

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



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STATEMENT OF QUALIFICATIONS

Sala Avenue Historic District Drainage Feasibility Analysis and Improvements Resolution No. 145576; SOQ 25-005



Presented to:
Jefferson Parish
January 23, 2025

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A. N-Y TEAM INTRODUCTION

- Cover Letter
- N-Y Team Organization Chart



Reply to Metairie Office

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

January 23, 2025

Jefferson Parish Council
c/o Shanna Folse, Purchasing Specialist III
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053

Re: Provide Professional Engineering Services for the Sala Avenue Historic District Drainage Feasibility Analysis and Improvements Project; Resolution No. 145576

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide professional engineering services for Sala Avenue Historic District Drainage Feasibility Analysis and Improvements in Jefferson Parish.

➤ **Background:**

N-Y is a fifty-six (56) 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 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 School Board, the Jefferson Parish Sheriff's Office, 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**

Mr. Constantine F. Nicoladis, PE, Senior Vice President and Civil & Hydraulic Engineer, will serve as Project Manager. He has 38 years of experience and is in responsible charge of the design and construction engineering of the firm's Parish and municipal drainage work. Mr. Nicoladis has extensive experience with major subsurface drainage improvements, drainage canals, box culverts, utilities relocation and roadway reconstruction in Jefferson and Orleans Parishes, with construction values from under \$5 million to over \$50 million.

Mr. Nicoladis will be supported by a team of senior engineers and engineering technicians with over twenty (20) years average experience including James E. Simmons, PE; Fred Mortali, PE; William Haensel, PE, PLS; Neil Logan, PE; Steven Fall, PE; Bruce J. Richards, AICP, PTP, GIP; Patricia Claverie, EI, MS; Dennis Voss, NICET; and Noah Jackson, CADD. Many of these professionals have been with N-Y over twenty (20) years.



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.

- Dana Brown & Associates, Inc., *a Woman-Owned Disadvantaged Business Enterprise (DBE)*, will provide Landscape Architecture and Green Infrastructure design and *has extensive experience in Jefferson Parish including being currently under contract with the City of Westwego for green infrastructure stormwater management.*
- BFM Corporation, LLC will provide all required topographic surveying.
- Gulf South Engineering and Testing, Inc. will provide all required geotechnical engineering.

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

➤ **Conclusion**

Should we be selected for a project, **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 this project. We look forward to a favorable review of our qualifications.

Sincerely,
N-Y ASSOCIATES, INC.

Michael F. Nicoladis
President

N-Y TEAM ORGANIZATION CHART



Provide Professional Engineering Services for
the Sala Avenue Historic District Drainage
Feasibility Analysis and Improvements Project
Resolution No. 145573

Senior Principal / Project Oversight

N-Y Associates, Inc.

Frank Nicoladis, PE

Project Management

N-Y Associates, Inc.

Constantine Nicoladis, PE, Project Manager

Michael Nicoladis, EI, MBA, Subconsultant and Contract Manager

Hydraulic Analysis / H&H Modeling

N-Y Associates, Inc.

Fred Mortali, PE

Patricia Claverie, EI, MS

Topographic Surveying

BFM Corporation, LLC

Ralph Fontcuberta, Jr., PLS

Gary Lambert, PLS

John Thayer, Field Operations

Chris Lemley, Crew Chief

SBE

Geotechnical Engineering

Gulf South Engineering and Testing, Inc.

Chad Poche, PE

Bryson S. Beard, EI

Joseph Binder, III

Eric A. Paille, CET, ACI

SBE

Civil Engineering (drainage)

N-Y Associates, Inc.

Constantine Nicoladis, PE

James Simmons, PE

Fred Mortali, PE

William Haensel, PE, PLS

Neil Logan, PE

Dennis Voss, NICET

Resident Inspection

N-Y Associates, Inc.

Johnny Thompson, QAR

Stanley Mitchell, QAR

Green Infrastructure

N-Y Associates, Inc.

Bruce Richards, AICP, PTP, GIP

Dana Brown & Associates, Inc.

Dana Brown, FASLA, PLA, AICP, GIP

Danielle Duhe, PLA, ASLA, APA

Ry'yan Clark, ASLA, PLA

WBE

SBE

Landscape Architecture

Dana Brown & Associates, Inc.

Dana Brown, FASLA, PLA, AICP, GIP

Danielle Duhe, PLA, ASLA, APA

Ry'yan Clark, ASLA, PLA

WBE

SBE



B. N-Y ASSOCIATES, INC.

Prime Consultant

- **TEC Professional Services Questionnaire**

TEC PROFESSIONAL SERVICES QUESTIONNAIRE




A.	Project Name and Advertisement Resolution Number: Provide Professional Engineering Services for the Sala Avenue Historic District Drainage Feasibility Analysis and Improvements Project; Resolution No. 145576																																																																						
B.	Firm Name & Address: N-Y Associates, Inc. 2750 Lake Villa Drive Metairie, LA 70002																																																																						
C.	Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Frank Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 fnicoladis@n-yassociates.com </td> <td style="width: 50%; vertical-align: top;"> Constantine F. Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 cnicoladis@n-yassociates.com </td> </tr> </table>					Frank Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 fnicoladis@n-yassociates.com	Constantine F. Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 cnicoladis@n-yassociates.com																																																																
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D.	Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline. Constantine F. Nicoladis, PE TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 cnicoladis@n-yassociates.com																																																																						
E.	Please provide the number of employees whose primary function corresponds with each category: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 10%; text-align: center;">2</td> <td style="width: 30%;">Administrative</td> <td style="width: 10%; text-align: center;">*</td> <td style="width: 30%;">Estimators</td> <td style="width: 10%; text-align: center;">**</td> <td style="width: 10%;">Specification Writers</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Architects (Licensed)</td> <td style="text-align: center;">--</td> <td>Geologists</td> <td style="text-align: center;">4</td> <td>Structural Engineers</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Chemical Engineers</td> <td style="text-align: center;">--</td> <td>Geotechnical Engineers</td> <td style="text-align: center;">--</td> <td>Graduate Engineers</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Civil Engineers</td> <td style="text-align: center;">--</td> <td>Interior Designers</td> <td style="text-align: center;">--</td> <td>Project Managers</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Construction Inspectors</td> <td style="text-align: center;">--</td> <td>Landscape Architects</td> <td style="text-align: center;">--</td> <td>Clerical</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Ecologists</td> <td style="text-align: center;">--</td> <td>Land Surveyor</td> <td style="text-align: center;">--</td> <td>Grant/Funding Specialist</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Electrical Engineers</td> <td style="text-align: center;">--</td> <td>Mechanical Engineers</td> <td style="text-align: center;">***</td> <td>Sanitary Engineers</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Engineer Intern (Civil)</td> <td style="text-align: center;">--</td> <td>Environmental Engineers</td> <td style="text-align: center;">****</td> <td>Transportation Engineers</td> </tr> <tr> <td style="text-align: center;">--</td> <td>Professional Land Surveyors</td> <td style="text-align: center;">1</td> <td>Planners Urban/Regional</td> <td style="text-align: center;">2</td> <td>CAD Operators</td> </tr> <tr> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;">1</td> <td>Eng. Technicians (Civil)</td> </tr> <tr> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;">24</td> <td>TOTAL</td> </tr> </table> <div style="margin-top: 10px;"> <p>* <i>N-Y senior technical personnel prepare estimates.</i></p> <p>** <i>N-Y senior technical personnel write specifications.</i></p> <p>*** <i>N-Y Sanitary Engineers are included in Civil Engineers.</i></p> <p>**** <i>N-Y Transportation Engineers are included in Civil and Structural Engineers</i></p> </div>					2	Administrative	*	Estimators	**	Specification Writers	4	Architects (Licensed)	--	Geologists	4	Structural Engineers	--	Chemical Engineers	--	Geotechnical Engineers	--	Graduate Engineers	5	Civil Engineers	--	Interior Designers	--	Project Managers	3	Construction Inspectors	--	Landscape Architects	--	Clerical	--	Ecologists	--	Land Surveyor	--	Grant/Funding Specialist	--	Electrical Engineers	--	Mechanical Engineers	***	Sanitary Engineers	2	Engineer Intern (Civil)	--	Environmental Engineers	****	Transportation Engineers	--	Professional Land Surveyors	1	Planners Urban/Regional	2	CAD Operators					1	Eng. Technicians (Civil)					24	TOTAL
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				24	TOTAL																																																																		
F.	Is this submittal by a JOINT-VENTURE? Please check: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If marked "No" skip to Section I. If marked "yes" complete Sections G-H.																																																																						

G.	If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary. N/A		
H.	Has this JOINT-VENTURE previously worked together? Please check: YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
I.	List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u> , applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
	Name and Address:	Specialty:	Worked with Firm Before (Yes or No):
1.	Dana Brown & Associates, Inc. 1836 Valence Street New Orleans, LA 70816	Landscape Architecture and Green Infrastructure Design	Yes
2.	BFM Corporation, LLC 15 Veterans Memorial Boulevard Kenner, LA 70062	Topographic Surveying	Yes
3.	Gulf South Engineering and Testing, Inc. 15 Veterans Memorial Boulevard Kenner, LA 70062	Geotechnical Engineering	Yes
4.			
J.	Please specify the total number of support personnel that may assist in the completion of this Project: _____ 15 _____		

- 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:	
Constantine F. Nicoladis, PE – Senior Vice President	
Project Assignment:	
Project Manager / Senior Civil and Hydraulic Engineer	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	

38 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

TX (92359)/2003/Civil Engineering

FL (052242)/1997/Civil Engineering

AL (22315)/1998/Civil Engineering

NY (094123)/2014/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Nicoladis has 37 years of experience, with particular emphasis on drainage systems (including subsurface drainage, canals and pumping stations), levees, floodwalls, flood control structures, water and sewage utilities, and street and roadway reconstruction projects. He has extensive experience working with public and private clients at the local, state and federal level.

Interior Drainage Experience:

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.

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

Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet 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 & 4000 CFS capacity.

Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: A Hydraulic Analysis and Preliminary & Final plans for 3 box culverts at I-10, measuring 11' x 20' each; 4 box culverts at Veterans Blvd., measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS & a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.

ARFF Perimeter Road, Stage 1 at Louis Armstrong New Orleans International Airport (Duncan Canal Box Culvert); Kenner, LA: 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.

Brewster Road/LA 1077 Detention Pond; St. Tammany Parish, LA: H&H Modeling utilizing SWMM & HEC-RAS and Design for a 10-acre detention pond including drainage improvements to facilitate connectivity to the pond and new subsurface drainage along Brewster Road.

1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements for this 12,500 acre area, utilizing HEC-RAS.

Tantella Ranch/McGee Road Drainage Report; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements for a 1,780 acre area on Tantella Ranch Road, utilizing SWMM.

Alton Area Drainage; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements to alleviate street and nuisance flooding in the Alton Subdivision, utilizing SWMM. Design for Phase I of the proposed drainage improvements.

Main Street Drainage Improvements; Plaquemines Parish, LA: New subsurface drainage improvements on Main Street and Avenue "D" including a new 50 CFS drainage pump station discharging to the Mississippi River.

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

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

Jones Creek Area Drainage Improvements; Franklinton, LA: Development of a HEC-RAS hydraulic computer model of the 213 acre Jones Creek Drainage Basin. Design for an earthen channel measuring 1500 LF and concrete flume sections measuring 3800 LF to improve flow capacities on Jones Creek and the Jones Creek Lateral.

Downtown Area Drainage Improvements; Franklinton, LA: Development of a HEC-RAS hydraulic computer model of a 26 acre area. Design for improvements to the area's subsurface drainage system, which included 30" to 60" diameter reinforced concrete pipe.

Master Drainage Plan for St. John the Baptist Parish, LA: As a major subconsultant to another firm, N-Y prepared a master drainage plan for the east and west banks of St. John the Baptist Parish (32 drainage basins; 125,000 acres total).

Flood Protection Experience:

New 1200 CFS Bayou Segnette Drainage Pumping Station for Jefferson Parish, LA: A new 1200 CFS pumping station with two, 600 CFS horizontal pumps driven by diesel engines through gear reducers.

Hoey's Basin Pump to the River Project; Jefferson Parish, LA: Engineering Feasibility, Hydraulic Modeling and Conceptual Cost Estimates evaluating a new drainage pump station in the 2,400 acre Jefferson Parish portion of the 10,000 acre Hoey's Drainage Basin. Alternatives included a 1600 CFS station (with a 13' diameter, 5400 LF discharge force main) expandable to 2400 CFS and a 1000 CFS station with a detention pond for interim stormwater storage.

Bayou Segnette Complex Flood Protection: 56' Wide Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA: Replacement of the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 with new protection designed to the USACE Case 1 - 100 year level of protection.

Fronting Protection for Estelle No. 1 (Old) and Estelle No. 2 (New) Pumping Stations; Jefferson Parish, LA: Preparation of the Design Report and Plans & Specifications to provide fronting protection across the entire width of the pumping station discharge areas. The designs consisted of a combination of gate and T-wall monoliths and include positive cutoff for backflow prevention using sluice gates at concrete discharge tubes and butterfly valves at steel discharge pipes.

750 CFS Interim Pump Facility at the East of Harvey Sector Gate Structure; Jefferson Parish, LA: Mr. Nicoladis provided civil engineering services for the Design and Engineering during Construction of a 750 CFS interim pump station facility with pumps and engines provided by the Government. The design included the support structure and lateral bracing for the temporary pumps to be located within the Sector Gate Structure East side gatebay recess, location and support for discharge piping and discharge pipes, diesel engine and fuel storage platform, fuel transfer systems, connecting hydraulic and water lines and their support structure, lighting, generator and all other mechanical and electrical components.

1000 CFS Addition to Drainage Pumping Station No. 11 for the Sewerage & Water Board of New Orleans: A 10,000 SF pump house, two 500 CFS pumps, and related electrical/mechanical systems and controls. The project included two I-walls and one T-wall along with improvements to the levee along the Gulf Intracoastal Waterway.

East St. John High School Drainage Pumping Station; St. John the Baptist Parish, LA: A flood protection system around East St. John High School with interior drainage improvements and utility relocations.

Land Use and Urban Planning:

New Orleans Medical District Land Use, Transportation and Infrastructure Master Plan; Orleans Parish, LA: Master Planning for the redevelopment of the Medical District, post-Hurricane Katrina. The Master Plan included facilitation of a Project Advisory committee, community outreach, a comprehensive asset inventory of District infrastructure, a plan for transportation network integration and a Land Use study and plan that included an urban design vision for the district.

Infrastructure Planning and Management for the New Veterans Administration Medical Center (VAMC) and University Medical Center (UMC); New Orleans, LA: Inventory and Mapping of existing public and private utility systems and the identification of required street closures, relocation of streets, sidewalks and street lighting, abandonment and relocation of existing utility systems and new utility system construction to accommodate the new VA Hospital and University Medical Center.

Planning, Resubdivision & Infrastructure Improvements for the Proposed Redevelopment of the Jefferson Plaza Shopping Center; Jefferson, LA: Site planning, re-subdivision and civil engineering services for a proposed condominium development on the former Jefferson Plaza Shopping Center site. N-Y performed several tasks, including: project research, revocation of streets, re-subdivision of the site, & concept-level site planning.

Memberships & Associations:

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

LICENSURE: CONSTANTINE NICOLADIS, 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. Constantine Frank Nicoladis

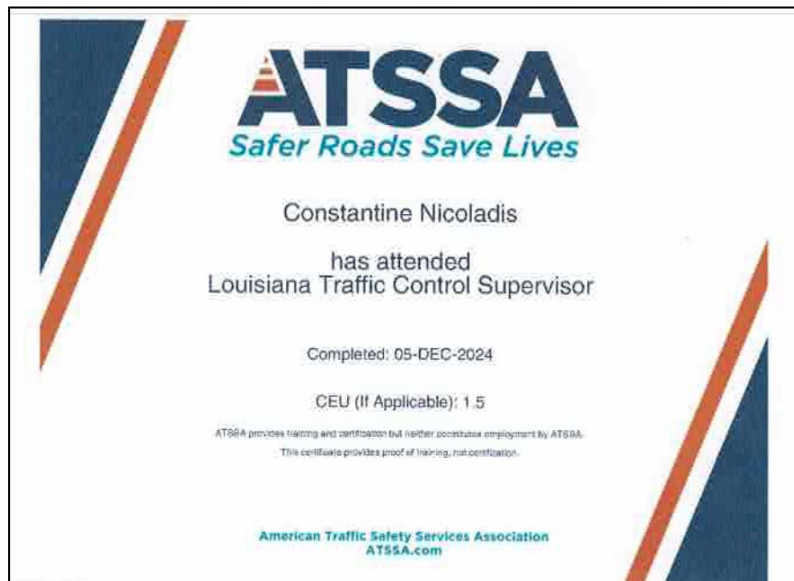
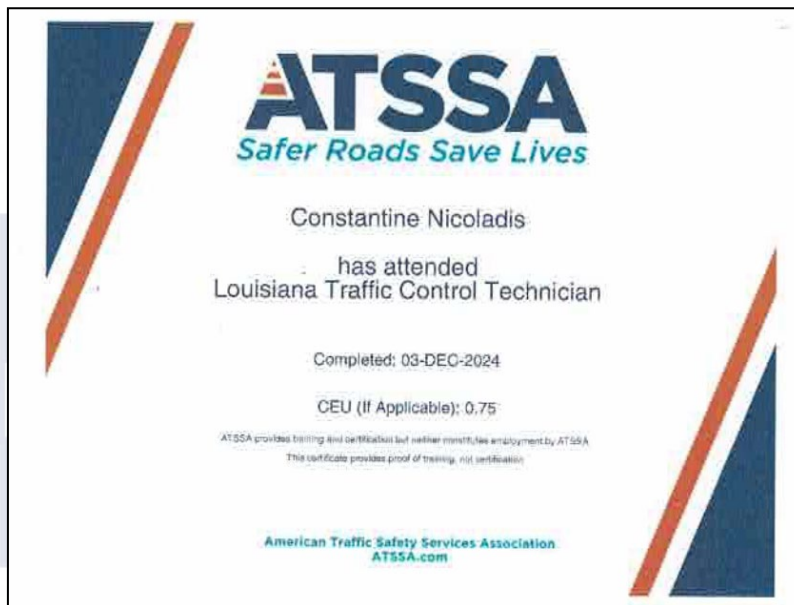
License/Certificate Type - Number

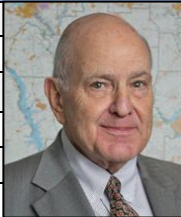
PE.0027095

Expiration Date

09/30/2025

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:		
Name & Title:		
Frank Nicoladis, PE – Chairman / Founder		
Project Assignment:		
Principal and Project Oversight / Civil and Hydraulic Engineer		
Name of Firm with which associated:		
N-Y Associates, Inc.		
Years' experience with this Firm:		
56 Years		
Education: Degree(s)/Year/Specialization:		
Bachelor of Science/1957/Mississippi State University/Civil Engineering		
Active registration: Year first registered/discipline:		
LA (5924)/1957/Civil Engineering	MS (2468)/1961/Civil Engineering	TX (32329)/1971/Civil Engineering
FL (36371)/1985/Civil Engineering	AR (3373)/1972/Civil Engineering	LA (2862)/1957/Surveying (retired)
Other experience and qualifications relevant to the proposed Project:		
<p>Mr. Nicoladis has over 60 years of experience as a consulting engineer and over 50 years as President of N-Y. Mr. Nicoladis has served as a Principal-in-Charge for many N-Y projects undertaken for public agencies at the federal, state and local levels. His role is to ensure that the client's expectations of the firm are fully achieved, that projects are adequately staffed, that the firm's quality control standards are adhered to during the design process and that the client's schedule and budget are met.</p>		
<div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;"> Interior Drainage Experience: </div> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p> <p>Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.</p> <p>Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.</p> <p>Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA: A Hydraulic Analysis and Preliminary & Final plans for 3 box culverts at I-10, measuring 11' x 20' each; 4 box culverts at Veterans Blvd., measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS & a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.</p> <p>Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.</p> <p>ARFF Perimeter Road, Stage 1 at Louis Armstrong New Orleans International Airport (Duncan Canal Box Culvert); Kenner, LA: 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.</p>		
<p>Main Street Drainage Improvements; Plaquemines Parish, LA: New subsurface drainage improvements on Main Street and Avenue "D" including a new 50 CFS drainage pump station discharging to the Mississippi River.</p> <p>Alton Area Drainage; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements to alleviate street and nuisance flooding in the Alton Subdivision, utilizing SWMM. Design for Phase I of the proposed drainage improvements.</p> <p>1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements for this 12,500 acre area, utilizing HEC-RAS.</p> <p>Tantella Ranch/McGee Road Drainage Report; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements for a 1,780 acre area on Tantella Ranch Road, utilizing SWMM.</p> <p>Jefferson Avenue Canal I, from South Claiborne Avenue to Dryades Street, for the Sewerage and Water Board of New Orleans (SELA Project): Drainage improvements consisting of a 4400 LF covered reinforced concrete canal along Jefferson Avenue including roadway replacements and major utility relocations.</p> <p>Claiborne Avenue Manifold Canal, from LA Avenue to Jena Street for the Sewerage & Water Board of New Orleans. (SELA Project): A single-barrel, 10'h x 24'w concrete box culvert from Jena St. to the west & a single barrel 10' h x 14' w concrete box culvert from Louisiana Avenue to the east, with a capacity of approx. 2000 CFS in the median of S. Claiborne Avenue (US 90).</p> <p>Jones Creek Area Drainage Improvements; Franklinton, LA: Development of a HEC-RAS hydraulic computer model of the 213 acre Jones Creek Drainage Basin. Design for an earthen channel measuring 1500 LF and concrete flume sections measuring 3800 LF to improve flow capacities on Jones Creek and the Jones Creek Lateral.</p> <p>Downtown Area Drainage Improvements; Franklinton, LA: Development of a HEC-RAS hydraulic computer model of a 26 acre area. Design for improvements to the area's subsurface drainage system, which included 30" to 60" diameter reinforced concrete pipe.</p>		

Master Drainage Plan for St. John the Baptist Parish, LA: As a major subconsultant to another firm, N-Y prepared a master drainage plan for the east and west banks (32 drainage basins; 125,000 acres total).

