ORIGINAL

QUALIFICATIONS AND CREDENTIALS

2750 Lake Villa Drive
Metairie, LA 70002
www.n-yassociates.com

N-Y ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

P: (504) 885-0500
F: (504) 885-0595

Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street); Resolution No. 144734

Presented To:
Jefferson Parish

September 5, 2024

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N-Y ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

1. N-Y TEAM INTRODUCTION

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- N-Y Team Organizational Chart

N-Y ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

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

FRANK NICOLADIS, P.E. — CHAIRMAN, FOUNDER

ESTABLISHED 1969

Reply to Metairie Office

September 5, 2024

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

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

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide Engineering Services for Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street) Project in Jefferson Parish.

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 drainage 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 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).

N-Y ASSOCIATES, INC.
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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 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.**
- **IMC Consulting Engineers, Inc. will provide electrical engineering for street lighting if required.**

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

CONCLUSION:

Should we be selected, **Frank Nicoladis, PE** 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 with 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

N-Y ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

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

JEFFERSON PARISH
STATE OF LOUISIANA

Principal / Project Oversight
N-Y Associates, Inc.
Frank Nicoladis, PE

Project Management
N-Y Associates, Inc.
James Simmons, PE, Project Manager
Michael Nicoladis, EI, MBA, Contract Manager

Topographic Surveying
BFM Corporation, LLC
Ralph Fontcuberta, Jr., PLS
Gary Lambert, PLS
John Thayer, Field Operations
Chris Lemley, Crew Chief

Roadway and Drainage
N-Y Associates, Inc.
James Simmons, PE
Constantine Nicoladis, PE
Fred Mortali, PE
William Haensel, PE, PLS
Neil Logan, PE
Patricia Claverie, EI, MS
Dennis Voss, NICET

Geotechnical Engineering
Gulf South Engineering and Testing, Inc.
Chad Poche, PE
Bryson S. Beard, EI
Joseph Binder, III
Eric A. Paille, CET, ACI

Roadway Lighting (if required)
IMC Consulting Engineers, Inc.
Richard Nichols, PE
Paul Vlosich, PE

Resident Inspection
N-Y Associates, Inc.
Johnny Thompson, QAR
Stanley Mitchell, QAR

Traffic Engineering
Urban Systems, Inc.
Alison Catarella-Michel, PE, PTOE
Nicole Stewart, PE, PTOE
Christine M. Darrah, PE
Matthew H. Morgan, PE

N-Y ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

2. N-Y ASSOCIATES, INC.

Prime Consultant

- TEC Professional Services Questionnaire
- Letters of Recommendation

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

N-Y ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

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

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

B. **Firm Name & Address:**

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**

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

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:**

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**

* ***N-Y senior technical personnel prepare estimates.***
** ***N-Y senior technical personnel write specifications.***
*** ***N-Y Sanitary Engineers are included in Civil Engineers.***
**** ***N-Y Transportation Engineers are included in Civil and Structural Engineers***

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.**		
	N/A		
H.	**Has this JOINT-VENTURE previously worked together? Please check:** **YES ☐ NO ☐ N/A**		
I.	**List all subcontractors anticipated for this Project. Please note that <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:** **<u>20</u>**		

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:

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.

LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment; Plaquemines Parish, LA: The reconstruction of the existing 4 mile, two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

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.

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.

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.

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.

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.

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.

Waterline Replacement/Roadway & Utility Reconstruction for portions of the CBD, French Quarter and Iberville Neighborhoods; New Orleans, LA: Waterline replacement and roadway reconstruction for portions of 28 different streets. The work included: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

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.

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.

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.

$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.

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.

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

ATSSA TRAINED

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

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 grinder 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 (BOR) 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 BOR, and in consequence, should qualify for a formal 6.5 PDH credits.

James Nelson
President, ACEC/MS

Judy Adams
Executive Director, ACEC/MS

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Supervisor
Training Course

9/6/2023 to 9/6/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

U.S. Department Of Transportation
Federal Highway Administration

NHI NATIONAL HIGHWAY INSTITUTE

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

Instructor

Coordinator

Director, National Highway Institute
Federal Highway Administration

Director, Office of Professional Development
Federal Highway Administration

DOTD Louisiana Department of Transportation & Development

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

Director of Local Public

February 24, 2015
Date

New Orleans, Louisiana

DOTD Louisiana Department of Transportation and Development

DESTINATION ZERO DEATHS

This certificate of training is presented to

JAMES SIMMONS

In Recognition of Attending

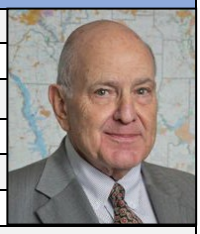
Highway Safety Manual Workshop

Baton Rouge, Louisiana

Elizabeth Wemple, PE
Eric Tang, PE
Instructor

18.0 Professional Development Hours

Nov 30—Dec 2, 2011
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:	

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.

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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.

Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.

Maplewood / Pailet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Pailet Subdivision.

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.

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:

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.

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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Phone (225) 925-6291
www.lapels.com

Mr. Frank Nicoladis

License/Certificate Type - Number	Expiration Date
PE.0005924	03/31/2025

Status: Active

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:	

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.

Street and Roadway Projects:

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.

LA Highway 23 (Happy Jack to N. Port Sulphur); Plaquemines Parish, LA: The reconstruction of the existing 4 mile, two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

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.

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.

Improvements to West Esplanade Avenue from Bonnabel 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.

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.

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.

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.

Waterline Replacement/Roadway & Utility Reconstruction for portions of the CBD, French Quarter and Iberville Neighborhoods; New Orleans, LA: Waterline replacement and roadway reconstruction for portions of 28 different streets. The work included: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

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.

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.

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.

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:

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.

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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Mr. Michael F. Nicoladis

License/Certificate Type - Number
EI.0008705

Expiration Date
09/30/2025

Status: Active

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:	

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.

Roadway and Drainage Projects:

LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment; Plaquemines Parish, LA: The reconstruction of the existing 4 miles, two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

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.

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.

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.

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.

Waterline Replacement / Roadway & Utility Reconstruction for portions of the CBD, French Quarter and Iberville Neighborhoods; New Orleans, LA: Waterline replacement and roadway reconstruction for portions of 28 different streets. The work included: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.

Maplewood/Pailet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Pailet Subdivision.

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.

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.

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.

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.

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.

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

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.

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.

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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Mr. Constantine Frank Nicoladis

License/Certificate Type - Number	Expiration Date
PE.0027095	09/30/2025

Status: Active

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:

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.

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.

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.

Waterline Replacement/Roadway & Utility Reconstruction for portions of the CBD, French Quarter and Iberville Neighborhoods; New Orleans, LA: Waterline replacement and roadway reconstruction for portions of 28 different streets. The work included: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

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.

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.

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.

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.

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.

Memberships & Associations:

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

LICENSURE/CERTIFICATIONS: FRED MORTALI, PE

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Mr. Fred Charles Mortali

License/Certificate Type - Number	Expiration Date
PE.0035111	03/31/2026

Status: Active

ATSSA TRAINED

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

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Attendance

presented to

Fred Mortali

for attending the

Highway Safety Manual Workshop
20 Professional Development Hours

March 8-10, 2016

Baton Rouge, Louisiana

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA TRANSPORTATION RESEARCH CENTER

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:

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.

Roadway & Drainage Experience:

- **With N-Y**

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.

- **With Other Firms**

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.

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.

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.

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.

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.

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.

Memberships & Associations:

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

LICENSURE/CERTIFICATIONS: WILLIAM HAENSEL, PE, PLS

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

Mr. William B. Haensel Jr.

License/Certificate Type - Number
PE.0013375

Expiration Date
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

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Mr. Neil D. Logan

License/Certificate Type - Number	Expiration Date
PE.0014607	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:

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.

Roadway & Drainage Experience:

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.

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.

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.

- **With Other Firms**

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.

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.

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.

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:

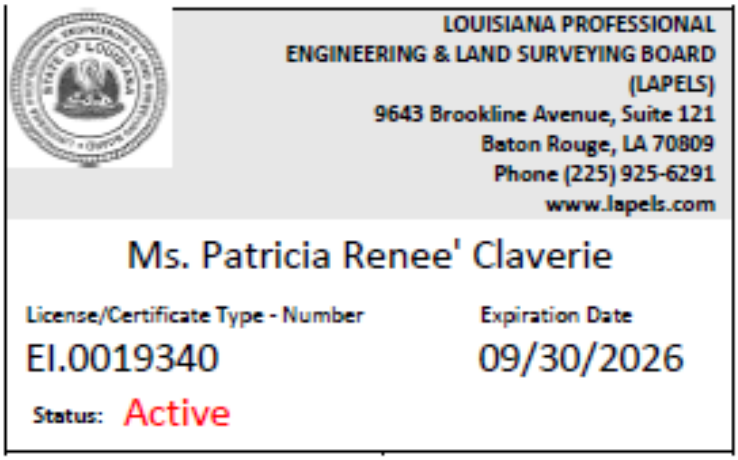
US Army Corps of Engineers, MVN – Levees Section New Orleans, LA: Ms. Claverie reviewed plans and prepared specifications for levee and other flood protection projects, analyzed cross sections and topography data, utilized CSV (Cross Section Volume) Program, located and sized borrow pits and calculated 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



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Ms. Patricia Renee' Claverie

License/Certificate Type - Number
EI.0019340

Expiration Date
09/30/2026

Status: Active

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:

Roadway and Drainage Projects:

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.

LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment; Plaquemines Parish, LA: The reconstruction of the existing 4 mile, two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.

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.

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.

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.

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.

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.

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.

Waterline Replacement/Roadway & Utility Reconstruction for portions of the CBD, French Quarter and Iberville Neighborhoods; New Orleans, LA: Waterline replacement and roadway reconstruction for portions of 28 different streets. The work included: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.

Maplewood/Pailet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Pailet Subdivision.

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.

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

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.

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.

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: 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.

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.

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 an 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

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Dennis Voss

for attending the

Roundabout Design Workshop
Level 1

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LTRC
Louisiana Transportation Research Center

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 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.

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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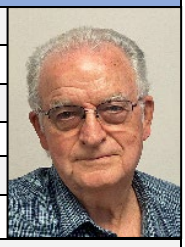
KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:



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 Railyard Expansion; St. Charles Parish, LA: Resident Inspection Services during the construction of a five-track railyard 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)

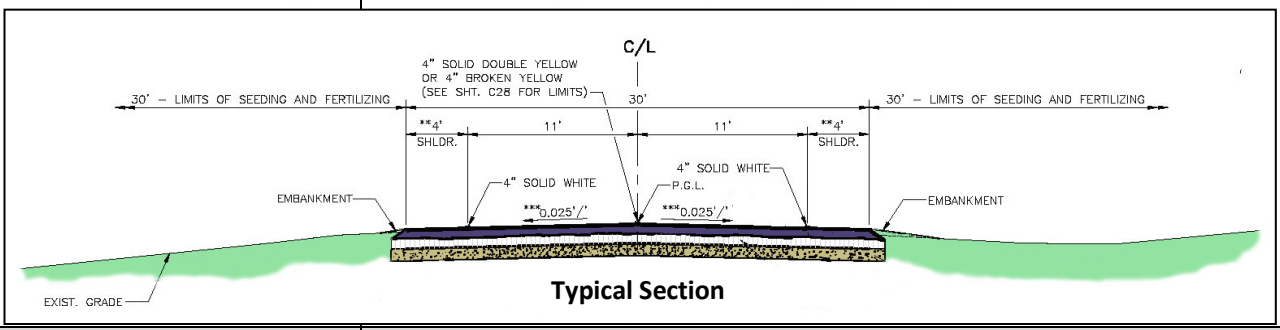
In this role, Mr. Mitchell's responsibilities included the following:

- 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:
Roadway Widening / Reconstruction and Drainage Improvements to France Road, from Hayne Boulevard to US 90/ Chef Menteur Highway; New Orleans, LA **Owner:** **Port of New Orleans** **1350 Port of New Orleans Place** **New Orleans, LA 70130** **Contact:** **Anthony Evett** **Chief Engineer** **(504) 528-3309** **N-Y Personnel:** J. Simmons, PE F. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE D. Voss, NICET	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. 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. **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 was raised to minimize potential periodic flooding.** 



Typical Section

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	**$3.5 million**	**100%**

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:

