017

As the Principal in Charge for Urban Systems Ms. Michel supervised the preparation of a Traffic Impact Analysis for Master Plan Improvements at Ochsner's Main Campus and Phase 1 the West Campus. Ms. Catarella-Michel supervised vehicular and pedestrian data collection efforts, developed trip generation estimates, assisted in existing conditions and design year traffic analyses and quality control checking of the report documents.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Nicole H. Stewart, P.E., PTOE
Project Assignment:
Transportation Engineer
Name of Firm with which associated:
Urban Systems, Inc.
Years' experience with this Firm:
18 years
Education: Degree(s)/Year/Specialization:
BS / 2004 / Civil Engineering BS / 2004 / Physics
Active registration: Year first registered/discipline:
2009 / Civil Engineering / Louisiana / No. 34750 2012 / Professional Traffic Operations Engineer / No. 2923
Other experience and qualifications relevant to the proposed Project:
SKILLS: Ms. Stewart has over eighteen (18) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has designed numerous Traffic Control Devices Plans to meet LADOTD and MUTCD standards. Ms. Stewart has experience in Transportation/Traffic engineering including transportation studies, safety studies and traffic impact studies. Her design experience includes signal design and timing of coordinated systems, striping, signage, geometric design, pavement design, and drainage. She has experience using Highway Capacity Software (HCS), Synchro, and TruTraffic in the timing and coordinating of traffic signals.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Other experience and qualifications relevant to the proposed Project:***NICOLE H. STEWART PAGE 2***EXPERIENCE:****MacArthur Interchange Completion Phase II TMP**, Jefferson Parish, LA, Oct 2015 – Sep 2018

The design team was led by Ms. Stewart for the preliminary traffic signal design and The Traffic Management Plan (TMP) for proposed interchange modifications on US 90 (Westbank Expressway). Tasks for this work include conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. Ms. Stewart was responsible for the QA/QC for this stage of the project. Final design for this project began in September 2019.

Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA, Feb 2018 – Mar 2020

Ms. Stewart was the traffic engineering project manager of this Jefferson Parish roadway reconstruction project. Severn Ave is a heavily travelled multi-lane boulevard requiring complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodations. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the temporary traffic control plan development for multiple phases of construction, and she performed QA-QC. Another element of this project was coordination with Jefferson Parish and LADOTD to obtain approval of the Parish's equipment and specifications for use in the LADOTD bidding process.

Clearview Parkway at West Esplanade, Jefferson Parish, LA, May 2006 – Jul 2011

For the Clearview Parkway and West Esplanade Avenue Intersection Improvement project, Ms. Stewart prepared permanent traffic signal plans including locations for controller, mast arms, signal heads, power source, signs and vehicle detection and interconnect. She also prepared the Traffic Control Devices and Detour Plans to facilitate traffic through the phases of construction.

Southeast Louisiana Urban Flood Control Project Improvements To Two-Mile Canal (Patriot Street Canal), Phase I, Barataria Blvd To First Avenue Canal, Jefferson Parish, LA, Jun 2011 – Mar 2012

Ms. Stewart designed the Traffic Control Devices Plans for the improvements to the Two Mile Canal. These plans included traffic closure details, signage, flagmen, and haul routes. Ms. Stewart conducted inspections throughout construction to confirm compliance with the plans that had been approved by Jefferson Parish.

Louis Armstrong International Airport – Offsite Roadway Signage, Jefferson Parish, LA, May 2018 – Jun 2019

Ms. Stewart was the Principal In Charge of the design of offsite roadway signage for the new north terminal of the Louis Armstrong International Airport throughout portions of Jefferson Parish. Ms. Stewart identified potential locations for additional wayfinding signage on parish roadways and on both I-10 and I-310. Ms. Stewart performed the QA/QC of the signage designs for both the existing parking facilities adjacent to the south terminal and at the new north terminal accessed via Loyola Dr. This included interactive signage on I-10 to direct motorists to parking facilities based on available spaces. This required electronic communication between the sign and the parking management systems. The signage was designed in accordance with the Manual of Uniform Traffic Control Devices and Louisiana DOTD standards where applicable.

LPV 18.2 US Army Corps of Engineers Williams Boulevard Floodgate, Jefferson Parish, LA Sept 2011- Feb 2012

The design of Traffic Control devices Plans including haul routes were prepared for the two phased closure of Williams Boulevard at the Lake Pontchartrain Levee Floodgate by Ms. Stewart. The plans were prepared in accordance with Jefferson Parish and MUTCD Standards. Once the plan was implemented MS. Stewart conducted inspections.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Christine M. Darrah, P.E.
Project Assignment:
Transportation Engineer
Name of Firm with which associated:
Urban Systems, Inc.
Years' experience with this Firm:
9 years
Education: Degree(s)/Year/Specialization:
BS / 1994 / Civil Engineering
Active registration: Year first registered/discipline:
1999 / Civil Engineering / Louisiana / No.28528
Other experience and qualifications relevant to the proposed Project:
SKILLS: Ms. Darrah has over twenty-seven (27) years of experience in Civil Engineering. She has assisted with and conducted QA/QC for roadway plan preparation, drainage design, signal design, calculating quantities for cost estimates and quality assurance based on LADOTD, Jefferson Parish and/or City of New Orleans standards. In 2015, Ms. Darrah completed the LUSC Training Design, Construction & Maintenance of Green Infrastructure and is now a Water Wise NOLA certified Green Infrastructure Professional 1 . She is proficient in the use of AutoCAD, Adobe Illustrator, and Highway Capacity Software (HCS). She also has experience using MicroStation and TransCAD. She has experience developing temporary striping and signage plans for various conditions including lane closures, road closures, flagging operations and full detour plans. Ms. Darrah also has experience in traffic signal design, warrant analysis, timing/phasing analysis, wiring diagrams, interconnect layouts, construction quantities, specifications, and cost estimates.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Other experience and qualifications relevant to the proposed Project:****CHRISTINE M. DARRAH PAGE 2****EXPERIENCE:****I-10/Loyola Environmental Assessment Interchange Improvements**, Jefferson Parish, LA Mar 2016- Jan 2019

Ms. Darrah assisted the project team that prepared an Interchange Modification Report for MSY International Airport from I-10. The interchange was recommended to be improved based on the relocation of the airport terminals which will divert traffic through this interchange. Ms. Darrah tasks included working on presentations used for three public outreach events, performing QA/QC for traffic volumes, and preparing the Data Collections Report.

FEMA Recovery Roads Program, New Orleans, LA Mar 2013 – ongoing

Ms. Darrah assisted with the design plans for the initial phase of roadway plans for the Seventh Ward, Bayou St John and Fairgrounds neighborhoods that were damaged by events related to Hurricane Katrina. Plans were prepared for partial and full concrete and asphalt pavement replacement and asphalt mill and overlay. Incidental paving included sidewalk and driveway replacement and ADA ramp installation at all intersections. She assisted with estimating for quantities and construction costs. For the second phase of design services, the plans were for the full re-construction of several streets including waterline replacement. Construction Administration services included overseeing inspectors and construction operations, invoice reviews, preparation of field changes, plan changes for scope modifications, and close out documents.

Audubon Nature Institute, Aquarium of the Americas, New Orleans, La Mar 2018 - Jun 2018

Ms. Darrah was the lead engineer and project manager for the widening and rehabilitation of the existing asphalt service alley along the riverfront of the Mississippi River in New Orleans, Louisiana. The purpose of the project was to provide an off-street bus drop off location for Aquarium visitors. Plans and specifications included typical sections, geometric layout, grading and drainage plans, and required signage and striping. Tasks included design, Auto-turn analysis, construction administration, and coordination with N.O. Public Belt Railroad, surveyors and the geotechnical engineer.

