

QUALIFICATIONS & CREDENTIALS

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



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**Water Pipeline Infrastructure
Improvements Project Management
Capital Projects
Resolution No. 139856**

Presented To:



August 5, 2022

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(Prime Consultant)

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1. N-Y TEAM INTRODUCTION

Cover Letter and Project Organization Chart





Reply to Metairie Office

FRANK NICOLADIS, P.E.	PRESIDENT
MICHAEL F. NICOLADIS, E.I.	SENIOR VICE PRESIDENT
CONSTANTINE F. NICOLADIS, P.E.	VICE PRESIDENT
JAMES E. SIMMONS, P.E.	VICE PRESIDENT
MICHAEL G. BUISSON, JR., ARCHITECT, AIA	VICE PRESIDENT
BRUCE J. RICHARDS, AICP, PTP	VICE PRESIDENT
CHAD C. LEINGANG, CPA	ASSISTANT VICE PRESIDENT
CHERIE B. STIVERS, SMPS	ASSISTANT VICE PRESIDENT

August 5, 2022

ESTABLISHED 1969

Jefferson Parish Council
c/o Nicolle Whitney
200 Derbigny Street
General Government Bld., Suite 4400
Gretna, LA 70054

**Re: Water Pipeline Infrastructure Improvements Project Management Capital Projects
Resolution No. 139856**

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide Program Management of Water Pipeline Infrastructure Improvements in Jefferson Parish.

BACKGROUND:

Although N-Y Associates, Inc. is sometimes mistaken for “*New York*”, N-Y is actually a fifty-three (53) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969. Our staff includes civil, hydraulic and structural engineers; project managers; urban planners; construction inspectors and technical support personnel, each of whom offers relevant experience providing professional services on water projects throughout the Parish.

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

TEAM:

Mr. Constantine F. Nicoladis, PE, a Vice President and Civil Engineer, will serve as Program Manager. He has 35 years of experience and is in responsible charge of the project management, design and construction engineering of the firm’s parish and municipal water utility projects. Mr. Nicoladis has extensive experience with water supply, treatment and distribution systems – with specific experience in Jefferson Parish.

- *Mr. Nicoladis was most recently N-Y’s Project Manager for the Jefferson Parish Water Pipeline System Assessment which analyzed the system parishwide and prioritized the water pipeline replacement projects which will be the subject of this Program Management project.*



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

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

CONCLUSION:

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

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

Sincerely,

N-Y ASSOCIATES, INC.

A handwritten signature in blue ink that reads 'Frank Nicoladis'.

Frank Nicoladis, PE
President

N-Y TEAM ORGANIZATION CHART

Water Pipeline Infrastructure Improvements
Project Management Capital Projects in
Jefferson Parish
Resolution No. 139856



Principals / Project Oversight
N-Y Associates, Inc.
Frank Nicoladis, PE
Michael Nicoladis, EI, MBA

Program Management
N-Y Associates, Inc.
Constantine Nicoladis, PE, Program Manager *
Fred C. Mortali, PE, Deputy Program Manager *

**Program Management Support
(Water Pipeline Infrastructure)**
N-Y Associates, Inc.
William Haensel, PE, PLS *
W. Tully Rhodes, PE
James E. Simmons, PE
Neil D. Logan, PE
Patricia Claverie, EI, MS
Dennis Voss, NICET

*** Meets Minimum Personal Requirements:**

- * Constantine Nicoladis, PE; Program Manager
- * Fred C. Mortali, PE; PE #1
- * William Haensel, PE, PLS; PE #2

2. N-Y ASSOCIATES, INC. *(Prime Consultant)*

TEC Professional Services Questionnaire



TEC PROFESSIONAL SERVICES QUESTIONNAIRE



A. Project Name and Advertisement Resolution Number:
 Water Pipeline Infrastructure Improvements Project Management Capital Projects
 Resolution No. 139856

B. Firm Name & Address where Project work will be performed:
 N-Y Associates, Inc.
 2750 Lake Villa Drive
 Metairie, LA 70002

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:
 Frank Nicoladis, PE, President
 TEL No.: (504) 885-0500
 FAX No.: (504) 885-0595
fnicoladis@n-yassociates.com

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

3	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)
				25	TOTAL

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

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

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

G.	<p>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.</p> <p>N/A</p>		
H.	<p>Has this JOINT-VENTURE previously worked together? Please check:</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>		
I.	<p>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.</p>		
	Name and Address:	Specialty:	Worked with Firm Before (Yes or No):
1.	N/A		
2.			
3.			
J.	<p>Please specify the total number of support personnel that may assist in the completion of this Project:</p> <p><u>4 (N-Y Personnel)</u></p>		

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 - Vice President



Project Assignment:

Program Manager / Senior Civil and Hydraulic Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

35 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 35 years of civil and hydraulic experience with N-Y. He has extensive experience in various types of civil engineering projects including water, wastewater, storm drainage, flood control and street projects. His work includes the planning, design and construction of drainage and wastewater pump stations, force mains, and gravity lines along with water supply & treatment facilities and wastewater collection & treatment facilities.

Project and Program Management Experience:

Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA: N-Y was responsible for formulating a strategy for completing this parish-wide sewerage improvement program. This \$40 million program included the construction of four (4) new wastewater treatment plants; expansion and renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations, 20 miles of wastewater force mains and 50 miles of new sewer lines.

Water Utility Experience:

Jefferson Parish Water System Assessment; Jefferson Parish, LA: An assessment of the Jefferson Parish water system to prioritize projects for replacement of critical water pipeline infrastructure. The assessment provides actionable recommendations for pipe renewal and will serve as the foundation for an improved waterline evaluation, renewal and management system.

Waterline Replacement Program for the French Quarter and CBD; New Orleans, LA: \$11 million waterline replacement and roadway reconstruction including 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; and 1450 LF of 30" waterline.

East Bank Water Treatment Plant, P2 Plant Chlorination System Evaluation; Jefferson Parish, LA: Evaluation of the Chlorination System at the P2 Plant of the 52 MGD Eastbank Water Treatment Plant, to determine the best solution to eliminate safety concerns due to insufficient space within the chlorine cylinder room.