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

Owner:
Plaquemines Parish
333 F. Edward Hebert Blvd.
Belle Chasse, LA 70037

Contact:
Ken Dugas, PE
(504) 934-6116

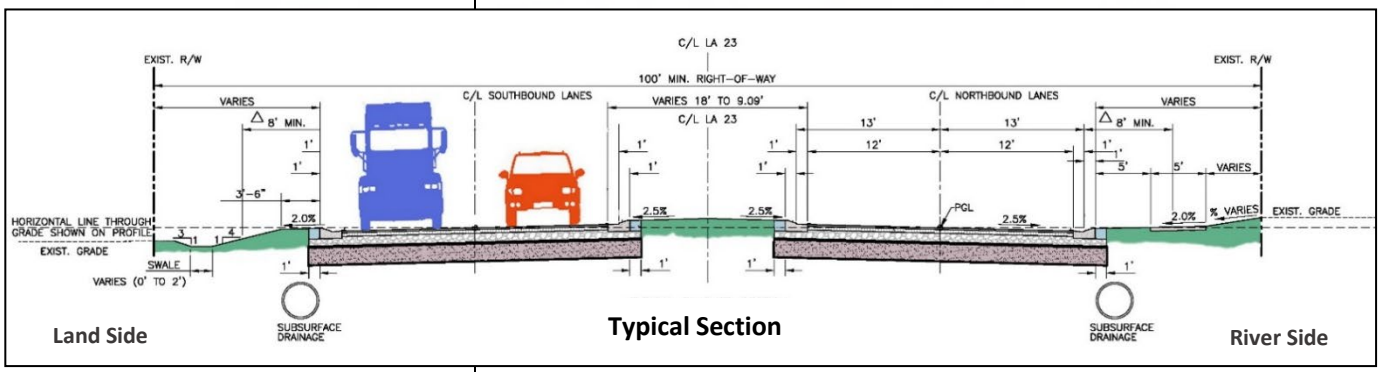
N-Y Personnel:
J. Simmons, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
C. Nicoladis, PE
D. Voss, NICET

LA 23 is the only highway access to the residential areas and the oil and fishing industry in southern Plaquemines Parish. LA 23 is also the Official Evacuation Route for Plaquemines Parish. For most of its length, LA 23 exists as a four-lane section. However, between the communities of Happy Jack and Port Sulphur, a 3.8 mile stretch of highway consists of only two lanes.

Plaquemines Parish, the LADOTD, and the RPC saw the need to widen this segment to four lanes, and thus commissioned a Stage 1 Environmental Assessment. The EA included the development, refinement, and analysis of alternatives, conceptual roadway and drainage plans, cost estimates and an analysis of likely impacts.

After completion of the EA, Plaquemines Parish contracted with N-Y to prepare the topographic survey and the construction plans and specifications for reconstructing the existing 3.8-mile two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards and reviewed by LADOTD.

LA Highway 23



Typical Section

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (Design)	$60 million	100%

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:

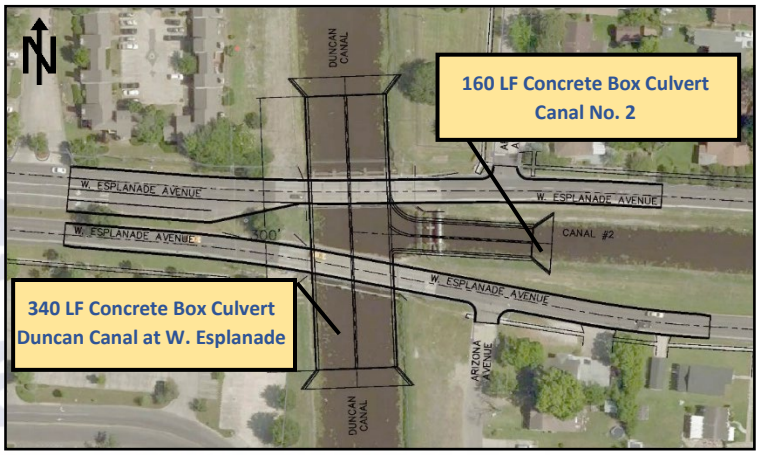
Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA

Owner:
City of Kenner
1801 Williams Blvd.
Kenner, LA 70062

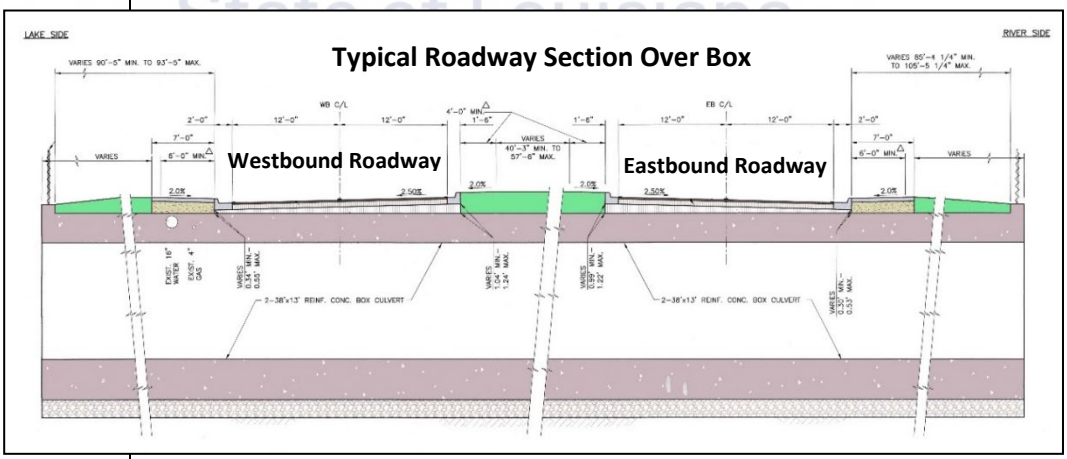
Contact:
Jose' Gonzalez, PE
Chief Administrative Officer
(504) 468-7240

A Hydraulics Study using HEC-RAS and LADOTD Standards, and Preliminary and Final Design of a *38'w x 13'h double barrel, 3000 CFS, 340 LF reinforced concrete box culvert* which will replace the existing bridges and improve stormwater flow in the Duncan Canal at its intersection with Canal No. 2 at West Esplanade Avenue. N-Y also designed a *160 LF, 14'w x 8'h double barrel reinforced concrete box culvert* in Canal No. 2, which intersects with the Duncan Canal.

- ***The project also included the reconstruction of a segment of eastbound and westbound W. Esplanade Avenue including topographic survey, geotechnical investigation and traffic engineering.***



N-Y Personnel:
C. Nicoladis, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
J. Simmons, PE
F. Mortali, PE
D. Voss, NICET



Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	$14.7 million	100%

PROJECT NO. 4	
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:

New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA

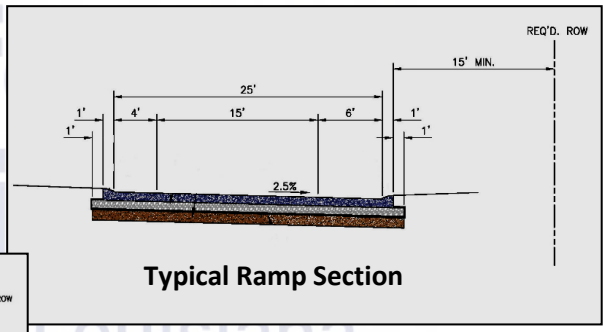
Owner:
Jefferson Parish
1221 Elmwood Park Blvd.
Harahan, LA 70123

Contact:
Mark Drewes, PE
Director of Public Works
(504) 736-6783

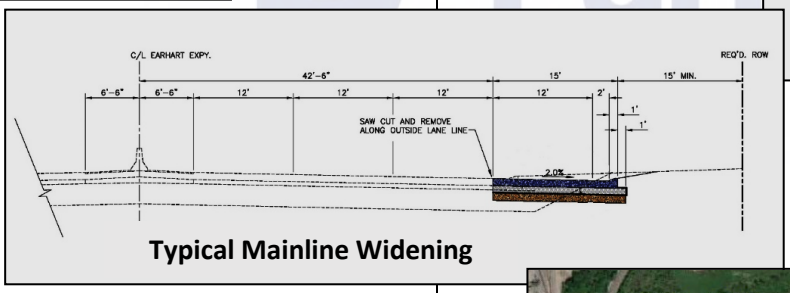
N-Y Personnel:
J. Simmons, PE
F. Nicoladis, PE
C. Nicoladis, PE
M. Nicoladis, EI, MBA
F. Mortali, PE
D. Voss, NICET

Geometric Study, Access Justification Report (AJR), Preliminary and Final Design, Bidding and Construction Administration for ***new on and off ramps at Lead Street to the Earhart Expressway.***

- **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.



Typical Ramp Section



Typical Mainline Widening

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
N/A (Currently on Hold)	$7 million est.	100%

PROJECT NO. 5	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Improvements to Destrehan Avenue, Phases I and II; Jefferson Parish, LA **Owner:** **Jefferson Parish** **1221 Elmwood Park Blvd.** **Harahan, LA 70123** **Contact:** **Mark Drewes, PE** **Director of Public Works** **(504) 736-6783** **N-Y Personnel:** J. Simmons, PE F. Nicoladis, PE M. Nicoladis, EI, MBA C. Nicoladis, PE D. Voss, NICET	**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.** The project also included the relocation of a sewer lift station and widening, lengthening, and raising a three-span, prestressed, precast concrete girder bridge. **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. 

Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Phase I: 2007 **Phase II: 2008**	**Phase I: $10.5 million** **Phase II: $10.2 million**	**Phase I: 100%** **Phase II: 100%**

PROJECT NO. 6	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Improvements to West Esplanade Avenue, from Bonnabel Boulevard to Lake Avenue; Jefferson Parish, LA **Owner:** **Jefferson Parish** **1221 Elmwood Park Blvd.** **Harahan, LA 70123** **Contact:** **Mark Drewes, PE** **Director of Public Works** **(504) 736-6783** **FEMA Funded** **N-Y Personnel:** J. Simmons, PE F. Nicoladis, PE M. Nicoladis, EI, MBA C. Nicoladis, PE D. Voss, NICET	**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. **B. Improvements to the intersection of West Esplanade and Lake Avenue were added to the project and completed in 2006.**  

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
A. 2002 **B. 2006**	**A. $5 million** **B. $750,000**	**100%**

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:

Improvements to West Napoleon Avenue, from Cleary to Houma Boulevard Jefferson Parish, LA

Owner:
Jefferson Parish
1221 Elmwood Park Blvd.
Harahan, LA 70123

Contact:
Mark Drewes, PE
Director of Public Works
(504) 736-6783

N-Y Personnel:
J. Simmons, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
W. Haensel, PE *
D. Voss, NICET

* while with another firm.

Design, bidding, construction administration, and resident inspection for a **new four-lane, urban roadway.**

- **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.**

West Napoleon Eastbound Lanes
South Side of Canal No. 4

Suburban Canal/Canal No. 4 Junction Looking North

West Napoleon Westbound Lanes
North Side of Canal No. 4

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2004	$9 million	100%

PROJECT NO. 8	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Improvements to Veterans Memorial Boulevard, from David Drive to Roosevelt Boulevard; Jefferson Parish, LA **Owner:** **Jefferson Parish** **1221 Elmwood Park Blvd.** **Harahan, LA 70123** **Contact:** **Mark Drewes, PE** **Director of Public Works** **(504) 736-6783** **N-Y Personnel:** J. Simmons, PE F. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET	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.  