Williams Traffic Signals, Jefferson Parish, LA May 2020-Dec 2022

Ms. Darrah assisted with the design of signal modifications for three coordinated signals. She was tasked with developing coordination plans, equipment layouts, wiring diagrams, and quantities. The traffic signal plans were prepared using the latest LADOTD TSI format. Other tasks included the addition of pedestrian accommodations including walk/ don't walk signal heads and audible push buttons.

Citrus Boulevard Turn Lane Harahan, LA , Aug 2019- Jan 2020

Ms. Darrah was the lead engineer and project manager for the new turn lane on Citrus Boulevard for the Amazon Distribution Facility in Harahan, Louisiana. The purpose of the project was to provide an eastbound left turn lane and reduce the existing median opening at the facility's main entrance. Plans and specifications included typical sections, geometric layout, grading, and required signage and striping. Tasks included design, Auto-turn analysis, construction administration, and coordination with Jefferson Parish, utility companies, surveyors, and geotechnical engineer.

Barataria Right Turn Lane at Wichers, Jefferson Parish, LA Oct 2022- ongoing

As Project Manager, Ms. Darrah is overseeing the collection of count and observation data, capacity analysis, warrants, and crosswalk study. Ms. Darrah collaborated with Jefferson Parish and LADOTD to prepare and finalize a report of findings and identify recommended signal phasing and timing adjustments. Ms. Darrah prepared LADOTD Traffic Signal Inventory plans including signal modifications for the designated right turn lane and phase overlap.

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:

Matthew H. Morgan , P.E.

Project Assignment:

Transportation Engineer

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

13 years

Education: Degree(s)/Year/Specialization:

BS / 2009 / Civil Engineering

Active registration: Year first registered/discipline:

2009 / Professional Engineer : Civil Engineering / No. 47060

Other experience and qualifications relevant to the proposed Project:

SKILLS:

Mr. Morgan has (13) thirteen years' experience that ranges from starting as a Data Collection Manager while in college to an E.I and now a P.E. for Traffic Engineering/ Transportation planning projects. He has collected and delivered volume, class, and speed data to project managers using road tube equipment and camera systems. Mr. Morgan has been a team member for many projects that involved intersection, freeway, and highway analysis. He has assisted with Traffic Impact Studies, Traffic Control Device Plans, Interchange Modification/Justification Reports, Stage 0 Studies, Transportation Management Plans, and a variety of other studies. Mr. Morgan's design experience includes traffic signals to signage and striping . He has been heavily involved in complete streets projects with a focus on bike/ pedestrian facilities. Morgan's wide range of experience in a short time will bring creativity and innovation to roadway projects when traditional methods won't meet the unique needs of the community. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS, SIDRA, VISSIM, CORSIM, and Adobe Suite.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Other experience and qualifications relevant to the proposed Project:

MATTHEW H. MORGAN PAGE 2

EXPERIENCE:

Manhattan Signals , Jefferson Parish, LA, Dec 2020 - Jul 2021

Mr. Morgan's participation included temporary and permanent signal design for changes to accommodate an additional northbound travel lane on Manhattan Blvd at the intersections of the Target Driveway and Gretna Blvd. Designs included the maintaining existing traffic equipment and the addition of new equipment where needed. Mr. Morgan assisted with the development on signal timing and phasing changes. The plans were prepared in the latest DOTD TSI format.

Ochsner West Campus Specialty Hospital Traffic Impact Analysis , Jefferson Parish, LA, Jun 2012 – Jul 2012

Mr. Morgan's role in the traffic impact analysis was to lead the data collection team. He collected traffic volumes, observed intersection operations, and generated figures representing the results. Mr. Morgan also assisted the project team with analysis and report table creation for signalized and un-signalized intersections

Veterans Stage 0 Traffic Signal Timing and Coordination Study, Jefferson Parish, LA , Oct 2015 – Nov 2016

The study objective was to reduce delays, lower emissions, improve fuel consumption, and improve safety, while maximizing the progressive movement of traffic through the Veterans Boulevard corridor. Mr. Morgan led the data collection effort which included collecting traffic roadway volumes, turning movement volumes, and vehicle classifications on the study corridor. Seven (7) day, twenty-four (24) hour counts were utilized to identify the proposed signal timing plans by Mr. Morgan. He assisted with the quality assurance/quality control (QA/QC) per USI's QA/QC policy for the traffic counts collected for use in existing and proposed traffic analysis. Mr. Morgan performed site visits at each intersection and performed morning, mid-day and evening travel time runs before and after implementing the signal timing improvements. He also assisted in preparing the reports that documented the improvements for each of the identified performance measures that resulted from the implementation of USI's recommendations.

Future I-49 South Study (Raceland to Westbank Expressway), Stage 1, Jefferson, Orleans, and Lafourche Parishes , LA Mar 2016 – Aug 2018

The study area spanned US 90 from Raceland to Westbank Expressway. Mr. Morgan led the data collection effort which included traffic volume collection, speed studies, and vehicle classification. He performed site investigations and assisted project engineers with development of figures and tables to present the data. He utilized LADOTD's resources and tools during the study phase for analysis of existing conditions

Citrus Boulevard Amazon TIA , Jefferson , LA Aug 2019- Apr 2020

The objective of the Traffic Impact Analysis (TIA) was to assess the impact to traffic operations of the adjacent roadways to a proposed Amazon distribution development off of Citrus Blvd in Harahan, LA. Mr. Morgan assisted with 24-hour roadway data collection and coordinated with Jefferson Parish to obtain historical count data associated with the project area. Mr. Morgan also reviewed the provided count data to identify AM and PM peak periods for turning movement count (TMC) collection. He reviewed the collected TMCs and identified AM and PM peak hours of traffic. Mr. Morgan assisted with the creation of graphics presenting the peak hour count data. He assisted with existing capacity analysis for the study intersections. Mr. Morgan assisted with the distribution of project trips into and out of the proposed development and assisted with the projected capacity analysis. He helped with the creation of a technical report summarizing the existing data and findings in Microsoft Office and Portable Document Format (PDF) format.

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:

Fadi Madi, P.E., P.Eng.

Project Assignment:

Transportation Engineer

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

2 years

Education: Degree(s)/Year/Specialization:

B.App.Sc (Honors) / 2011 / Civil Engineering

Active registration: Year first registered/discipline:

#49152 / LA / 2024 / Professional Engineer: Civil
#152809 / Texas / 2024 / Professional Engineer: Civil
#100174071 / Ontario (Canada) / 2016

Other experience and qualifications relevant to the proposed Project:

SKILLS:

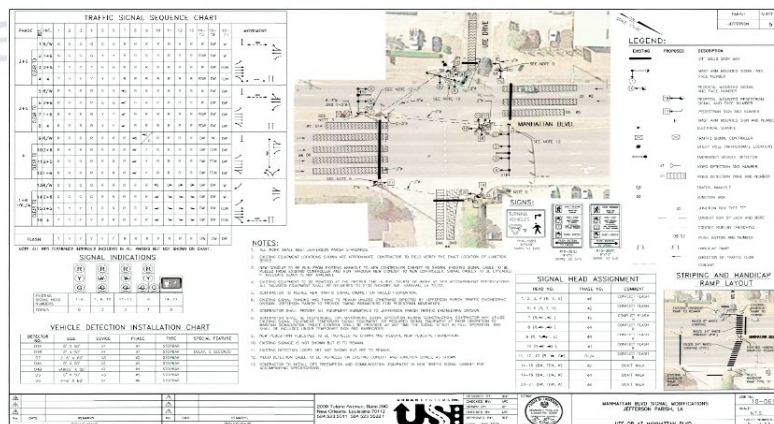
Mr. Madi is a Project Manager at Urban Systems, Inc. He has over twelve (12) years of experience working for a range of public and private sector clients in the United States and Canada. Mr. Madi is responsible for providing technical, analytical, reporting, and coordination support on a variety of transportation projects, including traffic operations, transportation planning, safety assessments, and traffic design studies. He is proficient in Synchro, HCS and TruTraffic Software and completed the LADODTD TEPR certification modules. He regularly collaborates on multi-disciplinary projects to bring a transportation perspective to planning and design projects.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Other experience and qualifications relevant to the proposed Project:
EXPERIENCE:
<p>Ochsner Traffic Impact Analysis , Jefferson Parish, LA, Feb 2022- June 2022</p> <p>The objective of the study was to evaluate the impact the proposed redevelopment of the Ochsner campus. Changes to the Deckbar Ave corridor were designed to provide a pedestrian friendly, walkable experience. Mr. Madi estimated trip generation, conducted signalized and unsignalized analysis and managed other technical staff.</p> <p>Dakin Street Improvements – Jefferson Hwy to Earhart Expressway At Grade Improvements Traffic Study , Jefferson Parish, LA, Oct 2021 - ongoing</p> <p>Mr. Madi was the project manager to study the impact of a proposed new off-ramp on Earhart Expressway (LA 3139) Eastbound to US 90 (Jefferson Highway) on the roadway network. Mr. Madi used output from the RPC TransCAD model to estimate traffic volumes. He was responsible for developing alternatives to mitigate adverse impacts to vehicular traffic operation and access on Jefferson Highway. Mr. Madi conducted HCS analysis of the alternatives for comparison and also evaluated the impact on safety. Mr. Madi prepared the report submittals in accordance with LADOTD TEPR guidelines. He is currently assisting with the design phase in collaboration with Jefferson Parish and LADOTD Traffic Engineers.</p> <p>Florida Boulevard Couplet Traffic Study , East Baton Rouge Parish, LA, Nov 2021- May 2022</p> <p>Mr. Madi analyzed the impact of the proposed couplet to the surrounding roadway network. Mr. Madi was responsible for estimating the projected volumes for the build conditions, including the new developments. Mr. Madi was also responsible for conducting HCS analysis to determine the potential improvements required to mitigate operational constraints as a result of the couplet and changes in land use.</p> <p>Williams Traffic Signals , Jefferson Parish, LA, May 2022 – ongoing</p> <p>Mr. Madi’s role was as an advisor to technical staff which included the design of three traffic signals. The design plans were prepared using LADOTD’s standard TSI format. He specifically assisted with the phasing and timing of the traffic signals. This included confirming adequate time for pedestrians to cross and optimum operation of the actuated pedestrian signals to avoid unnecessary impact to vehicular traffic. He also conducted quality assurance / quality control of project deliverables.</p> <p>Port of Gulfport Traffic Signal Coordination, Gulfport, MS, Oct 2022 – Ongoing</p> <p>Mr. Madi is the project manager for this study for the Gulf Coast Regional Planning commission. He is responsible for leading the project team through a successful project delivery. Mr. Madi coordinated the collection of traffic data at the study area intersections and conducted field observations at twenty-eight (28) study area intersections. He is currently leading the Synchro assessment of the study area corridors under existing conditions. His future tasks will include identifying locations where signal coordination can be introduced, developing mitigation measures based on potential operational constraints, providing technical guidance, conducting quality assurance / quality control, and report writing.</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. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Manhattan Blvd Signal Modifications Westbank Expressway to Lapalco Blvd</p> <p>Jefferson Parish, LA</p> <p>LADOTD P.O. Box 95245 Baton Rouge, LA 90804 225.379.1471</p>	<p>Urban Systems was tasked with designing traffic signal modifications for eleven (11) intersections along Manhattan Blvd from the Westbank Expressway to Lapalco Blvd in Jefferson Parish, LA. Urban Systems staff coordinated with Jefferson Parish traffic personnel during field visits to determine what upgrades for each intersection would be required. The traffic signal modification plans and specifications were prepared in accordance with Jefferson Parish and MUTCD standards. Signal modifications included the following:</p> <ul style="list-style-type: none"> • Upgraded controllers • Controller cabinets • GPS communication • Detection systems • Back-up batteries at major intersections • Upgrading of pedestrian accommodations • ADA accessible ramps • Pedestrian signal heads • Push buttons <p>The pedestrian accommodations were required for the intersections of Manhattan Blvd at UTE, Central and Lapalco.</p> <p>A cost estimate and bid tab form were prepared for each intersection for use in the bidding process.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$129.5K	\$129.5K



PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Power Blvd at W. Esplanade Ave Improvements</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish Chris Laborde New Orleans, LA 70130 504.940.7219</p>	<p>The purpose of this project was to develop recommended improvements to address existing traffic congestion and transportation mobility deficiencies at the intersection of Power Blvd at W Esplanade Ave in Jefferson Parish, Louisiana. Phase 1 included analysis of existing conditions and identification of potential improvements. Phase 2 included evaluation of potential improvements and recommendation of short-term and long-term improvements.</p> <p>For Phase 1, existing conditions analysis was performed using HCS and VISSIM microsimulation modeling. Field visits were conducted to identify potential correctable deficiencies. The project team performed a high-level evaluation of the intersection geometry, signage, and signal phasing and timing to identify potential improvements. During Phase 2, potential improvements were screened with the aid of a Project Management Committee (PMC), consisting of local agencies/ stakeholders including Jefferson Parish Traffic Engineering, Regional Planning Commission, DOTD District 02 Traffic Engineering and Jefferson Parish Council.</p> <p>Potential improvements included: adding northbound and/or southbound left turn lanes, closing the u-turn south of the intersection, relocating u-turns farther from the intersection, modifying signage, improving pedestrian accommodations, modifying striping, and altering signal phasing and timing. The project team worked closely with the stakeholders including the Jefferson Parish Councilman's Office to ensure the concerns of the public were addressed adequately.</p> <p>Recommended short-term improvements included striping and signage modifications. Recommended long-term improvements included the relocation of u-turns north and south of the intersection to provide additional storage at the intersection and improve the efficiency of the u-turns.</p> <p>Conceptual intersection layouts and construction cost estimates were developed for both short-term and long-term recommended improvements.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$40K	\$40K