East Bank Water Treatment Plant, New P2 Plant Chlorination Building; Jefferson Parish, LA: A new 61' x 21' chlorination building housing six (6) on-line chlorinators (2 relocated and 4 new) and a storage area to house ten (10) additional chlorine cylinders, and an overhead crane.

East Bank Water System, Bridge Repairs & Raw Water Intake Protection at East Bank Intake; Jefferson Parish, LA: Inspection of the East Bank Intake Bridge and design of associated repairs; Installation of lighted buoys, concrete sinkers & warning signs for river traffic.

P1 Plant Hydraulic Analysis; Jefferson Parish, LA: A hydraulic analysis which determined the feasibility of raising the filter backwash troughs for the P1 Plant and to determine the head loss from the precipitators to the filter effluent clearwell. The capacity of the filter backwash pump was also analyzed in an effort to increase the plant capacity.

West Bank Water Treatment Plant Intake Building; Jefferson Parish, LA: Enlarging the existing concrete platform and adding a new corrugated metal building to house the existing water intake structure; Enclosing the raw water pumps, adding two new spray water pumps to the 4 existing pumps, and a new baffle/weir system to keep debris from entering the water intake.

Shell Potable Water Line; St. John the Baptist Parish, LA: Extension of the dead end 12" water line on Airline Highway (US 61) west of Terre Haute Road 3430 LF to the Shell facility for emergency purposes (Concha Lane).

Waterline Replacement Project 2.4; St. Bernard Parish, LA: Replacement of the existing water lines with new 8" water lines on Lebeau between Bienvenue and St. Bernard Highway; Alezander between Judge Perez and Benjamin; and Schnell between Judge Perez and Benjamin. This project is funded by the Department of Health Drinking Water Revolving Loan Fund (DWRLF).

Installation of a New 24" Waterline along East Judge Perez Drive (Torres Drive to Bayou Road; St. Bernard Parish, LA: Installation of 5,000 LF of new 24" PVC waterline and tying a new waterline to existing lines at Torres Drive and Bayou Road, along with several off-sets to avoid conflict with existing utilities and drainage channels.

Installation of a New 24" Waterline; Violet, LA: A new 24" waterline extending approx. 3 miles to increase water pressure and provide fire protection. A hydraulic analysis was conducted in order to determine the size and residual water pressures in the line.

Water System Modeling; St. Bernard Parish, LA: N-Y created the base map showing all waterlines 6 inches and larger for the Parishwide Water System Computer Model. N-Y also completed the construction cost estimate for recommended improvements along with downloading pressure readings from pressure recorders installed at various locations. (subconsultant)

Water System Master Plan; St. Bernard Parish, LA: N-Y determined the population and boundaries for service areas, peaking factor, unaccounted for water and maximum day demand for the Parishwide Water Master Plan. With the assistance of the Parish, N-Y completed C-factor tests on larger waterlines. (subconsultant)

Elevated Water Tank; Reggio, LA: A \$1 million, 500,000 gallon elevated hydropillar water tank with fluted steel columns.

Elevated Water Tank for the Percy Griffin Community Center – Fire Water Supply; Plaquemines Parish, LA: A FEMA funded 50,000 gallon elevated water tank with steel leg columns.

Elevated Water Storage Tanks; Biloxi, MS: Four (4), one million gallon elevated water storage tanks in the Biloxi, MS area.

Parishwide Water System Improvements, Phases I and II; St. John the Baptist Parish, LA: Comprehensive engineering and feasibility reports, as well as a computerized hydraulics model of the Parish's water distribution system to identify and evaluate required improvements. The project included over 60 miles of water line; Two 2.5 MGD water wells; 500,000 gallon elevated water storage tank; Four ground storage facilities; and 4 booster pumping stations.

Spartan Drive Waterline Extension; Slidell, LA: Extension of the dead end 8" waterline on Spartan Drive east of Annette Drive approx. 3550 LF down Spartan Drive and then along Howze Beach Road to tie into an existing waterline.

In addition to the experience shown, Mr. Nicoladis has also served as Project Manager and/or Civil & Hydraulic Engineer for the following projects:

Sitework and Utilities (includes water, sewerage and drainage):

- Sewerage, Drainage and Waterline Improvements at the Lafitte Public Housing Development; New Orleans, LA
- Sewerage, Drainage and Waterline Improvements to the St. Bernard Public Housing Development for the Housing Authority of New Orleans (HANO)
- Master Site Development and Final Plans for HOPE VI Revitalization of the Desire Housing Development, LA 1-14 for HANO. This project included new streets, drainage, water, sewerage and all privately owned utilities for a new \$20 million, 98 acre subdivision.
- Master Site Development and Final Engineering Plans for the \$10 million Revitalization of the Guste Low-Rise Housing Development for HANO. The project included new streets, drainage, water, sewerage and all privately owned utilities.

Street and Utilities (includes water, sewerage and drainage):

- St. Roch Neighborhood Street Improvements; New Orleans, LA
- Reconstruction of N. Galvez Street (Tennessee to Delery); New Orleans, LA
- Infrastructure Improvements for the Veterans Administration Medical Center (VAMC); New Orleans, LA
- Improvements to Madrid Street, Soldiers Street, and Mendez Street; New Orleans, LA
- Improvements to Desire Street; New Orleans, LA
- Improvements to Royal Street (Caffin to Charbonnet); New Orleans, LA
- Improvements to South Prieur Street (Upperline Street to Napoleon Avenue); New Orleans, LA

Memberships & Associations:

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



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(LPELS)

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Mr. Constantine Frank Nicoladis