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2004	$4.5 million	100%

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Street and Drainage Reconstruction Projects for the City of New Orleans, LA a. Tchoupitoulas Corridor Signage and Striping (Henry Clay to Melpomene) b. VAMC and UMC Infrastructure Improvements; S. Galvez & Canal Streets c. St. Roch Neighborhood d. N. Galvez Street (Tennessee to Delery) e. Desire Street (N. Dorgenois to N. Roman) f. Royal Street (Caffin-Charbonnet) g. S. Prieur Street (Upperline to Napoleon) h. Madrid, Mendez and Soldiers Streets i. Press Drive j. 88-8-C1 * k. Tchoupitoulas Street, Phase I l. 85-10-B2 * m. 84-3 * n. 83-12- D1/D2 * o. Freret Street p. 7th Year Program q. 6th Year Program * Project included multiple streets Owner: City of New Orleans, Dept. of Public Works 1300 Perdido Street New Orleans, LA	Over the past forty-five (45) 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.  b. South Galvez Street  b. Canal Street **N-Y Personnel:** C. Nicoladis, PE F. Nicoladis, PE J. Simmons, PE M. Nicoladis, EI F. Mortali, PE D. Voss. NICET

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
a. 2019; b. 2018; 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. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:

US Highway 61 Bridges and Bypass Road; East Baton Rouge Parish, LA

Owner:
USACE, New Orleans District
7400 Leake Avenue
New Orleans, LA 70160

Contact:
Chris Dunn, PE
Chief Engineer
(504) 862-1799

N-Y Personnel:
J. Simmons, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
S. Fall, PE
F. Mortali, PE
D. Voss, NICET
N. Jackson, CADD/CIM

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.

N-Y was the designer and professional engineer of record for the following features of work:

US Highway 61 Bridges and Bypass Road:

- **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 was required for construction of the new US Highway 61 Bridges.** Bulb Out Direction Crossovers were required during the bypass road phase and retained in the final phase. These crossovers were 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 included: Design for the 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.**

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	$50 million	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.

SECTION N. TABLE OF CONTENTS

I. EXECUTIVE SUMMARY

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.

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.

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.

II. MINIMUM QUALIFICATIONS

1. One Principal who is a licensed, registered professional engineer in the State of Louisiana:
   - 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 licensed, registered professional civil engineer in the State of Louisiana with a minimum of five (5) years' experience:
   - James Simmons, PE
     LA PE No. 19891, Expires 09/30/2025
     47 Years of Experience

3. One Employee who is a licensed, registered professional engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline:
   - 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
   - William Haensel, PE, PLS
     LA PE No. 13375, Expires 03/31/2025
     43 Years of Experience

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 services for Hickory Avenue 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.*
- **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

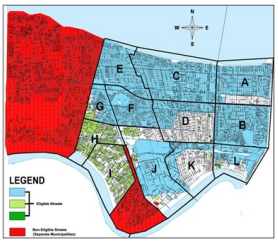
➢ Subconsultants

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.

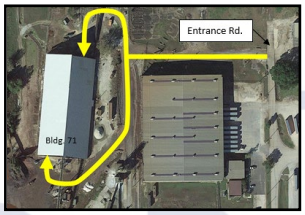
- **BFM Corporation, LLC will provide all required topographic surveying.**
- **Gulf South Engineering and Testing, Inc. will provide all required geotechnical engineering.**
- **Urban Systems, Inc. will provide all required traffic engineering.**
- **IMC Consulting Engineers, Inc. will provide electrical engineering for street lighting if required.**

➢ **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:



Program Management of the FEMA Submerged Roads Program for the East Bank of Jefferson Parish, LA: 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. 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.



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/ Pailet Subdivision; Jefferson Parish, LA: Design, Bidding, Construction Administration and Resident Inspection for subsurface drainage and street improvements in the Maplewood/Pailet 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 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. SIZE OF FIRM

N-Y's current staff is more than capable of performing the tasks required by 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 the schedule set by the Parish.

3. CAPACITY FOR TIMELY COMPLETION

The N-Y Team has capacity of personnel, computer software and equipment to provide the 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

4. 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-five (45) 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
- Naval Facilities Engineering Command
- United States Postal Service
- United States Fish and Wildlife Service
- United States Department of Veterans Affairs

5. 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.

6. ADVERSARIAL LEGAL PROCEEDINGS

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

7. 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

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:** 9/5/2024

N-Y ASSOCIATES, INC. LICENSES

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

USACE, NEW ORLEANS DISTRICT
ACASS RATINGS

Levee Periodic Inspection for Mississippi River West Bank – Below Morganza Levee System in Pointe Coupee, West Baton Rouge, Iberville, New Iberia, Ascension and St. Martin Parishes, LA (2020)

Official Comments: ***"The contractor provided an excellent work product. The contractor conducted a thorough inspection of the levee system and delivered high quality report in accordance with levee safety guidelines. The contractor completed all tasks ahead of schedule or within the time allotted. The contractor was able to manage their own work and required very little guidance."*** ***RATING: EXCEPTIONAL***

Levee Periodic Inspection for Non-Federal Levee Systems in Terrebonne Parish, LA (2019)

Official Comments: ***"All work has been completed on schedule, at no additional cost and without any issues or problems." "Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future."*** ***RATING: EXCEPTIONAL***

Levee Periodic Inspection for Caernarvon to Phoenix Polder Levee System in Plaquemines Parish, LA (2018)

Official Comments: ***"The contractor delivered excellent work product that is a valuable asset to the MVN Levee Safety Program." "Completed all tasks ahead of schedule or within the time allotted; Completed all tasks within awarded budget without the need to renegotiate." "Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future."*** ***RATING: EXCEPTIONAL***

Levee Periodic Inspection for Angola Ring Levee and Simmesport Ring Levee in West Feliciana Parish, LA (2018)

Official Comments: ***"The contractor delivered excellent work product that is a valuable asset to the MVN Levee Safety Program." "Completed all tasks ahead of schedule or within the time allotted; Completed all tasks within awarded budget without the need to renegotiate." "Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future."*** ***RATING: VERY GOOD***

Project Management Support for Flood Risk Management Risk Consequence Data in the MVN Area of Responsibility (2018)

Official Comments: ***"The contractor maintained and managed the project very well, no issues." "The contractor met the standards of the contract, performed tasks according to their schedule and did not run over the budget." "Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future."*** ***RATING: VERY GOOD***

100% Final Design for Manchac Levee Enlargement in East Baton Rouge and Iberville Parishes, LA (2013)

Official Comments: ***"The A/E was easy to work with and the products were delivered on time." "N-Y Associates did an excellent job in preparing the P&S."*** ***RATING: EXCEPTIONAL***

Engineering during Construction for Manchac Levee Enlargement in East Baton Rouge and Iberville Parishes, LA (2015)

Official Comments: ***"Excellent quality of work." "Excellent and timely management." "Excellent work product and cost control." "Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future."*** ***RATING: EXCEPTIONAL***

PAST PERFORMANCE QUESTIONNAIRE

Contractor: **N-Y Associates, Inc.**

The contractor or subcontractor named above, who is doing business (or has done business with your organization in the past, provided your name as a reference for past performance to the USDA Forest Service. The contractor was informed, via a solicitation provision, that by listing you as a reference and requesting your submission of this questionnaire, they are authorizing you to release information to our agency relative to their past performance, whether positive or negative. Responses will be treated as source selection sensitive information.

Please answer the questionnaire, using adjectival ratings provided. Handwritten or electronic responses are acceptable. If you need more space than provided, please attach additional pages. Email, scan or fax the completed questionnaire directly from you to the attention of the Gemaa Pelch: **Fax: (601)965-1788,* **Email:* gpelch02@fs.fed.us

Name of Respondent: **Reda Youssef, PE**

Title: **Director of Capital Projects**

Agency/Company Name: **Jefferson Parish**

Telephone Number: **(504) 736-6833**

Email Address: **ryoussef@jeffparish.net**

Contract Number/ Project Reference Number: **Various; N-Y has worked continuously for Jefferson Parish since 1976.**

Description of Project: **Design of Roadway, Bridge, Water, Sewerage and Drainage Improvements**

Project Location: **Jefferson Parish, LA**

Total Contract Value: **Numerous Contracts: +/- $100,000 to $2,500,000 each**

Period of Performance: **2006-2018**

Explanation of Adjectival Ratings:

E	EXCEPTIONAL: Performance met contractual requirements and substantially exceeded most (requirements). Any problems encountered resulted in corrective actions taken by the contractor which exceeded expectations and were highly effective. Contractor consistently performed at the highest level.
V	VERY GOOD: Performance met contractual requirements and exceeded some (requirements). Any problems encountered resulted in corrective actions taken by the contractor which were effective.
S	SATISFACTORY: Performance met all minimum requirements. Any problems encountered resulted in corrective actions taken by the contractor which appear or were satisfactory.
M	MARGINAL: Contractor met contract requirements with minor government agency resource oversight or assistance. Performance appeared weak in meeting all minimum contractual requirements.
P	POOR: Performance may not have met minimum contractual requirements or nonconformance jeopardized the achievement of contract requirements. Performance necessitated major government agency oversight or assistance.
N	NEUTRAL: Relevant past performance does not exist or information is not available. Offeror is not evaluated favorably or unfavorably.

PAST PERFORMANCE QUESTIONNAIRE

Contractor: **N-Y Associates, Inc.**

Using the codes above, circle the appropriate letter for each item on the questionnaire and record any comments.

QUALITY OF WORKMANSHIP

- Rate the contractor's compliance with contract terms and conditions and statement of work. (E) V S M P N
  Comments:

- Did the contractor provide adequate, competent and qualified management, key personnel and technical personnel capable of meeting contract requirements throughout the performance period of the contract? (E) V S M P N
  Comments:

- How well did the contractor work independent of agency guidance, oversight and assistance? E (V) S M P N
  Comments:

- How effective was the contractor in meeting Cost/Price performance targets and controlling costs (i.e. changes, etc.)? Did they demonstrate reasonableness in modifications scope and costs?
  Comments:

- Were subcontractors/tradesmen adequately managed and coordinated? Explain any subcontracting issues (positive or negative) that impacted the performance of your contract(s). (E) V S M P N
  Comments:

CUSTOMER SATISFACTION

- How reasonable and cooperative was the contractor during performance? (E) V S M P N
  Comments:

- How committed was the contractor to customer satisfaction? (E) V S M P N
  Comments:

TIMELINESS OF PERFORMANCE

- How well did the contractor adhere to the agreed-to schedule? E (V) S M P N
  Comments:

PAST PERFORMANCE QUESTIONNAIRE

Contractor: **N-Y Associates, Inc.**

- Did the contractor provide timely notice of delays/schedule revisions? What were the causes of any schedule variances?
  Comments:

E	V	S	M	P	N

- Were data, deliverables, and reports submitted on time?
  Comments:

E	V	S	M	P	N

SAFETY RECORD

- How effective was the contractor's safety program to ensure compliance with federal, state and local regulations?
  Comments: NOT APPLICABLE

E	V	S	M	P	N

- Did the contractor implement and follow their safety plan?
  Comments: NOT APPLICABLE

E	V	S	M	P	N

- Did they run a "safe jobsite"?
  Comments: NOT APPLICABLE

E	V	S	M	P	N

OVERALL PAST PERFORMANCE

- What is your overall rating of the contractor's performance?
  Comments:

E	V	S	M	P	N

- What are the contractor's strengths? Knowledgeable & Follows up to complete assignments
- Did you recognize any weaknesses of the contractor during performance? NO
- Given the choice, would you work with this contractor again? Why or why not? Because of pleasant experience with his past performance in many projects.

YES	NO

Thank you for your assistance.

Sewerage & Water Board of New Orleans	VENDOR PERFORMANCE EVALUATION PROFESSIONAL SERVICES AND CONSTRUCTION	Page 1

1. Use this form to report vendor performance (positive or negative) for rendering of Professional services and construction.
2. The person designated for accepting services is responsible for filling out this form (type or print). Only page 1 is required, if page 2 is not used. However, if any area on page 1 is marked "unsatisfactory", page 2 must also be filled out and submitted with page 1 (see page 2, Explanations/Comments, when marking "unsatisfactory"). Page 2 is NOT restricted to "unsatisfactory" comments. If you have something good you want on record, use page 2. Attach documents, if applicable.
3. SWBNO Contracts: at a minimum this form MUST be completed and submitted not later than 2 weeks after completion/expiration of a SWBNO contract for professional services or construction. Past performance is considered on future contracts.
4. **Send SIGNED form to: Office of Procurement 625 St. Joseph Street, New Orleans, LA. 70112**
   Attn: Director of Procurement

VENDOR INFORMATION	COMPLETE ALL APPLICABLE INFORMATION
Company/ Vendor: N-Y ASSOCIATES, INC	Contract Number No: Description/ Title: H#952xx
Mailing Address: 2750 LAKEVILLA DRIVE	Contract Term (Dates) To: Q4 2016 From: Q1 2019
City, St, Zip Code: METAIRIE, LA 70002	Purchase Order Number: AGENT PO :: 159297
Representative Evaluated: ARCHITECTS & ENGINEERS	Task Order Number: N/A
Telephone Number: 504 885-0500	Other Reference: N/A
FaxNumber: 504-885-0595	

DEFINITIONS

OUTSTANDING – Vendor considerably exceeded minimum contractual requirements or performance expectations of the products/services; The vendor demonstrated the highest level of quality workmanship/professionalism in execution of contract.