PROJECT NO. 3

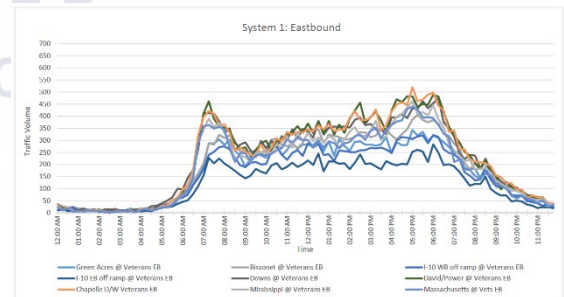
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Severn Avenue Corridor Improvements</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish 200 Derbigny St, Suite 4400 Gretna, LA 70053</p>	<p>Urban Systems was tasked with designing traffic control devices plans (TCDP) and traffic signal modification plans for the Severn Avenue Corridor Improvements project. Maintenance of traffic for this project was critical through the commercial corridor including a Class A shopping center.</p> <p>The TCDP included site specific intersection details for phased intersection closures at three (3) intersections. The project worked with Jefferson Parish throughout the project to develop an efficient and minimally impacting construction sequence. The TCDP the following scenarios for Severn Avenue:</p> <ul style="list-style-type: none">• Typical outside travel lane closure with intersections open• Typical outside and center travel lane closures with intersections open• Typical inside travel lane closure with medians open• Sidewalk closure typical details• Typical closures for intersections, median openings and driveway. <p>Due to the geometric roadway changes for this project, modifications to the traffic signals were required for the intersections of Severn Ave at Lakeside and 17th/ 18th Street. Traffic signal modification plans included equipment relocation and upgrades to the pedestrian accommodations at the intersections. Upgraded pedestrian accommodations included pedestrian push buttons, pedestrian signal head, signage, striped crosswalks and handicap ramps. The traffic signals were designed in the latest LADOTD TSI format and meet the requirements of Jefferson Parish, LADOTD and the MUTCD. These plans included timing from Jefferson Parish that required coordination between Jefferson Parish, LADOTD and Urban System staff to incorporate into the TSI format. Proposed phasing and signal timings were developed to accommodate pedestrian movements based on MUTCD and Jefferson Parish guidelines. Urban Systems also developed detailed Jefferson Parish specifications for each signal, a construction cost estimate and a bid tabulation for use in the bidding process. Urban Systems staff worked with LADOTD and Jefferson Parish personal to develop LADOTD spec item numbers for equipment based on Jefferson Parish specifications.</p>	
Completion Date (Actual orestimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	Unknown	\$68K

PROJECT NO. 4

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Leo Kerner Bike Path Jefferson Parish, LA</p> <p>Jefferson Parish Mark Drewes 504.736.6512</p>	<p>Urban Systems prepared plans for a traffic signal modification for a signalized pedestrian crossing at the intersection of Barataria Boulevard and Leo Kerner Parkway. This was part of a proposed bike path project in Jefferson Parish, Louisiana. Urban Systems collected pedestrian counts to determine if a signalized crossing was justified based on guidelines stated in the LADOTD <i>Traffic Engineering Manual</i>. Urban Systems coordinated with the prime consultant, Jefferson Parish and LADOTD throughout the plan process. The signal modification plans were prepared in the latest LADOTD TSI format. Urban Systems estimated quantities and developed a proposed cost estimate for the modification.</p> <p>Urban Systems also prepared plans for a rectangular rapid flashing beacon (RRFB) in accordance with LADOTD and MUTCD standards for two (2) additional crossings for the proposed bike path. Urban Systems prepared the plans and assisted with the LADOTD permit process for the equipment installation.</p>	
<p>Completion Date (Actual or estimated):</p> <p>2017</p>	<p>Estimated Cost:</p> <p>Entire Project:</p> <p>Unknown</p>	<p>Work for which Firm was Responsible:</p> <p>\$10K</p>

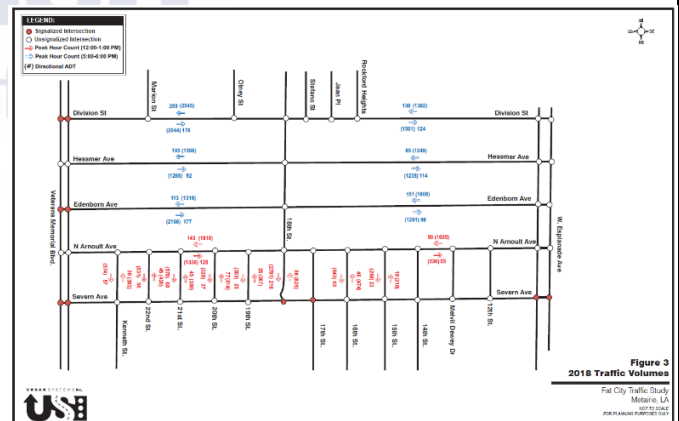
PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Stage 0 Traffic Signal Timing and Coordination Study Veterans Boulevard</p> <p>RPC Task# VetCor1 Federal Project# H011849</p> <p>Jefferson Parish, LA</p> <p>Regional Planning Commission Jeff Roesel 504.483.8500</p>	<p>Urban Systems worked alongside the RPC, LADOTD, and Jefferson Parish to complete a Stage 0 Traffic Signal Timing and Coordination Study for Veterans Blvd corridor from Lake Avenue to Massachusetts Avenue to reduce delays, lower emissions, improve fuel consumption, and improve safety, while maximizing the progressive movement of traffic through the Veterans Boulevard corridor.</p> <p>Veterans Blvd is a major urban arterial with thirty signalized intersections in the study area. Urban Systems created an analysis model of the entire corridor with existing signal timings to evaluate the levels of service, delay, and air quality emissions at each intersection in the corridor.</p> <p><u>Tasks</u></p> <p>Collected twenty-four (24) hour turning movement counts at all signalized intersections to determine the morning, midday, and afternoon peak hours.</p> <p>Performed travel time runs along Veterans Boulevard during the morning, midday, and afternoon peak hours.</p> <p>Performed capacity analysis using Synchro 8 software model with the existing traffic signal timings provided by Jefferson Parish and LADOTD.</p> <p>Determined improved yellow and all-red clearance intervals based on the updated ITE clearance interval guidelines.</p> <p>Determined optimal phasing and traffic signal timings, as well as possible construction recommendations to improve progression and reduce delay along the corridor.</p> <p>Conducted a benefit cost analysis of the recommended improvements to the corridor.</p> <p>Implemented the signal timing changes during season of peak traffic flow alongside LADOTD and Jefferson Parish, while making timing adjustments as needed.</p> <p>Conducted post implementation travel time runs to identify the improvements in progression along the corridor.</p> <p>Summarized findings and improvements were sited in a technical report submitted to RPC December of 2016.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$185K	\$185K