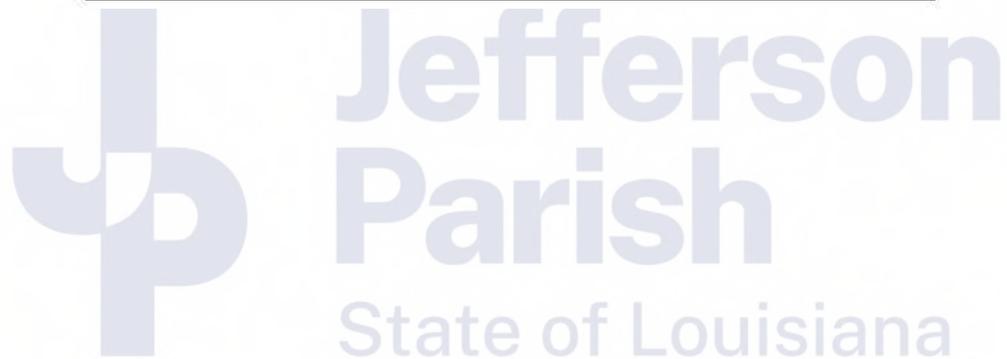
License/Certificate Type - Number

PE.0027095

Expiration Date

09/30/2023

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Frank Nicoladis, PE - President

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:

53 Years

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1957/Mississippi State University/Civil Engineering

Active registration: Year first registered/discipline:

LA (5924)/1957/Civil Engineering	MS (2468)/1961/Civil Engineering	TX (32329)/1971/Civil Engineering
FL (36371)/1985/Civil Engineering	AR (3373)/1972/Civil Engineering	LA (2862)/1957/Surveying (retired)

Other experience and qualifications relevant to the proposed Project:

Mr. Nicoladis has 65 years of experience as a consulting engineer, with 53 years as President of N-Y. Mr. Nicoladis serves as a Principal for the firm's projects undertaken for public agencies at the federal, state, and local levels – ensuring that N-Y's quality control systems are implemented and the firm's resources are efficiently utilized to provide clients with a level of services that exceeds their expectations. Some of his primary concerns are seeing that projects are adequately staffed and the client's schedule and budget are met.

Mr. Nicoladis and his firm have been working in Jefferson Parish for over 45 years and have the following types of project experience:

- **Water Supply, Treatment, Distribution and Fire Protection;**
- Wastewater Collection, Pumping and Treatment;
- Storm Drainage, including Gravity Lines and Pump Stations
- Flood Control including Levees, Floodwalls and Gates
- Streets, Highways, Bridges, and Railroads
- Port and Marine Facilities;
- Environmental Inventories, Assessments and Impact Statements;
- Conceptual and Master Planning
- Rate Studies and Financial Feasibility Studies
- Preliminary and Final Construction Plans;
- Construction Administration, Program and Construction Management

Project and Program Management Experience:

Program Management of the FEMA Submerged Roads Program for the Eastbank of Jefferson Parish, LA: Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements, due to damage sustained during Hurricane Katrina. N-Y is responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors. N-Y's scope of work includes assisting the Parish with the necessary documentation for

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Program Management for the Port of Gulfport Restoration; Gulfport, MS: \$600 million restoration program following Hurricane Katrina. N-Y was the lead design manager, responsible for reviewing the construction plans and specifications prepared by design firms. There were 18 engineering design contracts in this CDBG funded program.

Water Utility Experience:

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Parishwide Water System Improvements, Phases I and II; St. James Parish, LA: A hydraulic analysis of the Parish's water distribution system to identify and evaluate required improvements. Design and construction administration for the installation of new water distribution lines.

Memberships & Associations:

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



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(LPELS)

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

Mr. Frank Nicoladis

License/Certificate Type - Number

PE.0005924

Expiration Date

03/31/2023

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Michael F. Nicoladis, EI, MBA - Senior Vice President

Project Assignment:

Principal / Program and Project Management

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

37 Years

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1982/Vanderbilt University/Civil Engineering (Magna Cum Laude)**Master of Business Administration/1984/Duke University (Fuqua Scholar)**

Active registration: Year first registered/discipline:

LA (8705)/1982/Engineering Intern

Other experience and qualifications relevant to the proposed Project:

Mr. Nicoladis has had a variety of design, construction administration and project management experience since joining the firm in 1984. As Senior Vice 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.

Project and Program Management Experience:

Program Management of the FEMA Submerged Roads Program for the Eastbank of Jefferson Parish, LA: Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements, due to damage sustained during Hurricane Katrina. N-Y is responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors. N-Y's scope of work includes assisting the Parish with the necessary documentation for FEMA's Project Worksheets (PWs) – including periodic updates and re-versioning.

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Shell Potable Water Line; St. John the Baptist Parish, LA: Extension of the dead end 12" water line on Airline Highway (US 61) west of Terre Haute Road 3430 LF to the Shell facility for emergency purposes (Concha Lane).

Site and Utility Improvements for Lafitte Public Housing Development; New Orleans, LA: The replacement of 6,500 LF of 1" to 12" water line, 20,500 LF of 60 year-old 4" to 8" sewer line, and 4,250 LF of 6" to 10" drainage line, as well as all appurtenances.

Memberships & Associations:

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



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Mr. Michael F. Nicoladis

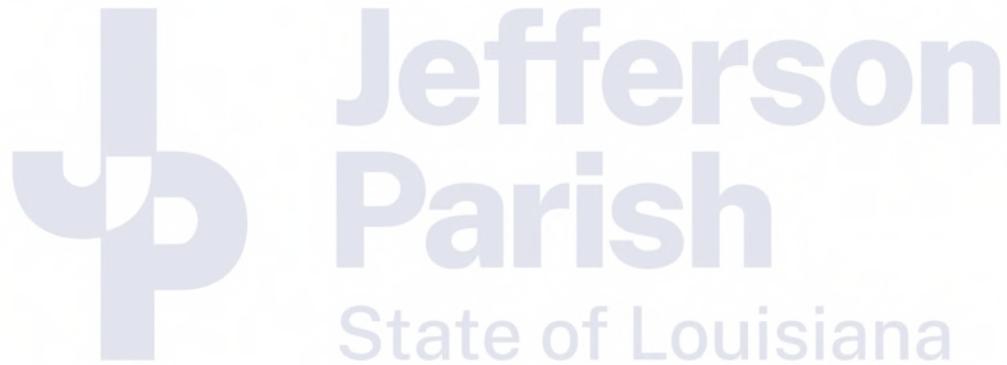
License/Certificate Type - Number

EI.0008705

Expiration Date

09/30/2023

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Fred Charles Mortali, PE – Civil Engineer



Project Assignment:

Deputy Program Manager / Civil and Hydraulic Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

13 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 29 years of experience includes the design of various types of civil engineering projects including storm drainage, flood control, water, wastewater, and street projects, including particular expertise in drainage studies and H&H modeling.