LA 1088 Interchange, Route I-12; St. Tammany Parish: Addition of a fully directional interchange to I-12 at LA 1088. Drainage design included 24", 36", 42", 54", 60" & 72" reinforced concrete & reinforced concrete arch pipes.

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Bayou Segnette Complex Flood Protection: 56' Wide Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA: The replacement of the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 with new protection designed to the USACE Case 1 - 100 year level of protection.

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Hoey's Basin Pump to the River Project; Jefferson Parish, LA: Engineering Feasibility, Hydraulic Modeling and Conceptual Cost Estimates evaluating a new drainage pump station in the 2,400 acre Jefferson Parish portion of the 10,000 acre Hoey's Drainage Basin. Alternatives included a 1600 CFS station (with a 13' diameter, 5400 LF discharge force main) expandable to 2400 CFS and a 1000 CFS station with a detention pond for interim stormwater storage.

Land Use and Urban Planning:

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Site Program and Master Site Plan for Hope Haven Site; Jefferson Parish, LA: Master planning for the redevelopment of the existing 27-acre Hope Haven site on the Parish's west bank. The project included coordinating and guiding the efforts of a Stakeholder Task Force; developing a conceptual program for the use of existing Hope Haven; property and buildings; developing a master site plan; and preparing and conducting public meetings.

Implementation of the Lafreniere Sub-Area Plan; Jefferson Parish, LA: A sub-area plan for the Lafreniere Park area on the Parish's east bank. The study included research and planning to prepare amendments to the zoning map and zoning text necessary for the economic revitalization and redevelopment of the Lafreniere Park area, **most notably creation of a new TCMU Zoning district with new signage regulations.** Public meetings and public input were a vital part of this project effort.

Bucktown Neighborhood Plan; Jefferson Parish, LA: Neighborhood plan to address issues regarding future redevelopment, land use, traffic and recreation. This award-winning plan included a substantial public participation component; coordination with the Parish's overall master planning efforts; and the creation of two new site-specific mixed-use zoning districts, each with new signage regulations.

West End Redevelopment, Phases 1 & 2; Orleans & Jefferson Parishes, LA: An award-winning Smart Growth-based redevelopment plan. *Phase 1:* Land Use and Site Plan Analysis which resulted in a consensus site plan alternative incorporating principles of Smart Growth. *Phase 2:* Economic Development Study determining the appropriate amount of retail, office, hotel and residential units that can be absorbed within the study area.

New Orleans Medical District Land Use, Transportation and Infrastructure Master Plan; Orleans Parish, LA: Master Planning for the redevelopment of the Medical District, post-Katrina including facilitation of a Project Advisory Committee, community outreach, a comprehensive asset inventory of District infrastructure, a plan for transportation network integration and a Land Use study and plan that included an urban design vision for the district.

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 the South and Southwest (Marquis)



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(LAPELS)

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

Mr. Frank Nicoladis

License/Certificate Type - Number

PE.0005924


Expiration Date

03/31/2025

Status: **Active**



Jefferson
Parish
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Michael F. Nicoladis, EI, MBA - President	
Project Assignment:	
Principal / Project & Subconsultant Management	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
41 Years	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science/1982/Vanderbilt University/Civil Engineering (Magna Cum Laude)	
Master of Business Administration/1984/Duke University (Fuqua Scholar)	
Active registration: Year first registered/discipline:	
LA (8705)/1982/Engineering Intern	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Nicoladis has had a variety of design, construction administration and project management experience since joining the firm in 1984. As President, he is responsible for overseeing the daily operations and administration of N-Y. He is instrumental in new business development, contract negotiations, and scheduling of work. Mr. Nicoladis also serves as a Principal on many projects and plays a major role in overseeing the firm's client management program.</p> <p>Interior Drainage Experience:</p> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p> <p>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.</p> <p>Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.</p> <p>Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.</p> <p>Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.</p> <p>ARFF Perimeter Road, Stage 1 at Louis Armstrong New Orleans International Airport (Duncan Canal Box Culvert); Kenner, LA: 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.</p>	<p>Jefferson Avenue Canal I, from South Claiborne Avenue to Dryades Street, for the Sewerage and Water Board of New Orleans (SELA Project): Drainage improvements consisting of a 4400 LF covered reinforced concrete canal along Jefferson Avenue including roadway replacements and major utility relocations.</p> <p>Claiborne Avenue Manifold Canal, from LA Avenue to Jena Street for the Sewerage & Water Board of New Orleans. (SELA Project): A single-barrel, 10'h x 24'w concrete box culvert from Jena St. to the west & a single barrel 10' h x 14' w concrete box culvert from Louisiana Avenue to the east, with a capacity of approx. 2000 CFS in the median of S. Claiborne Avenue (US 90).</p> <p>1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements for this 12,500 acre area, utilizing HEC-RAS.</p> <p>Tantella Ranch/McGee Road Drainage Report; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements for a 1,780 acre area on Tantella Ranch Road, utilizing SWMM.</p> <p>Master Drainage Plan for St. John the Baptist Parish, LA: As a major subconsultant to another firm, N-Y prepared a master drainage plan for the east and west banks of St. John (32 drainage basins; 125,000 acres total).</p> <p>Jones Creek Area Drainage Improvements; Franklinton, LA: Development of a HEC-RAS hydraulic computer model of the 213 acre Jones Creek Drainage Basin. Design for an earthen channel measuring 1500 LF and concrete flume sections measuring 3800 LF to improve flow capacities on Jones Creek and the Jones Creek Lateral.</p> <p>LA 1088 Interchange, Route I-12; St. Tammany Parish: Addition of a fully directional interchange to I-12 at LA 1088. Drainage design included 24", 36", 42", 54", 60" & 72" diameter reinforced concrete & reinforced concrete arch pipes.</p>

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Infrastructure Planning and Management for the New Veterans Administration Medical Center (VAMC) and University Medical Center (UMC); New Orleans, LA: Inventory and Mapping of existing public and private utility systems and the identification of required street closures, relocation of streets, sidewalks and street lighting, abandonment and relocation of existing utility systems and new utility system construction to accommodate the new VA Hospital and University Medical Center.

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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)



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

Mr. Michael F. Nicoladis

License/Certificate Type - Number

EI.0008705


Expiration Date

09/30/2025

Status: **Active**



**Jefferson
Parish**
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
James E. Simmons, PE – Vice President	
Project Assignment:	
Senior Civil and Structural Engineer	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
31 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:	
<p>Mr. Simmons has 48 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.</p> <p>Interior Drainage Experience:</p> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p> <p>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.</p> <p>Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Design, bidding, construction administration and resident inspection for improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.</p> <p>Main Street Drainage Improvements; Plaquemines Parish, LA: New subsurface drainage improvements on Main Street and Avenue "D" including a new 50 CFS drainage pump station discharging to the Mississippi River.</p> <p>Jefferson Avenue Canal I, from South Claiborne Avenue to Dryades Street, for the Sewerage and Water Board of New Orleans (SELA Project): Drainage improvements consisting of a 4400 LF covered reinforced concrete canal along Jefferson Avenue including roadway replacements and major utility relocations.</p>	<p>Claiborne Avenue Manifold Canal, from LA Avenue to Jena Street for the Sewerage & Water Board of New Orleans. (SELA Project): A single-barrel, 10'h x 24'w concrete box culvert from Jena St. to the west & a single barrel 10' h x 14' w concrete box culvert from Louisiana Avenue to the east, with a capacity of approx. 2000 CFS in the median of S. Claiborne Avenue (US 90).</p> <p>LA 1088 Interchange, Route I-12; St. Tammany Parish: Addition of a fully directional interchange to I-12 at LA 1088. Drainage design included 24", 36", 42", 54", 60" & 72" diameter reinforced concrete & reinforced concrete arch pipes.</p> <p>Flood Protection Experience:</p> <p>New 1200 CFS Bayou Segnette Drainage Pumping Station for Jefferson Parish, LA: A new 1200 CFS pumping station with two, 600 CFS horizontal pumps driven by diesel engines through gear reducers.</p> <p>Hoey's Basin Pump to the River Project; Jefferson Parish, LA: Engineering Feasibility, Hydraulic Modeling and Conceptual Cost Estimates evaluating a new drainage pump station in the 2,400 acre Jefferson Parish portion of the 10,000 acre Hoey's Drainage Basin. Alternatives included a 1600 CFS station (with a 13' diameter, 5400 LF discharge force main) expandable to 2400 CFS and a 1000 CFS station with a detention pond for interim stormwater storage.</p> <p>Bayou Segnette Complex Flood Protection: 56' Wide Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA: The replacement of the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 with new protection designed to the USACE Case 1 - 100 year level of protection.</p>

Plans and Specifications for a 750 CFS Interim Pump Facility at the East of Harvey Sector Gate Structure; Jefferson Parish, LA for the USACE: Design and Engineering during Construction of a 750 CFS interim pump station facility with pumps and engines provided by the Government. Design included the support structure and lateral bracing for the temporary pumps to be located within the Sector Gate Structure East side gatebay recess, location and support for discharge piping and discharge pipes, diesel engine and fuel storage platform, fuel transfer systems, connecting hydraulic and water lines and their support structure, lighting, generator and all other mechanical and electrical components.

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Interim 2100 CFS Drainage Pumping Station at the 17th Street Canal for the U. S. Army Corps of Engineers (post-Katrina): Design and Engineering During Construction of the pump platforms, engine buildings and discharge piping for this 2,100 cfs station. The pump station consists of two pump platforms, each consisting of six pumps located on either side of the 17th Street Canal. N-Y was the design engineer of record as a subconsultant to another firm.

Fronting Protection for Estelle No. 1 (Old) and Estelle No. 2 (New) Pumping Stations; Jefferson Parish, LA: Preparation of the Design Report and Plans & Specifications to provide fronting protection across the entire width of the pumping station discharge areas. The designs consisted of a combination of gate and T-wall monoliths and include positive cutoff for backflow prevention using sluice gates at concrete discharge tubes and butterfly valves at steel discharge pipes.

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East Lacombe Area Land Use and Transportation Scenario Planning Study; St. Tammany Parish, LA: A land use and transportation study which involves scenario planning for alternative land use. N-Y's tasks as a major subconsultant include: Establishing and supporting a project management committee; preparation of a demographic and economic profile for the study area; gathering data on infrastructure and utilities; assist with conceptual development of land use and transportation scenarios; prepare conceptual cost estimates for infrastructure improvements (utilities and transportation); evaluation of alternatives.

North Slidell Revitalization Plan; St. Tammany Parish, LA: N-Y is developed a revitalization plan to: 1) identify and assess the infrastructure of the study area, as well as existing and future land uses; 2) propose infrastructure improvements and land use solutions that will support the revitalization of the area; and 3) identify potential community amenities and enhancements that will contribute to the sense of community and quality of life for the neighborhood. Public meetings and public input were a vital part of this project effort.

Land Use and Transportation Visioning Plan 2008; St. Bernard and Plaquemines Parishes: Development of a vision statement and production of a conceptual land use plan and a conceptual major thoroughfare plan for each parish, post-Hurricane Katrina.

Planning, Re-subdivision & Infrastructure Improvements for the Proposed Redevelopment of the Jefferson Plaza Shopping Center; Jefferson, LA: Site planning, re-subdivision and civil engineering services for a proposed condominium development on the former Jefferson Plaza Shopping Center site. N-Y performed several tasks, including: project research, revocation of streets, re-subdivision of the site, & concept-level site planning.

Memberships & Associations

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

LICENSURE/CERTIFICATIONS: JAMES SIMMONS, PE



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ENGINEERING & LAND SURVEYING BOARD
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Phone (225) 925-6291
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Mr. James E. Simmons

License/Certificate Type - Number
PE.0019891

Expiration Date
09/30/2025

Status: **Active**

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Mississippi

This Certificate of Participation
is presented to

Jim Simmons

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

Topics on Steel Girder Design

Constructability and Availability Considerations for Steel Bridges

Virtual Fabrication Shop Tour

Bolted Splice Design

Effect of skewed Supports on Steel I girder Bridge Behavior

Advanced Fabrication Processes

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

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

James Nelson

James Nelson
President, ACEC/MS

Judy Adams

Judy Adams
Executive Director, ACEC/MS



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Technician
Training Course

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

Baton Rouge, LA
Location

Don M. Clark
Vice President of Education and Technical Services
Sharon Truesher
President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Supervisor
Training Course

9/5/2023 to 9/5/2027
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President, CEO

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American Traffic Safety Services Association ATSSA.com



National Highway Institute Certificate of Training

James E. Simmons

has participated in
NEPA and Transportation Decision Making

hosted by
LADOTD / LTRC

Location: Baton Rouge, LA

Hours of instruction: 18

Date: August 31 - September 2, 2004

Richard A. Grange
Instructor
Morgan Ryals
Director, National Highway Institute
Federal Highway Administration

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



Certificate of Attendance

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

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

TO CERTIFY THAT

Jim Simmons

HAS SATISFACTORILY COMPLETED 7 HOURS OF TRAINING

Elizabeth Wemple, PE
Director of Local Public

February 24, 2015
Date
New Orleans, Louisiana



This certificate of training is presented to

JAMES SIMMONS

In Recognition of Attending

Highway Safety Manual Workshop

Baton Rouge, Louisiana

Elizabeth Wemple, PE

18.0 Professional Development Hours

Nov 30 - Dec 2, 2011

Eric Tang, PE
Instructor

Date

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bruce Richards, AICP, PTP, GIP – Vice President

Project Assignment:

Master Planner / Green Infrastructure

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

26 Years

Education: Degree(s)/Year/Specialization:

Master of City Planning/1989/Georgia Institute of Technology; Bachelor of Arts/1986/Louisiana State University

Active registration: Year first registered/discipline:

1999/LA AICP No. 126106; Professional Transportation Planner No. 613; Green Infrastructure Practitioner No. 974

Other experience and qualifications relevant to the proposed Project:

Mr. Richards offers 37 years planning experience in the areas of feasibility studies, transportation planning, master plans, environmental assessments & impact statements, research and operations studies, traffic impact studies, and noise mitigation. Mr. Richard is a certified Green Infrastructure Practitioner by the National Green Infrastructure Certification Program (NGICP).

Mr. Richards has completed the NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" and the course on Section 106 of the National Preservation Act offered by the Advisory Council on Historic Preservation.

Land Use and Urban Planning:

Establishment of an Overlay Zone, Development Standards, and Capital Improvement Recommendations to Improve US Hwy 90 Corridor; St. Charles Parish, LA: The overlay zone and development standards are being used to guide future development and encourage beautification through improved site, building, and landscaping design, and pedestrian and vehicle safety through improved access and traffic circulation. N-Y will provide preliminary recommendations for planned/possible capital improvements for an approximately 4-mile portion of US Highway 90 within the areas of Luling and Boutte, including landscaping, complete streets, access management (both median and curbside), street lighting, and drainage improvements.

Site Program and Master Site Plan for Hope Haven Site; Jefferson Parish, LA: Master planning for the redevelopment of the existing 27-acre Hope Haven site on the Parish's west bank. The project included coordinating and guiding the efforts of a Stakeholder Task Force; developing a conceptual program for the use of existing Hope Haven; property and buildings; developing a master site plan; and preparing and conducting public meetings.

Implementation of the Lafreniere Sub-Area Plan; Jefferson Parish, LA: A sub-area plan for the Lafreniere Park area on the Parish's east bank. The study included research and planning to prepare amendments to the zoning map and zoning text necessary for the economic revitalization and redevelopment of the Lafreniere Park area, **most notably creation of a new TCMU Zoning district with new signage regulations.** Public meetings and public input were a vital part of this project effort.

Bucktown Neighborhood Plan; Jefferson Parish, LA: Neighborhood plan to address issues regarding future redevelopment, land use, traffic and recreation. This award-winning plan included a substantial public participation component; coordination with the Parish's overall master planning efforts; and the creation of two new site-specific mixed-use zoning districts, each with new signage regulations.

West End Redevelopment, Phases 1 & 2; Orleans & Jefferson Parishes, LA: An award-winning Smart Growth-based redevelopment plan. *Phase 1:* Land Use and Site Plan Analysis which resulted in a consensus site plan alternative incorporating principles of Smart Growth. *Phase 2:* Economic Development Study determining the appropriate amount of retail, office, hotel and residential units that can be absorbed within the study area.

New Orleans Medical District Land Use, Transportation and Infrastructure Master Plan; Orleans Parish, LA: Master Planning for the redevelopment of the Medical District, post-Katrina including facilitation of a Project Advisory Committee, community outreach, a comprehensive asset inventory of District infrastructure, a plan for transportation network integration and a Land Use study and plan that included an urban design vision for the district.



East Lacombe Area Land Use and Transportation Scenario Planning Study; St. Tammany Parish, LA: A land use and transportation study which involved scenario planning for alternative land use and will be coordinated with the Parish's on-going Transportation Master Plan update. N-Y's tasks as a major sub-consultant included: Establishing and supporting a project management committee; preparation of a demographic and economic profile for the study area; gathering data on infrastructure and utilities; assisting with conceptual development of land use and transportation scenarios; preparing conceptual cost estimates for infrastructure improvements (utilities and transportation); and evaluation of alternatives.

North Slidell Revitalization Plan; St. Tammany Parish, LA: N-Y developed a revitalization plan to: 1) identify and assess the infrastructure of the study area, as well as existing and future land uses; 2) propose infrastructure improvements and land use solutions that will support the revitalization of the area; and 3) identify potential community amenities and enhancements that will contribute to the sense of community and quality of life for the neighborhood. Public meetings and public input were a vital part of this project efforts.

Zachary Taylor Parkway Master Plan Update; Alexandria, LA to Poplarville, MS: Revise & Update 4 areas of the Master Plan which included policy shifts, demographic shifts, economic shifts, and traffic updates. New elements included a vision statement; economic development plan; marketing & communications framework; listing and mapping sites of natural, cultural & historical significance; traffic safety and disaster preparedness review and **informational signage**.

Land Use and Transportation Visioning Plan 2008; St. Bernard and Plaquemines Parishes: Development of a vision statement and production of a conceptual land use plan and a conceptual major thoroughfare plan for each parish, post-Hurricane Katrina.

Infrastructure Planning and Management for the New Veterans Administration Medical Center (VAMC) and the University Medical Center (UMC); New Orleans, LA: Inventory and Mapping of existing public and private utility systems and the identification of required street closures, relocation of streets, sidewalks and street lighting, abandonment and relocation of existing utility systems and new utility system construction to accommodate the new VA Hospital and University Medical Center.

Transportation Planning:

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans, and St. Charles Parish, LA: Engineering and Planning services for an Environmental Impact Statement, including alignment studies and impact analysis of the build alternatives necessary to obtain a Record of Decision for this multi-modal transit and highway corridor.

Causeway/Earhart Interchange, Route LA 3139; Jefferson Parish, LA: Feasibility Study and Environmental Inventory (including line and grade) for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046). The final two alternatives were evaluated in a Stage 1 Environmental Assessment.

Environmental Assessment for New Bridge Crossings over the Lower Harvey Canal; Jefferson Parish, LA: Line & Grade Study and a Stage 1 Environmental Assessment, including Concept Engineering Design for a new bridge crossing the Harvey Canal at Harvey Boulevard from Destrehan Avenue and a new double leaf bascule bridge crossing the Harvey Canal at Lapalco Boulevard.

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 & Bridge Plans for adding a fully directional interchange to Interstate 12 at LA 1088.

Environmental Assessment for US 51 (LA 22 to Club Deluxe Road); Tangipahoa Parish, LA: Stage 1 Environmental Assessment, including Concept Engineering Design, for added capacity and intersection improvements.

Environmental Assessment for Widening LA Highway 23 (Happy Jack to N. Port Sulphur); Plaquemines Parish, LA: Stage 1 Environmental Assessment for the reconstruction of a 3.8 mile segment of highway from two lanes to four lanes with a median and new subsurface drainage within the existing ROW.

Environmental Impact Statement for US 61 at Reserve to I-10 Interstate Access; St. John the Baptist Parish, LA: Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10. This project was completed in 2 phases.

Memberships & Associations:

- American Planning Institute
- American Institute of Certified Planners

CERTIFICATIONS: BRUCE J. RICHARDS, AICP, PTP, GIP



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:

16 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 32 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.

Interior Drainage Experience:

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.

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.

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.

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.

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.

Brewster Road/LA 1077 Detention Pond; St. Tammany Parish, LA: H&H Modeling utilizing SWMM & HEC-RAS and Design for a 10-acre detention pond including drainage improvements to facilitate connectivity to the pond and new subsurface drainage along Brewster Road.