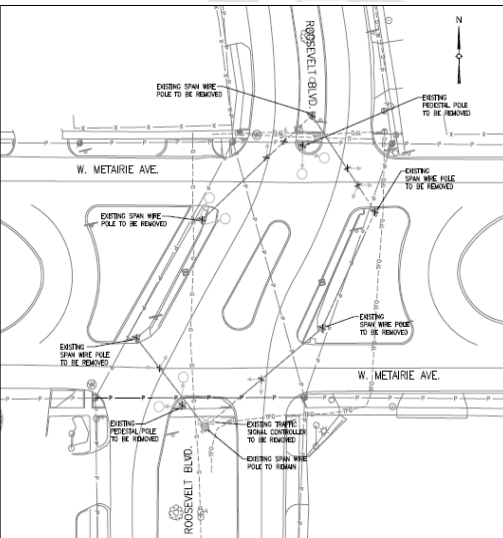


PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Fat City Improvements Study</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish DPW Susan Treadway 504-736-6530 streadway@jeffparish.net</p>	<p>The purpose of this project was to evaluate potential modifications to the street network to increase public parking while maintaining traffic flow in Fat City in Jefferson Parish, Louisiana. This project is part of a larger master plan to revitalize Fat City into a city hub for Jefferson Parish.</p> <p>Improvement strategies considered included, but were not limited to:</p> <ul style="list-style-type: none"> •Conversion of streets to one-way couplets to allow on-street parking •Allowing on-street parking across from driveways •Restricting access/routes for delivery and/or oversized vehicles <p>An evaluation of the existing conditions was performed which included roadway capacity analysis, field observations and an existing parking inventory.</p> <p>Urban Systems reviewed applicable Jefferson Parish Ordinances and identified locations where potential on-street parking could be implemented if roadways were converted to one-way operation. Roadway capacity analysis was performed for potential one-way conversions based on rerouted traffic volumes. Autoturn analysis was also performed to determine if restricting access for delivery and/or oversized vehicles would be required to avoid conflict with on-street parking.</p> <p>An evaluation was also performed to determine if paved parking bays could be installed in lieu of converting to on-street parking. Locations were identified where this could be an option; however, it would significantly affect the existing landscape buffer.</p> <p>Vacant lots within the study area were identified for potential purchase and conversion to surface street public parking.</p> <p>Meetings with stakeholders including Jefferson Parish Traffic Engineering Division and the Jefferson Parish Councilperson were held to discuss potential options.</p> <p>The recommended one-way conversions are currently being analyzed to confirm feasibility and to identify required improvements/modifications to adjacent intersections.</p>	
<p>Completion Date (Actual or estimated):</p>	<p>Estimated Cost:</p>	
<p>2020</p>	<p>Entire Project:</p> <p>\$68.4K</p>	<p>Work for which Firm was Responsible:</p> <p>\$68.4K</p>

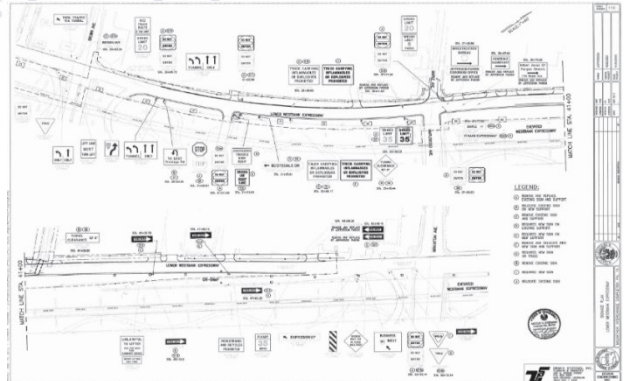


PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Congestion Management: Traffic Signal Improvements</p> <p>SP No. H.972035.1 RPC Task C-414, FY-14 UPWP</p> <p>Kenner, Jefferson Parish, LA</p> <p>Regional Planning Commission Jeff Roesel 504.483.8500</p> 	<p>The purpose of this project was to identify improvements to update the existing span wire traffic signals at W. Esplanade at Chateau and Roosevelt at W. Metairie in Kenner, Louisiana. These two intersections were identified with highest priority for improvements in the Regional Planning Commission (RPC) and City of Kenner's June 2013 traffic signal inventory. The need for pedestrian signals and existing peak hour traffic flow conditions were evaluated. Safety concerns were identified and all recommended improvements were incorporated into conceptual traffic signal designs. These designs were developed based on the Louisiana Department of Transportation and Development (LADOTD) design standards. Project tasks included data collection, surveying, traffic analysis, safety analysis, and conceptual traffic signal design.</p> <p>Traffic Analysis Vehicle turning movement counts (TMCs) and pedestrians counts were collected at the study intersections and peak hour volumes were determined. Signalized intersection analyses were performed in Highway Capacity Software (HCS+), to determine the optimal signal timings. An investigation of the pedestrian activity at the intersections was conducted and warrants were not met for pedestrian signal heads.</p> <p>Safety Analysis A detailed crash summary was provided by the RPC for the study intersections. The data was reviewed and it is expected that the installation of signal heads on the proposed mast arms with backplates is expected to increase the signal visibility for motorists. During a site visit to observe operating conditions, it was noted that the signal at W. Esplanade was not operating properly as one approach of the intersection was being serviced with the max green time each time the phase was called without vehicles present. Urban Systems reported the problem and worked with Jefferson Parish to get the existing controller reprogrammed to resolve the timing issue.</p> <p>Conceptual Traffic Signal Design The conceptual traffic signal designs were prepared to update the existing span wire traffic signal systems at both subject intersections. This included removing and replacing the existing signal equipment with mast arms, video detection and new signage. New phasing was recommended at the intersection of Roosevelt at W. Metairie to provide median clear out phase.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$45K	\$45K

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>MacArthur Drive Interchange Completion Phase 1</p> <p>Harvey, Jefferson Parish, Louisiana</p> <p>Jefferson Parish 1221 Elmwood Blvd.Suite 904 Jefferson, Louisiana 70123 John Holtgrove 504.836.2455</p>	<p>This project was for Phase I of the MacArthur Interchange Completion project, which included preliminary and final design for the new off and on ramps for the elevated westbound Westbank Expressway in Harvey, Louisiana between Manhattan Boulevard and Peters Rd. As the Traffic Engineering consultant for this project, Urban Systems, Inc. successfully completed the plans for the proposed construction sequencing, permanent signage, roadway striping and traffic signal design at the Brown Ave and Maple Ave intersections with the new ramps at the lower Westbank Expressway.</p> <p>Urban Systems, Inc. developed the sequencing, which ultimately resulted in five construction phases. The Traffic Control Devices Plans were critical to facilitate traffic safely through the traffic control zone. These plans included lane closures, lane width reductions, detours and strategically sequencing the closure of commercial driveways to ensure that access to all businesses was maintained throughout construction.</p> <p>The permanent signage and striping plans were prepared to safely and properly guide motorists to the new ramps. The signage design included both regulatory and guide signs, both smaller post mounted signs and large overhead structure mounted signs.</p> <p>Urban Systems, Inc. also prepared the plans for the permanent traffic signals at Brown Avenue and Maple Avenue intersections with the Lower Westbank Expressway.</p> <p>All plans were prepared to be in accordance with the 2009 edition of the Manual of Uniform Traffic Control Devices and the Louisiana Department of Transportation and Development's 2006 Standard specifications for Roads and Bridges.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	Unknown	\$25.5K



PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Traffic Engineering As-Needed Retainer Contract Department of Public Works Jefferson Parish</p> <p>Jefferson Parish, Louisiana</p> <p>Jefferson Parish Department of Public Works 504-736-6403</p>	<p>Bike Path - project purpose was to establish bike paths in Jefferson Parish and specifically, to connect the Lake Pontchartrain Bike Path to the Mississippi River Levee Bike Path.</p> <ul style="list-style-type: none"> • Identified the bike path. This required the following tasks: <ul style="list-style-type: none"> ◦ Conducted field investigations to identify alternate routes ◦ Prepared maps to indicate alternate routes ◦ Prepared pro/con lists for alternate routes ◦ Met with appropriate agencies ◦ Conducted public meetings • Developed required improvements along the chosen route to potentially include, but not be limited to, striping, signage, pavement repair (potholes, asphalt overlay, concrete panel replacement) and/or signalization. This required the following tasks: <ul style="list-style-type: none"> ◦ Conducted field measurements ◦ Developed construction plans ◦ Prepared cost estimates ◦ Conducted public meetings • Developed prioritization of the required improvements and identified which improvements should/can be implemented in this phase. This required meeting with appropriate agencies. • Developed letter bid package to Advertise, Let and Award to a contractor; limited to the technical plans and specifications. • Provided Construction Administration services: Submittal reviews, Responses to Inquiries and final inspection. <p>David Drive at Veterans Boulevard - project was to determine if northbound to westbound left turns could be accommodated safely and efficiently at the intersection of Veterans Boulevard at David Drive/Power Boulevard. The tasks performed to meet these objectives were:</p> <ul style="list-style-type: none"> ◦ Collected 24-hour machine volume and speed data ◦ Collected turning movement counts during AM and PM peak hours ◦ Collected data at adjacent u-turn locations to assist with determining existing demand for prohibited left turn ◦ Reviewed accident reports for the past 3 years and prepared collision diagrams where necessary to identify any safety concerns ◦ Prepared capacity analysis for existing traffic conditions ◦ Developed projected turning movement volumes for northbound to westbound left turn if it were allowed. ◦ Prepared capacity analysis for the projected traffic conditions ◦ Developed conceptual geometric modifications required to accommodate northbound to westbound left turn ◦ Prepared preliminary opinion of probable cost for the conceptual geometric modifications ◦ Calculated queues and storage requirements for the projected conditions ◦ Conducted a sight distance analysis ◦ Prepared a technical memorandum to document the findings 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>2009 2009</p>	<p>\$25K \$9.5K</p>	<p>\$25K \$9.5K</p>