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Spartan Drive Waterline Extension; Slidell, LA: Extension of the dead end 8" waterline on Spartan Drive east of Annette Drive approx. 3550 LF down Spartan Drive and then along Howze Beach Road to tie into an existing waterline.

Project and Program Management Experience:

Program Management of the FEMA Submerged Roads Program for the Eastbank of Jefferson Parish, LA: Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements, due to damage sustained during Hurricane Katrina. N-Y is responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors. N-Y's scope of work includes assisting the Parish with the necessary documentation for FEMA's Project Worksheets (PWs) – including periodic updates and re-versioning.

Additional Experience:

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.

Water Utility Experience:

➤ **With N-Y**

Jefferson Parish Water System Assessment; Jefferson Parish, LA: An assessment of the Jefferson Parish water system to prioritize projects for replacement of critical water pipeline infrastructure. The assessment provides actionable recommendations for pipe renewal and will serve as the foundation for an improved waterline evaluation, renewal and management system.

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 for this 12,500 acre area, utilizing HEC-RAS.

Waterline Replacement Program for the French Quarter and CBD; New Orleans, LA: \$11 million waterline replacement and roadway reconstruction including 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; and 1450 LF of 30" waterline.

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.

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.

Memberships & Associations:

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

LICENSURE/CERTIFICATIONS: FRED MORTALI, PE



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Phone (225) 925-6291
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Mr. Fred Charles Mortali

License/Certificate Type - Number

PE.0035111

Expiration Date

03/31/2024

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

William Haensel, PE, PLS – Senior Civil Engineer



Project Assignment:

Senior Program Manager / Civil Engineer

Name of Firm with which associated:

N-Y Associates, Inc. (consultant)

Years' experience with this Firm:

2 Years / 53 years with Other Firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1968 / Civil Engineering

Master of Science Studies / 1968-1974 / Civil Engineering

Active registration: Year first registered/discipline:

LA (13375)/1972/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Haensel has over 50 years of experience including civil and structural engineering design of levees, floodwalls, drainage pumping stations, box culverts, building foundations and bridges. His experience also includes working for the USACE, New Orleans District in the channel stabilization branch where he was responsible for the engineering design and documentation of river revetments and shore protection for the Mississippi and Atchafalaya Rivers.

➤ **With Other Firms**

Project and Program Management Experience:

West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA: Program management services for a 5-mile urban aerial roadway which included a major drainage canal in an urbanized area. He was in charge of coordinating the design and surveying services of 5 engineering firms. He developed design standards for use by the engineering firms, reviewed the design work of the engineering firms, resolved permitting issues, coordinated geotechnical investigations, assisted in reviewing contractor payment requests, and reviewed reports of field tests. He also coordinated and attended meetings with the Jefferson Parish Departments of Drainage, Sewage, Water, and Streets, LADOTD, and USACE. The project was completed over 10 years as construction funding was advanced.

Water Utility Experience (Water Pipelines):

- Alfred Bonnabel High School: Kenner, LA
- John Ehret High School: Marrero, LA
- Oak Brook Apartments; New Orleans, LA
- Chateau de Notre Dame Residence; New Orleans, LA
- Michoud Boulevard (I-10 to Lake Forest Boulevard); New Orleans, LA
- Belle Promenade Mall; Marrero, LA
- Algiers Point Condominiums, Algiers, LA
- Gretna Main Post Office, Gretna, LA
- Major Water Main Extension to New Orleans East (30" diameter); New Orleans, LA

- Riverview Villas Apartments; New Orleans, LA
- Shadow Lake Apartments; Gretna, LA
- East Jefferson General Hospital Main Building, Medical Office Building, and Parking Garage (Canal side); Metairie, LA
- Belair Boulevard (Airport Rd. to Madeline Lane); St. Tammany Parish, LA
- Savannah Drive; Jefferson Parish, LA
- Wilson Avenue Improvements (Dwyer Road to U.S. Highway 90/Chef Menteur Highway); New Orleans, LA
- Westside Transit Maintenance Yard and Office; Gretna, LA
- Tulane University Willow Street Housing; New Orleans, LA
- Henderson Street (Tchoupitoulas Street to Race Street); New Orleans, LA
- Fairway Drive Extension (Lakeview Drive to Westwood Drive); St. Tammany Parish, LA
- St. Tammany Parish Hospital Expansion (2000); St. Tammany Parish, LA
- Six Flags (Jazzland) Theme Park; New Orleans, LA
- Citrus Boulevard Extension/Elmwood Center; Jefferson Parish, LA
- North and South Al Davis Road (Mounes Street to end of street); Jefferson Parish, LA
- Lac Calcasieu Drive; St. Charles Parish, LA
- Lac Verret Drive; St. Charles Parish, LA
- Lac Cypteris Drive; St. Charles Parish, LA
- Live Oak Subdivision; Jefferson Parish, LA
- Lakeshore Villages; St. Tammany Parish; LA
- Columbia Parc City Streets; New Orleans, LA
- Fleur de Lis Drive Reconstruction (I-610 Service Road to Old Hammond Hwy.); New Orleans, LA

Memberships & Associations:

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

LICENSURE/CERTIFICATIONS: WILLIAM HAENSEL, PE, PLS

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
	Mr. William B. Haensel Jr.	
License/Certificate Type - Number	Expiration Date	
PE.0013375	03/31/2024	
Status:	Active	

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
	Mr. William B. Haensel Jr.	
License/Certificate Type - Number	Expiration Date	
PLS.0004338	03/31/2024	
Status:	Active	

State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

W. Tully Rhodes, PE – Civil Engineer



Project Assignment:

Senior Civil and Hydraulic Engineer / H&H Modeler

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

18 Years

Education: Degree(s)/Year/Specialization:

Bachelor of Science/1976/Mississippi State University/Civil Engineering

Master of Science/1977/Mississippi State University/Environmental Engineering

Active registration: Year first registered/discipline:

LA (1985)/1984/Civil Engineering MS (8055)/1980/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Rhodes has 43 years of experience and has been in responsible charge of water, wastewater, street and drainage projects for 32 years. He has worked almost exclusively as a project manager on municipal infrastructure projects since 1986.