Alton Area Drainage; St. Tammany Parish, LA: Hydraulic Modeling of Existing Conditions and Proposed Improvements to alleviate street and nuisance flooding in the Alton Subdivision, utilizing SWMM. Design for Phase I of the proposed drainage improvements.

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.

Land Use and Urban Planning:


North Slidell Revitalization Plan; St. Tammany Parish, LA: N-Y developed a revitalization plan to: 1) identify and assess the infrastructure of the study area, as well as existing and future land uses; 2) propose infrastructure improvements and land use solutions that will support the revitalization of the area; and 3) identify potential community amenities and enhancements that will contribute to the sense of community and quality of life for the neighborhood. Public meetings and public input were a vital part of this project effort.

East Lacombe Area Land Use and Transportation Scenario Planning Study; St. Tammany Parish, LA: A land use and transportation study which involved scenario planning for alternative land use and will be coordinated with the Parish's on-going Transportation Master Plan update. N-Y's tasks as a major sub-consultant included: Establishing and supporting a project management committee; preparation of a demographic and economic profile for the study area; gathering data on infrastructure and utilities; assisting with conceptual development of land use and transportation scenarios; preparing conceptual cost estimates for infrastructure improvements (utilities and transportation); and evaluation of alternatives.

Memberships & Associations:


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

LICENSURE/CERTIFICATIONS: FRED MORTALI, PE


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

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

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
William Haensel, PE, PLS – Senior Civil Engineer	
Project Assignment:	
Civil and Structural Engineer	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
4 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 LA (4338)/1974/ Land Surveyor	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Haensel has over 50 years of experience including civil and structural engineering design of levees, floodwalls, drainage pumping stations, box culverts, building foundations and bridges. His experience also includes working for the USACE, New Orleans District in the channel stabilization branch where he was responsible for the engineering design and documentation of river revetments and shore protection for the Mississippi and Atchafalaya Rivers.</p> <p>Roadway & Drainage Experience:</p> <p>➤ With N-Y Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA: The replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.</p> <p>FPA-E LPV-111 Bridge Rehabilitation; New Orleans, LA: Rehab of the existing LPV-111 bridge which was contractor designed and constructed using existing concrete abutments with new steel H-pile bents and rolled steel framing to support timber mats. The deck width is 20-ft and the bridge is 102-ft long which 35-ft end spans and two 16-ft center spans.</p> <p>➤ With Other Firms Savannah Drive; Jefferson Parish, LA: The design of new public roadways for access to newly developed property. A stormwater detention analysis was prepared for the street to determine pipe sizes. Design included approximately 850 linear feet of new 15" and 18" reinforced concrete drain lines to serve the area.</p> <p>Hickory Ridge Lane and Ferriday Court; Jefferson Parish, LA: The new public roadway access to newly developed property. A stormwater detention analysis was prepared for the streets to determine drainage pipe sizes. Design included approximately 1,800 linear feet of new 15", 18", and 24" diameter reinforced concrete drainage pipe to serve the area. Additionally, new sanitary sewer lines and a community water distribution system was included in the design of the street.</p>	<p>West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA: A 5-mile urban aerial roadway which included a major drainage canal in an urbanized area.</p> <p>Fleur de Lis Blvd. Reconstruction: Design and Program Management (Phases I, II, and III); New Orleans, LA: The project consisted of the complete reconstruction of 8,200 linear feet (1.5 miles) of major urban divided roadway. As required by FHWA, a NEPA environmental clearance was prepared, completed, and accepted by LADOTD and FHWA. Because the corridor was bounded by residential development, significant attention was given to pedestrian access, bike paths, and construction sequencing. The project required multiple LADOTD design exceptions because of physical constraints and preservation of trees.</p> <p>Henderson Street (Tchoupitoulas Street to Race Street); New Orleans, LA: The new 1,500 foot long, four lane divided roadway to serve the \$194 million Phase IV of the New Orleans Convention Center. The design included approximately 2,500 linear feet of 15", 18", 24", and 30" diameter reinforced concrete drainpipe, 10,250 square yards of Portland Cement concrete pavement, a new 16" diameter water main, and a new 12" diameter sanitary sewer main all to serve the convention center expansion.</p> <p>Wilson Avenue Improvements (Dwyer Road to US Hwy 90/Chef Menteur Highway); New Orleans, LA: The design and construction of 2,400 linear feet of roadway to replace an existing four lane divided Portland Cement concrete roadway. Design included new 15", 18", 24", and 30" diameter reinforced concrete drainpipe to upgrade the existing drainage collection system, and new sanitary sewer collection mains and water mains.</p>
Memberships & Associations:	
<ul style="list-style-type: none"> American Society of Civil Engineers Society of American Military Engineers 	


LICENSURE/CERTIFICATIONS: WILLIAM HAENSEL, PE, PLS



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Mr. William B. Haensel Jr.

License/Certificate Type - Number	Expiration Date
PE.0013375	03/31/2026
Status: Active	



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Mr. William B. Haensel Jr.

License/Certificate Type - Number	Expiration Date
PLS.0004338	03/31/2026
Status: Active	

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Neil D. Logan, PE – Civil & Structural Engineer

Project Assignment:

Structural Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

46 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 over 60 years of engineering experience in the design and construction of roadways and bridges, and flood and surge control projects.

Flood Protection Experience:

New 1200 CFS Bayou Segnette Drainage Pumping Station for Jefferson Parish, LA: A new 1200 CFS pumping station with two, 600 CFS horizontal pumps driven by diesel engines through gear reducers.

WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellers Canal) Navigable Sector Gate, Sluice Gates, Levees and Floodwalls; Jefferson and St. Charles Parishes, LA for the USACE: Design & Engineering During Construction of a 56' wide navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee, a 5 gate sluice gate structure and a permanent access road. N-Y was the designer and professional engineer of record for this work as a subconsultant to another firm.

Bayou Segnette Complex Flood Protection - Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA for the USACE: Preparation of the Design Report (Alternatives 1,2,&3); Plans & Specifications, Engineering During Construction and O&M Manual (Alternative 2) for replacing the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 with new protection designed to the USACE Case 1-100 year level of protection.

Westbank & Vicinity, Lake Cataouatche Hurricane Protection Levee; Jefferson and St. Charles Parishes, LA: A reconnaissance-level study for hurricane protection alignments, raised to the FEMA 100 year future case (2057) level of protection. Design and Engineering during Construction of 12,450 LF of earthen levee, 2-concrete access bridges, a drainage feature in the Davis Pond Guide Levee, and a new drainage path for Jefferson Parish's pump station.

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.

Plans and Specifications for a 750 CFS Interim Pump Facility at the East of Harvey Sector Gate Structure; Jefferson Parish, LA for the USACE: Design and Engineering during Construction of a 750 CFS interim pump station facility with pumps and engines provided by the Government.

Interim 2100 CFS Drainage Pumping Station at the 17th Street Canal for the USACE (post-Katrina): Design and Engineering During Construction of the pump platforms, engine buildings and discharge piping for this 2,100 cfs station. The pump station consists of two pump platforms, each consisting of six pumps located on either side of the 17th Street Canal.

1000 CFS Addition to Drainage Pumping Station No. 11 for the Sewerage & Water Board of New Orleans: Design, Bidding, Construction Administration and resident inspection services for a 10,000 SF pump house, two 500 CFS pumps, and related electrical/mechanical systems and controls. The project included two I-walls and one T-wall along with improvements to the levee along the Gulf Intracoastal Waterway.

Additional Experience in Jefferson Parish:

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.



LICENSURE/CERTIFICATIONS: NEIL LOGAN, PE



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Mr. Neil D. Logan

License/Certificate Type - Number


PE.0014607

Expiration Date

03/31/2025

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Patricia R. Claverie, EI, MS	
Project Assignment:	
Hydrology and Hydraulics Engineer / Lead H&H Modeler / Drainage	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
4 Year / 21 years with Other Firms	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science/2000/University of New Orleans/Civil and Environmental Engineering	
Master of Science/2003/University of New Orleans/Engineering Management	
Active registration: Year first registered/discipline:	
LA (19340)/2000/Civil EIT	
Other experience and qualifications relevant to the proposed Project:	
<p>Patricia Claverie has 25 years of experience in H&H modeling. She has extensive knowledge of ArcView, PCSWMM, SWMM5, HEC-HMS, and HEC-RAS for drainage improvements and hydraulic design for bridges and culvert design. Her experience also includes planning and engineering services for Sewer Infiltration and Inflow Management using InfoWorks and developing shape files for GIS. Ms. Claverie also is knowledgeable in roadway design, traffic control plans, signage and pavement marking plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, and hydrologic studies.</p> <p>Roadway & Drainage Experience:</p> <p>Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA: H&H Modeling utilizing HEC-RAS for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.</p> <p>Coin Du Lestin Road Elevation; Slidell, LA: H&H Modeling utilizing HEC-RAS that illustrates the existing conditions, determines the required roadway elevations to prevent inundation in a 100-year event, evaluates the drainage impacts that will occur due to raising the roadway elevations, and provides a final recommendation.</p> <p>Improvements to Carriage Canal and Dunleith Canal; St. Charles Parish, LA: A new 107 LF concrete open flume at the intersection of the Carriage Canal and the Dunleith Canal to channel the two perpendicular flows into one uniform flow and a 540 LF of new sheet piles that will tie into the new concrete flume.</p>	<p>➤ With Other Firms</p> <p>Master Drainage Plan for Sewerage and Water Board of New Orleans: Ms. Claverie was responsible for creating the Hydraulic Model using PCSWMM for both the existing conditions and required drainage improvements for the Algiers and English Turn areas.</p> <p>USACE – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA: Ms. Claverie provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the \$1B drainage improvement program. She coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. She reviewed contract and construction documents for constructability, inputted review comments into Dr. Checks, coordinated acquisitions of rights-of-way and construction easements, and reviewed the design of the relocation of utilities. She performed computer Hydraulic Modeling using the XP-SWMM program for major drainage canals and systems to determine the existing conditions and required drainage improvements, evaluated water surface profiles for existing and proposed improvements, and prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.</p> <p>Grays Creek, Livingston Parish, LA: Ms. Claverie was responsible for preparing a Drainage Study for Grays Creek from Florida Boulevard (Hwy 190) to Interstate-12 in Livingston Parish. Ms. Claverie created an existing condition model in HEC-RAS for Grays Creek. In addition, the following alternatives were evaluated in the HEC-RAS proposed model: widening the channel bottom, fixing the centerline slope, adding concrete slope paving to side banks, and replacing the bridges with culverts.</p>

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

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

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

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

Flood Protection Experience:

US Army Corps of Engineers, MVN – Levees Section

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

Ms. Claverie worked on the following relevant projects:

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

Memberships & Associations:

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



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Ms. Patricia Renee' Claverie

License/Certificate Type - Number

EI.0019340


Expiration Date

09/30/2026

Status: **Active**



**Jefferson
Parish**
State of Louisiana

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:	
51 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:	
<p>Interior Drainage Experience:</p> <p>Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.</p> <p>Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA: CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.</p> <p>Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expwy.); 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. 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 consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.</p> <p>Improvements to Drainage Canal No. 3; Jefferson Parish, LA: Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.</p> <p>Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA: A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.</p> <p>Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.</p> <p>Improvements to West Napoleon Avenue from Cleary Avenue to Houma Blvd.; Jefferson Parish, LA: A new 2250 LF 4-lane, urban roadway; which included a 13.5'h x 40'w, double barrel, 195' long box culvert at the Suburban Drainage Canal, tie-ins to existing streets, curb & gutter and subsurface drainage. A 2200 LF concrete flume canal section with a bottom width of 30' and a capacity of 3,000 CFS was also constructed in Canal No. 4.</p>	<p>ARFF Perimeter Road, Stage 1 at Louis Armstrong New Orleans International Airport (Duncan Canal Box Culvert); Kenner, LA: 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.</p> <p>Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage, along with adjacent concrete sidewalks.</p> <p>Metairie Road Smart Growth; Jefferson Parish, LA: Smart Growth items of work including lane reduction to permit more room for pedestrians and vehicle parking, wider sidewalks, demarcation of sidewalk with colored pavers, adding high-visibility crosswalks, new ADA compliant curb ramps, and the use of pervious concrete for non-travel lanes to reduce stormwater runoff.</p> <p>Improvements to 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.</p> <p>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.</p> <p>Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA: Roadway pavement and subsurface utilities, including drainage, water, and sanitary sewer.</p>

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans and St. Charles Parishes, LA:

The identification of transit and highway alternatives within the area bounded by I-310, the New Orleans Union Passenger Terminal, I-10 and the Mississippi River within the metropolitan New Orleans area. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six and eight lanes with four lane service roads). (subconsultant)

West Jefferson North-South Roadway Study; Jefferson Parish, LA:

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

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.

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.

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.

Land Use and Urban Planning:

Establishment of an Overlay Zone, Development Standards, and Capital Improvement Recommendations to Improve US Hwy 90 Corridor; St. Charles Parish, LA: The overlay zone and development standards are being used to guide future development and encourage beautification through improved site, building, and landscaping design, and pedestrian and vehicle safety through improved access and traffic circulation. N-Y will provide preliminary recommendations for planned/possible capital improvements for an approximately 4-mile portion of US Highway 90 within the areas of Luling and Boutte, including landscaping, complete streets, access management (both median and curbside), street lighting, and drainage improvements.

Site Program and Master Site Plan for Hope Haven Site; Jefferson Parish, LA:

Master planning for the redevelopment of the existing 27-acre Hope Haven site on the Parish's west bank. The project included coordinating and guiding the efforts of a Stakeholder Task Force; developing a conceptual program for the use of existing Hope Haven; property and buildings; developing a master site plan; and preparing and conducting public meetings.

Bucktown Neighborhood Plan; Jefferson Parish, LA:

Neighborhood plan to address issues regarding future redevelopment, land use, traffic and recreation. This award-winning plan included a substantial public participation component; coordination with the Parish's overall master planning efforts; and the creation of two new site specific mixed-use zoning districts.

West End Redevelopment, Phases 1 & 2; Orleans & Jefferson Parishes, LA:

An award-winning Smart Growth-based redevelopment plan. *Phase 1:* Land Use and Site Plan Analysis which resulted in a consensus site plan alternative incorporating principles of Smart Growth. *Phase 2:* Economic Development Study determining the appropriate amount of retail, office, hotel and residential units that can be absorbed within the study area.

New Orleans Medical District Land Use, Transportation and Infrastructure Master Plan; Orleans Parish, LA:

Planning for the redevelopment of the Medical District, post-Hurricane Katrina. The Master Plan included facilitation of a Project Advisory committee, community outreach, a comprehensive asset inventory of District infrastructure, a plan for transportation network integration and a Land Use study and plan that included an urban design vision for the district.

Infrastructure Planning and Management for the New Veterans Administration Medical Center (VAMC) and University Medical Center (UMC); New Orleans, LA:

Inventory and Mapping of existing public and private utility systems and the identification of required street closures, relocation of streets, sidewalks and street lighting, abandonment and relocation of existing utility systems and new utility system construction to accommodate the new VA Hospital and University Medical Center.

Planning, Re-subdivision & Infrastructure Improvements for the Proposed Redevelopment of the Jefferson Plaza Shopping Center; Jefferson, LA:

Site planning, re-subdivision and civil engineering services for a proposed condominium development on the former Jefferson Plaza Shopping Center site. N-Y performed several tasks, including: project research, revocation of streets, re-subdivision of the site, & concept-level site planning.

Memberships & Associations:

- American Society of Certified Engineering Technicians

CERTIFICATIONS: DENNIS VOSS, NICET LEVEL IV



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Level 1**


and for having been awarded 12 Professional Developmental Hours

October 14-15, 2008

Baton Rouge, Louisiana

Authorized By

LTRC
Louisiana Transportation Research Center

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Noah Jackson, CADD	
Project Assignment:	
Senior CADD Technician	
Name of Firm with which associated:	
N-Y Associates, Inc.	
Years' experience with this Firm:	
7 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:	
<div>Drainage and Flood Control Projects:</div> <p>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.</p> <p>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.</p> <p>Morganza to the Gulf of Mexico; Minors and Shell East Canal Floodgate Complex; Terrebonne Parish, LA: Design of 56' wide and 125' wide barge gates including the design of temporary by-pass channels, tie in T-walls (both straight and PI monoliths), braced cofferdams, barge gate receiving structures (pile supported foundations and abutments), guide walls, pile protection clusters, and other associated work.</p>	<p>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.</p> <p>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).</p>
<div>Roadways and Bridges:</div> <p>Comite River Diversion Project – US Highway 61 (Airline Highway Bridges); East Baton Rouge, Parish, LA: New northbound and southbound highway bridges for the US Highway 61 crossing and the accompanying bypass road, pile load tests for the bridges, design of the diversion project discharge channel, the relocation of Barnett Road, and all required area drainage.</p>	<div>Other Experience:</div> <p>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.</p> <p>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.</p>

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November 24, 2020

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State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Johnny Thompson – Quality Assurance Representative

Project Assignment:

Quality Assurance Representative/Resident Inspection

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

8 Years / 45 with other firms

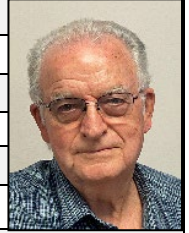
Education: Degree(s)/Year/Specialization:

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 Rail yard Expansion; St. Charles Parish, LA: Resident Inspection Services during the construction of a five-track rail yard 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:

11 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

Replacement of the Neyrey & Veterans (F7-13) Lift Station; Jefferson Parish, LA: Resident Inspection for a new 2600 GPM wastewater lift station, including all sitework, wet well, valve box, emergency pump out, pumps, valves, electrical controls, power feed, and all other appurtenant work.

Rehabilitation of the Market & Sauve (D4-7) Lift Station; Jefferson Parish, LA: Resident Inspection for a new 1500 GPM wastewater lift station, including all sitework, wet well, valve box, emergency pump out, pumps, valves, electrical controls, power feed, and all other appurtenant work.

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:

New Veterans Administration Medical Center (VAMC) Infrastructure Improvements; Orleans Parish, LA

Owner:
City of New Orleans,
Dept. of Public Works
1300 Perdido Street
New Orleans, LA 70112

Contact:
Clinton Hathaway
Director
(504) 658-8044

HUD/CDBG Funded

Concrete Streets:	1,400	LF
Asphalt Streets:	3,000	LF
Drainlines:		
12"	370	LF
15"	600	LF
18"	1,350	LF
24"	340	LF
30"	210	LF
36"	650	LF
42"	480	LF
48"	660	LF
Waterlines:		
8"	2,400	LF
12"	1,900	LF
16"	150	LF
Sewerlines:		
8"	200	LF
24" (SFM)	4,500	LF

Preliminary and Final Plans, Cost Estimates, Specifications and Bid Documents for 4,400 LF of new roadway pavement complete with curbs, base, and subsurface utilities, including **drainage**, water, and sanitary sewer installation. **The project also included roadway lighting and landscaping.**

Full Reconstruction: S. Rocheblave (Tulane to Canal); Canal St., River Bound Lanes (S. Rocheblave to S. Galvez); Cleveland Ave (S. Rocheblave to S. Broad); Palmyra St. (S. Rocheblave to S. Broad).

Cold Mill and Overlay: Banks St. (S. Rocheblave to S. Broad); S. Galvez St. (Tulane to Canal). N. Derbigny (Cleveland to Canal); Cleveland (N. Derbigny to N. Claiborne)

N-Y also provided Bid Phase, Construction Administration and Resident Inspection Services.