EXCELLENT (Exc) - Vendor exceeded minimum contractual requirements or performance expectations of the products/services.

SATISFACTORY (Sat) - Vendor met minimum contractual requirements or performance expectations of the products/services.

UNSATISFACTORY - Vendor did **NOT** meet the minimum contractual requirements or performance expectations of the products and/or services; Performed below minimum requirements (see page 2, Explanations/Comments)

EVALUATIONS: (Place "X" in appropriate box for each major area.)

Criteria (includes change orders/amendments)	Out-standing	Exc	Sat	Un-Sat	Not Apply
1. Supplies delivered/Work performed on schedule.	X				
2. Condition of delivered supplies (includes handling/packaging). BOARDS	X				
3. Quality of deliveries/work performance.	X				
4. Adherence to specifications/statement of work.	X				
5. Resolved problems/customer complaints timely. REDESIGNS	X				
6. Working relationship/interfacing with staff/~~public sector (citizens)~~ SHPO	X				
7. Service Call (On-Call) response time. SLUICE GATE & FILTER GALLERY	X				
8. Other (specify):					
9. Overall evaluation of compliance with contract requirements.	X				

	Yes	No	N/A
10. Compliance with DBE participation and reporting	X		
11. Compliance with Local Hire/Living Wage participation and reporting	X		

EVALUATED BY

Signature:	Date of Evaluation: 11/16/18
Print Name: RYAN BATTAGLIA, P.E.	Department/Division: CIVIL ENGINEERING
Title: SENIOR ENGINEER	Telephone No: 504 865-0514

Sewerage & Water Board of New Orleans	VENDOR PERFORMANCE EVALUATION PROFESSIONAL SERVICES AND CONSTRUCTION	Page 2

Company/ Vendor Name: N-Y ASSOCIATES, INC	Contract Number and/or Other Reference: H0952 XX (8154) (8157)

Contract Ref No.	EXPLANATIONS/COMMENTS 1. Do not submit page 2 without page 1. 2. Be specific (include paragraph and page numbers referenced in the applicable contract, purchase order, etc.). Continue on separate sheet (enter company name and contract number or other reference)
	N-Y ASSOCIATES, INC ENGINEERING AND ARCHITECTURAL SERVICES WERE TASKED WITH DESIGNING A FEMA P-361 SAFE HOUSE AT THE CARROLLTON WATER PLANT. THE DESIGN INCLUDED A NEW BUILDING AND RETROFITTING EXISTING BUILDINGS TO CURRENT CODES. N-Y WORKED WITH SWBNO GRANT MANAGERS AND WAS INSTRUMENTAL IN NAVIGATING FUNDING REQUIREMENTS WITH GOHSEP. THEY COORDINATED SCHEDULES AND LOGISTICS WITH SEVERAL CONSULTANTS ON NEIGHBORING PROJECTS. N-Y WAS ALSO FLEXIBLE WITH SWBNO'S SCHEDULE REQUESTS AND FLUCTUATING SCOPE. I WOULD RECOMMEND USING BOTH N-Y'S ARCHITECTURAL & ENGINEERING SERVICES.

Ref No.	ACTION TAKEN BY VENDOR (reply below or submit separate correspondence)

NAME/TITLE OF VENDOR REPRESENTATIVE	SIGNATURE	DATE

FOR PROCUREMENT SERVICES OFFICE USE ONLY

" " findings have been determined as VALID ( ) NOT VALID ( ). Reasons:

Signature:	Date:
Name/Title:	Telephone No:

Louisiana Department of Education

Section I. RATING

Using the Rating Scale provided below, rate the following numbered items by circling the appropriate number for each item:

Rating Scale Category	Score
Poor or Inadequate Performance	0
Below Average	1 – 3
Average	4 – 6
Above Average	7 -9
Excellent	10

*Circle **ONE** number for each of the following numbered items:*

1. Rate the overall quality of the vendor's services:

10 9 8 7 6 5 4 3 2 1 0

2. Rate the response time of this vendor:

10 9 8 7 6 5 4 3 2 1 0

3. Rate how well the agreed upon, planned schedule was consistently met and deliverables provided on time.

(This pertains to delays under the control of the vendor):

10 9 8 7 6 5 4 3 2 1 0

4. Rate the overall customer service and timeliness in responding to customer service inquiries, issues and resolutions:

10 9 8 7 6 5 4 3 2 1 0

5. Rate the knowledge of the vendor's assigned staff and their ability to accomplish duties as contracted:

10 9 8 7 6 5 4 3 2 1 0

6. Rate the accuracy and timeliness of the vendor's billing and/or invoices:

10 9 8 7 6 5 4 3 2 1 0

7. Rate the vendor's ability to quickly and thoroughly resolve a problem related to the services provided:

10 9 8 7 6 5 4 3 2 1 0

8. Rate the vendor's flexibility in meeting business requirements:

10 9 8 7 6 5 4 3 2 1 0

9. Rate the likelihood of your company/organization recommending this vendor to others in the

future:

10 9 8 7 6 5 4 3 2 1 0

Section II. GENERAL INFORMATION

1. Please include a brief description of the services provided by this vendor:
Project design, deliver product on time, manage all subconsultants related to the project, complete and deliver the project on time

2. During what time period did the vendor provide these services for your business? Month:
Year: 2015 to Month: JUNE Year: 2022

Section III. ACKNOWLEDGEMENT

I affirm to the best of my knowledge that the information I have provided is true, correct, and factual:

Signature of Reference — Title: Project Manager

PIERRE CHARBONNET
Print Name

504-915-2830
Phone Number

PIERRE.CHARBONNET@JACOBSCSRS.COM
Email Address

5/18/22
Date

Jefferson Parish Sheriff's Office

August 12, 2024

To Whom it May Concern,

I am Craig J. Cimo II, General Services Commander for the Jefferson Parish Sheriff's Office. My division manages all building maintenance, repairs, renovations and construction for the Sheriff's Office.

I have utilized N-Y Associates to design and manage several projects for the Jefferson Parish Sheriff's Office. The design, plans and specifications were done very efficiently and comprehensively which resulted in a smooth process from the public bid through the completion of the projects.

Currently, we are utilizing N-Y Associates for the Jefferson Parish Sheriff's Office Tornado Repair Project. Following the tornado and subsequent required remediation to our 100,000 SF Building, we engaged N-Y to Engineer, Design and Plan the extensive repairs needed to place this critical building back into use as quickly as possible. This was a very complex project, requiring extensive Structural, Mechanical and Electrical Engineering, as well as, Architectural Design due to the severe damage to the building. N-Y Associates response was swift and efficient. They provided a complete set of Plans and Specifications in record time. We had very minimal time for plan review, before going to bid, due to the need to place the building back into use. Once awarded, the project proceeded on schedule with very minimal Change Orders resulting from the Plans and Specifications. All Requests for Information and the few changes were handled efficiently and effectively. The project is now Substantially Complete.

Jefferson Parish Sheriff's Office is currently utilizing N-Y Associates on a new project and I would recommend N-Y Associates based on their past and current performance and professionalism.

Sincerely,

Craig J. Cimo II
504-940-8199

3. BFM CORPORATION, LLC

Subconsultant: Topographic Surveying

- **TEC Professional Services Questionnaire**

BFM CORPORATION LLC
A PROFESSIONAL LAND SURVEYING COMPANY

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Hickory Avenue (LA 3154) Rehabilitation

(River Road to 10th Street)

SOQ **24-030** | Resolution No. **144734**

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:

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

26 *(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:

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);
57 years total (1967)

Gulf South Engineering and Testing, Inc. | 2017 to present
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)

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 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.

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.

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)

BFM Corporation, LLC | 2014 to present
G.E.C., Inc. | 2010 to 2014
Krebs, LaSalle, LeMieux Consultants, Inc. | 2006 to 2010

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

American Traffic Safety Service Assn. – Traffic Flagger
Louisiana Boater Education - Boating Safety Certificate
Norfolk Southern Roadway Worker Protection Contractor Safety Certificate

Other experience and qualifications relevant to the proposed Project:

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).

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)

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)

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)

BFM Corporation, LLC | 2008 to present
Delle Land Surveying | 2007 to 2008

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:

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.

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)

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)

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)

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)

BFM Corporation, LLC | 2009 to present
Fluor Corporation | 2007 to 2009
Geographic Computer Technologies, LLC | 2000 to 2007

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:

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.

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)

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)

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:

Kevin A. Roberts
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:

6 years (joined BFM in 2018);
39 years total (1985)

BFM Corporation, LLC | 2018 to present
J.V. Burkes and Associates | 2017 to 2018
Evans-Graves Engineers | 2003 to 2017
J. Ray McDermott | 2002 to 2003
MECO (Drafting Dept) | 2002 to 2003
Advanced Commercial Contracting (Drafting Dept) | 1999 to 2002
SOTEC (Drafting Dept) | 1999
UNO Purchasing & Physical Plant Depts. | 1985 to 1997

Education: Degree(s)/Year/Specialization:

A.D., 1999, Drafting & Design, Louisiana Technical College
Coursework, 1994-1997, Nunez Community College
Coursework, 1984-1988, Delgado Community College
Coursework, 1982-1983, University of New Orleans

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Kevin Roberts has direct drafting experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He joined BFM in 2018 and provides drafting services to the firm.

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)

Veterans Memorial Boulevard Route Topographic Survey, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the project, located along Veterans Memorial Boulevard (Williams Boulevard to Illinois Avenue). ($28,920 (fee); 2020)

TEC Professional Services Questionnaire

Other experience and qualifications: **Kevin A. Roberts (continued)**

Barataria Boulevard Right Turn Lane, Jefferson Parish, LA. BFM provided right-of-way acquisition surveying services for a right turn lane (northbound) from Barataria Boulevard to Wichers Drive. ($5,240 (fee); 2020)

Hollygrove Group E (RR065) Route Topographic Survey, Jefferson Parish, LA. BFM executed a Route Topographic Survey of Hollygrove Group E (RR065); this involved Forshey Street, Hollygrove Street, Hamilton Street, Edinburgh Street, and Mistletoe Street (a total of 4,950 linear feet). 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. ($34,650 (fee); 2020)

Latigue Road Extension – Supplemental Services, Jefferson Parish, LA. BFM had previously executed a Route Topographic Survey; this included all plan & profile surveying services for utilities, properties, elevations and items necessary to perform any and all engineering and construction work. This supplemental phase included updating all right-of-way (ROW) takings to show the R/W as depicted in plans provided by the engineer. ($5,920 (fee); 2019)

West Napoleon Avenue Extension (Highway Park Subdivision), Jefferson Parish, LA. 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. ($10,095 (fee); 2021)

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)

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)

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)

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)

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)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Will Farber, E.I.
Land Surveyor Apprentice/Drafting Services

Project Assignment:

Land Surveyor Apprentice/Drafting Services

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

2 years (joined BFM in 2022);
12 years total (2012)

BFM Corporation, LLC | 2022 to present
Statewide Land Surveying | 2022
AKS Engineering & Forestry | 2020 to 2022
Bridge Diagnostics Inc. | 2018 to 2020

Education: Degree(s)/Year/Specialization:

B.S., 2018, Civil Engineering (minor in Surveying), LSU

Active Registration: Year first registered/discipline:

2018, Engineer Intern (Louisiana, No. 33903)

Other experience and qualifications relevant to the proposed Project:

Will Farber, E.I., serves as a Land Surveyor Apprentice; his work with BFM includes survey field services and CADD drafting services (including Civil 3D). His experience also includes working with Leica Infinity, Carlson, InfraWorks, and ReCap, and has worked with Total Station for land surveying, bathometry, and photogrammetry. Will's past experience includes providing services as an NDE Field Engineer for numerous projects with several types of field inspection testing & monitoring methods; this included Photogrammetry, ultraseismic testing, ground penetrating radar (GPR), and infrared thermography, among others. This project work has included bridge dams, culverts, telecommunication structures, pavements, and other civil infrastructures.