Project and Program Management Experience:

Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA: N-Y was responsible for formulating a strategy for completing this parish-wide sewerage improvement program. This \$40 million program included the construction of four (4) new wastewater treatment plants; expansion and renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations, 20 miles of wastewater force mains and 50 miles of new sewer lines.

Program Management for the Port of Gulfport Restoration; Gulfport, MS: \$600 million restoration program following Hurricane Katrina. N-Y was the lead design manager, responsible for reviewing the construction plans and specifications prepared by design firms. There were 18 engineering design contracts in this CDBG funded program.

Water Utility Experience:

- **Water System Facilities Plan; West Harrison, MS**
- **Janice Water Association Wells and Distribution System**
- **Water System Hydraulic Analysis; City of Wiggins, MS**
- **Water System Facility Plan; City of Wiggins, MS**
- **Popps Ferry Elevated Storage Tank for the City of Biloxi - Design and Construction**
- **Pine / Myrtle Municipal Water Distribution Project for the City of Biloxi - Design and Construction**
- **Utility Association Water System Hydraulic Analysis; Stone County, MS**

- **Master Water Plan; City of Wiggins, MS**
- **MDOT Canal Road Water Main Relocation**
- **MDOT Dolan Mobile Home Park Utility Relocation**

➤ **With Other Firms**

- **Industrial Water Transmission Project, Phase I & II; Jackson County, MS**
- **Master Utility Plan for the Helena Community; Jackson County, MS**
- **Robert Road Municipal Water Well (2,500 gpm capacity) - Design and Construction**
- **Water Treatment Plant Expansion; City of Ruston, LA**

Additional Experience:

Drainage Projects

- **Comprehensive Drainage Master Plan for the City of Gulfport, MS**
- **Drainage Project B Plans and Specifications, Bay St. Louis, MS**
- **Easterbrook / St. John Drainage Project, Bay St. Louis, MS**
- **Bay St. Louis/Waveland, MS Middle School Site Design**
- **Project Specifications for the Relocation of Hewes Blvd.; Gulfport, MS**
- **Kiln Public Library Site Design; Hancock County, MS**

Wastewater Projects

- **Wastewater Treatment Needs Evaluation; Harrison County, MS**
- **Wastewater Master Utility Plan; West Harrison County, MS**
- **Wastewater Facilities Plan; West Harrison County, MS**
- **Wastewater Facilities Plan Amendment; West Harrison County, MS**
- **Water System Facilities Plan; West Harrison County, MS**

- Elementary School Onsite Wastewater Treatment System Design; West Hancock County, MS
- Wastewater Facilities Plan; East Central Harrison County, MS
- 34th Street Pumping Station Hydraulic Design; Gulfport, MS
- Cowan Pump Station Hydraulic Design; Gulfport, MS
- Gulfport Pumping Station Rehabilitation Hydraulic Design; Gulfport, MS
- Wastewater Treatment System Expansion; City of Wiggins, MS
- Wastewater Pump Station Improvements; City of Wiggins, MS
- Wastewater Treatment Plant Improvements; Long Beach/Pass Christian, MS
- Master Wastewater Plan; City of Wiggins, MS
- Schools Wastewater Treatment Design (At two different sites); Hancock County, MS

Roadway Projects

- New Orleans Avenue Roadway Design
- West Frontage Road Design, Highway 49; Wiggins, MS

Mr. Rhodes also gained valuable experience while employed with other firms, including:

Waggoner Engineering; Pascagoula, MS (10/94 - 04/96)

Role: Service Area Manager

- West Wastewater Facility Plan; Ocean Springs, MS
- Master Drainage Plan; City of Pascagoula, MS

Brown & Mitchell; Gulfport, MS (10/90 – 9/94)

Role: Project Manager

- Wastewater Facilities Plan; Bayou View, MS
- Wastewater Facilities Plan; Southwest Gulfport, MS
- Chamberlain Avenue Wastewater Facilities Plan; Gulfport, MS
- Coffee Creek and College Park Wastewater Facility Plan Addendum
- Regional Wastewater Treatment Capacity Evaluation; Biloxi & Gulfport, MS
- Wastewater Collection System Improvements; Bayou View, MS
- Wastewater Collection System Improvements; Southwest Gulfport, MS
- Sweetwater Trails Subdivision; Gulfport, MS

N-Y Associates, Inc.; Biloxi, MS (03/86 to 09/90)

Role: Civil Engineer

- St. Michael Wastewater Facilities Plan; City of Biloxi
- Central Business District Wastewater Facilities Plan; City of Biloxi, MS

- Regional Wastewater Interceptor Project; North Biloxi
- Sunkist Regional Wastewater Interceptor Project; Biloxi, MS
- Seaway Island Regional Wastewater Interceptor Project; Biloxi, MS
- Division Street Roadway Improvements; City of Biloxi
- Three annual utility system reports; City of Biloxi

City Engineer; Slidell LA (09/83 – 02/86)

Role: City Engineer

- Municipal Wastewater Treatment Plant – Construction Administration
- Municipal Collection System Expansion – Construction Administration
- Operation Rainwater Municipal Drainage Project - Construction Administration
- Review of site plans for major developments such as Schwegmann's Shopping Center and the new NME hospital

Beard Engineering; Baton Rouge, LA (04/81 – 07/83)

Role: Project Engineer

- Wastewater Facilities Plan; City of Ruston, LA
- Wastewater Treatment Plant Expansion; City of Ruston, LA
- Municipal Wastewater Pump Station; City of Ruston, LA
- Municipal Utility Department Maintenance Building; City of Ruston, LA

N-Y Associates, Inc.; Metairie, LA (10/77 – 03/81)