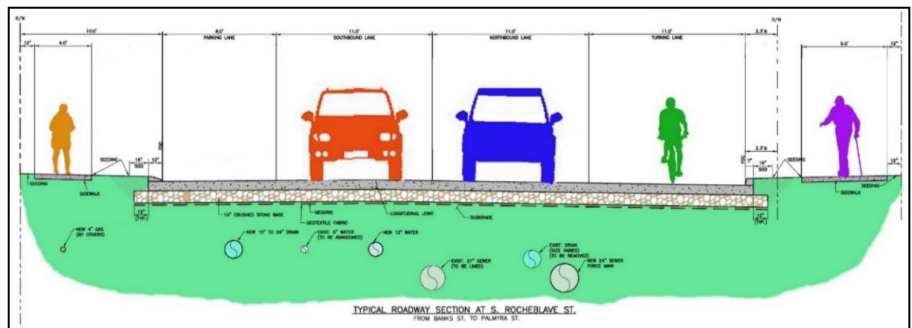


S. Galvez Street



Canal Street

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



Completion Date
(Actual or Estimated):

Estimated Cost:

Entire Project:

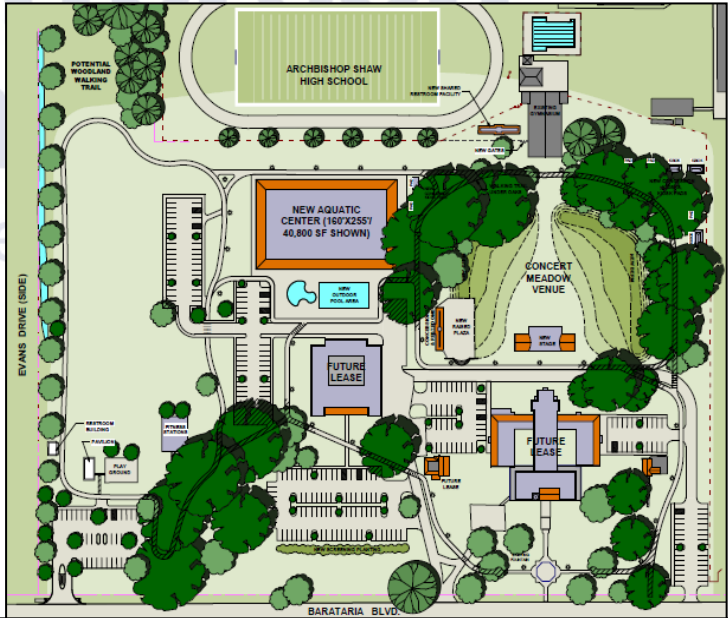
Work for which Firm was Responsible:

2018

\$15 million

100%

PROJECT NO. 2

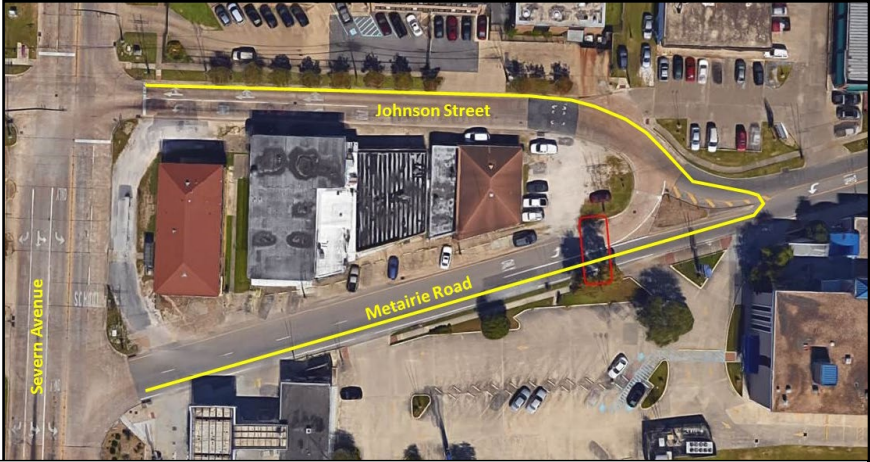
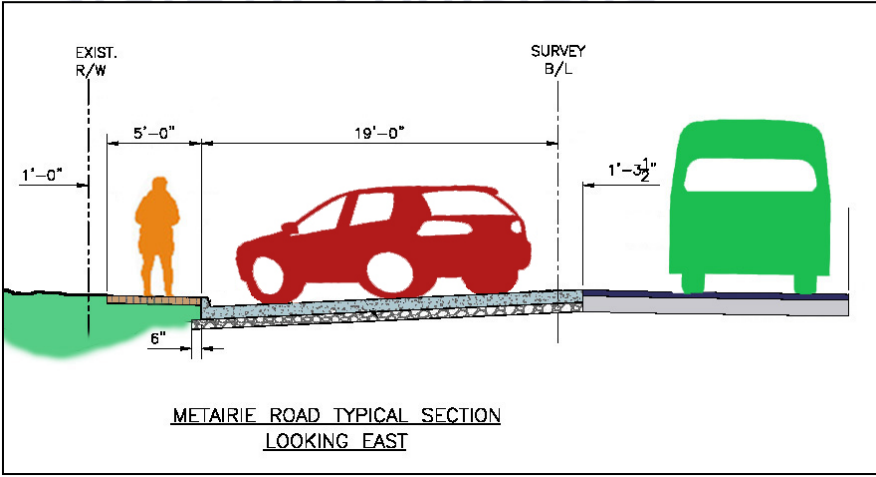
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Site Program and Master Site Plan for Hope Haven Site; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish Planning Dept. 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Bess Martin, Director (504) 736-6320</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>N-Y Personnel: B. Richards, AICP L. Jemison, AICP F. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET</p> </div>	<p>N-Y developed a Site Program and Master Site Plan for the approximate 27-acre Hope Haven site on the Parish's west bank. Formerly an orphanage, the site is scattered with Spanish Renaissance-style buildings that are currently unused. Jefferson Parish recently obtained a 99-year lease from the Archdiocese of New Orleans to use the property and buildings for purposes which will provide a positive impact to the general public and be environmentally sustainable. New improvements envisioned for the site include a concert meadow, a new Parish aquatic center, expansion of a walking path, adaptive re-use of historic buildings, and additional parking.</p> <p>A. N-Y's scope of work included:</p> <ul style="list-style-type: none"> ▪ Coordinating and guiding the efforts of a Stakeholder Task Force. ▪ Developing a conceptual program for the use of existing Hope Haven property and buildings (and possible new buildings on the site). ▪ Developing a master site plan: <ul style="list-style-type: none"> ○ identifying existing infrastructure, ○ determining if any zoning changes are necessary, ○ ascertaining parking requirements for the proposed uses, ○ preparing a site plan and a rendering (including location of individual uses on the site within existing buildings or new buildings, new roadways and walkways, and any new landscaping). ▪ Preparing for and conducting a public meeting for input and feedback. <p>B. N-Y also developed concept engineering plans and a cost estimate for the proposed Concert Meadow.</p> <div style="text-align: center;">  <p>The site plan shows a large rectangular area labeled 'NEW AQUATIC CENTER (160'X255' 40,800 SF SHOWN)' in the center. To its right is a 'CONCERT MEADOW VENUE'. Above the aquatic center is 'ARCHBISHOP SHAW HIGH SCHOOL'. To the left of the aquatic center is a 'POTENTIAL WOODLAND WALKING TRAIL'. The plan also shows 'EVANS DRIVE (SIDE)' on the left, 'BARATARIA BLVD.' at the bottom, and several 'FUTURE LEASE' areas. Landscaping with trees and walkways is indicated throughout the site.</p> <p>Site Plan Showing Planned Improvements</p> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$231,000 (fee)	100%

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Lafreniere Sub-Area Plan; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish Planning Dept. 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Bess Martin, Director (504) 736-6320</p> <div><p>N-Y Personnel: B. Richards, AICP L. Jemison, AICP F. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET</p></div>	<p>At the request of Jefferson Parish, N-Y completed tasks to implement a sub-area plan for the Lafreniere Park area in Jefferson Parish. The project area limits were W. Napoleon Avenue to the south, the Soniat Canal to the west, Veteran Boulevard to the north, and the eastern edge of Lafreniere Park to the east. The project involved research and planning to prepare amendments to the zoning map and zoning text necessary for the revitalization and redevelopment of the Lafreniere Park area.</p> <p>N-Y's specific tasks completed included:</p> <ul style="list-style-type: none">▪ Collecting and analyzing sign data, and making develop preliminary recommendations for fair and reasonable sign regulations and standards;▪ Drafting of a new Town Center Mixed Use (TCMU) zoning district, with new signage, size, setback, use, and landscaping standards and regulations;▪ Conducting task force and public participation meetings;▪ Reviewing and analyzing of previous and ongoing planning documents; and the current zoning ordinance;▪ Analyzing the relationships between land use, zoning, transportation, and development of recommendations for zoning and Future Land Use Map changes (which were approved by the Parish Council);▪ Preparing an overall plan report including specific zoning and comprehensive plan amendments.					
<p>Completion Date (Actual or Estimated):</p> <p>2022</p>	<p>Estimated Cost:</p> <table><tr><th>Entire Project:</th><th>Work for which Firm was Responsible:</th></tr><tr><td>\$115,000 (fee)</td><td>100%</td></tr></table>		Entire Project:	Work for which Firm was Responsible:	\$115,000 (fee)	100%
Entire Project:	Work for which Firm was Responsible:					
\$115,000 (fee)	100%					



PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Metairie Road Smart Growth; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: J. Simmons, PE F. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET</p> </div>	<p>A previous study for Metairie Road looked at ways for "Smart Growth Development" in the Metairie Road corridor. This project is one segment of the Smart Growth development.</p> <p>N-Y is providing Design, Bidding and Construction Administration for the <i>Smart Growth items of work which include lane reconfiguration to permit more 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 permeable concrete pavement for non-travel lanes (parking and bus U-turn) to reduce stormwater runoff.</i></p> <p>The project also includes roadway concrete panel replacement as needed, drainage improvements and an improved bus U-turn.</p> <div style="text-align: center;">  <p>Metairie Road Smart Growth Project Limits (Existing Conditions)</p> </div> <div style="text-align: center;">  <p>METAIRIE ROAD TYPICAL SECTION LOOKING EAST</p> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (Design on Hold)	\$750,000	100%

PROJECT NO. 5

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

Improvements to Subsurface Drainage for the Maplewood/Paillet Subdivision
Jefferson Parish, LA

CDBG Funded

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

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

- i. Design, bidding, construction administration and resident inspection for **CDBG funded subsurface drainage and street improvements in the Maplewood/Paillet Subdivision** along Gretna Boulevard between Gardere Canal and Redwood Street, Maplewood Street between Gretna Boulevard and 3rd Street, 9th Street between Gardere Canal and Redwood Street, and Dogwood and Redwood Streets between 9th Street and Doliac Street.
- ii. **Drainage Improvements to Paillet Avenue, Estalote Avenue, Esther Street and Brown Avenue (subconsultant)**
Design, bidding and construction administration of subsurface drainage and associated pavement repair. N-Y's work included design for the installation of 670 LF of 15" – 36" drain pipes.



Installed 45"x73" RCPA drainage culvert

N-Y Personnel:

C. Nicoladis, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
F. Mortali, PE
D. Voss, NICET

DRAINAGE
Reinforced Concrete Pipe (RCP)
132 LF of 15" RCP
18 LF of 18" RCP
110 LF of 24" RCP
284 LF of 36" RCP
552 LF of 48" RCP
196 LF of 54" RCP
Reinforced Concrete Pipe Arch (RCPA)
1016 LF of 26" x 43" RCPA
64 LF of 36" x 58" RCPA
476 LF of 40" x 65" RCPA
68 LF of 43" x 64" RCPA
170 LF of 45" x 73" RCPA
Corrugated Metal Pipe (CMP)
201 LF of 47" x 61" CMP
WATER
80 LF of 6" waterline
600 LF of 8" waterline
SEWER
628 LF of 8" sewerline
347 LF of 12" sewerline



Looking East towards Queens Blvd. ready for concrete replacement

Completion Date (Actual or Estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

- i. 2011
- ii. 2019

- i. \$3.4 million
- ii. \$190,000

100%

PROJECT NO. 6

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

Improvements to Subsurface Drainage for the Bunche Village Subdivision; Jefferson Parish, LA

HUD/CDBG Funded

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

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

DRAINAGE

Reinforced Concrete Pipe (RCP)

280 LF of 15" RCP

251 LF of 18" RCP

50 LF of 21" RCP

825 LF of 24" RCP

761 LF of 30" RCP

642 LF of 36" RCP

178 LF of 42" RCP

WATER

326 LF of 8" waterline

SEWER

82 LF of 10" sewerline

N-Y Personnel:

C. Nicoladis, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
J. Simmons, PE
D. Voss, NICET

Design, bidding, construction administration and resident inspection for **CDBG funded subsurface drainage and street improvements in the Bunche Village Subdivision** along Meadow Street and Myrtle Street between Ivy Street and Mistletoe Street.



Installation of 42" RCP Culvert on Myrtle St. Outfall between Mistletoe St. & Canal No. 6



Installation of 36" PVC Pipe across Mistletoe Street on Meadow Street Outfall

Completion Date (Actual or Estimated):

Estimated Cost:

Entire Project:


Work for which Firm was Responsible:

2012



\$2 million

100%

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Establishment of an Overlay Zone, Development Standards, and Capital Improvement Recommendations to Improve US Hwy 90 Corridor; St. Charles Parish, LA</p> <p>Owner: St. Charles Parish Dept. of Planning & Zoning 14996 River Road Hahnville, LA 70057</p> <p>Contact: Michael Albert, Director (985) 783-5060</p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><u>N-Y Personnel:</u> B. Richards, AICP L. Jemison, AICP F. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET</p> </div>	<p>N-Y provided services for the establishment of an overlay zone and development standards for an approximately 4-mile portion of US Highway 90 within the areas of Luling and Boutte. The overlay zone and development standards are being used to guide future development and encourage beautification through improved site, building, and landscaping design, and pedestrian and vehicle safety through improved access and traffic circulation. N-Y is also examining and providing preliminary recommendations for planned/possible capital improvements within the U.S. Hwy 90 corridor, including landscaping, complete streets, access management (both median AND curbside), street lighting, and drainage improvements.</p> <p>N-Y's specific tasks included:</p> <ul style="list-style-type: none"> ▪ Review and analysis of previous and ongoing planning documents; and the current zoning ordinance; ▪ Collection and analysis of signage data, and making develop preliminary recommendations for fair and reasonable sign regulations and standards; ▪ Analysis of the Relationships between Land Use, Zoning and Transportation, Including Planned/Possible Capital Improvements; ▪ Coordination and Outreach; including Parish Official/Parish Staff/Stakeholder Meetings, Public Informational Meetings, and presentations at Parish Planning Commission Meetings and Parish Council Meetings; ▪ Develop recommendations for zoning/land use amendments, including development of commercial overlay district; ▪ Preparing an overall plan report including specific zoning and comprehensive plan amendments. <div style="text-align: center;">  <p>Proposed Median Improvements</p> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$150,000 (fee)	100%

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Orleans Medical District Land Use, Transportation & Infrastructure Master Plan; Orleans Parish, LA</p> <p>Owner: Regional Planning Commission 10 Veterans Boulevard New Orleans, LA 70124</p> <p>Contact: Jeffrey Roesel, AICP Executive Director (504) 483-8528</p> <div data-bbox="138 940 436 1157" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><u>N-Y Personnel:</u> B. Richards, AICP F. Nicoladis, PE M. Nicoladis, EI, MBA C. Nicoladis, PE D. Voss, NICET</p> </div> <div data-bbox="147 1205 698 1598" style="margin-top: 20px;">  </div>	<p>The New Orleans Medical District (NOMD) is an urban area containing a number of hospitals, health science centers and clinical facilities including Tulane University Hospital and School of Medicine, LSU Schools of Medicine and Nursing, Charity Hospital, University Hospital, a new Veterans Administration Hospital, and the Delgado School of Nursing. During Hurricane Katrina, many of these facilities were damaged and have remained closed.</p> <p>The Regional Planning Commission of New Orleans (RPC) hired N-Y to work with the various members and stakeholders in the Medical District to develop a Master Plan for the redevelopment of the District.</p> <p>The Master Plan included the following:</p> <ul style="list-style-type: none"> ▪ Facilitation of a Project Advisory committee made up of District stakeholders; ▪ Community Outreach; ▪ A comprehensive asset inventory of District infrastructure; ▪ A plan for transportation network integration; and ▪ A Land Use Study and Plan for the district that includes an urban design vision for the District. <p>N-Y was also selected to be the Infrastructure Program Manager for the relocation and installation of all public and private utilities required for the new Veterans Administration Medical Center.</p> <div data-bbox="737 1119 1511 1560" style="margin-top: 20px;">  </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2008	\$375,000 (fee)	100%

PROJECT NO. 9

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

Bucktown Neighborhood Plan; Jefferson Parish, LA

Owner:

Jefferson Parish Planning Dept.
1221 Elmwood Park Blvd.
Harahan, LA 70123

Contact:

Bess Martin, Director
(504) 736-6320

N-Y Personnel:

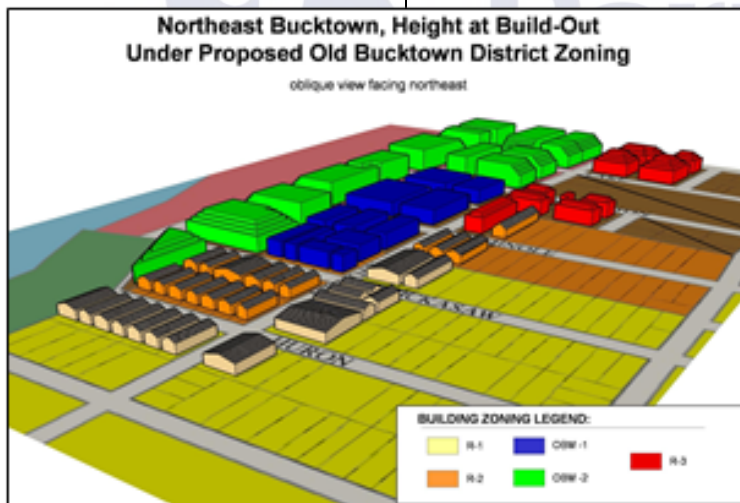
B. Richards, AICP
L. Jemison, AICP
F. Nicoladis, PE
M. Nicoladis, EI, MBA
D. Voss, NICET

Bucktown is a neighborhood in Jefferson Parish, which for many years was a sleepy fishing village. Over the last few years the Bucktown neighborhood has begun to experience substantial redevelopment, including high-rise residential.

N-Y prepared a neighborhood plan to address issues regarding future redevelopment, land use, traffic and recreation. Tasks under this project involved data collection and analysis; a public participation process including public workshops and meetings that focused on placemaking for the kind of destination development desired by the community; coordination with the Parish's overall master planning efforts; preparation of the Neighborhood Plan document and implementing ordinances; and the creation of two (2) new site-specific mixed-use zoning districts, each with new signage regulations.

The conceptual plan will promote pedestrian and bicycle access including connectivity among the Old Bucktown Zoning Districts. Decorative sidewalks ranging between 6-10 feet in width will extend from the back of the curbs towards the property line.

The American Planning Association - Louisiana Chapter awarded N-Y the 2008 Outstanding Planning Award: For a Project/Program Tool, for this work.



Completion Date (Actual or Estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

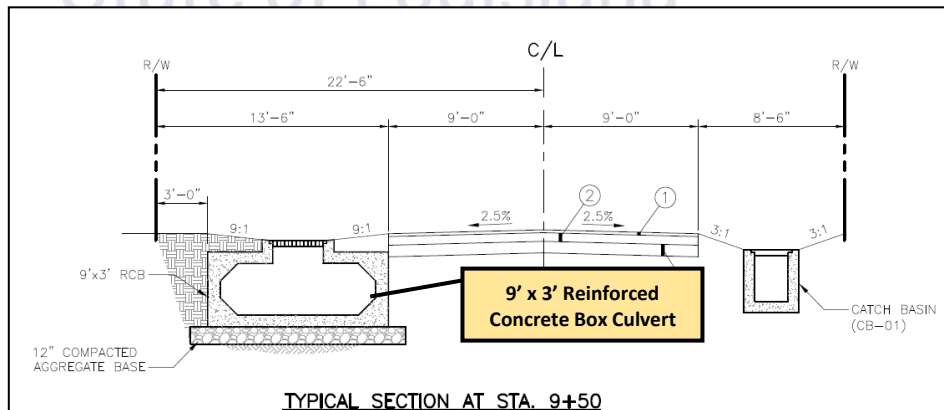
2007

\$100,000 (fee)

100%

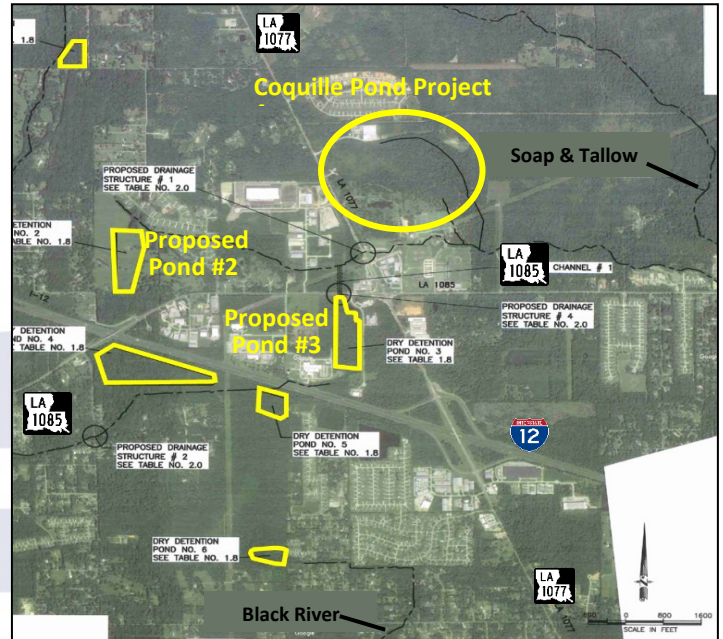
PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Drainage Master Planning, Hydraulic Modeling and Design; St. Tammany Parish, LA</p> <p>A. Alton Subdivision Drainage Improvements</p> <p>i. Alton Drainage Study ii. Alton Drainage Design, Phase 1</p> <p>Owner: St. Tammany Parish 21490 Koop Drive Mandeville, LA 70471</p> <p>Contact: Daniel Hill, PE (985) 898-2552</p> <div><p>N-Y Personnel: C. Nicoladis, PE F. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE D. Voss, NICET</p></div>	<p>A. Alton Subdivision Drainage Improvements</p> <p>i. Alton Drainage Study Hydraulic Modeling utilizing SWMM of Existing Conditions and Proposed Improvements (including new subsurface drainage and open channel flow) to alleviate street and nuisance flooding in the Alton Subdivision North of I-12 and West of US Hwy 11.</p> <p>This area is part of the Bayou Vincent watershed, a tributary to Bayou Bonfouca. Land use is largely residential with some commercial and industrial. A SWMM model was created to study the drainage issues based on both existing conditions and proposed improvements for a 10, 25, 50 and 100 Year Storms. In the conclusion of the study, N-Y suggested that the construction of the proposed solutions be completed in two phases. Phase I of the project includes the improvements to the major outfalls along Third Street from 12th Street to the outfall at Drainage Lateral 8-JW1-14, as well as drainage Laterals 8-JW1-8, 8-JW1-27 and 8th Street from Amos to the outfall at 8-JW1-27.</p> <p>ii. Alton Drainage Design, Phase 1 Design for Phase 1 of the proposed drainage improvements included:</p> <ul style="list-style-type: none">▪ New subsurface drainage including reinforced concrete arch pipe and 176 LF of 4' x 4' pre-cast, reinforced concrete boxes along N. 3rd Avenue between N. 12th Street and west of N. 18th Street.▪ Ditch widening along N. 10th Street between N. 1st Avenue and Amos Street▪ 858 LF of 9' x 3' pre-cast, reinforced concrete boxes and reinforced concrete arch pipe along N. 8th Avenue between Amos Street and south of Estride Avenue. <div></div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>A. i. 2016 ii. 2018 (design)</p>	\$1.5 million	100%