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)

Latigue Road Extension – Supplemental Services, Jefferson Parish, LA. BFM had previously executed a Route Topographic Survey for the project site, which had included all plan & profile surveying services for utilities, properties, elevations and items necessary to perform any and all engineering and construction work. This supplemental phase included updating all right-of-way (ROW) takings to show the R/W as depicted in plans provided by the engineer. ($5,920 (fee); 2019)

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)

BFM Corporation, LLC | 1990 to present
Benson Mercedes Benz | 1989 to 1990
SECO Electric | 1987
Frishhertz Electric | 1986 to 1987
Plain Construction | 1985 to 1986

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

American Traffic Safety Service Assn. – Traffic Flagger
Basic OSHA Training Class Completion
Transportation Work Identification Card (TWIC)

Other experience and qualifications relevant to the proposed Project:

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).

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)

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

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

Other experience and qualifications: **Will Farber, E.I. (continued)**

Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA. BFM prepared a Route Topographic Survey 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. The project area included the Destrehan ramp intersection, Chadwood Drive to Destrehan Avenue, and from the Destrehan ramp to Patriot Street. Surveying services further included the intersection of Destrehan Avenue to all side streets within the project area. ($86,355 (fee); 2019)

St. Bernard Avenue, New Orleans, LA. BFM executed a Route Topographic Survey 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. ($6,450 (fee); 2019)

E. Minnesota Park Road Roundabout Project, Hammond, Tangipahoa Parish, LA. BFM is providing comprehensive surveying services to prepare a Louisiana DOTD Compliant Route Topographic & Right-of-Way Survey for the E. Minnesota Park Road Roundabout Project. This included topographic and boundary surveying with right-of-way maps and GPS surveying services. The scope of work for the Topographic and Boundary Survey included GPS control; and submitted OPUS solutions with sketch to LADOTD for approval. The scope of work for the Survey Line phase included traversing the proposed survey line and processing/submitting (along with Closure Data) to LADOTD for approval. The full topographic and boundary survey element included establishing Temporary Benchmarks (TBMs) along the project survey line; property corners were located along the route to verify the rights-of-way and individual property ownership. Existing improvements, natural and man-made, were located. The next element will involve Right-of-Way maps; the survey work will involve setting property corners at the corners of the acquired property. ($63,210 (fee); ongoing)

US 190 - Judge Tanner Boulevard Roundabout, St. Tammany Parish, LA. BFM Corporation was selected by St. Tammany Parish to provide a range of professional surveying services for their US 190 - Judge Tanner Boulevard Roundabout project. The project area was the subject of a previous Stage 0 evaluation of a roundabout at this location; while awaiting approval from Louisiana DOTD the Parish wished to proceed with surveying services required for the design of construction documents. BFM provided a GPS Control & Survey Baseline, Topographic and Boundary Surveying services (including Temporary Benchmarks), location of improvements & natural elements and utilities. BFM also provided extensive research services into Parish records and utility records. In Phase 2 of the project, BFM provided Right-of-Way Maps & Acquisition Surveying services. ($66,500 (fee); 2023)

Carey Street Pavement Rehabilitation Project (Concrete Panel Joint Survey), City of Slidell, LA. BFM Corporation provided a Concrete Panel Joint Survey for the project in Slidell, LA. All concrete panel joints within the limits of survey were located. A baseline was established along the route (approximate length; 3,600 lf). Locations and elevations were obtained using GPS RTK in areas that allow; in other areas, this data was collected with a Robotic Total Station. BFM also located the back of curb (or edge of pavement) along the route. Project deliverables included a detailed indelible print, a high-resolution PDF, and AutoCAD drawing files in DWG format. ($9,590 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney II
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:

10 years (joined BFM in 2014);
23 years total (2001)

BFM Corporation, LLC | 2014 to present
Seatech Industries | 2010 to 2012
Richmond W. Krebs & Associates, LLC | 2008 to 2010
Krebbs, LaSalle, LeMieux Consultants Inc. | 2003 to 2008

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

American Traffic Safety Service Assn. – Traffic Flagger
Basic OSHA Training Class Completion
Norfolk Southern Roadway Worker Protection Contractor Safety Certificate
Transportation Work Identification Card (TWIC)

Other experience and qualifications relevant to the proposed Project:

Eric Gladney's surveying experience includes topographic, boundary, and hydrographic surveying throughout the region. He has been a Survey Crew Chief on many hundreds of projects. He has had ATSSA certification, completed Basic OSHA Training Class, is Transportation Work Identification Card (TWIC) certified, and completed Norfolk Southern Roadway Worker Protection Contractor Safety Certification.

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)

TEC Professional Services Questionnaire

Other experience and qualifications: **Eric Gladney, II (continued)**

Waterline Improvements on North 1-10 Service Road, South I-10 Service Road, Walbash Street, and Hearst Street, JPPW Project No. 2023-010B-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 8,100 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. ($88,400 (fee); 2023)

Route Topographic Survey for Jefferson Parish Waterline Project 2023-030-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 4,600 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. ($59,300 (fee); 2023)

Route Topographic & Right-of-Way Survey for Sonia Place, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for the project which involved a total of approximately 1400 LF. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. ($15,120 (fee); 2023)

Waterline Improvements, Metairie Terrace Neighborhood South, JPPW Project No. 2023-040-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the Jefferson Parish Waterline Project 2023-016A-WRB, which involves a total of approximately 9,100 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. ($88,400 (fee); 2023)

Route Topographic Survey for Jefferson Parish Waterline Project 2023-010A-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 7,000 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. ($78,100 (fee); 2023)

US 190 - Judge Tanner Boulevard Roundabout, St. Tammany Parish, LA. BFM Corporation was selected by St. Tammany Parish to provide a range of professional surveying services for their US 190 - Judge Tanner Boulevard Roundabout project. The project area was the subject of a previous Stage 0 evaluation of a roundabout at this location; while awaiting approval from Louisiana DOTD the Parish wished to proceed with surveying services required for the design of construction documents. BFM provided a GPS Control & Survey Baseline, Topographic and Boundary Surveying services (including Temporary Benchmarks), location of improvements & natural elements and utilities. BFM also provided extensive research services into Parish records and utility records. In Phase 2 of the project, BFM provided Right-of-Way Maps & Acquisition Surveying services. ($66,500 (fee); 2023)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Zachary D. Pittman
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:

1 year (joined BFM in 2023);
27 years total (1997)

BFM Corporation, LLC | 2023 to present
Atwell Oil and Gas | 2020 to 2023
Universal Pegasus-Hill | 2017 to 2020
Altura Land Consultants (CO) | 2017 to 2017
NOLA Construction | 2016 to 2017
Gandolfo Kuhn | 2014 to 2016
Cavada Surveyors (CO) | 2013 to 2014
McClone Construction (CO) | 2013 to 2013
GEC Engineering (fm Krebs Lasalle Lemeiux Eng) | 2010 to 2013
Jerry Rugg PLS | 2007 to 2010
Mike Duty PLS | 2006 to 2007
Sage Alliance Co Engineers (AZ) | 2006 to 2006
Tommy Semmes Jr. Surveying | 2005 to 2005
Mike Duty PLS | 2004 to 2005
Cross Country Surveyors | 2002 to 2003
Falcon Surveying (CO) | 2002 to 2002
Charlie Peterson PLS (FL) | 2002 to 2002
Maroney Engineering | 2001 to 2002
Eastside Glass and Sealants (WA) | 2000 to 2000
Jerry Rugg PLS | 1999 to 2000
Mike Duty PLS | 1997 to 1999

Education: Degree(s)/Year/Specialization:

High School Diploma
Bachelor of Arts Coursework (2 years), University of Louisiana at Monroe

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Zachary Pittman has worked in the industry since 1997 and has vast experience in surveying services, including a multitude of project types and thousands of projects throughout the region, having served as both Survey Crew Chief and Instrumentman/Rodman. As a field layout engineer, he was in charge of layout and quality control for a large concrete construction company and

TEC Professional Services Questionnaire

Other experience and qualifications: **Zachary D. Pittman (continued)**

further served as a part-time foreman for oversight of foundation, wall, and caisson crews. Mr. Pittmans's project experience includes topographic and hydrographic surveying tasks, including ALTA, boundary, elevation certificates, land planning, lot stakeouts, construction layout, and civil engineering projects. Projects have included cell towers, large and small pipeline construction programs, a large light rail project, sports complex buildings, bridge layouts, gas compressor station as-built and natural gas projects, meter stations and main line replacements, and industrial/gas plants and mines.

Mr. Pittman has Multiple Operator Qualifications for all aspects of pipeline locating and surveying, and is experienced with all instrumentation and various other aspects of surveying involved. This includes Static and RTK GPS; Leica, TDS, Trimble, and Topcon operating systems; Robotic Total Station, and Leica, Trimble, and FARO scanning systems. He also is knowledgable with JSA, job task, and quality control documents as well as Bluebeam Construction Software, Trimble Business Center, Captivate, and CAD.

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)

Bonnabel Canal Right-Of-Way Survey, Jefferson Parish, LA. BFM was selected to provide Right-of-Way Surveying services for the project area along a portion of the Bonnabel Canal; the survey established the easterly & westerly right-of-way for Bonnabel Canal in relation to the properties along the east of the canal (Bonnabel Place Subdivision) and the westerly side of the canal (Beverly Garden Extension). Scope included providing an abstract to trace the chain of title (including any known or recorded servitudes), and locating property corners and the top of bank along the east and west of Bonnabel Canal to show it in relation to the rights-of-way/servitude. Project deliverables included a Signed & Sealed Survey Plat and high-resolution PDF. ($47,680 (fee); 2024)

Lift Stations F6-11 & G6-4, Jefferson Parish, LA. BFM provided Topographic & Right-of-Way Surveying; scope included establishing a baseline, taking spot elevations (25 ft intervals), location of existing improvements and natural elements as well as utilities (above- and below-ground) and piping (drainage, sewerage, and water structures). BFM also located property corners to establish the rights-of-way and property ownership for the two sites. Project deliverables included prints, high-resolution PDF, Three-Point Tie Worksheet, and AutoCAD drawing files. A Construction Benchmark Certificate was provided for each site. ($17,860 (fee); 2024)

FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA. BFM provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were $3,000. ($3,000 (fee); 2024)

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:**	
Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, Louisiana **Hardesty & Hanover** 3850 N Causeway Blvd Ste 1850 Metairie LA 70002 **Dr. Babak Naghavi, P.E.,** 504-962-9212 bnaghavi@hardestyhanover.com	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.	
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:**	
Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, Louisiana **Burk-Kleinpeter, Inc.** 4176 Canal Street New Orleans LA 70119 **Mark K. Roberts, P.E.,** 504-486-5901 mroberts@bkiusa.com	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.	
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. *BFM Corporation is not currently, nor has it previously been involved, in 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.

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:** August 26, 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: PLS.0004329
Expiration Date: 09/30/2026
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. Chad Mitchell Poche

License/Certificate Type - Number: PE.0027667
Expiration Date: 09/30/2026
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. Gary James Lambert Jr.

License/Certificate Type - Number: PLS.0005259
Expiration Date: 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: EI.0033903
Expiration Date: 03/31/2025
Status: Active

LOUISIANA ECONOMIC DEVELOPMENT

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

LOUISIANA ECONOMIC DEVELOPMENT

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**

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Hickory Avenue (LA 3154) Rehabilitation

(River Road to 10th Street)

SOQ **24-030** | Resolution No. **144734**

B. Firm Name & Address:

GULF SOUTH ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants

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:

7	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists		Structural Engineers
	Chemical Engineers	2	Geotechnical Engineers		Graduate Engineers
	Civil Engineers		Interior Designers	1	Project Managers
10	Construction Inspectors		Landscape Architects		Clerical (*see Administrative*)
	Ecologists		Land Surveyor (*Apprentice*)		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
	Engineer Intern		Environmental Engineers	1	*CMT Supervisor*
1	Professional Land Surveyors			1	*Construction Svcs Manager*
				4	*Laboratory Personnel*
				3	*Soil Boring Personnel*
				30	**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:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

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:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

2 years (joined Gulf South in 2022);
3 years total (2021)

Gulf South Engineering and Testing, Inc. | 2022 to present
TetraTech, Inc. | 2021 to 2022

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:

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.

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.