Role: Project Engineer

- Wastewater Treatment Plant Expansion; Bridge City, LA
- Wastewater Collection System Design; St. John the Baptist Parish, LA
- Wastewater Facilities Plan Revisions; St. John the Baptist Parish, LA
- Wastewater Facilities Plan; St. James Parish, LA
- Wastewater Facilities Plan; Seminary, MS
- West Bank Wastewater Facilities Plan Revisions; St. Charles, LA
- Wastewater System Inflow and Infiltration Study; City of Magee, MS
- \$150 million MS. Gulf Coast Regional Wastewater Treatment Study
- Wastewater Collection System Design; St. James Parish
- Wastewater Collection System Design; Seminary, MS
- Munster Wastewater Treatment Plant Expansion; St. Bernard Parish, LA

Memberships & Associations:

- American Society of Civil Engineers



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Mr. William Tully Rhodes

License/Certificate Type - Number

PE.0019885

Expiration Date

09/30/2023

Status: **Active**



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:

28 Years

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

LA (19891)/1981/Civil Engineering MS (10842)/1990/Civil Engineering TX (134194)/2019/Civil Engineering**FL (39890)/1988/Civil Engineering NY (094047)/2014/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

Mr. Simmons has 44 years of progressively responsible civil engineering experience. His extensive experience includes 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.

Project and Program Management Experience:

Program Management for the Port of Gulfport Restoration; Gulfport, MS: \$600 million restoration program following Hurricane Katrina. N-Y was the lead design manager, responsible for reviewing the construction plans and specifications prepared by design firms. There were 18 engineering design contracts in this CDBG funded program.

Water Utility Experience:

Design of the Water Distribution System for the New Job Corps Center; Carville, LA: Design of a water booster station at the National Guard site which draws water from the existing National Guard water plant and ground storage tank. This booster station was designed with multiple sized pumps and pumping combinations to accommodate low and high demands along with the maximum required fire flow.



Desire Hope VI Revitalization; New Orleans, LA: Master Planning and Engineering for the resubdivision and redevelopment of an existing 98 acre public housing complex into a new residential neighborhood. N-Y was responsible for engineering all street infrastructure in the subdivision as well as the engineering of all public utilities (water, fire protection, sewerage, and stormwater drainage including modeling of the drainage basin per LADOTD criteria). N-Y also assisted in the coordination of engineering tasks for private utilities (electricity, gas, phone and cable) and landscaping. N-Y provided these services as subconsultant to another firm.

Additional Experience:**Street Projects (including utility reconstruction):**

- West Esplanade Avenue from Bonnabel Boulevard to Lake Avenue, for Jefferson Parish, LA
- West Napoleon Avenue from Houma Blvd. to Cleary Avenue in Jefferson Parish, LA
- Veterans Memorial Boulevard from David Drive to Roosevelt Boulevard in Jefferson Parish, LA
- Destrehan Avenue from Lapalco Boulevard to the West Bank Expressway in Jefferson Parish, LA
- Perimeter Road, Stages 2 and 3, at New Orleans Louis Armstrong International Airport
- Roadway and Drainage Improvements to France Road for the Port of New Orleans

Flood Control Projects:

- Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA
- Improvements to Canal No. 3; Jefferson Parish, LA
- 1,200 CFS drainage pumping station at Bayou Segnette; Jefferson Parish, LA
- Fronting Protection and Backflow Prevention at Cousins, Whitney Baratara and Estelle Pumping Stations; Jefferson Parish, LA
- Replacement of Flood Protection from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2; Jefferson Parish, LA
- Lake Cataouatche Hurricane Protection Levee; Jefferson and St. Charles Parishes, LA
- 750 cfs Interim Pump Facility at the East of Harvey Sector Gate Structure; Jefferson Parish, LA
- Interim 2100 cfs Drainage Pumping Station at the 17th Street Canal for the U. S. Army Corps of Engineers
- South Claiborne Avenue Manifold Canal for the Sewerage and Water Board of New Orleans
- Jefferson Ave Canal I, from S. Claiborne Ave to Dryades St. for the Sewerage and Water Board of New Orleans WBV-74 Western Tie-In Closure Structure (Sellars Canal Sector Gate); St. Charles Parish, LA for the USACE
- WBV 09b Hero Canal Closure Structure (Hero Canal Stop Log Structure); Plaquemines Parish, LA for the USACE
- Mississippi River Manchac Levee Enlargement; East Baton Rouge and Iberville Parishes, LA for the USACE

Port and Marine Projects:

- Rehabilitation of Berth D, Dock 2 at the Chalmette Slip for the St. Bernard Port, Harbor and Terminal District.
- Relocation of the 65,000 SF LISCO Lumber Facility and Renovations to the Existing LISCO Facility at the St. Bernard Port, Harbor and Terminal District.
- New Multi-Mission Station Building for the United States Coast Guard on Lake Pontchartrain; New Orleans, LA
- Paving of Berths 5 and 6 at the France Road Terminal, for the Port of New Orleans.

Buildings - Civil and Structural Engineering:

- New 39,000 SF Maintenance and Warehouse Facility for the Port of New Orleans.
- New 65,000 SF LISCO Lumber Manufacturing and Warehouse Facility at the St. Bernard Port, Harbor and Terminal District; Chalmette, LA
- New \$10.5 million Multi-Mission Station Building for the United States Coast Guard on Lake Pontchartrain; New Orleans, LA
- New \$15 million Job Corps Center for the United States Department of Labor, consisting of six new buildings (including warehouse); Carville, LA
- New 10,000 gsf Sub-Office Building for the USACE; Venice, LA

Highway and Bridge Projects:

- Preliminary plans and (70%) final plans for a 9,000 foot long (ground to ground) high-level bridge over the Inner Harbor Navigation Canal at Florida Avenue (1996), with a vertical clearance of 156 feet above high water.
- The at-grade portion of the Florida Avenue Bridge (1996); this project involved the design for reconstructing 3.92 miles of roadway, including P.C.C. pavement, 11,177 LF of 6" to 36" reinforced concrete storm drainage pipe, relocating 5,127 LF of 6", 36", and 48" water lines, as well as 3,029 LF of 54" and 72" sewer force mains.
- Environmental assessment, geometric study and preliminary and final plans for the new LA 1088 Interchange, Route I-12 in St. Tammany Parish.
- Feasibility Study and Environmental Inventory and an Environmental Assessment for the new Earhart Expressway/Causeway Boulevard Interchange, Jefferson Parish.
- Environmental Assessment for a New Bridge over the Harvey Canal at Harvey Boulevard in Jefferson Parish, LA for the Regional Planning Commission.