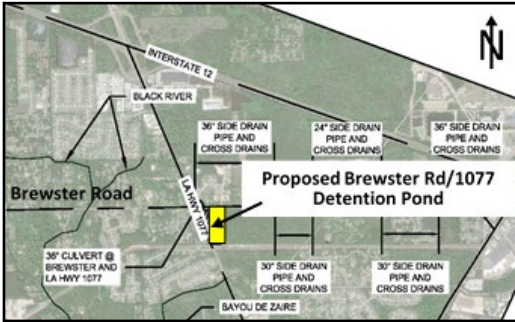



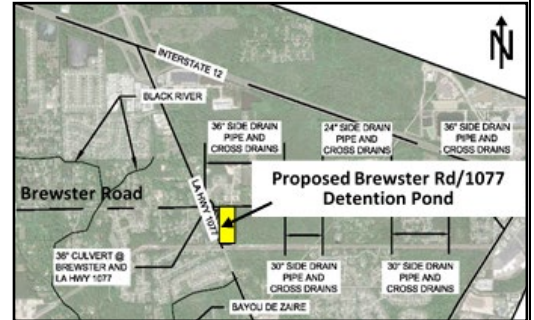
PROJECT NO. 10 (Continued)

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Drainage Master Planning, Hydraulic Modeling and Design; St. Tammany Parish, LA</p> <p>B. 1077/1085 Drainage Study</p> <p>C. Tantella Ranch/McGee Road Drainage Study</p> <p>Owner: St. Tammany Parish 21490 Koop Drive Mandeville, LA 70471</p> <p>Contact: Daniel Hill, PE (985) 898-2552</p> <div data-bbox="120 1081 418 1293"> <p>N-Y Personnel: C. Nicoladis, PE F. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE D. Voss, NICET</p> </div>	<p>B. 1077/1085 Drainage Study</p> <p>Hydrologic and Hydraulic Modeling utilizing SWMM and HEC-RAS, of Existing Conditions and Proposed Phased Improvements for this 12,500-acre area which includes the following three (3) adjoining watershed areas in northwestern St. Tammany Parish.</p> <ul style="list-style-type: none"> ▪ East Bedico Creek (7,254 acres) <ul style="list-style-type: none"> – includes Fox Branch and Tributary No. 3 tributaries ▪ Soap and Tallow Creek (4,412 acres) <ul style="list-style-type: none"> – includes Tallow Creek, Tallow Creek No. 3 and Tuscany tributaries ▪ Black River (833 acres) <p>The Proposed Improvements will reduce flood inundation and water surface elevations and include six (6) new stormwater detention ponds, enlargement of existing culverts and new culverts.</p> <p>The 1077/1085 Drainage Study identified the need for storm water detention ponds and other drainage improvements in the Coquille Pond project area to mitigate future flooding during rain events. N-Y provided hydrologic and hydraulic modeling, conceptual design and cost estimates for proposed detention ponds in the study area which are similarly sized and would provide similar benefits to the proposed 30-acre Coquille Pond.</p>	
<p>Completion Date (Actual or Estimated):</p> <p>B. 2016 C. 2017</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p> <p>B. \$17.8 million C. \$8.1 million</p>	<p>Work for which Firm was Responsible:</p> <p>100%</p>



PROJECT NO. 10 (Continued)

PROJECT NO. 10 (Continued)								
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:							
<p>Drainage Master Planning, Hydraulic Modeling and Design;</p> <p>St. Tammany Parish, LA</p> <p>D. Brewster Road/LA 1077 Detention Pond</p> <p>E. Coin Du Lestin Road Elevation</p> <p>Owner:</p> <p>St. Tammany Parish</p> <p>21490 Koop Drive</p> <p>Mandeville, LA 70471</p> <p>Contact:</p> <p>Daniel Hill, PE</p> <p>(985) 898-2552</p>	<p>D. <u>Brewster Road/LA 1077 Detention Pond</u></p> <p>Hydrologic and Hydraulic Modeling utilizing SWMM and HEC-RAS of existing conditions and proposed improvements to evaluate the benefits and verify the pond design criteria.</p> <p>Design for a +/- 10-acre detention pond located on undeveloped land in the vicinity of the intersection of Brewster Rd and LA Hwy 1077 within the upper portion of the Bayou De Zaire watershed in unincorporated Madisonville. The project also includes drainage improvements to facilitate connectivity to the pond including cross drains, side drains, storm drains, and potential new subsurface drainage along Brewster Road.</p> <p>Note: In 2021, N-Y was tasked with performing a revised H&H Study and relocating the proposed pond to parcel southwest of Post Oak Road and LA Hwy 1077. Final Design at this new location is now complete.</p> <p>E. <u>Coin Du Lestin Road Elevation</u></p> <p>N-Y evaluated the raising of several roadways in the Coin Du Lestin Estates subdivision in eastern St. Tammany Parish by creating a Hydraulic and Hydrology Model (H&H Model). The H&H Model utilizes HEC-RAS and illustrates the existing conditions, determines the required roadway elevations to prevent inundation in a 100-year event, evaluates the drainage impacts that will occur due to raising the roadway elevations, and provides a final recommendation.</p> <p>N-Y is now completing the Final Design of the recommended improvements.</p>							
<div><p>N-Y Personnel:</p><p>C. Nicoladis, PE</p><p>F. Nicoladis, PE</p><p>M. Nicoladis, EI, MBA</p><p>J. Simmons, PE</p><p>F. Mortali, PE</p><p>P. Claverie, EI, MS</p></div>								
								
	<table><tr><th colspan="2">Estimated Cost:</th></tr><tr><th>Entire Project:</th><th>Work for which Firm was Responsible:</th></tr><tr><td>D. \$8.1 million est.</td><td rowspan="2">100%</td></tr><tr><td>E. \$1.5 million est.</td></tr></table>		Estimated Cost:		Entire Project:	Work for which Firm was Responsible:	D. \$8.1 million est.	100%
Estimated Cost:								
Entire Project:	Work for which Firm was Responsible:							
D. \$8.1 million est.	100%							
E. \$1.5 million est.								
Completion Date (Actual or Estimated):								
D. 2025								
E. 2025								



Site Plan Showing Areas that Currently

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.		
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
		N-Y has no on-going legal proceedings with Jefferson Parish.
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
<div> <div> <div>SECTION N. TABLE OF CONTENTS</div> <div> I. EXECUTIVE SUMMARY II. MINIMUM QUALIFICATIONS III. EVALUATION CRITERIA 1. Professional Training and Experience 2. Size of Firm 3. Capacity for Timely Completion 4. Past Performance 5. Location of the Principal Office 6. Adversarial Legal Proceedings 7. Prior Successful Completion of Projects IV. QUALITY ASSURANCE PROGRAM V. THE N-Y ADVANTAGE </div> </div> <div> <div>I. EXECUTIVE SUMMARY</div> <p>N-Y is a fifty-six (56) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969.</p> <p>N-Y's staff 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.</p> <p>N-Y has worked extensively throughout Jefferson Parish since its inception. Our public agency clients include the Parish, the Jefferson Parish School Board, the Jefferson Parish Sheriff's Office, the City of Kenner, LADOTD, and the Regional Planning Commission.</p> <p>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.</p> </div> <div> <div>II. MINIMUM QUALIFICATIONS</div> <p>1. One Principal who is a licensed, registered professional engineer in the State of Louisiana:</p> <ul style="list-style-type: none"> Constantine F. Nicoladis, PE LA PE No. 27095, Expires 09/30/2025 38 of Experience Frank Nicoladis, PE LA PE No. 5924, Expires 03/31/2025 68 Years of Experience <p>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:</p> <ul style="list-style-type: none"> Constantine F. Nicoladis, PE LA PE No. 27095, Expires 09/30/2025 38 of Experience <p>3. The persons or firms under consideration shall have one (1) employee who is a licensed, registered professional engineer in the State of Louisiana in the applicable discipline involved.. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline:</p> <ul style="list-style-type: none"> James Simons, PE LA PE No. 19891, Expires 09/30/2025 48 Years of Experience William Haensel, PE, PLS LA PE No. 13375, Expires 03/31/2025 57 Years of Experience Fred Mortali, PE LA PE No. 35111, Expires 03/31/2026 32 Years of Experience Neil Logan, PE LA PE No. 14607, Expires 03/31/2025 64 Years of Experience </div> </div>		

II. EVALUATION CRITERIA

1. Professional Training and Experience

➤ Personnel

N-Y possesses highly qualified & experienced personnel, who have the experience, educational background, and are licensed/certified to provide services for the Sala Avenue Historic District in Westwego. The professional qualifications, integrity, reliability and commitment of our personnel has earned N-Y an excellent reputation among our clients.

Constantine F. Nicoladis, PE, Senior Vice President and Civil & Hydraulic Engineer, will serve as Project Manager. He has 38 years of experience and is in responsible charge of the design and construction engineering of the firm's Parish and municipal drainage work. Mr. Nicoladis has extensive experience with major subsurface drainage improvements, drainage canals, box culverts, utilities relocation and roadway reconstruction in Jefferson and Orleans Parishes, with construction values from under \$5 million to over \$50 million.

Mr. Simmons will be supported by a team of senior engineers and support personnel with over 30 years average experience, as outlined below. Many of these professionals have been with N-Y over twenty (20) years.

- **James E. Simmons, PE:** Vice President and Civil Engineer who has a B.S. in Civil Engineering and 48 years of related experience. *Mr. Simmons experience includes N-Y's work in Jefferson Parish on many roadway and drainage projects, including Improvements to Destrehan Ave., Phases I and II; Improvements to West Esplanade Ave., from Bonabel Blvd. to Cleary Ave.; Improvements to Veterans Blvd., from David Dr. to Roosevelt Blvd.; and Improvements to West Napoleon Ave., from Cleary Ave. to Houma Blvd.*
- **Fred Mortali, PE:** Civil & Hydraulic Engineer with a Bachelor of Engineering in Civil Engineering and 32 years experience. *Mr. Mortali 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. He was responsible for the overall program implementation including the oversight of five (5) design engineers and approx. twenty (20) construction contractors, as well as providing the Parish with the necessary documentation for FEMA's Project Worksheets.*
- **William Haensel, PE, PLS:** Civil & Structural Engineer with a Bachelor of Engineering in Civil Engineering and over 50 years experience. *Mr. Haensel's experience includes the design of roadways, subsurface drainage, levees, floodwalls, drainage pumping stations, box culverts, and building foundations.*

- **Bruce Richards, AICP, PTP, GIP (Green Infrastructure Practitioner):** Master Planner, who has thirty-seven (37) years of experience (including 26 years at N-Y) in land use and transportation planning, feasibility studies, environmental inventories and assessments, environmental impact statements, master plans, and traffic impact studies. *Mr. Richards has been responsible for the preparation of planning documents by N-Y for parishes and municipalities; the RPC and LADOTD since 1999. He has completed NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" and the course on Section 106 of the National Preservation Act offered by the Advisory Council on Historic Preservation.*

- **Dennis Voss, NICET:** Senior Engineering Technician with 59 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 drainage 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:

- **Green Infrastructure Certification Program**
- American Society of Civil Engineers
- Society of American Military Engineers
- 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 in Jefferson Parish.

- **Dana Brown & Associates, Inc., a Woman-Owned Disadvantaged Business Enterprise (DBE), will provide Landscape Architecture and Green Infrastructure design and has extensive experience in Jefferson Parish including being currently under contract with the City of Westwego for green infrastructure stormwater management.**
- **BFM Corporation, LLC will provide all required topographic surveying.**

- **Gulf South Engineering and Testing, Inc. will provide all required geotechnical engineering.**

➤ **Experience**

See the project experience outlined in Section L of this form.

2. SIZE OF FIRM

N-Y's 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 the 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 is a Letter of Recommendation from 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:

- Site Program and Master Site Plan for Hope Haven Site in Jefferson Parish
- Lafreniere Sub-Area Plan in Jefferson Parish
- Bucktown Neighborhood Plan for Jefferson Parish
- West End Redevelopment, Phases 1 and 2; in Orleans and Jefferson Parishes for the Regional Planning Commission
- Planning, Resubdivision and Infrastructure Improvements for the Proposed Redevelopment of the Jefferson Plaza Shopping Center

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: 1/23/2025

C. Dana Brown & Associates, INC.

Subconsultant: Landscaping Architecture and
Green Infrastructure

- **TEC Professional Service Questionnaire**

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Sala Avenue Historic District Drainage Feasibility Analysis and Improvement Project

B. Firm Name & Address:

Dana Brown & Associates

1836 Valence Street
New Orleans, LA 70115

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:

Dana Nunez Brown
Louisiana licensed Landscape Architect
Landscape Architect No. B-360
504.345.2639
dbrown@danabrownassociates.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.

Dana Nunez Brown
Louisiana licensed Landscape Architect & Planner
Landscape Architect No. B-360; AICP No. 021644
504.345.2639
dbrown@danabrownassociates.com

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

<u>1</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u> </u> Construction Inspectors	<u>5</u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>6</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES

(NO)

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

TEC Professional Services Questionnaire

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

1. N/A

2. N/A

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

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

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

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

 N/A

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:

Dana Nunez Brown, President

Project Assignment:

Landscape Architect

Name of Firm with which associated:

Dana Brown & Associates, Inc.

Years' experience with this Firm:

20

Education: Degree(s)/Year/Specialization:

Master of Landscape Architecture, Harvard Graduate School of Design, 1981
Bachelor of Landscape Architecture, LSU, 1979

Active registration: Year first registered/discipline:

Louisiana licensed Landscape Architect, No. B-360, 1983

Other experience and qualifications relevant to the proposed Project:

Dana Brown has over 40 years of experience as a landscape architect and planner, managing projects with a wide range of sizes and budgets. She is a licensed Landscape Architect, a LEED Accredited Professional, a Certified Planner, and a Fellow of the American Society of Landscape Architects. Dana's work focuses on urban design, park design, stormwater management, and community engagement. She has been complimented by officials of New Orleans, Gretna, Hammond, Lafayette, Baton Rouge, Lake Charles, Houma, and others on her authentic interaction with stakeholders and members of the public to create memorable and functional spaces. Dana is also the author of "Using Plants for Stormwater Management: A Green Infrastructure Guide for the Gulf South."

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Danielle Duhe, Principal
Project Assignment:
Landscape Architect
Name of Firm with which associated:
Dana Brown & Associates, Inc.
Years' experience with this Firm:
12
Education: Degree(s)/Year/Specialization:
Bachelor of Landscape Architecture, LSU, 2012
Active registration: Year first registered/discipline:
Louisiana licensed Landscape Architect, No. D-277, 2019
Other experience and qualifications relevant to the proposed Project:
Danielle Duhe is a Principal and licensed Landscape Architect at DBA with over a decade of experience in outreach and education, parks and recreational planning, and in the design and construction of stormwater management facilities. Danielle has worked on a number of projects that have focused on pedestrian safety through design strategies, all while incorporating green infrastructure facilities. She is a consummate project manager, giving great attention to design, budget, and schedule while never losing sight of a project's purpose and goals. Danielle is a very active volunteer in the community, leading tours of green infrastructure, speaking at community events, and bringing her professional experience in design to her personal involvement in improving her hometown.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ry'yan Clark, Senior Associate
Project Assignment:
Landscape Architect
Name of Firm with which associated:
Dana Brown & Associates, Inc.
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
Master of Science in Plant Biology & Conservation, Northwestern University, 2022 Bachelor of Landscape Architecture, LSU, 2017
Active registration: Year first registered/discipline:
Louisiana licensed Landscape Architect, No. C-342, 2024
Other experience and qualifications relevant to the proposed Project:
Ry'yan's landscape architecture design approach integrates art theory and leverages his technical experience in visualization and diagrammatic planning to foster community engagement on both large and small scale projects. He is experienced in planning native coastal Louisiana and Midwestern prairie plantings and utilizing diverse plant color palettes that cater to both the aesthetic and functional requirements of a project. Ry'yan employs 8 years of experience designing stormwater management facilities, master plan reports, site scale landscape designs, and planting design tools on every project he undertakes.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Chad Wilkins, Senior Associate
Project Assignment:
Landscape Architect
Name of Firm with which associated:
Dana Brown & Associates, Inc.
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
Bachelor of Landscape Architecture, LSU, 2022
Active registration: Year first registered/discipline:
Louisiana licensed Landscape Architect, No. W-268, 2023 Louisiana licensed Landscape Horticulturist, No. 3086, 2007
Other experience and qualifications relevant to the proposed Project:
Chad Wilkins first joined the DBA team as an intern in 2020 and is now a full-time staff member. Before joining DBA, Chad owned his own landscape construction company, which he sold to pursue a Bachelor of Landscape Architecture degree from LSU. As a licensed Landscape Horticulturist and Green Infrastructure Professional, Chad brings a wealth of expertise and qualifications to his work. His passion lies in merging his love for plants and green infrastructure to craft stunning yet eco-friendly landscapes. Thanks to his extensive experience as a full-service landscaping professional, Chad has an in-depth understanding of landscape construction and irrigation. This enables him to provide valuable insights and solutions to clients, ensuring their construction needs are met with expertise and care.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kayla McCartney, Associate
Project Assignment:
Landscape Architectural Designer
Name of Firm with which associated:
Dana Brown & Associates, Inc.
Years' experience with this Firm:
0.5
Education: Degree(s)/Year/Specialization:
Bachelor of Landscape Architecture, University of Georgia, 2024
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Kayla McCartney first joined Dana Brown & Associates as an Associate in 2024. Before joining DBA, Kayla worked as an intern with LandDesign in Charlotte, NC. She graduated with her Bachelors in Landscape Architecture from the University of Georgia in 2024.</p> <p>As an emerging professional in the field of landscape architecture, Kayla is passionate about designing ecologically and culturally sensitive landscapes with her strong foundation in the principles of landscape architecture.</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Sala Avenue Improvements Sala Avenue Westwego, LA City of Westwego Mayor Robert Billiot 504.347.5745	DBA has been retained by the City of Westwego to redesign Sala Avenue from River Road to 4th Street. The master plan project will emphasize incorporating nature-based stormwater management solutions, enhancing ADA accessibility, and establishing a distinctive and memorable identity for this significant economic and historic corridor.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Design Phase: est. October 2025	Construction: N/A	N/A

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Regenerative Westwego: A Blueprint for Small Town Adaptation and Equity Westwego, LA City of Westwego Mayor Robert Billiot 504.347.5745	DBA participated in the GNOF Next 100 Years Challenge by crafting a grant application for the City of Westwego. This effort earned an honorable mention and secured \$40,000 to support further development of plans for the City. The proposal outlined a master plan for enhancing the 4th Street and Sala Avenue corridors, emphasizing nature-based stormwater solutions, street trees, pervious paving, and artful crosswalks.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2023	Construction: N/A	N/A

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Lazy River Landing Sala Avenue at River Road Westwego, LA City of Westwego Mayor Robert Billiot 504.347.5745	DBA was engaged by the City of Westwego to develop a perspective rendering to envision a future pedestrian crossing over River Road and develop new signage for the crossing.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2024	N/A	

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Gretna Downtown Stormwater Management Gretna, LA City of Gretna Amelia Pellegrin apellegrin@gretnala.com	As part of an effort to address flooding and improve pedestrian safety in Historic Downtown Gretna, DBA lead the design and construction of the project that reduces flood risk and enhances the public space outside Gretna City Hall. The project renovated over two acres, including the neutral ground and adjacent streets, removing 40% of impervious surfaces. DBA implemented green infrastructure features, including pervious paving, subsurface storage tanks, and tree cells, which together detain and filter over 14,600 cubic feet of stormwater runoff.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2020	Construction: \$2.1 M	\$2.1 M