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)

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:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

13 years (joined Gulf South in 2011);
13 years total (2011)

Gulf South Engineering and Testing, Inc. | 2011 to present
Ardaman and Associates, Inc. | 2007 to 2011
Soil Testing Engineers, Inc. | 2006 to 2007

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:

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.

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

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:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

13 years (joined Gulf South in 2011);
35 years total (1989)

Gulf South Engineering and Testing, Inc. | 2011 to present
Ardaman and Associates, Inc. | 2007 to 2011
Soil Testing Engineers, Inc. | 1988 to 2007

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

ACI-I Field Technician (since 1991; No. 929012)
Certified Engineering Technician (since 1992)
Nuclear Gauge Safety Training (since1994; No. 061321)
Pile Driving Analyzer/CAPWAP, OSHA 40 HAZWOPER

Other experience and qualifications relevant to the proposed Project:

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.

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)

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:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

7 years (joined Gulf South in 2017);
7 years total (2017)

Gulf South Engineering and Testing, Inc. | 2017 to present

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:

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.

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)

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)

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:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

5 years (2012-2016; 2023 to present);
14 years total (2010)

Gulf South Engineering and Testing, Inc. | 2023 to present
Ascension Parish Sheriff's Office | 2016 to 2023
Gulf South Engineering and Testing, Inc. | 2012 to 2016
Ardaman and Associates, Inc. | 2010 to 2012

Education: Degree(s)/Year/Specialization:

High School Diploma

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:

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.

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)

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 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)

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

James Tiner, ACI
Laboratory Manager/Field Supervisor

Project Assignment:

Laboratory Manager/Field Supervisor

Name of Firm with which associated:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

11 years (2013 to present);
27 years total (1997)

Gulf South Engineering & Testing, Inc. | 2013 - present
Ardaman & Associates, Inc. | 2007 - 2013
Soil Testing Engineers, Inc. |1997 - 2007

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

American Concrete Institute (ACI) Grade 1 Certification

Other experience and qualifications relevant to the proposed Project:

James Tiner, ACI, has a quarter-century of experience in both field and laboratory testing & inspection. His field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, steel inspection, augercast pile inspection, vibration monitoring, drilled shaft inspection, static and dynamic pile load tests, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring.

In the laboratory, Mr. Tiner 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.

Metairie Lawn Drainage Improvements, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. ($5,000 (fee); ongoing)

East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. ($16,000 (fee); 2024)

TEC Professional Services Questionnaire

Other experience and qualifications: **James Tiner, ACI (continued)**

Westwego Pump Station #1, Jefferson Parish, LA. Gulf South performed field and laboratory testing during pump station #1 installation. Scope of services included field density tests, concrete testing and inspection, laboratory testing, and vibration monitoring. ($10,000 (fee); 2016)

Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. ($20,000 (fee); ongoing)

New Pump/Lift Station, Airline Park Boulevard at West Metairie Avenue, Jefferson Parish, LA. Geotechnical investigation for a new pump/lift station for Jefferson Parish near the intersection of Airline Park Blvd. and W. Metairie Avenue. Scope of work consisted of performing one soil boring to 50 feet, laboratory testing, and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction recommendations. ($5,000 (fee); 2013)

Wastewater Treatment Plant (WWTP) No. 3 Expansion, City of Kenner, LA. Geotechnical investigation for expansion of the City of Kenner's WWTP. Expansion consists of new clarifiers, buildings, above and below grade piping, and pump stations. Services consist of drilling 11 soil borings to depths of 20 to 110 feet below ground surface, laboratory testing, and geotechnical engineering analyses consisting of allowable soil bearing values, allowable pile load capacities, bedding and backfill recommendations, seismic classification, earth pressures, estimates of settlement, and general paving design recommendations. ($39,000 (fee); 2012)

Replacement of Sewer Pump Station (SPS) 8, Sewerage & Water Board of New Orleans, LA. This $15 million project consisted of the replacement of a sewer pump station for the Sewerage & Water Board of New Orleans. Gulf South provided field and laboratory inspection and testing of materials during construction (CMT). Our scope of services included performing: a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including field density tests, and steel inspection. ($103,411 (fee); 2019)

Bonanza Pump Station Flood Protection, Houma, Terrebonne Parish, LA. Geotechnical investigation for replacement of an existing bulkhead at Terrebonne Parish's Bonanza Pump Station in Houma, LA. Gulf South's scope of work included performing a soil boring to a depth of 80 feet, laboratory testing, and geotechnical engineering analyses consisting of bulkhead design parameters (tip depth, bending moment, anchor force, etc.), and general construction recommendations. ($4,500 (fee); 2013)

Bonanza Pump Station Flood Protection, Houma, Terrebonne Parish, LA. Geotechnical investigation for replacement of an existing bulkhead at Terrebonne Parish's Bonanza Pump Station in Houma, LA. Gulf South's scope of work included performing a soil boring to a depth of 80 feet, laboratory testing, and geotechnical engineering analyses consisting of bulkhead design parameters (tip depth, bending moment, anchor force, etc.), and general construction recommendations. ($4,500 (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 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:	**Work for which Firm was Responsible:**
June 2022	N/A	$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:	**Work for which Firm was Responsible:**
January 2021	N/A	$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:**	
Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, Louisiana **Hatch Mott MacDonald** 650 Poydras Street, Suite 2025 New Orleans LA 70130 **Many Heymann, P.E.,** 504-799-0437 many.heymann@hatchmott.com	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.	
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:**	
Green Acres Road – New Street Lighting, Metairie, Jefferson Parish, Louisiana **Pivotal Engineering, LLC** 1515 Poydras St Ste 1875 New Orleans LA 70112 **Yoseph Shifare, P.E., PTOE, PMP** 504-799-3653 yshifare@pivotaleng.com	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.	
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.	*Gulf South Enginering and Testing, Inc. is not currently, nor has it previously been involved, in 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.

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

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 projessional 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:** August 26, 2024

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

Name:	Public Address:
Gulf South Engineering and Testing, Inc.	Mr. Chad Poche, PE 15 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	Expiration Date
PE.0027667	09/30/2026

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. Ralph P. Fontcuberta Jr.

License/Certificate Type - Number	Expiration Date
PLS.0004329	09/30/2026

Status: Active

LED LOUISIANA ECONOMIC DEVELOPMENT

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

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

LABORATORY VALIDATION

Trey Binder
(504) 305-4401

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

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

OUR PUBLIC WEBSITE: **https://mtc.erdc.dren.mil**

Chad A. Gartrell, PE, Director

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 µm (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

AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials
AASHTO

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

Avetta | **Diversity Champion** Award 2023

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Gulf South Engineering and Testing, Inc.

8/15/2023
DATE

SIGNATURE

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

5. URBAN SYSTEMS, INC.

Subconsultant: Traffic Engineering

- **TEC Professional Services Questionnaire**

A. Project Name and Advertisement Resolution Number:

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

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
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
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958

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

2 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	1 Graduate Engineers
5* Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	5 Other
1 Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		**10 TOTAL**

*Also function as Transportation Engineers
2 Civil Engineers have active Professional Transportation Operations Engineers Certifications (PTOE)
1 Civil Engineers have active Road Safety Professional Certifications (RSP_{2i}) and has 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 <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 & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Urban Systems, Inc. 2000 Tulane Ave. Suite 200 New Orleans, LA 70112	Traffic Engineering	Yes
2.		
3.		

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

5

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 ifnecessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

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

Project Assignment:

Principal In Charge of Transportation Engineering

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 supervised traffic studies for a multitude of complete streets projects with a focus on improving pedestrian safety. She has designed pedestrian signals for almost every circumstance that has included fixed time coordinated systems in a downtown environment with pedestrian only phases, actuated pedestrian signals with and without pedestrian refuges and mid-block hybrid beacons. Ms. Michel's designs of pedestrian signals have been focused on identifying phasing sequences to encourage pedestrian compliance which is a key factor that affects safety. 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:

EXPERIENCE:

Westbank Expressway at Whitney Ave Signal Modifications Jefferson Parish, LA Oct 2020 – Oct 2021
Ms. Michel oversaw the design of signal modifications at the intersection of Westbank Expy and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The design included audible push button activation for a pedestrian phase to run concurrently with the existing phasing. This required calculating pedestrian clearance times and developing timing plans conducive to pedestrian compliance. Ms. Michel also performed QA/QC to ensure the design met DOTD standards.

Manhattan Signal Controller Upgrades, Jefferson Parish, LA, 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.

Jefferson Parish Traffic Engineering Services on an As-Needed Basis July 2008-Oct 2014
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.

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.

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 eighteen (18) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment. This includes closing downtown streets with bike lanes and sidewalks, suburban road closures on multilane highways, and rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term. Ms. Stewart has designed numerous traffic signals with and without pedestrian accommodations. She has conducted safety studies for public and private clients to improve pedestrian mobility and safety in areas with high volumes of pedestrian activity. Ms. Stewart has experience in signal design and timing of coordinated systems for LADOTD. She has experience using Highway Capacity Software (HCS), Synchro, and SIDRA.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Other experience and qualifications relevant to the proposed Project:

EXPERIENCE:

Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA, Mar 2018 – Aug 2019
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.

MacArthur Interchange Completion Phase II TMP, Jefferson Parish, LA, Nov 2012 - Current
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.

Florida Boulevard, East Baton Rouge Parish, LA , Feb 2021- ongoing
Ms. Stewart oversaw the traffic study to identify improvements for pedestrian access along US 190 (Florida Blvd) from N. 22nd St to 1,140 feet east of N. Beck Street. Ms. Stewart conducted site observations and geometric field checks to document existing conditions to identify concerns that affect pedestrians and cyclists. Ms. Stewart conducted QA/QC of the safety study that involved the review of more than 150 crash reports. Ms. Stewart assisted with identifying potential alternatives to improve pedestrian and bike accommodation along the US 190 corridor. The traffic Study was approved, and design of the signalization is the next task.

Clearview Parkway at West Esplanade, Jefferson Parish, LA, May 2006 – Nov 2010
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.

Carrollton Intersection - Carrollton and Palmetto/Washington Streetscape, New Orleans, LA, Nov 2008- Nov 2012
Ms. Stewart was the lead engineer on the Carrollton and Palmetto/Washington Streetscape Project for the City of New Orleans was For this project, corridor enhancements were designed including pedestrian surface walkway improvements; bikeways; traffic and pedestrian signalization; vehicular and pedestrian signage; landscaping, lighting, public art, pocket park improvements; minor improvements to curb and gutter, sidewalks, and street surface; minor drainage modifications and improvements; ADA compliant ramps and bus stop relocations. The project entailed Schematic Design, Topographical Survey, Environmental Study, Preliminary and Final Designs, Construction Management, and Community Meetings. Ms. Stewart managed the staff that conducted the analysis and performed QA/QC.

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 experience in Transportation/Civil Engineering including maintenance of traffic, roadway design plans and specifications, construction management and quality control. 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 has prepared traffic signal design plans in LADOTD format. She has been involved in timing/phasing analysis, Data Collection, Safety studies, Crash Data Analysis, and Bike/ Pedestrian accommodations. Her many years and wide variety of experiences are valuable during studies, design development and QA/QC.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Other experience and qualifications relevant to the proposed Project:

EXPERIENCE:

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.

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.

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. She will collaborate with Jefferson Parish and LADOTD to prepare and finalize a report of findings and identify recommended signal phasing and timing adjustments.

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 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 constriction operations, invoice reviews, preparation of field changes, plan changes for scope modifications, and close out documents.

City Park Parking Lot Improvements , New Orleans , LA , June 2014 – Jan 2017
Ms. Darrah lent her expertise to design roadway and parking lot improvements in City Park, New Orleans, LA. Ms. Darrah provided QA-QC of the construction drawings and specifications to ensure accordance with all MUTCD, ADA, and New Orleans DPW requirements. Permeable asphalt pavement was used in the parking lot to incorporate green infrastructure in the project. The work consisted of geometric layout, grading, drainage, utility adjustments, striping and signage. Ms. Darrah also conducted construction administration services to ensure compliance with City of New Orleans DPW standards.

MSY Entrance Road Capacity, North Terminal Louis Armstrong New Orleans International Airport, Jefferson Parish, LA June 2021- Oct 2021
Ms. Darrah prepared temporary and permanent striping and signage plans for the widening of the Southbound Airport Access Roadway, realignment of TNC Road, and widening of Northbound Airport Access Rd. As part of this project, she performed a comprehensive review of the adjacent Airport Access Rd Improvements included in the I-10/Loyola Interchange Improvement project. The proposed improvements required the temporary closure of one lane of the airport roundabout, roundabout slip lane and right lane of Northbound Airport Access Rd.