Memberships & Associations:

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Neil D. Logan, PE – Civil & Structural Engineer

Project Assignment:

Senior Civil and Structural Engineer

Name of Firm with which associated:

N-Y Associates, Inc. (consultant)

Years' experience with this Firm:

41 Years (contract consultant 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 61 years of engineering experience in the design and construction of flood and surge control projects. His work has included the structural design of floodwalls, drainage pumping stations, levees, and gated flood control structures.

Water Utility Experience:

East Bank Water Treatment Plant, P2 Plant Chlorination System Evaluation; Jefferson Parish, LA: Evaluation of the Chlorination System at the P2 Plant of the 52 MGD Eastbank Water Treatment Plant, to determine the best solution to eliminate safety concerns due to insufficient space within the chlorine cylinder room.

East Bank Water Treatment Plant, P2 Plant Chlorination Building; Jefferson Parish, LA: A new 61' x 21' chlorination building housing 6 on-line chlorinators (2 relocated and 4 new) and a storage area to house 10 additional chlorine cylinders, and an overhead crane.

East Bank Water System, Bridge Repairs & Raw Water Intake Protection at East Bank Intake; Jefferson Parish, LA: Inspection of the East Bank Intake Bridge and design of associated repairs; Installation of lighted buoys, concrete sinkers and warning signs for river traffic.

West Bank Water Treatment Plant Intake Building & Other Improvements; Jefferson Parish, LA: Enlarging the existing concrete platform and adding a new corrugated metal building to house the existing water intake structure; Enclosing the raw water pumps, adding two new spray water pumps to the 4 existing pumps, and a new baffle/weir system to keep debris from entering the water intake.

Parishwide Water System Improvements, Phases I and II; St. John the Baptist Parish, LA: Comprehensive engineering, Feasibility reports, and a computerized hydraulics model of the Parish's water distribution system to identify and evaluate required improvements. The project included over 60 miles of water line; Two 2.5 MGD water wells; 500,000 gallon elevated water storage tank; Four ground storage facilities; and 4 booster pumping stations.

Lions Water Treatment Plant in Reserve; St. John the Baptist Parish, LA: This project included increasing the capacity of the existing water treatment plant from 1.25 to 2.5 MGD. A hydraulic analysis was also conducted in order to determine the capacity and head requirements of the high service pumps.

Edgard Water Treatment Plant; St. John the Baptist Parish, LA: Upgrade of the existing 0.45 MGD plant to 1 MGD. A hydraulic analysis was performed to determine the capacity and head requirements of the high service pumps.

Vacherie Water Treatment Plant; St. James Parish, LA: Upgrade of the existing 1 MGD water treatment plant to 3 MGD, including new water intake structures. A hydraulic analysis was performed to determine the capacity and head requirements of the high service pumps.

Convent Water Treatment Plant; Convent, LA: Upgrade of the existing 1 MGD plant to 1.7 MGD, and repairs to water intake pipe.

Memberships & Associations:

- American Society of Civil Engineers





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www.lapels.com

Mr. Neil D. Logan

License/Certificate Type - Number

PE.0014607

Expiration Date

03/31/2023

Status: **Active**



Jefferson
Parish
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Patricia R. Claverie, EI, MS

Project Assignment:

Hydrology and Hydraulics Engineer / Lead H&H Modeler

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

2 Year / 21 years with Other Firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2000/University of New Orleans/Civil and Environmental Engineering**Master of Science/2003/University of New Orleans/Engineering Management**

Active registration: Year first registered/discipline:

LA (19340)/2000/Civil EIT

Other experience and qualifications relevant to the proposed Project:

Patricia Claverie has 23 years of experience in H&H modeling. She has extensive knowledge of ArcView, PCSWMM, SWMM5, HEC-HMS, and HEC-RAS for drainage improvements and hydraulic design for bridges and culvert design. Her experience also includes planning and engineering services for Sewer Infiltration and Inflow Management using InfoWorks and developing shape files for GIS. Ms. Claverie also is knowledgeable in roadway design, traffic control plans, signage and pavement marking plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, and hydrologic studies.

Roadway & Drainage Experience:

Coin Du Lestin Road Elevation; Slidell, LA: H&H Modeling utilizing HEC-RAS that illustrates the existing conditions, determines the required roadway elevations to prevent inundation in a 100-year event, evaluates the drainage impacts that will occur due to raising the roadway elevations, and provides a final recommendation.

Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA: H&H Modeling utilizing HEC-RAS for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.

Improvements to Carriage Canal and Dunleith Canal; St. Charles Parish, LA: A new 107 LF concrete open flume at the intersection of the Carriage Canal and the Dunleith Canal to channel the two perpendicular flows into one uniform flow and a 540 LF of new sheet piles that will tie into the new concrete flume.

➤ With Other Firms

Master Drainage Plan for Sewerage and Water Board of New Orleans: Ms. Claverie was responsible for creating the hydraulic model using PCSWMM for both the existing conditions and required drainage improvements for the Algiers and English Turn areas.

USACE – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA: Ms. Claverie provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the \$1B drainage improvement program. She coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. She reviewed contract and construction documents for constructability, inputted review comments into Dr. Checks, coordinated acquisitions of rights-of-way and construction easements, and reviewed the design of the relocation of utilities. She performed computer hydraulic modeling using the XP-SWMM program for major drainage canals and systems to determine the existing conditions and required drainage improvements, evaluated water surface profiles for existing and proposed improvements, and prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.

Grays Creek, Livingston Parish, LA: Ms. Claverie was responsible for preparing a Drainage Study for Grays Creek from Florida Boulevard (Hwy 190) to Interstate-12 in Livingston Parish. Ms. Claverie created an existing condition model in HEC-RAS for Grays Creek. In addition, the following alternatives were evaluated in the HEC-RAS proposed model: widening the channel bottom, fixing the centerline slope, adding concrete slope paving to side banks, and replacing the bridges with culverts.