PROJECT NO. 10

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

Bucktown Couplet Study

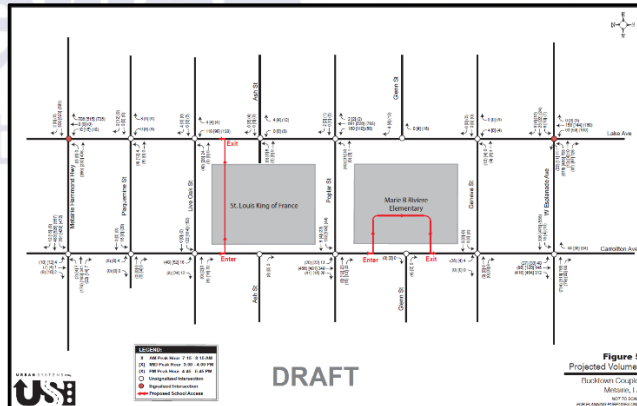
Jefferson Parish, LA

Jefferson Parish
Department of Public Works
1221 Elmwood Park Blvd
Suite 802
Jefferson, LA 70123

The purpose of this project was to evaluate the impacts of converting Lake Ave and Carrollton Ave between Metairie Hammond Hwy and West Esplanade Ave in Bucktown to a one-way couplet system. This project originated from a couplet idea developed in a Bucktown Neighborhood Plan previously conducted in August of 2005. This project was conducted to determine the feasibility of the couplet system and of raising the existing 20 mph speed limit on Lake Ave and Carrollton Ave.

A unique aspect of this project is two (2) schools, St. Louis King of France and Marie B Riviere Elementary, located in the middle of the proposed couplet system. The USI team analyzed each school's existing access plan to determine the impact of converting to a couplet system. The re-routing of traffic volumes that would occur with the conversion to a one-way couplet system was estimated with a focus on the study intersections and access to/from the schools. The USI team developed a proposed access plan, with the addition of the couplet system, for presentation to each of the schools to gain input. Intersection capacity analysis was conducted at the study intersection with and without the couplet system for comparison purposes. Jefferson Parish ordinances were reviewed to determine the feasibility of raising the speed limit. A traffic report was developed to summarize the finding of the study and was provided to Jefferson Parish.

Future tasks will include developing a striping plan, a signage plan and traffic signal plans for the couplet system. Traffic signal plans will include the installation of traffic signals at two (2) intersections Carrollton Ave at W Esplanade Ave and Metairie Hammond Hwy which are currently unsignalized.



Completion Date (Actual or estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

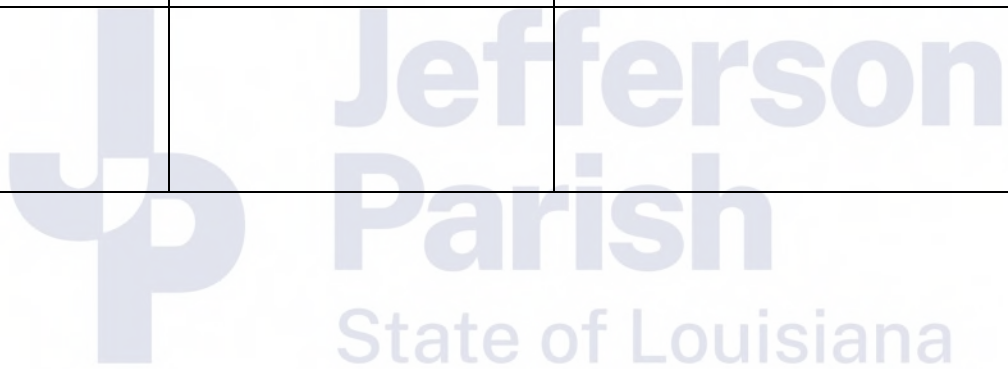
2020

\$39K

\$39K

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. Decay	Jefferson Parish Urban Systems, Inc. Design Engineering, Inc.	Closed Plaintiff Received No Award
2.		
3.		
4.		



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



Urban Systems, Inc. (USI) is a licensed consulting engineering corporation in Louisiana, Mississippi, Alabama, and Texas with offices in New Orleans and Baton Rouge, Louisiana. USI specializes in traffic engineering and transportation planning and has long been recognized for its technical expertise, analytical ability and imaginative approach to a wide range of traffic/transportation planning and engineering projects. With continuous service since 1974, our ability to bring a variety of experience to a project has proven valuable to our clients who are involved in improving transportation infrastructure in both urban and rural environments. USI staff stays current via education and training.

Throughout our history, we have been honored to support the state of Louisiana, Jefferson parish and many other local governments in their initiatives to improve safety and mobility. USI recognizes that transportation professionals have a responsibility to the community to apply their knowledge, experience, insight, and energy to maintain and/or improve quality of life. Urban Systems has successfully completed projects that address all aspects of transportation and planning to optimize traffic safety and operations.

USI's vision is to be the premier firm in Louisiana and surrounding areas by providing quality Traffic Engineering and Transportation Planning services.

Our mission is to provide comprehensive multi-modal transportation solutions that enhance quality of life for all users through partnerships with public and private clients. We develop leaders in traffic and transportation engineering by cultivating the full potential of our team members.

Core Values:

Quality
Integrity
Teamwork
Client relationships

Focus: Enhance quality of life for all.

Urban Systems, Inc. is a *certified Disadvantaged Business Enterprise by the Louisiana , Mississippi, and Texas Unified Certification Programs, a Women Business Enterprise, Certified- Active as a small entrepreneur with Louisiana Economic Development Hudson Initiative, SEDBE certified by the City of Baton Rouge, Parish of East Baton Rouge and a Women owned Small Business.*

URBAN SYSTEMS, INC. STAFFING

Title	Name	Certifications	Years AT USI
President / Transportation Engineer	Alison Catarella Michel	P.E., PTOE, PTP, RSP _{2i}	23
Vice President / Transportation Engineer	Nicole H. Stewart	P.E., PTOE	18
Civil / Transportation Engineer	Christine M. Darrah	P.E.	9
Transportation Engineer	Matthew H. Morgan	P.E.	13
Transportation Engineer	Fadi Madi	P.E.	2
Traffic Engineer Intern	Benjamin A. Wolf	E.I.	<1
Traffic Engineer Intern	Connor M. Crow	E.I.	<1
Traffic Engineer Intern	Evan R. Hendry	E.I.	<1
CAD Designer	Kim T. Pham		36
CAD Designer	Percina Weathersby		9



**Jefferson
Parish**
State of Louisiana

URBAN SYSTEMS, INC. WORK EXPERIENCE



TRAFFIC SIGNAL DESIGN

Our traffic signal design experience includes a broad range of projects involving the planning and design of intersections and their associated signalization requirements. We understand that the proper application, design, installation, and operation of traffic signals is critical to the safe and orderly movement of traffic. Urban Systems has provided signal design services for the multiple agencies in the region and understands the differences in their design policies. Many of the projects we have completed required inter-agency coordination.