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 ifnecessary.

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:

BS / 2011 / Civil Engineering

Active registration: Year first registered/discipline:

2024 / Louisiana / #49152

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 project management, and providing technical, analytical, reporting, and coordination support on a variety of transportation projects. This has included traffic operations, transportation planning, safety assessments for bicycle and pedestrian enhancements, and design studies. He is proficient in Synchro, HCS and TruTraffic Software and completed the LADOTD TEPR certification modules.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Other experience and qualifications relevant to the proposed Project:

EXPERIENCE:

Ochsner Traffic Impact Analysis , Jefferson Parish, LA, Feb 2022- June 2022
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.

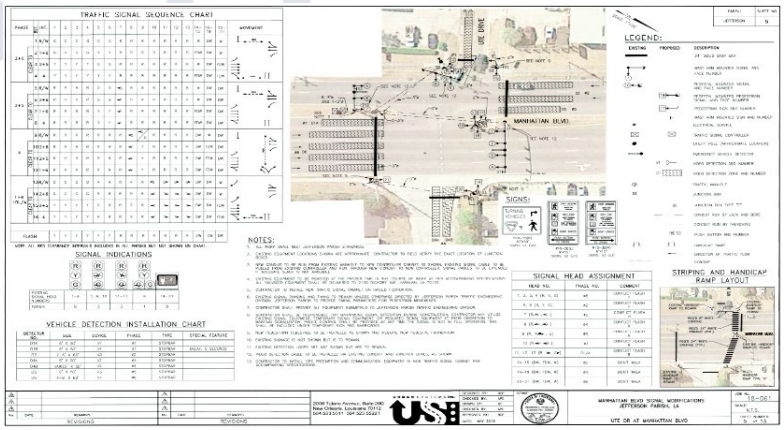
Jefferson Hwy @ Corporate Intersection Improvements , East Baton Rouge Parish , LA Nov 2021- ongoing
Mr. Madi conducted the traffic engineering for the Jefferson Highway at Corporate Boulevard Intersection Improvements project of extending existing turning lanes and adding more where necessary, to increase storage lengths and improve capacity. In addition to turning lane improvements, pedestrian facilities (sidewalks, crosswalks, etc.) and driveway access enhancements were considered to improve safety, pedestrian connectivity to transit facilities, and access management. Mr. Madi was responsible for leading the technical analysis and preparation of deliverables and is currently assisting with the traffic signal design.

Florida Blvd Segment 2 Enhancement (US 190: N22nd Street to N Beck Street)
East Baton Rouge Parish, LA, Oct 2021- ongoing
Mr. Madi assisted with a study for this portion of US 190 (Florida Blvd) that was identified as needing improved access for pedestrians and cyclists. Potential intersection and signal improvements, sidewalk connections, and transit stop improvements were considered. Mr. Madi organized the collection of peak periods turning movement counts and field observations. He obtained growth rate data and applied it to existing volumes to forecast No Build volumes. Mr. Madi developed a methodology to estimate the re-routing of traffic volumes based on the proposed improvements. He conducted No Build and Build analysis using HCS software and summarized the findings in a technical memorandum. Mr. Madi will assist with the signal design per East Baton Rouge Standards.

Dakin Street Improvements – Jefferson Hwy to Earhart Expressway At Grade Improvements Traffic Study , Jefferson Parish, LA , Oct 2021-ongoing
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.

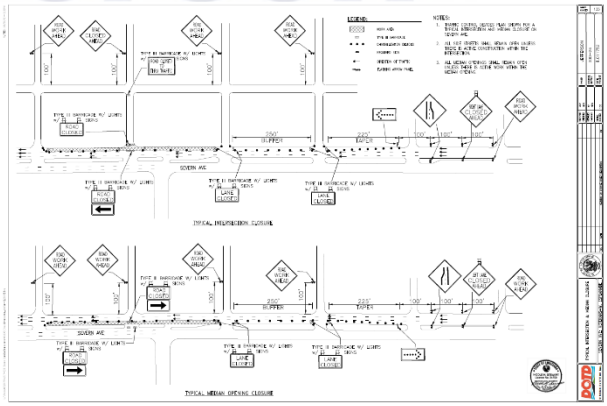
L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

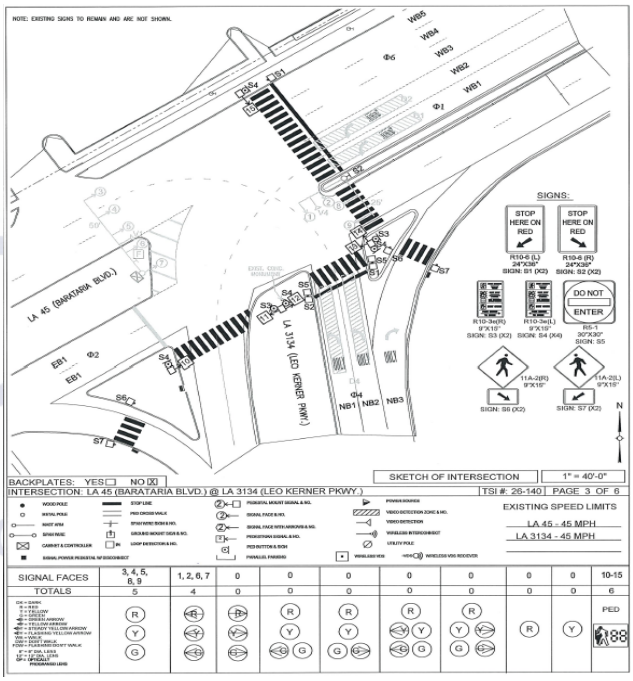
PROJECT NO. 1

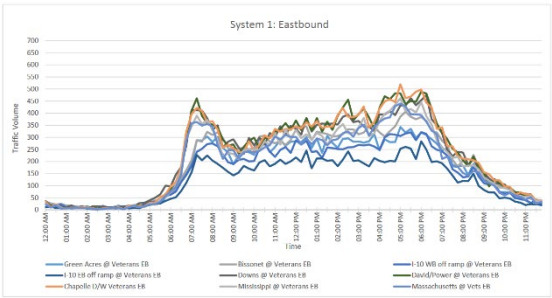
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Manhattan Blvd Signal Modifications Westbank Expressway to Lapalco Blvd **Jefferson Parish, LA** **LADOTD** **P.O. Box 95245** **Baton Rouge, LA 90804** **225.379.1471**	Urban Systems was tasked with designing traffic 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: • 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 The pedestrian accommodations were required for the intersections of Manhattan Blvd at UTE, Central and Lapalco. A cost estimate and bid tab form were prepared for each intersection for use in the bidding process. 

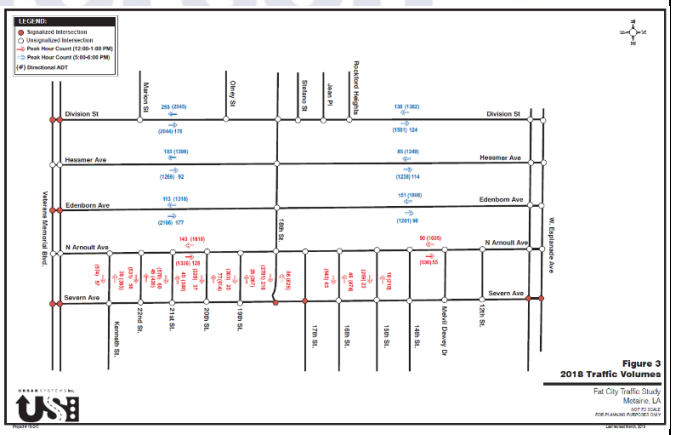
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
2019	**Unknown**	**$129.5K**

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Power Blvd at W. Esplanade Ave Improvements **Jefferson Parish, LA** **Jefferson Parish** **Chris Laborde** **New Orleans, LA 70130** **504.940.7219**	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. 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. 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. 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.  Figure 6 Long-Term Improvements W Esplanade Ave at Power Blvd Conceptual Layout Jefferson Parish, Louisiana Conceptual intersection layouts and construction cost estimates were developed for both short-term and long-term recommended improvements.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2019	**$40K**	**$40K**

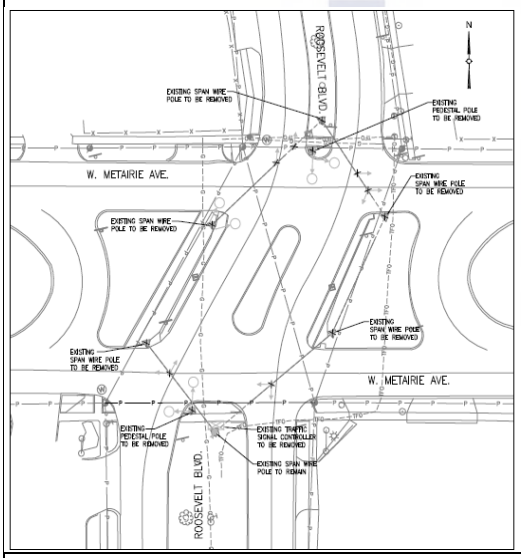
PROJECT NO. 3	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**
Severn Avenue Corridor Improvements **Jefferson Parish, LA** **Jefferson Parish** **200 Derbigny St, Suite 4400** **Gretna, LA 70053**	Urban Systems was tasked with designing traffic control devices 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. 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: • 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. 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 where 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. 
Completion Date (Actual orestimated)	**Estimated Cost:**
	Entire Project: / **Work for which Firm was Responsible:**
2019	**Task 1: 10k** / **$68K**

PROJECT NO. 4	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Jefferson Parish Traffic Engineering Retainer Contract **Task 1:Leo Kerner Bike Path Jefferson Parish, LA** **Jefferson Parish** **Mark Drewes** **504.736.6512**	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 *Traffic Engineering Manual*. 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. 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. 
Completion Date (Actual or estimated):	**Estimated Cost:**
	Entire Project: / **Work for which Firm was Responsible:**
2017	**Unknown** / **$10K**

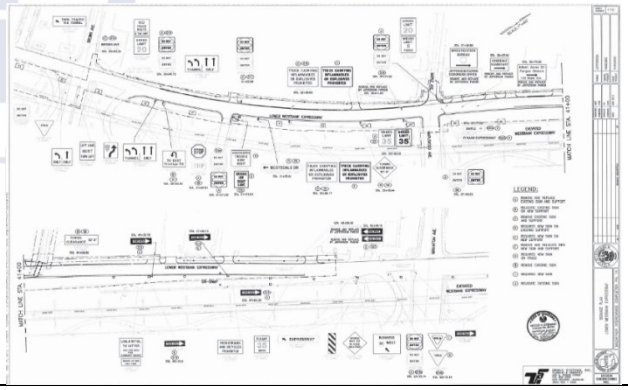
PROJECT NO. 5	
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Stage 0 Traffic Signal Timing and Coordination Study **Veterans Boulevard** **RPC Task# VetCor1** **Federal Project# H011849** **Jefferson Parish, LA** **Regional Planning Commission** **Jeff Roesel** **504.483.8500**	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. 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. <u>Tasks</u> Collected twenty-four (24) hour turning movement counts at all signalized intersections to determine the morning, midday, and afternoon peak hours. Performed travel time runs along Veterans Boulevard during the morning, midday, and afternoon peak hours. Performed capacity analysis using Synchro 8 software model with the existing traffic signal timings provided by Jefferson Parish and LADOTD. Determined improved yellow and all-red clearance intervals based on the updated ITE clearance interval guidelines. Determined optimal phasing and traffic signal timings, as well as possible construction recommendations to improve progression and reduce delay along the corridor. Conducted a benefit cost analysis of the recommended improvements to the corridor. Implemented the signal timing changes during season of peak traffic flow alongside LADOTD and Jefferson Parish, while making timing adjustments as needed. Conducted post implementation travel time runs to identify the improvements in progression along the corridor. Summarized findings and improvements were sited in a technical report submitted to RPC December of 2016. 
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:**
Fat City Improvements **Jefferson Parish, LA** **Jefferson Parish DPW** **Susan Treadway** **504-736-6530** **streadway@jeffparish.net**	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. Improvement strategies considered included, but were not limited to: •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 An evaluation of the existing conditions was performed which included roadway capacity analysis, field observations and an existing parking inventory. 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. 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. Vacant lots within the study area were identified for potential purchase and conversion to surface street public parking. Meetings with stakeholders including Jefferson Parish Traffic Engineering Division and the Jefferson Parish Councilperson were held to discuss potential options. The recommended one-way conversions are currently being analyzed to confirm feasibility and to identify required improvements/modifications to adjacent intersections. 
Completion Date (Actual or estimated):	**Estimated Cost:**
	Entire Project: / **Work for which Firm was Responsible:**
2020	**$68.4K** / **$68.4K**