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bayou Metairie Park 2713 Metairie Road Metairie, LA Jefferson Parish Council-at-Large Jennifer Van Vrancken 504.736.6615	DBA's design of Bayou Metairie Park addresses localized flooding in a rapidly developing commercial area of Metairie Road. Preserving this open green space in addition to installing permeable pavement and bioretention areas with water-loving native plants further increases the site's stormwater storage capacity. The park is a precedent for natural, multi-benefit stormwater management as well as an educational opportunity for the community. Additionally, the park serves as a gathering hub and functions as a traditional passive recreation space. This creates a sense of place for the community and improve every day and special event usability.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2021	Construction: \$509,000	\$509,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Westbank Expressway Median Improvements Highway 90 from Wayne Avenue to Terry Parkway Jefferson Parish Parkways Department Bryan Parks 504.349.5800	DBA was selected by Jefferson Parish to enhance 8 miles of open space beneath the elevated Westbank Expressway. The project improved surface-level intersections and the visual experience near the on/off ramps. Improvements included expanding planted areas with new vegetation, adding weathering steel walls with decorative rock, and implementing a branding strategy with curved walls and raised lettering at key intersections. The on/off ramps were upgraded with decorative rock to reduce maintenance, improving both aesthetics and safety by minimizing the time crews spent in high-risk areas.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2024	Construction: \$1.4 M	\$1.4 M

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Pontilly Stormwater Management New Orleans, LA City of New Orleans, DPW Meagan Williams 504.658.8420	DBA was part of the team commissioned to design the FEMA HMGP funded project that reduces flood risk for two low-income, minority neighborhoods that experience repetitive flood damage. The project substantially reduces localized flooding across the 900-acre area. DBA worked closely with the project engineers to analyze existing site conditions and to develop concepts to iteratively model the most hydrologically effective green infrastructure interventions. The project features various forms of green infrastructure facilities, including 38 stormwater lots; 13 blocks of bioswales; 90,500 square foot bioswale; and 24 bioretention cells in street basins at intersections.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2021	Construction: \$14.5 M	\$3.9 M

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
DPS01 Drainage & Green Infrastructure New Orleans, LA City of New Orleans Erika Boerr 504.658.8475	The DPS-01 project is designed to reduce flooding throughout eighth neighborhoods of New Orleans by upsizing pipes and incorporating green infrastructure. The project is funded by FEMA HMGP. DBA worked with project engineers to design a series of green infrastructure facilities that will reduce downstream flooding in some of the lowest elevations of the city. The green infrastructure will serve to intercept, filter, and store stormwater runoff where it lands, while promoting infiltration and therefore reducing subsidence. Green infrastructure facilities in the project include stormwater lots, street basins, pervious paver street gutters, bioswales, and subsurface storage tanks. Phase 1 of the project is currently under construction.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase 1 Construction: Est. July 2026	Phase 1 Construction: \$39.6 M	\$6.5 M

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Clearview Parkway-Earhart Expressway Interchange Improvements Clearview Pkwy. at Earhart Blvd Elmwood, LA 70123 Jefferson Parish Parkways Dept. Bryan Parks 504.349.5800	DBA was hired to develop conceptual design plans for the Clearview Parkway and Earhart Expressway interchange focusing around the existing retention ponds. The plans include native planting, gateway signage, and the re-naturalization of pond edges. These new site features were designed to comply with DOTD regulations while enhancing aesthetics and creating a sense of place at this heavily trafficked intersection that is a gateway into Elmwood.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Design Phase: est. March 2025	Construction: \$1.3 M (est)	\$1.3 M (est)

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bayou St. John Green Infrastructure Demonstration Project 3598 Orleans Avenue, New Orleans, LA Sewerage & Water Board New Orleans Grace Vogel gvoegel@swbno.org	DBA was hired by the Sewerage & Water Board to design a series of green infrastructure facilities that would reduce localized flooding and provide an educational space for residents and school children about how green infrastructure works and its benefits. The project features five types of green infrastructure, 50 new trees, educational signage, and a native prairie planting. Each of the green infrastructure types installed are being monitored for how they improve the quality of stormwater runoff from surrounding impervious surfaces. The site has the capacity to detain and filter over 13,000 cubic feet of stormwater runoff.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2022	Construction: \$217,300	\$217,300

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

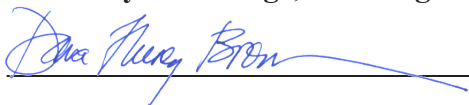
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

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

DBA is a professional landscape architecture and planning firm whose mission is to create beautiful and functional landscapes that respond to the ecology of the land and reflect the cultural heritage of the community. One of the firm's hallmarks is the intersection of design and science in all of our projects: developing a deep understanding of the project site and its context above and below ground, enabling us to design resiliently and sustainability specifically focused to the areas. DBA is well known in the region as the go-to landscape architecture firm for creative planning and design that is sustainable and resilient, as well as for meaningful engagement with stakeholders and the public, highly responsive client service, and meeting project schedules and budgets. Our portfolio of built works includes public and private urban design of plazas, parks, streetscapes, and green infrastructure.

DBA is a state certified Disadvantaged Women's Business Enterprise (WBE), SEDBE, SBA WOSB, SLDBE, and HANO DWBE. DBA is also certified through the Louisiana Economic Development Department's Hudson Initiative.

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

Signature:  Print Name: Dana Nunez Brown

Title: President Date: 2025.01.16

D. BFM CORPORATION, LLC

Subconsultant: Topographic Surveying

- **TEC Professional Services Questionnaire**

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Engineering Services for the
Sala Avenue Historic Distric Drainage Feasibility Analysis and Improvements Project

SOQ 25-005 | Resolution No. 145576

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:

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

504-468-8800 | 504-460-5239 cell | cpoche@bfmcorporation.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:

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

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

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

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

<u>4</u>	Administrative	<u> </u>	Estimators	<u> </u>	Specification Writers
<u> </u>	Architects (Licensed)	<u> </u>	Geologists	<u> </u>	Structural Engineers
<u> </u>	Chemical Engineers	<u>1</u>	Geotechnical Engineers	<u> </u>	Graduate Engineers
<u> </u>	Civil Engineers	<u> </u>	Interior Designers	<u>2</u>	Project Managers
<u> </u>	Construction Inspectors	<u> </u>	Landscape Architects	<u> </u>	Clerical (<i>see Administrative</i>)
<u> </u>	Ecologists	<u>1</u>	Land Surveyor (<i>Apprentice</i>)	<u> </u>	Grant/Funding Specialist
<u> </u>	Electrical Engineers	<u> </u>	Mechanical Engineers	<u> </u>	Sanitary Engineers
<u> </u>	Engineer Intern	<u> </u>	Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors	<u> </u>		<u>2</u>	<i>CADD Technicians</i>
				<u>5</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>22</u>	TOTAL

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

If marked “no”, skip to Section I. If marked “yes”, complete Sections G-H.

TEC Professional Services Questionnaire

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

1.
N/A

2.

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

YES_____ NO_____ N/A

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

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

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

22 (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:

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

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

- Mounes Street Subsurface Drainage (Phase IV, Dickory Ave to Elmwood Park Blvd), Jefferson Parish, LA
- Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA
- Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA
- Orange Lane Drainage Pump Station Project (Drainage Mapping), Grand Isle, Jefferson Parish, LA
- Bissonet Plaza Drainage Improvements (Phase 1, Elmwood Pkwy & Craig Ave), Jefferson Parish, LA
- Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA
- Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA
- Taft Park Pump Station and Drain Line Path, Jefferson Parish, LA
- West Bank Expressway, Phase I Drainage Map (Peters Rd to Manhattan Blvd), Jefferson Parish, LA
- Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA
- Paillet - Maplewood Drainage Improvements, Jefferson Parish, LA
- Jack & Bores Survey (Drainage Project), Waggaman, Jefferson Parish, LA
- Taft Park Pump Station and Drain Line Path, Jefferson Parish, LA
- Mazoue Ditch Improvements, Phase I, Jefferson Parish, LA
- Emergency Generators at 13 Pump Station Sites, Jefferson Parish, LA
- Oakwood/Terrytown Drainage Improvements, Jefferson Parish, LA
- Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA
- Orleans Village Subdivision Drainage Improvements, Jefferson Parish, LA
- Morton & Ingrid Pump Station, Jefferson Parish, LA
- Hoey's Canal Drainage Improvements (Deckbar Ave to Labarre Rd), Jefferson Parish, LA
- Drainage Pump Station, Veterans North & South, Right-of-Way, 17th Street Canal, Jefferson Parish, LA
- Mounes Subsurface Drainage Phase I, Jefferson Parish, LA
- Marlin Court Drainage Project, Jefferson Parish, LA
- Woodland West Drainage Improvements - Phase 2A, Vulcan Dr & Telestar St, Jefferson Parish, LA
- Sub-Basin 3 Proposed Improvements (Meadow St & Myrtle St), Bunche Village, Jefferson Parish, LA
- Avenue D Drainage Improvements, Jefferson Parish, LA
- Oakwood Terrytown Drainage Improvements (Carol Sue Drainage Improvements), Jefferson Parish, LA

TEC Professional Services Questionnaire

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

- West Bank Subsurface Drainage Improvement Program Ph II (Maplewood & Paillet), Jefferson Parish, LA
- Hillings Ditch/Drolla/Suave Road Drainage Improvements, Jefferson Parish, LA
- Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA
- Paillet Pump Station Access Road and Drainage Improvements, Jefferson Parish, LA
- Westgate Subdivision Subsurface Drainage Improvements, Jefferson Parish, LA
- Canal No. 17 Bank Stabilization Phase II, Jefferson Parish, LA
- Clearview Drainage Pump Station and St. Peter's Ditch, Jefferson Parish, LA
- Johnson Street Drainage Improvements (Phases I & II), Jefferson Parish, LA
- Hero Pump Station, Harvey, Jefferson Parish, LA
- West Bank Subsurface Drainage Improvement Project, Phase II, Bellemeade Boulevard to the Violet Canal Discharge, Jefferson Parish, LA
- Hilling Ditch Drainage Improvements, Jefferson Parish, LA
- Upper Kraak Pump Station, Jefferson Parish, LA
- Mason Ditch Drainage Improvements, Jefferson Parish, LA
- Hurricane Gustav Drainage Canal Repairs, East Bank, Jefferson Parish, LA
- Bannerwood Drainage Improvements, Jefferson Parish, LA
- Improvements to Bayou Segnette Drainage Pump Station No. 1, Jefferson Parish, LA
- Sena Drive Subsurface Drainage Improvements, Jefferson Parish, LA
- Drainage Improvements to the Canal No. 2 Culvert Crossing at California Avenue, Jefferson Parish, LA
- Kawanee Drive Drainage Improvements, Jefferson Parish, LA
- Mazoue Ditch Drainage Improvements Phase IV, Jefferson Parish, LA
- Mazoue Ditch Drainage Improvements (Rose Crest Lane to Darby Lane), Jefferson Parish, LA
- Breaux Ditch Improvements, East Ames Boulevard (Leo Kenner Parkway), Jefferson Parish, LA
- Manson Ditch (ICRR Ditch) Survey, Jefferson Parish, LA
- Drainage Improvements, Metairie Lawn to Labarre Drive, Jefferson Parish, LA
- Cleary Avenue & West Napoleon Lift Station & Force Main, Jefferson Parish, LA
- Canal #5 (West Metairie) Drainage Improvements, Williams Blvd to Waldo St, Jefferson Parish, LA
- Woodland West Subdivision Drainage Improvements, Marrero, Jefferson Parish, LA
- Earhart and Clearview Interchange Drainage Study, Jefferson Parish, LA
- Hickory Drainage Study, Jefferson Parish, LA
- Crown Point Drainage Flood Control Structures, Jefferson Parish, LA
- Gulizo Canal Drainage Improvements, Jefferson Parish, LA
- Bannerwood Drainage Improvements (Mt. Laurel Bridge & Oakwood Canal), Jefferson Parish, LA
- 18th Street Drainage Improvements (18th St; Division to West Esplanade Avenue), 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:

8 years (became partial owner of BFM in 2017);
32 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)**

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 involved a topographic survey of the project, extending from Dickory to Elmwood Park. Services provided by BFM included establishment of a baseline, setting TBMs, elevation surveys, locating improvements and utilities as well as natural elements, and /W surveying. (\$23,540 (fee); 2017)

Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA. BFM provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR). Scope 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 R/W 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)

Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the Allo Street project, which extended from 4th St. to 6th St. A baseline was established along the centerline of Allo Street, with TBMs 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)

Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA. BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA. BFM provided surveying services for the project which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue (located during a previous BFM survey). BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)

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:

7 years (joined BFM in 2018);
14 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)**

Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)

Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA. BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

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)

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)

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

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:

11 years (joined BFM in 2014); BFM Corporation, LLC | 2014 to present
19 years total (2006) 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.

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

TEC Professional Services Questionnaire

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

Goose Bayou Drainage Pump Station, Lafitte, Jefferson Parish, LA. BFM Corporation provided boundary and topographic surveying services for the project. The scope of services included obtaining available title data, supplemented with courthouse research. BFM located property corners to establish rights-of-way, setting a closed traverse around the site, establishing Temporary Benchmarks (TBM), taking elevations, and plotting the location of improvements and topographic features, both natural and man-made. The scope of services included producing cross sections and plotting spot elevations on paving or other hard surfaces. (\$11,905 (fee); 2016)

Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA. BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA. The project consists of a new storm water pumping station on the intersection of Orange Lane at Orleans Avenue in Grand Isle, Louisiana. The scope of services includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area. (\$32,280 (fee); 2020)

Fulton Street Pump Station, Jefferson Parish, LA. BFM Corporation provided boundary with topographic survey for the Fulton Street Pump Station project. The scope of services included establishing horizontal control, setting Temporary Benchmarks, and plotting the location of improvements & topographic elements (man-made and natural). BFM also determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established. For the topographic survey, spot elevations did not exceed a 25-foot grid within the Limits of Survey and included bottom of canal elevations along adjacent wall. (\$11,890 (fee); 2017)

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)

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:	
17 years (joined BFM in 2008); 18 years total (2007)	<i>BFM Corporation, LLC 2008 to present</i> <i>Delle Land Surveying 2007 to 2008</i>
Education: Degree(s)/Year/Specialization:	
Certificate, 2015, Land Surveying Services B.S., 2007, Physical Education, Trevecca Nazarene University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Phil Thayer serves as BFM's Procurement Director, providing proposal preparation and Project Management Support, having considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.</p> <p>Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA. BFM Corporation provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)</p> <p>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)</p> <p>Avenue D Drainage Improvements, Jefferson Parish, LA. BFM provided topographic surveying for the project. (SP 576-26-0028) (\$25,195 (fee); 2009)</p>	

TEC Professional Services Questionnaire

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

Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA. BFM provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. Scope included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering & construction work) from gutter line to gutter line along Metairie Road from the westerly apparent R/W of Causeway Blvd. 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)

Levee Intake Pump Station Cell Inspection at the New East Bank Water Treatment Plant, Jefferson Parish, LA. BFM Corporation was selected by Jefferson Parish to provide a cell inspection survey for the project. Diving services were subcontracted to Specialty Diving of Louisiana, with BFM personnel supervising all data collection and resultant underwater 3D scanning (Teledyne BlueView BV5000, 3D Mechanical Scanning Sonar). (\$8,175 (fee); 2023)

Veterans Boulevard Pump Station, Metairie, Jefferson Parish, LA. BFM executed a Survey Control Verification for the project; scope included locating and verifying the horizontal and vertical control points from a previous BFM surveying project (2013/2014); a minimum of 2 horizontal and 1 vertical control points were to be provided per site. Project deliverables included a detailed indelible print with an aerial background image clearly showing point location, Northing, Easting, elevation, and description, and a high-resolution PDF of the document. (\$2,975 (fee); 2023)

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM provided Route Topographic Surveying services for a proposed drainage servitude project which built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

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 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)

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:	
16 years (joined BFM in 2009); 28 years total (1997)	<i>BFM Corporation, LLC 2009 to present</i> <i>Fluor Corporation 2007 to 2009</i> <i>Geographic Computer Technologies, LLC 2000 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Dawn Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with researching in various parishes and cities.</p> <p>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)</p> <p>Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA. BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)</p>	

TEC Professional Services Questionnaire

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

Westwego Drainage Pump Station No. 1, Jefferson Parish, LA. BFM Corporation provided services for a Limited Topographic Survey at the project site, Westwego Drainage Pump No. 1. The scope of services first re-established Site Horizontal and Vertical control, as these were established as part of a previous BFM project (BFM No. 9730). Services next included locating existing improvements within the designated Limits of Survey, taking elevations and cross sections, and verification of piping and utilities. (\$4,725 (fee); 2018)

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)

Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA. BFM Corporation provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)

Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA. The project consists of a new storm water pumping station on the intersection of Orange Lane at Orleans Avenue in Grand Isle, Louisiana. The scope of services includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area. (\$32,280 (fee); 2020)

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Brandon Silva
Professional Surveyor Apprentice

Project Assignment:

Surveyor Apprentice

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

3 years (joined BFM in 2022);
3 years total (2022)

BFM Corporation, LLC | 2022 to present

Education: Degree(s)/Year/Specialization:

B.A., 2023, Geomatics, Nicholls State University
Currently attending UNO in Civil Engineering Program

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Brandon Silva is a Professional Surveyor Apprentice with BFM Corporation. He executes services as a Surveyor-in-Training, assisting in Field Crew Supervision and Project Management. Mr. Silva also specializes in Laser Scanning and Drone Surveying. Project experience includes all manner of topographic, route, lot, and construction layout surveys, as well as Point Cloud Processing and serving as Data QA/QC Manager. His software experience includes AutoCAD and ArcGIS Pro, and is versatile in Survey Data Processing Applications.

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)

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)

TEC Professional Services Questionnaire

Other experience and qualifications: **Brandon Silva (continued)**

EAT Fat City Center and Transportation Hub Project (Resubdivision), Metairie, Jefferson Parish, LA. BFM Corporation prepared a Resubdivision Survey for the EAT Fat City Center and Transportation Hub Project in Metairie, LA. The first phase of this two-phase project included provision of a boundary survey (as per Louisiana Administrative Code) and included multiple lots on both Division Street and Hessmer Avenue in both the Simone Garden and Hemmer Farms subdivisions. Phase 2 of the project included resubdivision of said lots into three lots-of-record as per Jefferson Parish directive, and involve establishing baseline, setting Construction Benchmarks, location of improvements and utilities as well as trees, and taking spot elevations. In addition to the plan and baseline profiles (AutoCAD), BFM provided a Three-Point Tie Worksheet, as well as Construction Benchmarks and Metes-and-Bounds Legal Descriptions for each new lot of record. (\$53,950 (project fee); 2023)

Coquille Detention Pond, St. Tammany Parish, LA. BFM provided topographic, boundary, and HEC-RAS surveying services. Scope included establishing a baseline and TBMs. All topographic surveys include deliverables in GRID coordinates, both AutoCAD DWG files and Point Files. All outfall pipes into channels were measured at the flowlines on both the outfall and the collector. The Existing Channel element included a survey of the approx. 1,600 LF existing channel (Soap & Tallow Branch Tributary). For the Non-Channel element, the topographic survey included detention ponds, constructions sites, facilities design, and other areas of this type. The HEC-RAS Modeling element included cross-sections and located all major grade breaks, flowline, manmade features, drainage structures within channel banks, channel confluences, culverts bridges, piers, abutments, and other elements. (\$182,140 (fee); 2024)

FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA. BFM Corporation 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. (\$3,000 (fee); 2024)

Fire Station 38, City of Kenner, LA. BFM prepared a survey update for the project (Square 104, University City Subdivision), which built upon a previous survey executed by BFM in 2019. Scope included establishing a baseline throughout the project site, locating the surcharge area, taking spot elevations within the Limits of Survey, which extended 10 ft. around the area of the surcharge. Project deliverables included indelible prints, a high-resolution PDF, a Three-Point Tie Worksheet, and a CSV file containing the points collected during this survey. (\$4,925 (fee); 2024)

St. Ville Elementary School (formerly Helen Cox High School) Surveying Services, Harvey, Jefferson Parish, LA. BFM provided surveying services for the project site, including an Elevation Survey with Construction Benchmark (CBM), locating the exterior of the existing gymnasium, and preparing an Elevation Survey with spot elevation for differential settlement changes. Boundary and topographic survey was executed, establishing a new CBM and Temporary Benchmark (TBM) on site. Utilities were located. A Route Topographic & Right-of-Way Survey was executed establishing baseline, TBMs, and locating existing improvements as well as above-ground & underground utilities and drainage, sewerage, & water structure pipes. Property corners were located to establish right-of-way and servitudes/easements. (\$45,500 (cumulative fee); 2024)

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:

14 years (joined BFM in 2011);

34 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.

Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA. BFM Corporation provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)

Oakwood Terrytown Drainage Improvements (HMGP) (Carol Sue Drainage Improvements), Jefferson Parish, LA. BFM provided topographic surveying services for the project. (JP PW 200-062-DR) (\$23,581 (fee); 2011)

TEC Professional Services Questionnaire

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

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)

Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA. The project consists of a new storm water pumping station on the intersection of Orange Lane at Orleans Avenue in Grand Isle, Louisiana. The scope of services includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area. (\$32,280 (fee); 2020)

Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)

Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA. BFM Corporation provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. The full scope of the project also included research of public land records; location of property corners; establishing a baseline along the rear property line and; establishing Temporary Benchmarks. Existing improvements were located, as well as visible above ground utilities and those underground utilities with visible surface evidence. The survey further determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. Trees were also located. Spot elevations were taken at 50-foot intervals within the Limits of Survey. (\$89,780 (fee); 2020)

Brewster Road Subsurface Drainage Improvements & Proposed Detention Pond, St. Tammany Parish, LA. BFM provided multiple surveying services (including Boundary, Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the project. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), limits of all properties, and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way. (\$203,320 (fee); 2020)

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:

7 years (joined BFM in 2018);
40 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.