In providing signal design services, various supporting services are required to accomplish project objectives. Our traffic signal designs have included:

- Timing and phasing for both vehicles and pedestrians
- Interconnect layouts, both hardwire and fiber optic
- Signage plans and pavement marking layouts
- Sequence of construction with traffic control device plans and temporary signal designs
- Provisions for emergency and railroad preemption systems in the signal design
- Railroad crossing preemption

Urban Systems can prepare design packages for both state and/or municipalities. Our staff has completed numerous projects involving the design of new traffic signal and/or modifications to existing signals, inclusive of railroad crossings. This experience includes isolated intersections, coordinated signal systems and downtown grid systems. Specifically, our experience in the design of intersections includes data collection; traffic signal warrant and capacity analysis; complete computerized signal system design including timing for both vehicle and pedestrians, phasing and coordination; interconnect layouts, both hardwire and fiber optic; geometric design including storage length calculations.

Other services that are often necessary to support signal design efforts are as follows:

Data Collection

Urban Systems is poised to provide complete data collection for many scenarios. We know accurate traffic data is key to many of the decisions regarding signal warrants, analysis and design. We also know that different roadways and sites require different data collection methods. We have tube counters and video cameras at our disposal to collect and analyze traffic data in house. This allows us to better understand the particular needs of a project and act plan accordingly. We were also one of the first firms in the state to use video cameras for data collection; we have now used our MioVision/ Scout cameras at over five-hundred (500) sites in Louisiana. We have cameras and a trained staff ready to deploy. These cameras have proven beneficial for roadways that would be dangerous to lay tubes, or where pavement conditions would not be favorable. Recently, we successfully used video cameras to count locations on the interstate with no disruption to traffic.

Warrant Analysis

- Preparing Traffic Signal Warrant Analysis, typically using PC Warrants software
- Conducting warrants for left and/or right turn lanes
- Calculating storage length requirements for turn lanes

Intersection/Corridor Analysis

- Preparing Capacity Analysis using software tools **Synchro**, **Vistro**, and/or **Highway Capacity Software**
- Developing coordinated timing plans to optimize the signal phasing and timing and platoon progression along a corridor using **Synchro**, and/or **Tru Traffic**
- Creating microscopic simulation models to analyze corridor operations, proposed timing plans and assess travel times and delays using **CORSIM** and/or **VISSIM**



ACCESS MANAGEMENT

Urban Systems has extensive experience in evaluating various types of roadway corridors and utilizing techniques associated with deploying an access management plan. Access management techniques are designed to improve safety, manage congestion, and increase the capacity of roads. These include:

- Median treatments
 - Raised medians that prevent movements across a roadway
 - Restricted median openings to provide efficient operations
- Increasing spacing between signals and interchanges
- Driveway spacing
- Cross access between developments to reduce the number of driveways
- Use of exclusive turning lanes to remove turning vehicles from the through lanes
- Use of service and frontage roads
- Land use policies that limit right-of-way access to highways

Benefits can include improved movement of through traffic, improved safety and reduce vehicle conflicts. With more functional and improved flow, environmental benefits can be reduced fuel consumption and improved air quality on heavily traveled corridors.



INTERSECTION AND INTERCHANGE DESIGN

Urban Systems has completed the design of intersections/interchanges for a broad range of projects including :

- Interchanges on major highway and interstate corridors
- Intersection/interchange planning to support surrounding land-use development
- Highway and roadway corridor extensions and widening projects
- Local major arterial corridor/roadway design, which includes new and modified intersections
- Traffic operations assessments and enhancements of local and state major arterial corridors to alleviate traffic congestion
- Specific intersection improvements for the improvement of safety, capacity and efficiency
- Commercial/Retail/Industrial developments requiring new intersections to adjacent arterials for site ingress and egress
- Residential single family and multi-family developments requiring new intersections to adjacent arterials for site ingress and egress



QUALITY ASSURANCE

Urban Systems maintains a Quality Assurance Manual as part of our corporate policies. The manual delineates quality assurance guidelines and review policies and procedures to ensure adequate technical review and checking of plans, specifications and reports produced by USI staff for compliance with state, national and local standards.

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

Signature: _____

Alison C Michel

Print Name: _____

Alison C Michel

Title: _____

President/Transp. Engr

Date: _____

7.9.24

URBAN SYSTEMS, INC. LICENSE

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

Name:	Public Address:
Urban Systems, Inc.	Ms. Alison Marie Catarella 2000 Tulane Avenue, Suite 200 New Orleans, Louisiana 70112

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001342	Active	09/22/1986	03/31/2025	Ms. Alison Marie Catarella Michel # PE.0030261



6. IMC CONSULTING ENGINEERS, INC.

(Subconsultant: Roadway Lighting)

TEC Professional Services Questionnaire

IMC

CONSULTING ENGINEERS

INC.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

B. Firm Name & Address:

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:

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.

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

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Engineer Intern	<input type="checkbox"/> Environmental Engineers	
<input type="checkbox"/> Professional Land Surveyors	<input type="checkbox"/> CAD Technicians	<input type="checkbox"/> TOTAL

**All of our Engineers are Specification Writers.*

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

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

TEC Professional Services Questionnaire

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

1.

2.

H. Has this JOINT-VENTURE previously worked together? Please check: N/A
YES _____ NO _____

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Project Assignment:

Name of Firm with which associated:

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

Other Experience and Qualifications Relevant to the Proposed Project (*continued*)

Jefferson Parish Dept. of Public Works – Severn Ave Improvements: Veterans to West Esplanade

Currently designing decorative roadway and pedestrian lighting for Severn Avenue as part of a restoration project. Design includes preparation of lighting calculations for review by Jefferson Parish and coordination with Entergy to maintain clearances below existing transmission lines.

LADOTD – Wisner Bridge Replacement

Designed and specified street lighting and electrical associated with the replacement of the Wisner Blvd. overpass at I-610. As required by DOTD Paul prepared a design documentation report for this project, which included a narrative of the design decisions, a point-to-point voltage drop calculation, conduit fill calculations, photometric calculations, and an analysis of the calculated photometric values, which included existing street lighting at either end of the bridge. Per DOTD requirements, an Opinions of Construction Cost was also prepared at each stage of design to assist the DOTD in project budget analysis.

Orleans Parish Levee District - Lakefront Seawall Erosion Protection

Acted as the Project Manager and Electrical Engineer for this work which consists of several projects divided into “reaches” along the New Orleans Lakefront. Within each reach, a “Plaza” area between Lakeshore Drive and Lake Pontchartrain is paved to prevent erosion of the shore. The Plaza is accessible to the public day and night, necessitating walkway lighting near the seawall for safety of the public. Paul has provided all electrical design and construction management for each phase. Scope includes utility relocations, street lighting, warning beacons, provisions for future lighting at planters, and new decorative area site lighting for pedestrian plazas and walkways along the Lakefront in New Orleans.