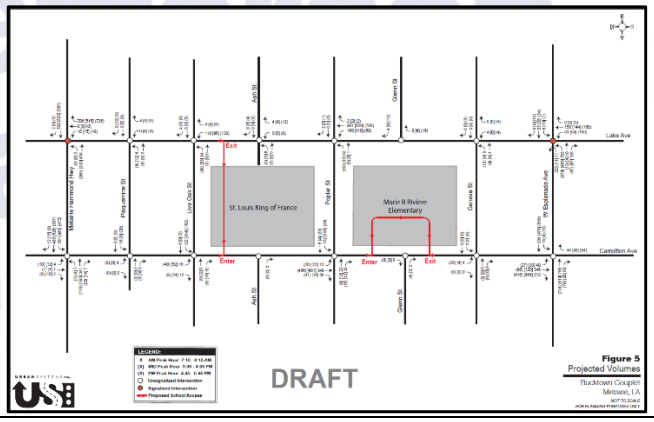
PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Congestion Management: Traffic Signal Improvements **SP No. H.972035.1** **RPC Task C-414, FY-14 UPWP** **Kenner, Jefferson Parish, LA** **Regional Planning Commission** **Jeff Roesel** **504.483.8500**  	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. **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. **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. **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.

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:**		
MacArthur Drive **Interchange Completion Phase 1** **Harvey, Jefferson Parish, Louisiana** **Jefferson Parish** **1221 Elmwood Blvd.** **Suite 1002** **Jefferson, Louisiana 70123** **504.736.6607**	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. 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. 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. Urban Systems, Inc. also prepared the plans for the permanent traffic signals at Brown Avenue and Maple Avenue intersections with the Lower Westbank Expressway. 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. 		
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:**		
Traffic Engineering As-Needed Retainer Contract **Department of Public Works** **Jefferson Parish** **Jefferson Parish, Louisiana** **Jefferson Parish** **Department of Public Works** **504-736-6403**	**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. • Identified the bike path. This required the following tasks: ◦ Conducted field investigations to identify alternate routes ◦ Prepared maps to indicate alternate routes ◦ Prepared pro/con lists for alternate route s◦ 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: ◦ 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. **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: ◦ 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 orestimated):	**Estimated Cost:**		
	Entire Project:	**Work for which Firm was Responsible:**	
2009 **2009**	**$25K** **$9.5K**	**$25K** **$9.5K**	

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 and Biloxi, Mississippi. 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 Louisiana, Jefferson Parish and other local governments in their initiatives to improve safety and mobility. USI strives to apply their knowledge, experience, insight, and energy to maintain and/or improve quality of life in the communities we serve. 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	Connor M. Crow	E.I	<1
CAD Designer	Kim T. Pham		36

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.

CYCLING AND PEDESTRIAN

Cycling and Pedestrian usage of the roadway system is increasing with the growing awareness of the need and desire for alternate transportation methods, as well as for recreational use. Urban Systems has been dealing with the needs of these alternate modes of transportation for over many years. It is especially necessary to prepare travel lanes for cyclists. Our experience ranges from pedestrian safety analysis at specific locations and/or intersections, development of pedestrian/bicycle multi-use paths, to development of planning manuals to assist jurisdictions in developing pedestrian projects. Our experience in traffic calming projects also compliments the development of pedestrian and bicyclist safety related projects.

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 the various 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. These types of projects include:

- 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/TranspEngr **Date:** 8.29.24

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

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations & under the State of Louisiana United Certification Program (LAUCP)

Urban System Associates, Inc.

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC541330, NC541340, NC541990

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: February 2024 to February 2025

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

WBENC
WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: May 22, 2020
Expiration Date: May 31, 2025
WBENC National Certification Number: WBE2001268

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council - South, a WBENC Regional Partner Organization.

Authorized by Phala Mire, President Women's Business Enterprise Council - South

WBECSOUTH
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

NAICS: 541330, 541340
UNSPSC: 70131701, 80101605, 81100000, 81101500, 81101502, 81101510, 81101524, 81102200, 81102201

Center for Women & Enterprise · Great Lakes Women's Business Council · Greater Women's Business Council · Women's Business Council Southwest · WBECMETRONY · WBECGREATERDMV · WBEA · WBECEAST · WBECORV · WBECPACIFIC · WBDC · WBECWEST · WBECFLORIDA

WBENC
WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

Majority Female Owner: ALISON MICHEL
NAICS: 541330, 541340 UNSPSC: 70131701, 80101605, 81100000, 81101500, 81101502, 81101510, 81101524, 81102200, 81102201
Certification Number: WOSB200724
Renewal Date: May 31, 2025
WOSB Regulation Expiration Date: 5/31/2027

WBECSOUTH
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

Phala Mire, Women's Business Enterprise Council - South President

Pamela Prince-Easton, WBENC President & CEO

LaKesha White, Sr. Vice President, Certification

LOUISIANA ECONOMIC DEVELOPMENT

DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Urban Systems Associates, Inc.
DBA: Urban Systems, Inc.

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

This certification is valid from 5/14/2024 to 5/14/2025 .

Certification No. 19041

Stephanie Hartman,
Director, Entrepreneurial Services

6. IMC CONSULTING ENGINEERS, INC.

Subconsultant: Electrical Engineering / Street Lighting

- **TEC Professional Services Questionnaire**

IMC
CONSULTING ENGINEERS
INC.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-030 Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street) Professional Engineering Services Related to the Design and Construction

B. Firm Name & Address:

IMC Consulting Engineers, Inc.
2714 Independence Street
Metairie, LA 70006

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:

Paul S. Vlosich, P.E.
Principal and Director of Municipal Projects
(504) 831-9119
pvlosich@imcconsultingeingeers.com
Licensed Professional Engineer, License No. 31006

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.

Paul S. Vlosich, P.E.
Principal and Director of Municipal Projects
(504) 831-9119
pvlosich@imcconsultingeingeers.com
Licensed Professional Engineer, License No. 31006

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

2 Administrative	___ Estimators	* Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	5 Graduate Engineers
___ Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
2 Electrical Engineers	4 Mechanical Engineers	___ Sanitary Engineers
1 Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors	4 CAD Technicians	18 **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.

N/A

2.

N/A

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. N/A		
2.		
3.		

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

12

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Paul S. Vlosich, P.E.
Principal and Director of Municipal Projects

Project Assignment:

Electrical Engineer / Project Manager for MEP

Name of Firm with which associated:

IMC Consulting Engineers, Inc.
2714 Independence Street
Metairie, LA 70006

Years' experience with this Firm:

23

Education: Degree(s)/Year/Specialization:

Bachelor of Science
1994 (University of New Orleans)
Electrical Engineering

Active registration: Year first registered/discipline:

2004 / Louisiana #31006 / Electrical Engineering

Other experience and qualifications relevant to the proposed Project:

Paul serves as IMC's Director of Municipal Projects and oversees all aspects of IMC's municipal business sector including client relations, business development, resource management, contract negotiation, contract execution, production, and quality control.

Please see attached resume for additional experience and qualifications.

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 (LAPELS) has the following information on file:

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

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LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
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 LAPELS 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 LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, 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 LAPELS.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Richard Nichols, P.E. Principal and Electrical Department Head
Project Assignment:
Quality Assurance / Electrical Engineer
Name of Firm with which associated:
IMC Consulting Engineers, Inc.
Years' experience with this Firm:
31
Education: Degree(s)/Year/Specialization:
Bachelor of Science 1989 (Louisiana State University) Electrical Engineering
Active registration: Year first registered/discipline:
1994 / Louisiana #25896 / Electrical Engineering
Other experience and qualifications relevant to the proposed Project:
Having joined IMC in 1993, Richard is one of IMC's most experienced electrical engineers. His expertise includes design of lighting, power, and special systems, as well as project managment. He has managed electrical design projects in commercial, municipal, and industrial markets. He has also provided the design for lighting, power, and control systems for multiple roadways and highways. As Principal and Electrical Department Head, his primary responsibilities include the design of commercial and institutional electrical systems, quality control, and business development. Please see attached resume for additional experience and qualifications.

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

Cut Here

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: PE.0025896

Expiration Date: 09/30/2024

Status: Active

Fold Here

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 LAPELS 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 LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, 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 LAPELS.

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:	
Veterans Boulevard Decorative Lighting (Causeway Blvd. to Bonnabel Canal) Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121 (504) 736-6783	Design included replacement of the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from Causeway Boulevard 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 undergournd to handholes mounted next to each pole.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022	$718,000	$511,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
David Corridor Improvements Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121	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.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	Unknown	$750,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Severn Avenue Improvements: Veterans to West Esplanade Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121	Designed decorative roadway and pedestrian lighting for Severn Avenue as part of a restoration project. Design included preparation of lighting calculations for review by Jefferson Parish and coordination with Entergy to maintain clearances below existing transmission lines.	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2020	$12,000,000	$1,500,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Causeway Boulevard Decorative Lighting (Foot of Airline Overpass to West Napoleon) Jefferson Parish Engineering Dept. 1221 Elmwood Boulevard Jefferson, LA 70121	Design included replacement of 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 service location was established to power the new poles. All new lighting circuits were routed underground to handholes mounted next to each pole.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
In Design	Unknown	$1,000,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Veterans Boulevard Decorative Lighting (Bonnabel Canal to Orleans Parish Line) Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121	IMC served as Prime on this project. Design included replacement of 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. The existing overhead exposed aerial cables were removed. The fixtures were energy efficient LED fixtures that provided better lighting at about 50% of the existing fixture wattage.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	$1,169,000	$939,500

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Loyola Westbound Off-Ramp City of Kenner Tom Schreiner 1610 Reverend Richard Wilson Dr. Kenner, LA 70062	This project entailed the addition of an off ramp lane which caused the relocation of existing light poles. Additional poles were added to meet the required lighting levels. New lighting circuitry was provided from the existing lighting controller to all light poles. New fusing was also provided in each light pole base.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018	Unknown	$126,940

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Orleans Parish Levee District - Lakefront Seawall Erosion Protection Orleans Levee District Ryan Foster 6710 Elysian Fields Avenue New Orleans, Louisiana 70123	Project purpose was to pave the public Plaza area between Lakeshore Dr. and Lake Pontchartrain to mitigate erosion. The Plaza area is used by, and accessible to, the public day and night. Project scope included replacement of area lighting standards along the seawall, utility (street lighting) relocations, warning beacon additions and relocations, and maintaining continuity to existing street lighting and warning beacons along Lakeshore Drive to remain. IMC was responsible for the design of the entire electrical system, including new electrical services. IMC provided all photometric calculations required for locating the area lighting standards. The design also provide for future lighting at planters located throughout the Plaza area.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018	$40,000,000	$8,000,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Orleans Parish Levee District – Lakeshore Drive Decorative Lighting – Lake Marina Dr. to Shelter No. 1 Orleans Levee District Ryan Foster 6710 Elysian Fields Avenue New Orleans, Louisiana 70123	Designed and administered 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.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2020	$1,100,000	$1,100,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
LADOTD – Wisner Bridge Replacement DOTD-New Orleans Department of Public Works Michael Armentor 225-379-1088	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.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2017	$1,950,000	$330,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Fourth Street Extension-Street Lighting LADOTD Danny Lasyone 1201 Capitol Access Road 4th Floor Baton Rouge, Louisiana 70802 504-363-1579	This project involved the extension of Fourth Street in Gretna from Richard to Burmaster. IMC provided the lighting design for the new roadway extension. This included the design of two new service and lighting controller locations, lighting circuitry, and lighting calculation and submission to LA DODT.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2017	Unknown	$6,152,500

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 ongoing 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 subconsultant.

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 **Date:** 8-27-2024

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