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)

TEC Professional Services Questionnaire

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

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)

Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (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), 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)

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)

North Arnoult Drainage Pump Station Improvements, Jefferson Parish, LA. Project involved a boundary with topographic survey, establishing a baseline parallel to the right-of-way. Points of intersection set were referenced by 3-point ties to topographic features in the area. Two TBMs were established. Existing improvements were located, including utilities, piping, and natural elements. Building corners within the limits of survey were also located, as were property corners in order to determine the rights-of-way and property boundary limits. (\$6,870 (fee); 2019)

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

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:

35 years (joined BFM in 1990);
40 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).

Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA. BFM provided surveying services; the scope consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)

Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA. BFM provided Route Topographic Surveying services for a proposed drainage servitude project which built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included

TEC Professional Services Questionnaire

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

establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

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)

Veterans Boulevard Pump Station, Metairie, Jefferson Parish, LA. BFM executed a Survey Control Verification for the project; scope included locating and verifying the horizontal and vertical control points from a previous BFM surveying project (No. 8244; 2013/2014); a minimum of 2 horizontal and 1 vertical control points were to be provided per site. Project deliverables included a detailed indelible print with an aerial background image clearly showing point location, Northing, Easting, elevation, and description, and a high-resolution PDF of the document. (\$2,975 (fee); 2023)

Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (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)

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)

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:

11 years (joined BFM in 2014);
24 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.

Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA. BFM Corporation provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)

TEC Professional Services Questionnaire

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

Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA. BFM Corporation provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. The full scope of the project also included research of public land records; location of property corners; establishing a baseline along the rear property line and; establishing Temporary Benchmarks. Existing improvements were located, as well as visible above ground utilities and those underground utilities with visible surface evidence. The survey further determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. Trees were also located. Spot elevations were taken at 50-foot intervals within the Limits of Survey. (\$89,780 (fee); 2020)

Brewster Road Subsurface Drainage Improvements and Proposed Detention Pond, St. Tammany Parish, LA. BFM provided multiple surveying services (including Boundary, Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the project. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), limits of all properties, and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way. (\$203,320 (fee); 2020)

West Causeway Approach Bike Path Drainage Study, City of Mandeville, St. Tammany Parish, LA. BFM executed a Route Topographic Survey for the project area. Scope included establishing a baseline parallel to the street; establishing temporary benchmarks (TBMs) along the project baseline; locating existing improvements with the designated Limits of Survey; locating existing above-ground and underground utilities. BFM also researched available location data from controlling agencies. Cross sections were taken on a 100 ft. grid within the Limits of Survey. BFM also provided surveying services to provide a Drainage Area Map for the project. The scope of services included establishing Vertical Control and the location of existing drainage structures. (\$16,720 (fee); 2018)

River Glen Drainage Project (FEMA Letter of Map Revision Survey), St. Tammany Parish, LA. BFM Corporation provided surveying services to provide a FEMA Letter of Map Revision Survey for the River Glen Drainage Project and involved surveying of multiple private properties within the project limits. For the initial task, BFM's surveying services verified as-built elevation data on the drainage improvements performed in the River Glen Drainage Improvements construction project plans dated 2018 June 26 and updated previous BFM Project No. 8820 to reflect the drainage improvements completed. All field survey data and deliverables adhered to published FEMA standards. The next task included surveying of cross-sections of drainage ways and crossings within the western drainage sub-basin in the vicinity of Branch Crossing Drive and Airport Road (Study Basin 56). Overall, the survey included over 200 Cross Section locations and over 3 dozen Drainage Structure locations. (\$102,895 (fee); 2021)

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:
Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, Louisiana APTIM 2424 Edenborn Avenue Suite 450 Metairie LA 70001 Gene S. Gillen, P.E., 504-832-4881 info@aptim.com	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.
Completion Date (Actual or estimated:)	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
December 2017	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">N/A</div> <div style="width: 45%; text-align: center;">\$23,540 (fee)</div> </div>

PROJECT NO. 2

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 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:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
May 2020	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">N/A</div> <div style="width: 45%; text-align: center;">\$18,350 (fee)</div> </div>

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Avenue D Drainage Improvements (Phase VIII: Allo Street) , Metairie, Jefferson Parish, Louisiana Hartman Engineering, Inc. 527 W Esplanade Ave Ste 300 Kenner LA 70065 Jared Monceaux, P.E. , 225-313-4617 jmonceaux@harteng.com	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.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2019	N/A	\$12,855 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Orange Lane Drainage Pump Station Project (Drainage Mapping) , Grand Isle, Jefferson Parish, Louisiana AIMS Group, Inc. 4421 Zenith Street Metairie LA 70001 Lowell Pitré, P.E. , 504-887-7045 lip@aimsgroupinc.com	The project consists of a new storm water pumping station on the intersection of Orange Lane at Orleans Avenue in Grand Isle, Louisiana. The scope of services includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2020	N/A	\$32,280 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Bissonet Plaza Drainage Improvements (Phase 1, Elmwood Parkway and Craig Avenue), Metairie, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst St. Ste. B Metairie LA 70001 Ana Theriot, P.E., 504-885-9892	BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2020	N/A	\$7,980 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, Louisiana Professional Engineering & Environmental Consultants, Inc. 1065 Muller Pkwy Ste B Westwego LA 70094 Jeffrey P. Meyers, P.E., 225-268-6925 jeff@peecinc.com	BFM provided Route Topographic Surveying services for a proposed drainage servitude project which built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2022	N/A	\$11,875 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Central Avenue Roadway Drainage & Water Main Improvements , Jefferson Parish, Louisiana Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd Ste 906 Jefferson LA 70123 Neil Schneider , 504-736-6833 nschneider@jeffparish.net	BFM provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2023	N/A	\$2,850 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Taft Park Pump Station and Drain Line Path , Jefferson Parish, Louisiana Burk-Kleinpeter, Inc. 4176 Canal Street New Orleans LA 70119 Mr. Rhett Mouton, E.I. , 504-483-6271	BFM executed Topographic Surveying services involving location & elevations of the drainage structures for monitoring of the Taft Park Pump Station. The survey encompassed the area extending from 33rd Street (Vernon Street) to West Napoleon Avenue. The scope included establishing a project baseline that could be recovered for construction; elevations & spot elevations, and; cross sections. The survey also plotted the location of improvements within the designated limits of survey.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2009	N/A	\$23,531 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Broadmoor Neighborhood Roadway & Drainage Project , City of New Orleans, Louisiana CDMSmith, Inc. 1515 Poydras Street, Suite 1000 New Orleans LA 70112 Jessica Watt , 504-799-1100 WattsJL@cdmsmith.com	BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2017	N/A	\$1,052,171 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Brewster Road Subsurface Drainage Improvements and Proposed Detention Pond , St. Tammany Parish, Louisiana N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Fred Mortali, P.E. , 985-422-8331 fmortali@n-yassociates.com	BFM provided multiple surveying services (including Boundary, Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the project. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), limits of all properties, and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2020	N/A	\$203,320 (fee)

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, provides services to public & private concerns throughout Louisiana and the Gulf South. For over 40 years, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic and hydrographic, as well as drone-based surveying, LiDar and photogrammetry, and high-definition laser scanning. BFM further offers a complete Builder's Package (featuring boundary survey and certificates for construction benchmark (CBM), form board, top-of-slab, and final FEMA elevation) as well as construction layout and stakeout services for any construction project, large or small.

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

TEC Professional Services Questionnaire

N. continued.

- Maps, Cross-Sections, & Data Sets; Benchmarks
- 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 nearly 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 CDBG PROJECTS

BFM Corporation completes hundreds of projects throughout the year and for a multitude of private and governmental entities; however, as a sub-consultant, our clients do not divulge funding sources at the time of contract & services and, as such, we do not track this information.

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.

TEC Professional Services Questionnaire

N. continued.

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, Public Works Department, Jefferson Parish

(504-736-6783 | JPPW@jeffparish.net)

Angela DeSoto, P.E., Director, Engineering Department, Jefferson Parish

(504-736-6511 | ADeSoto@jeffparish.net)

Ben Lepine, Acting Director, Drainage Department, Jefferson Parish

(504-736-6751 | JPDrainage@jeffparish.net)

Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish

(504-736-6783 | JPPW@jeffparish.net)

Sid Trouard, P.E., Program Manager, Sewerage Capital Improvement Program, Jefferson Parish

(504-736-6386 | STrouard@jeffparish.net)

José A. Gonzales, CAO, City of Kenner

(504-468-4090 | jgonzalez@kenner.la.us)

Khalid L. Saleh, PhD, Capital Program Administrator, New Orleans Public Works Dept.

(504-658-8000 | khsaleh@nola.gov)

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: January 15, 2025

E. GULF SOUTH ENGINEERING & TESTING, INC.

Subconsultant: Geotechnical Engineering

- **TEC Professional Service Questionnaire**



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Engineering Services for the
Sala Avenue Historic Distric Drainage Feasibility Analysis and Improvements Project

SOQ 25-005 | Resolution No. 145576

B. Firm Name & Address:



Gulf South Engineering and Testing, Inc.
 15 Veterans Memorial Boulevard | Kenner LA 70062

C. Name, title, and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

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

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

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

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline:

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

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

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

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

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

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

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

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
1. N/A		
2.		
H. Has this JOINT-VENTURE previously worked together? Please check: YES _____ NO _____ N/A		
I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of the Project: 30 (all personnel will be available for assignment to the project)		

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Geotechnical Engineer / Principal In Charge

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

14 years (founded Gulf South in 2011);
32 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.

Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three 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 field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)

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)

Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA. Geotechnical investigation for drainage improvements on S. Jamie Boulevard in Avondale, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet, lab testing, and engineering analyses including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction procedures and recommendations. (\$7,000 (fee); 2018)

Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA. Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (including allowable soil bearing values, bedding and backfill recommendations), estimates of settlement, pavement design recommendations, and general construction recommendations. (\$8,500 (fee); 2017)

David Dr. Drainage Improvements (W. Esplanade Avenue to Bruin Drive), Jefferson Parish, LA. 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. (\$7,500 (fee); 2015)

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Bryson S. Beard, EIT, ACI Associate Geotechnical Engineer/Field Engineer	
Project Assignment:	
Associate Geotechnical Engineer/Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
3 years (joined Gulf South in 2022); 4 years total (2021)	<i>Gulf South Engineering and Testing, Inc. 2022 to present</i> <i>TetraTech, Inc. 2021 to 2022</i>
Education: Degree(s)/Year/Specialization:	
B.S., Geological Engineering (2021; University of Mississippi)	
Active Registration: Year first registered/discipline:	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
Other experience and qualifications relevant to the proposed Project:	
<p>Bryson S. Beard, EIT, is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling.</p> <p>Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</p> <p>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three 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 field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)</p>	

TEC Professional Services Questionnaire

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

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)


Kinler & Paul Fredrick Roadway & 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 (five borings within each roadway to a depth of 10 feet below the pavement surface). 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)

Midway at Soniat Canal Pump Station Elevator Generator Platform (Silver Oak Lane), Harahan, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new elevated generator platform at the Midway Soniat Canal pump station off Silver Oak Lane in Harahan, LA. Gulf South's scope of services includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$7,500 (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)

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Joseph H. “Trey” Binder, III, ACI Laboratory Manager	
Project Assignment:	
Laboratory Manager; Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years’ experience with this Firm:	
14 years (joined Gulf South in 2011); 14 years total (2011)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 2006 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., General Studies (2006; Nunez Community College)	
Active Registration: Year first registered/discipline:	
HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician	
Other experience and qualifications relevant to the proposed Project:	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. Study included drilling three soil test borings and the performance of soil mechanics lab tests to evaluate the soil’s physical characteristics. Engineering analyses were made and based on field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)</p> <p>Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA. Geotechnical investigation for drainage improvements on S. Jamie Boulevard in Avondale, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet,</p>	

TEC Professional Services Questionnaire

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

lab testing, and engineering analyses including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction procedures and recommendations. (\$7,000 (fee); 2018)

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)

David Dr. Drainage Improvements (W. Esplanade Avenue to Bruin Drive), Jefferson Parish, LA. 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. (\$7,500 (fee); 2015)


Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA. Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (including allowable soil bearing values, bedding and backfill recommendations), estimates of settlement, pavement design recommendations, and general construction recommendations. (\$8,500 (fee); 2017)

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)

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)

Drainage Improvement to North Sibley Drive at West Napoleon Avenue, Metairie, Jefferson Parish, LA. Gulf South executed a geotechnical investigation for new below grade wet well, approx. 15 - 20 feet deep. Drilled one boring to 80 feet at site and provide laboratory testing and geotechnical engineering analyses (soil bearing values, bedding, and backfill, pile capacities, settlement, construction recommendations, etc.). (\$4,500 (fee); 2012)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Eric A. Paille, C.E.T., ACI Construction Services Manager	
Project Assignment:	
Construction Services Manager	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
14 years (joined Gulf South in 2011); 37 years total (1988)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 1988 to 2007</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
<i>ACI-I Field Technician (since 1991; No. 929012)</i> <i>Certified Engineering Technician (since 1992)</i> <i>Nuclear Gauge Safety Training (since 1994; No. 061321)</i> <i>Pile Driving Analyzer/CAPWAP, OSHA 40 HAZWOPER</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Eric A. Paille, C.E.T., ACI, serves as Gulf South's Construction Services Manager as well as the manager of Gulf South's Gonzales, LA office. He has experience as a technician, inspector, and testing manager, and is knowledgeable in all aspects of construction materials testing and construction inspection. Mr. Paille has performed all applicable field and soil tests over the past 30+ years. In addition, he is certified in the safe use and handling of the nuclear density gauge. He received PDA training in 2003 and has knowledge of PDA testing along with significant experience with pile driving analyzers. Mr. Paille is one of the most knowledgeable people in our industry.</p> <p>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)</p> <p>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))</p>	

TEC Professional Services Questionnaire

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

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)

Idaho Drainage Improvements, City of Kenner, LA. Gulf South performed field and laboratory testing during construction of the project. Scope of work included soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$7,500 (fee); 2017)

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)

Academy Drive Development – New Roadway & Infrastructure Improvements, City of New Orleans, LA. Geotechnical investigation for new subdivision infrastructure improvements which consist of new roadways and subsurface sewer and drainage. Gulf South drilled 3 borings to 10 feet in depth and perform laboratory testing and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, rigid paving design recommendations, and general construction recommendations. (\$3,500 (fee); 2013)


Northbound Manhattan Boulevard Widening, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

Drainage Improvement to North Sibley Drive at West Napoleon Avenue, Metairie, Jefferson Parish, LA. Gulf South executed a geotechnical investigation for new below grade wet well, approx. 15 - 20 feet deep. Drilled one boring to 80 feet at site and provide laboratory testing and geotechnical engineering analyses (soil bearing values, bedding, and backfill, pile capacities, settlement, construction recommendations, etc.). (\$4,500 (fee); 2012)

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)

New Channel and Roads for Fish Bayou Control Structure (Alligator Bayou Road), Ascension Parish, LA. Geotechnical engineering services for the construction of a flood control structure and paved roadway improvements along Alligator Bayou Road within Ascension Parish, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 6 & 30 feet below the ground surface, laboratory testing, engineering analyses (pavement recommendations and slope stability analyses) and general construction procedures and recommendations. (\$7,900 (fee); 2021)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Brandon A. Paille, ACI Construction Materials Testing (CMT) Supervisor/Project Manager	
Project Assignment:	
Construction Materials Testing (CMT) Supervisor/Project Manager	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
13 years (joined Gulf South in 2012); 15 years total (2010)	<i>Gulf South Engineering and Testing, Inc. 2023 to present</i> <i>Ascension Parish Sheriff's Office 2016 to 2023</i> <i>Gulf South Engineering and Testing, Inc. 2012 to 2016</i> <i>Ardaman and Associates, Inc. 2010 to 2012</i>
Education: Degree(s)/Year/Specialization:	
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:	
<p>Brandon A. Paille, ACI has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, hydrometers, Atterberg limits, organic contents, moisture contents, proctor compaction tests, sieve analyses, as well as extrusion of samples. Mr. Paille's field experience includes soil inspection and testing consisting of nuclear density testing, soil boring logging, concrete testing and inspections, timber and precast pile logging and vibration monitoring. In Mr. Paille's years in the construction materials testing industry, he has obtained a vast amount of knowledge and experience which makes him an integral part of our Gulf South Team.</p> <p>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); 2024)</p> <p>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)</p>	

TEC Professional Services Questionnaire

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

Papworth Avenue and Rose Street Wet Well, 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. (\$2,000 (fee); 2023)

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))

Northbound Manhattan Boulevard Widening, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

Upper Barataria Risk Reduction Segment 2 - Sunset Levee & Des Allemands Boat Launch, Lafourche Basin Levee District, St. Charles 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. Part of CPRA Project BA-0220. (\$200,000 (fee); ongoing)

Materials Testing Services for the Milan Group A (RR129) Project, 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 asphalt inspection, backfill compaction testing, concrete testing, soil density tests, and earthwork inspection and testing. (\$77,000 (fee); ongoing)

As-Needed Materials Testing Services at the Louisiana International Terminal, Violet, St. Bernard Parish, LA. Gulf South provided as-needed construction materials testing and inspection during construction of the Port of New Orleans' new \$1.8 billion container terminal project. Project elements have included vibration and noise monitoring, notably in the vicinity of the W. Smith Junior Elementary School. (\$45,000 (fee); 2024)

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)

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)

Improvements to Sewer Lift Station M-11-3 (13th & Farrington) and Force Main, Marrero, Jefferson Parish, LA. Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services backfill compaction testing, concrete testing, soil density tests, earthwork inspection and testing, pile inspection and modeling, and vibration monitoring. (\$15,000 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Tyler W. Pregeant, ACI Graduate Geotechnical Engineer	
Project Assignment:	
Engineering Technician; CMT/Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
6 years (joined Gulf South in 2019); Gulf South Engineering and Testing, Inc. 2019 to present 8 years total (2017)	
Education: Degree(s)/Year/Specialization:	
High School Diploma Currently attending UNO in Civil Engineering Program	
Active Registration: Year first registered/discipline:	
ACI Concrete Field Testing Technician - Grade I (02206931)	
Other experience and qualifications relevant to the proposed Project:	
<p>Tyler Pregeant, ACI, serves as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.</p> <p>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)</p> <p>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)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Tyler W. Pregeant, ACI (continued)**

Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three 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 field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)

Kinler & Paul Fredrick Roadway & 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 (five borings within each roadway to a depth of 10 feet below the pavement surface). 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)

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); 2024)


Northbound Manhattan Boulevard Widening, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (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)

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)

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)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Ian Kerner Poché, ACI Assistant Laboratory Supervisor	
Project Assignment:	
Assistant Laboratory Supervisor	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
<div style="display: flex; justify-content: space-between;"> 8 years (joined Gulf South in 2017); 8 years total (2017) <i>Gulf South Engineering and Testing, Inc. 2017 to present</i> </div>	
Education: Degree(s)/Year/Specialization:	
<i>High School Diploma</i>	
Active Registration: Year first registered/discipline:	
<i>ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03)</i> <i>ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p>Lake Cataouatche Drainage Pump Station Replacement (Chighizola Lane), Grand Isle, Jefferson Parish, LA. Geotechnical engineering services for the construction of a replacement Lake Cataouatche drainage pump station at the end of Chighizola Lane in Grand Isle. Gulf South's scope includes drilling one undisturbed soil borings to a depth of 80 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. Pump station is close to a USACE floodwall so coordination and geotechnical engineering analyses were required to show the new pump station would not adversely affect the integrity of the floodwall. (\$7,500 (fee); 2020)</p> <p>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three 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 field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)</p>	

TEC Professional Services Questionnaire

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

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)

Kinler & Paul Fredrick Roadway & 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 (five borings within each roadway to a depth of 10 feet below the pavement surface). 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)

Northbound Manhattan Boulevard Widening, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

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)

Bayou Des Allemands Gate, Upper Barataria Risk Reduction Program Segment 3, St. Charles Parish, LA. Geotechnical investigation for construction of a new swinging barge gate structure within the UBRR flood protection/risk reduction system in St. Charles Parish, LA. Gulf South's scope includes drilling undisturbed soil borings (1 at 200 ft., 2 at 120 ft., 1 at 100 ft.), lab testing (including consolidation tests), and engineering analyses including site/soil characterization, global/local SSA for floodwalls, levee tie-ins, and floodgates, seepage analyses for sheetpile walls, settlement/downdrag analyses, unbalanced forces for structures, pile load capacities, pile foundation load-deflection relationship, estimates of settlement, ground improvement recommendations, and general construction procedures and recommendations. One boring was performed over water; the remaining borings were performed over land. (\$145,885 (fee); 2021)

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and all work performed for Jefferson Parish. Please attach additional pages if necessary.		
PROJECT NO. 1		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, Louisiana ECM Consultants, Inc. 4409 Utica Street Suite 200 Metairie LA 70006 Sunina Shrestha, P.E., 504-885-4080 sshrestha@ecmconsultants.com	Gulf South prepared a Geotechnical Exploration Report for the three-phase project which consisted of drainage improvements along Veterans Boulevard and Bonnabel Boulevard in Metairie, LA. This included the installation of a below grade 8 ft. deep by 10 ft. wide box culvert. We understand the scope of Phase 1 is approximately 1,200 lf of improvements from Veterans Canal to the first U-Turn at Bonnabel Boulevard. The study included drilling three soil test borings (depths of 20 and 25 ft) utilizing truck-mounted drilling rigs 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.	
Completion Date (Actual or estimated:)	Estimated Cost:	
August 2024	Entire Project: N/A	Work for which Firm was Responsible: \$6,500 (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:	
January 2021	Entire Project: N/A	Work for which Firm was Responsible: \$8,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Drainage Infrastructure Improvements, South Avondale Subdivision , Avondale, Jefferson Parish, Louisiana Phoenix Global Construction 2901 Independence St Ste 103 Metairie LA 70006 Jack Lo , 504-883-9021 phoenixglobal@bellsouth.net	Geotechnical investigation for drainage improvements on S. Jamie Boulevard in Avondale, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet, lab testing, and engineering analyses including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2018	N/A	\$7,000 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Drainage Improvements, Citrus Road & Greg Court , Metairie, Jefferson Parish, Louisiana Buchart Horn 18163 E Petroleum Drive, Suite A Baton Rouge LA 70809 Alan Krouse, P.E. , 225-308-2009 akrouse@bucharthorn.com	Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (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:
May 2017	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:	
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.heyman@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)

TEC Professional Services Questionnaire

PROJECT NO. 7		
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)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Kinler & Paul Fredrick Roadway & Drainage Improvements, Luling, St. Charles Parish, Louisiana EJES Inc. 2626 Canal Street, Suite 202 New Orleans LA 70119 Paul Foley, P.E., 504-218-7103 pfoley@ejesinc.com	Geotechnical investigation for paved roadway improvements for two streets in Luling, LA. Scope included drilling a total of 10 undisturbed soil borings. Geotechnical laboratory testing was performed 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.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2022	N/A	\$7,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Brewster Road/LA 1077 Drainage Improvements , Madisonville, St. Tammany Parish, Louisiana N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Fred Mortali, P.E. , 504-885-0500 fmortali@n-yassociates.com	Geotechnical engineering services for a drainage improvements project 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. Gulf South provided design recommendations for net allowable soil bearing values, estimates of settlement, bedding and backfill, slope stability analyses, and lateral earth pressures.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2022	N/A	\$20,000 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Drainage Upgrades and Green Infrastructure Improvements, Hagan Avenue & Lafitte Avenue , City of New Orleans, Louisiana City of New Orleans Department of Public Works 1300 Perdido Street, Suite 6W02 New Orleans LA 70112 Jennifer Larmeu, P.E. , 504-658-8000 jjlarmeu@nola.gov	Geotechnical investigation for new drainage upgrades and green infrastructure improvements between Hagan & Lafitte Avenues (to Orleans Avenue and Broad Street) in New Orleans, LA. Gulf South's scope includes drilling 13 soil borings with five borings to a depth of 30 feet and eight to a depth of 20 feet below existing paved/ground surface, laboratory testing, and engineering analyses for net allowable soil bearing values, estimates of settlement, bedding and backfill recommendations, lateral earth pressures, rigid and/or flexible pavement design recommendations, infiltration/permeability rates of near-surface soils, and general construction procedures and recommendations. Phase 2 includes piezometer well installations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2016	N/A	\$21,799 (fee)

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div>Gulf South Engineering and Testing, Inc. is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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



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 30 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 accredited and USACE validated.