Orleans Parish Levee District – Lakeshore Drive Decorative Lighting – Lake Marina Dr. to Shelter No. 1

Designed the electrical construction associated with the replacement of existing decorative street lighting along Lakeshore Drive with new, LED lighting to match the look of the fixtures along the seawall. Scope of electrical design included electrical service upgrades and a phased installation approach to limit the impact to local residents and businesses.

Port of New Orleans – Intermodal Improvements


Designed and specified electrical power and high-mast lighting for new intermodal terminal at the Napoleon Ave. entrance. Design included 25 kV oil-filled switchgear, medium voltage transformers and distribution, power for 4160-volt electrified gantry cranes, and provisions for a crane maintenance facility, including a new forced sewer main lift station.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/14/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Paul Schurb Vlosich
2120 Colombo Drive
Harvey, Louisiana 70058-3045

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Paul Schurb Vlosich		
License/Certificate Type - Number	Expiration Date	
PE.0031006	03/31/2026	
Status: Active		

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

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

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

All information provided by LPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LPELS.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Project Assignment:	
Name of Firm with which associated:	
Years' experience with this Firm:	
Education: Degree(s)/Year/Specialization:	
Active registration: Year first registered/discipline:	
Other experience and qualifications relevant to the proposed Project:	

Other Experience and Qualifications Relevant to the Proposed Project (continued)

Veterans Boulevard Decorative Lighting (Bonnabel Canal to Orleans Parish Line)

Electrical design to replace the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the Bonnabel Canal to the Orleans Parish line. Two new electrical service points were established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.

Veterans Boulevard Decorative Lighting (Causeway Boulevard to Bonnabel Canal)

Electrical design to replace the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from Causeway Blvd to Bonnabel Canal. One new 480-volt, single phase electrical service point was established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.

Causeway Boulevard Decorative Lighting (Airline Overpass to West Napoleon)

Electrical design to replace the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the foot of the Airline Overpass to West Napoleon. A new electrical service location was established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.

David Drive Corridor Improvements

Electrical design of Lighting for David Drive from Veterans to West Napoleon and design for new electrical service to feed poles and provide lighting controls. Poles require breakaway base to disconnect power if the integrity of the pole is compromised.

Loyola Westbound Off-Ramp Lighting

This project entailed the addition of an off-ramp lane which caused the relocation of existing light poles. Additional light poles were added to meet the required lighting levels. New lighting circuitry was provided from the existing lighting controller to all lighting poles. New fusing was also provided in each light pole base.

Fourth Street Extension Street Lighting


Lighting design for the extension of Fourth Street in Gretna from Richard Street to Burmaster Street. Design included two new service and lighting controller locations, lighting circuitry, and lighting calculation and submission to LA DODT.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/14/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Richard Earl Nichols
1054 Whitetail Drive
Mandeville, Louisiana 70448

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Richard Earl Nichols		
License/Certificate Type - Number	Expiration Date	
PE.0025896	09/30/2024	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

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TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

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. IMC has no prior or on-going litigation with Jefferson Parish.		
2.		
3.		
4.		

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

IMC Consulting Engineers, Inc. has enjoyed serving Jefferson Parish for over 30 years and has provided extensive electrical and mechanical design and construction administration services for the Parish both as a prime consultant and as a sub-consultant.

Within the past five years, IMC has provided professional services for the Severn Ave. Improvements Project, the Veterans Decorative Lighting Project (Causeway to Bonnabel), the Veterans Decorative Lighting Project (Bonnabel to Parish Line) and the Decorative Lighting along Causeway Blvd. project (foot of Airline Overpass to West Napoleon).

Providing quality professional services to the municipal sector has been a key component of our company's success. Our experience serving this sector has afforded us the opportunity to understand the unique challenges this sector faces, namely budget constraints, operational costs, and the serviceable life that the systems are expected to provide. We look forward to the opportunity of continuing to serve Jefferson Parish!

Please see additional pages for firm's qualifications.

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

Signature: Paul S. Vlosich Print Name: PAUL S. VLOSICH

Title: Principal and Director of Municipal Projects Date: 6/25/2024

N. (continued) Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:

PROFESSIONAL TRAINING AND EXPERIENCE - STREETS

IMC Consulting Engineer's Electrical staff includes Principals, Richard Nichols, P.E. (30+ years of experience) and Paul Vlosich, P.E. (25+ years of experience). IMC also employs two Electrical Designers and one Electrical Intern:

- Daniel Walker (30+ years of experience)
- Garret Fried (5+ years of experience)
- Peter DiMarco

All of our Engineers and Designers are required to obtain a minimum of 15 hours of professional development training each year, eight of which must be associated with life safety training (NFPA 101, IBC, NFPA 72, NFPA 13, etc.), and at least one hour in professional ethics.

While we hope that Section L demonstrates IMC's experience in the design of street and roadway lighting, as well as our experience providing services to Jefferson Parish, we also want to highlight our experience communicating with the Parish's preferred lighting vendor Holophane, and express our gratitude in being able to assist Daloss and David over the years.

SIZE OF FIRM

IMC is an 18-person firm specializing in Mechanical and Electrical design services. Our firm has relatively low overhead and prides itself on productivity. Our engineers and designers are involved in all aspects of the project from design to final observation, decreasing the total impact that a single project has to company resources, and allowing our engineers to take ownership of the projects they have designed.

CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK

Based upon our experience with past contracts with Jefferson Parish, we project that this contract would constitute less than 5% of our revenue in a given fiscal year. As such, we believe that IMC's staff of 18 can support the design effort required for the awarded work. IMC has performed in a timely fashion on work such as this in the past, and we believe that our familiarity with the people, vendors, and type of work advertised in this SOQ will contribute to our efficiency in completing the work in a timely fashion. We hope that our past experience with Jefferson Parish has demonstrated that IMC has the capacity for timely completion of projects; we know of no instance where IMC was not able to deliver a project on time to Jefferson Parish.

PAST PERFORMANCE BY FIRM ON PARISH CONTRACTS

IMC has provided engineering services for many Jefferson Parish projects, both as a Prime consultant and as a sub-consultant. All projects have been successfully completed, and we encourage review of our performance with other Jefferson Parish personnel, including Mr. Ryan Babcock (Director of General Services), and Mr. Mark Drewes (Director of Public Works).

We have enjoyed our relationship with Jefferson Parish over the past 30 years and sincerely believe that we have earned a good reputation with the Parish for delivering quality designs. We hope to continue to have the opportunity to work with Jefferson Parish in the upcoming years.

N. (continued) Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:

LOCATION OF PRINCIPAL OFFICE

IMC's only office is located in Jefferson Parish at 2714 Independence St., and many of our employees reside in Jefferson Parish. IMC has been located in Metairie since 1993. All mechanical and electrical design work will be handled from this office by staff presently with IMC.

ADVERSARIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH

IMC is not involved, nor ever has been involved, in litigation with Jefferson Parish.

PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE & NATURE OF SERVICES

IMC has enjoyed the opportunity to provide services for street lighting projects to Jefferson Parish in the past. We encourage the reader to discuss our prior performance and successful completion of work with Mr. Mark Drewes, P.E., Mr. Daloss Falghou, and Mr. David Vitrano.

IMC CONSULTING ENGINEERS, INC. LICENSE

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

Name:	Public Address:
IMC Consulting Engineers, Inc.	2714 Independence Street Metairie, Louisiana 70006

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001470	Active	11/17/1988	03/31/2025	Mr. Eugene Fallis Higbee III # PE.0026162 ; Mr. Richard Earl Nichols # PE.0025896