Please refer to our projects noted in our personnel listings in Item K as well as the representative projects shown in Item L for specific project examples and an overview of our project experience with Jefferson Parish.

TEC Professional Services Questionnaire

N. continued.

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.

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

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.**

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.

TEC Professional Services Questionnaire

N. continued.

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
- 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.

CRITERIA 2 | SIZE OF FIRM

At 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

Gulf South has the manpower and equipment to expeditiously complete any task order assigned under this contract. The tasks which would be assigned under this contract are the types of projects we perform and complete each day. Gulf South is thoroughly familiar with the specialized and unique geotechnical and CMT needs required for the projects that may be issued under this contract.

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,

TEC Professional Services Questionnaire

N. continued.

coupled with our headquarters being nearby, will allow for assignment of key personnel shortly after any project is assigned.

Gulf South will provide all services in a safe and timely manner. We will coordinate with the Port's Project Manager(s) on a regular basis to keep them informed and to coordinate our schedule, work, and deliverables. We guarantee that every project or task assigned to this contract will be given high priority, be done efficiently, and completed accurately, on time, and within budget.

CRITERIA 4 | PAST PERFORMANCE ON CDBG PROJECTS

Gulf South completes hundreds of geotechnical and construction materials testing projects throughout the year. As a subconsultant, our clients do not divulge funding sources at the time of contract & services and, as such, we do not track this information. A majority of our projects are through the design-bid-build process. We have participated in CMAR and design—build projects but at a much less frequent rate than traditional design-bid-build.

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.

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:

TEC Professional Services Questionnaire

N. continued.

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

Ben Lepine, P.E., 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)

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

Daniel P. Hill, P.E., Director, St. Tammany Parish Department of Engineering
(985-898-2552 | engineering@stpgov.org)

Eric Poché, Director, Ascension Parish Planning and Zoning Department
(225-450-1366 | eric.poché@apgov.us)

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)

Khalid L. Saleh, PhD, Capital Program Administrator, Public Works Dept., City of New Orleans
(504-658-8000 | khsaleh@nola.gov)

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: January 14, 2025



F. ADDITIONAL DOCUMENTS

- Firms Licensure
- Letters of Recommendation
- Planning Awards

FIRMS LICENSURE

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



DANA BROWN & ASSOCIATES, INC. LICENSES

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3002, Baton Rouge, LA 70806, (225) 952-8100, FAX (225) 925-3760

Be it known, that effective 2/1/2024 through 1/31/2025 having complied with all relevant requirements of the Louisiana Revised Statutes, the individual named below is hereby licensed in the following profession(s):

LICENSE(S): LANDSCAPE ARCHITECT

24-0010

B-360

DANA N BROWN
1836 VALENCE ST
NEW ORLEANS LA 70115-5554



Commissioner

DISPLAY IN A PROMINENT PLACE.

LDAF ID: 121790

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3002, Baton Rouge, LA 70806, (225) 952-8100, FAX (225) 925-3760

Be it known, that effective 2/1/2024 through 1/31/2025 having complied with all relevant requirements of the Louisiana Revised Statutes, the individual named below is hereby licensed in the following profession(s):

LICENSE(S): LANDSCAPE ARCHITECT

24-0764

D-277

DANIELLE MARIE DUHE
2200 SONIAT STREET
NEW ORLEANS LA 70115



Commissioner

DISPLAY IN A PROMINENT PLACE.

LDAF ID: 173531

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3002, Baton Rouge, LA 70806, (225) 952-8100, FAX (225) 925-3760

Be it known, that effective 2/15/2024 through 1/31/2025 having complied with all relevant requirements of the Louisiana Revised Statutes, the individual named below is hereby licensed in the following profession(s):

LICENSE(S): LANDSCAPE ARCHITECT

24-0828

W-268

LANDSCAPE HORTICULTURIST

24-3086

CHAD JOSEPH WILKINS
628 PINE GROVE LOOP
MADISONVILLE LA 70447



Commissioner

DISPLAY IN A PROMINENT PLACE.

LDAF ID: 111291

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3002, Baton Rouge, LA 70806, (225) 952-8100, FAX (225) 925-3760

Be it known, that effective 2/1/2024 through 1/31/2025 having complied with all relevant requirements of the Louisiana Revised Statutes, the individual named below is hereby licensed in the following profession(s):

LICENSE(S): LANDSCAPE ARCHITECT

24-0835

C-342

Y'YAN M CLARK
112 PINE STREET
NEW ORLEANS LA 70118



Commissioner

DISPLAY IN A PROMINENT PLACE.

LDAF ID: 602149



Office of the Secretary

PO Box 94245 | Baton Rouge, LA 70804-9245

PH: 225-379-1200 | FX: 225-379-1851

John Bel Edwards, Governor

Shawn D. Wilson, Ph.D., Secretary

November 8, 2023

Dana Brown & Associates, Inc.

Attn: Dana Nunez Brown

1836 Valence Street

New Orleans, LA 70115

Dear Dana Nunez Brown,

The Louisiana Department of Transportation and Development (LADOTD) has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS and/or DOTD Work codes:

NC541611- Administrative Management and General Management Consulting Services

NC541320- Landscaping Architectural Services

C08- Landscape Architecture

C11- Planning

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **November 30, 2024**. However, should you not receive notification from this office for your annual affidavit, it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Dana Brown & Associates, Inc.

November 8, 2023

Page 2

The LADOTD has contracted with Urban League of Louisiana Center for Entrepreneurship & Innovation to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Klassi Duncan with Urban League of Louisiana Center for Entrepreneurship and Innovation at (504) 620-9647 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Rhonda Wallace

Rhonda Wallace

DBE/SBE Programs Manager

Enclosure (Certificate)



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)

Dana Brown & Associates, Inc.

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

NC541320, NC541611

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

Certificate Eligibility: November 2023 to November 2024

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

STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



November 11, 2022

VIA EMAIL

Dana Brown

Dana Brown & Associates, Inc.

1836 Valance Street

New Orleans, LA 70115

dbrown@danabrownassociates.com

RE: SLDBE Re-certification Approval

Dear Dana Brown:

We are pleased to inform you that **Dana Brown & Associates, Inc.** has been approved for re-certification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://www.nola.gov/economic-development/supplier-diversity/directory/>). It will reflect your areas of certification. Your specialties will be listed as:

CERTIFICATION DESCRIPTION: LANDSCAPING ARCHITECTURE AND PLANNING; STORM WATER MANAGEMENT; LAND USE PLANNING

NAICS 54132: LANDSCAPE ARCHITECTURAL SERVICES

NAICS 541320: LAND USE PLANNING SERVICES

NAICS 541320: LANDSCAPE PLANNING SERVICES

A re-certification notice will be emailed to you prior to the date of expiration. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at saoliva@nola.gov.

Sincerely,

Sonia Oliva

Sonia Oliva

Certification Coordinator

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

BFM Corporation, LLC's UEI Number is DVBNM3B3R3W7

BFM Corporation, LLC's E-Verify Number is I4389I



**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	



**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. Gary James Lambert Jr.

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



Division of Small and Emerging Business Development
SEBD CERTIFICATION

BFM CORPORATION, LLC

is hereby certified as a Small and Emerging Business Enterprise.

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

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

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



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

BFM CORPORATION, LLC

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

This certification is valid from 9/3/2024 to 9/3/2025 .

Certification No. 9551

Stephanie Hartman,
Director, Entrepreneurial Services

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

Name:

Gulf South Engineering and Testing, Inc.


Public Address:

Mr. Chad Poche, 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

Gulf South Engineering and Testing, Inc.'s UEI Number is R1XSWKQJERG7
Gulf South Engineering and Testing, Inc.'s E-Verify Number is 648925



**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	



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 11/29/2024 to 11/29/2025 .

Certification No. 11011


Stephanie Hartman,
Director, Entrepreneurial Services



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.erdcdren.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 μ m (No. 200) Sieve
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 2166 - Unconfined Compressive Strength
Soils - D 2216 - Water Content
Soils - D 2487 - Classification of Soils
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)
Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method



CERTIFICATE OF ACCREDITATION



Gulf South Engineering and Testing, Inc.

in

Kenner, Louisiana, USA

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

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


Jim Tymon,
AASHTO Executive Director


Moe Jamshidi,
AASHTO COMP Chair

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

LETTERS OF RECOMMENDATION

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

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:

Pierre Charbonnet

Signature of Reference

Project Manager

Title

Pierre Charbonnet

Print Name

504-915-2830

Phone Number

Pierre.Charbonnet@JACOBSERS.COM

Email Address

5/18/22

Date

JOSEPH P. LOPINTO, III

SHERIFF



November 20, 2018

To Whom It May Concern:

Jefferson Parish Sheriff's Office is currently building our new First District Station, which is approximately 80% complete. The project is an 18,448 square foot, two story facility with the District Station Offices and District Fitness Gym on the second level and future retail space on the first level.

N-Y Associates' Team, with Michael G. Buisson, Jr. as lead architect / designer worked with the Jefferson Parish Sheriff's Office from project inception, through plan development, the bid process and currently the construction phase to ensure project completion as per plans and specifications. N-Y Associates have remained vigilant on all fronts, with the Sheriff's Office interest first and foremost at all times. N-Y Associates Team members are always available, responding quickly and accurately to all project related questions and developments.

Jefferson Parish Sheriff's Office recommends N-Y Associates without reservation and looks forward to utilizing their expertise on future projects.

Sincerely,

Joseph P. Lopinto
EXECUTIVE LEGAL COUNSEL

OFFICERS

PATRICIA BRISTER
St. Tammany Parish
Chairwoman
MICHAEL YENNI
Jefferson Parish
1st Vice Chairman
ROBBY MILLER
Tangipahoa Parish
2nd Vice Chairman
GUY McINNIS
St. Bernard Parish
3rd Vice Chairman
MITCHELL J. LANDRIEU
Orleans Parish
Secretary
AMOS CORMIER, JR.
Plaquemines Parish
Treasurer

MEMBERSHIP

JEFFERSON PARISH
MICHAEL YENNI
Parish President
CYNTHIA LEE-SHENG
Councilmember-at-Large
JOHN SHADDINGER, JR.
Mayor, City of Westwego
LEE GIORGIO
JOHN F. STUMPF, JR.

ORLEANS PARISH
MITCHELL J. LANDRIEU
Mayor, City of New Orleans
JASON WILLIAMS
Councilmember at Large
STACY HEAD
Councilmember at Large
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JEFFREY SCHWARTZ

PLAQUEMINES PARISH
AMOS CORMIER JR.
Parish President
BENEDICT ROUSSELLE
Council Chairman
KIRK LEPINE
Councilmember
SCOTT MORSE
MANDREL PANSY

ST. BERNARD PARISH
GUY McINNIS
Parish President
RICHARD LEWIS
Councilmember

Councilmember
CHARLES H. PONSTEIN

ST. TAMMANY PARISH
PATRICIA BRISTER
Parish President
STEVE STEFANCIK
Councilmember

Councilmember
RICHARD P. KELLEY

TANGIPAHOA PARISH
ROBBY MILLER
Parish President
PETE PANEPINTO
Mayor, City of Hammond
DAVID VIAL
Council Chairman
DR. BONNIE LEWIS
MITCH WILLIAMS

**STATE OF LOUISIANA
DEPARTMENT
OF TRANSPORTATION
AND DEVELOPMENT**

SHAWN WILSON, Ph.D.
Secretary

WALTER R. BROOKS
Executive Director, RPC



REGIONAL PLANNING COMMISSION

JEFFERSON • ORLEANS • PLAQUEMINES • ST. BERNARD • ST. TAMMANY • TANGIPAHOA

January 27, 2016

To Whom it May Concern:

As Executive Director of the Regional Planning Commission for Jefferson, Orleans, Plaquemines, St. Bernard, St. Tammany and Tangipahoa Parishes (RPC), I would like to commend N-Y Associates, Inc. on their fine job on two projects; one that was recently completed and one that is currently underway.

The recently completed project is the **LA Highway 23 (Happy Jack to N. Port Sulphur) Stage 1 Environmental Assessment**. This project is key in upgrading the last two-lane stretch of Louisiana Highway 23 between the urbanized area of metro New Orleans on the north and the highway's southern terminus at Venice, LA. Completing this last link of the four lane highway will enhance economic development, roadway safety, and hurricane evacuation in Plaquemines Parish. N-Y Associates, Inc. was the lead consultant on the project and was responsible for all facets of the project: project management; coordination with local, state and federal agencies, conceptual engineering of the improved highway, environmental impact analysis, public outreach, and completion of an Environmental Assessment document, which was accepted by the Federal Highway Administration with a Finding of No Significant Impact. Throughout the project, N-Y did a superior job in all these facets of work. They showed a true commitment to the project by completing their tasks to a high level of quality and with a high degree of professionalism.

The project that is currently underway is the **US 51 (LA 22 to Club Deluxe Road) Stage 1 Environmental Assessment**. This project is exploring the improvement and possible widening of US 51 between the cities of Ponchatoula and Hammond, a highway which has seen an increasing amount of development and traffic along its length. **This is the first major project that the RPC has undertaken in Tangipahoa Parish since the Parish joined the Commission**, and we are pleased that N-Y Associates is the firm undertaking this project for the Parish and the Commission, as they have successfully completed numerous similar projects over the last fifteen years for both the RPC and LADOTD. Over the past year since the project began, N-Y has done a commendable job on the early tasks of the project, namely project management, coordination with local, state and federal agencies, impact analysis, and conceptual engineering of the improved highway.

N-Y Associates is a competent and capable firm with an outstanding ability to integrate the engineering and planning aspects of transportation projects into a unified whole. I highly recommend them for transportation planning or transportation engineering services.

Thanks,

Walter R. Brooks

Walter R. Brooks

Executive Director, Regional Planning Commission

TRANSPORTATION POLICY COMMITTEE (MPO) Full RPC Membership

IFTIKHAR AHMAD, Director, Louis Armstrong N. O. Intl. Airport
RYAN BROWN, Director, Transit Administration, Jefferson Parish
MIKE COOPER, Mayor, City of Covington
FREDDY DRENNAN, Mayor, City of Slidell
BOB ZABBIA, Mayor, City of Ponchatoula

Greater N. O. Expwy. Comm.
BRANDY CHRISTIAN, Chief Operating Officer, Port of New Orleans
CATHY F. GAUTREAUX, Ex. Dir. Louisiana Motor Transport Assoc.
SALVADOR LONGORIA, Chairman, Regional Transit Authority

JEFF DAVIS, Gen. Manager, NO Public Belt RR
NATALIE ROBOTOM, Parish President, St. John the Baptist
LARRY COCHRAN, Parish President, St. Charles Parish
DONALD VILLERE, Mayor, City of Mandeville



JEFFERSON PARISH

Department of Engineering Public Works

January 25, 2016

Michael S. Yenni
Parish President

Mark R. Drewes, P.E.
Director

Ladies and Gentlemen:

The Jefferson Parish, Department of Engineering extends its appreciation to N-Y Associates, Inc. for providing superior engineering and program management services to the Parish.

N-Y has provided quality professional services in Jefferson Parish for over 40 years. During my ten years as Director of Engineering, I have had the opportunity to work with N-Y on multiple occasions and have found N-Y's professionalism, competence and initiative to be instrumental to successful project execution and completion. Provided below are some examples of N-Y street and roadway projects completed for Jefferson Parish.

- Improvements to Destrehan Avenue, Phases I and II
- Improvements to Veterans Memorial Boulevard (David Drive to Roosevelt Boulevard)
- Improvements to West Esplanade Avenue (Bonnabel Boulevard to Lake Avenue)
- Improvements to West Napoleon Avenue (Cleary Avenue to Houma Boulevard)
- Program Management for Eastbank FEMA Submerged Roads Program

I have also worked with N-Y on LADOTD and RPC projects in Jefferson Parish that provide regional benefits for the Greater New Orleans Metropolitan Area, for which N-Y was the consultant. These projects include:

- Environmental Assessment for the Causeway/Earhart Interchange, Route LA 3139
- East-West Corridor Multi-Modal Environmental Impact Statement
- Environmental Assessment for New Bridge Crossings over the Lower Harvey Canal

It has been a pleasure working with N-Y and its expert design team. Through my experience with N-Y, it is with confidence that I would recommend them for projects of similar requirements in the future.

Sincerely,

A handwritten signature in blue ink that reads "Mark R. Drewes".

Mark R. Drewes, P.E.

Director

Department of Engineering

MRD/kc

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.

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- 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?

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- How well did the contractor work independent of agency guidance, oversight and assistance?

Comments:

<input type="radio"/> E	<input checked="" type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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- 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).

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

CUSTOMER SATISFACTION

- How reasonable and cooperative was the contractor during performance?

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- How committed was the contractor to customer satisfaction?

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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TIMELINESS OF PERFORMANCE

- How well did the contractor adhere to the agreed-to schedule?

Comments:

<input type="radio"/> E	<input checked="" type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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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?

E	V	S	M	P	N
---	----------	---	---	---	---

Comments:

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

E	V	S	M	P	N
----------	---	---	---	---	---

Comments:

SAFETY RECORD

- How effective was the contractor's safety program to ensure compliance with federal, state and local regulations?

E	V	S	M	P	N
---	---	---	---	---	---

Comments: **NOT APPLICABLE**

- Did the contractor implement and follow their safety plan?

E	V	S	M	P	N
---	---	---	---	---	---

Comments: **NOT APPLICABLE**

- Did they run a "safe jobsite"?

E	V	S	M	P	N
---	---	---	---	---	---

Comments: **NOT APPLICABLE**

OVERALL PAST PERFORMANCE

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

E	V	S	M	P	N
----------	---	---	---	---	---

Comments:

- 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?

YES	NO
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Because of pleasant experience with his past performance in many projects.

Thank you for your assistance.

PLANNING AWARDS



AMERICAN
PLANNING
ASSOCIATION
LOUISIANA
CHAPTER

Outstanding Planning Award: For a Project / Program Tool

IN RECOGNITION

Old Bucktown Mixed Use Districts

N-Y Associates, Inc.

PRESIDENT

September 11, 2008





AMERICAN
PLANNING
ASSOCIATION
LOUISIANA
CHAPTER

Outstanding Planning Award: For a Plan

IN RECOGNITION

West End Redevelopment - Land Use and Site Plan Analysis

N-Y Associates, Inc.

PRESIDENT

September 11, 2008