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

09/30/2022

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:

48 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:

Project and Program Management Experience:

Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA: N-Y was responsible for formulating a strategy for completing this parish-wide sewerage improvement program. This \$40 million program included the construction of four (4) new wastewater treatment plants; expansion and renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations, 20 miles of wastewater force mains and 50 miles of new sewer lines.

Water Utility Experience:

Jefferson Parish Water System Assessment; Jefferson Parish, LA: An assessment of the Jefferson Parish water system to prioritize projects for replacement of critical water pipeline infrastructure. The assessment provides actionable recommendations for pipe renewal and will serve as the foundation for an improved waterline evaluation, renewal and management system.

Waterline Replacement Program for the French Quarter and CBD; New Orleans, LA: \$11 million waterline replacement and roadway reconstruction including 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; and 1450 LF of 30" waterline.

East Bank Water Treatment Plant, P2 Plant Chlorination System Evaluation; Jefferson Parish, LA: Evaluation of the Chlorination System at the P2 Plant of the 52 MGD Eastbank Water Treatment Plant, to determine the best solution to eliminate safety concerns due to insufficient space within the chlorine cylinder room.

East Bank Water Treatment Plant, P2 Plant Chlorination Building; Jefferson Parish, LA: A new 61' x 21' chlorination building housing 6 on-line chlorinators (2 relocated and 4 new) and a storage area to house 10 additional chlorine cylinders, and an overhead crane.

East Bank Water System, Bridge Repairs & Raw Water Intake Protection at East Bank Intake; Jefferson Parish, LA: Inspection of the East Bank Intake Bridge and design of associated repairs; Installation of lighted buoys, concrete sinkers and warning signs for river traffic.

P1 Plant Hydraulic Analysis; Jefferson Parish, LA: A hydraulic analysis to determine the feasibility of raising the filter backwash troughs for the P1 Plant and to determine the head loss from the precipitators to the filter effluent clearwell. The capacity of the filter backwash pump was also analyzed in an effort to increase the plant capacity.

West Bank Water Treatment Plant Intake Building; Jefferson Parish, LA: Enlarging the existing concrete platform and adding a new corrugated metal building to house the existing water intake structure; Enclosing the raw water pumps, adding two new spray water pumps to the 4 existing pumps, and a new baffle/weir system to keep debris from entering the water intake.

Shell Potable Water Line; St. John the Baptist Parish, LA: Extension of the dead end 12" water line on Airline Highway (US 61) west of Terre Haute Road 3430 LF to the Shell facility for emergency purposes (Concha Lane).

Waterline Replacement Project 2.4; St. Bernard Parish, LA: Replacement of the existing water lines with new 8" water lines on Lebeau between Bienvenue and St. Bernard Highway; Alezander between Judge Perez and Benjamin; and Schnell between Judge Perez and Benjamin. This project is funded by the Department of Health Drinking Water Revolving Loan Fund (DWRLF).

Installation of a New 24" Waterline along East Judge Perez Drive (Torres Drive to Bayou Road; St. Bernard Parish, LA: Installation of 5,000 LF of new 24" PVC waterline and tying a new waterline to existing lines at Torres Drive and Bayou Road, along with several off-sets to avoid conflict with existing utilities and drainage channels.

Installation of a New 24" Waterline; Violet, LA: A new 24" waterline extending approx. 3 miles to increase water pressure and provide fire protection. A hydraulic analysis was conducted in order to determine the size and residual water pressures in the line.

Elevated Water Tank; Reggio, LA: A \$1 million, 500,000 gallon elevated hydropillar water tank with fluted steel columns.

Parishwide Water System Improvements, Phases I and II; St. John the Baptist Parish, LA: Comprehensive engineering and feasibility reports, as well as a computerized hydraulics model of the Parish's water distribution system to identify and evaluate required improvements. The project included over 60 miles of water line; Two 2.5 MGD water wells; 500,000 gallon elevated water storage tank; Four ground storage facilities; and 4 booster pumping stations.

Lions Water Treatment Plant in Reserve; St. John the Baptist Parish, LA: This project increased the capacity of the existing water treatment plant from 1.25 to 2.5 MGD. A hydraulic analysis was also conducted in order to determine the capacity and head requirements of the high service pumps.

Edgard Water Treatment Plant; St. John the Baptist Parish, LA: Upgrade of the existing 0.45 MGD plant to 1 MGD. A hydraulic analysis was performed to determine the capacity and head requirements of the high service pumps.

Parishwide Water System Improvements, Phases I and II; St. James Parish, LA: A hydraulic analysis of the Parish's water distribution system to identify and evaluate required improvements. Design and construction administration for the installation of new water distribution lines.

Vacherie Water Treatment Plant; St. James Parish, LA: Upgrade of the existing 1 MGD water treatment plant to 3 MGD, including new water intake structures. A hydraulic analysis was performed to determine the capacity and head requirements of the high service pumps.

Convent Water Treatment Plant; Convent, LA: Upgrade of the existing 1 MGD plant to 1.7 MGD, and repairs to water intake pipe.

Sitework & Utilities (includes water, drainage & sewer):

- Sewerage, drainage, and waterline improvements at the Lafitte Public Housing Development; New Orleans, LA: The project involved the replacement of 20,500 LF of 4" to 8" sewer line, 6,500 LF of 1" to 12" water line, and 4,250 LF of 6" to 10" drainage line.
- Sewerage, drainage, and waterline improvements at the St. Bernard Public Housing Development for the Housing Authority of New Orleans.
- HOPE VI Development of Desire, New Orleans, LA: Master Plan for creating a new residential subdivision on a 98 acre site previously occupied by a public housing complex.
- All Sitework (including Streets, Parking, Drainage, Water, and Sewerage), for the United States Department of Labor Job Corps Center, a Six Building Campus at Carville, LA.
- Elaine P. Nunez Community College, Multi-Purpose Building; Chalmette, LA
- Eastbank Regional Library and Library Headquarters; Jefferson Parish, LA
- Family Doctor's Medical Clinic; Marrero, LA.
- Bachelor Enlisted Quarters at Naval Air Station; New Orleans, LA.
- Parking Lot for Southeastern University; Hammond.
- Lakeway Center Office Complex; Metairie, LA

Wastewater Projects:

- Bridge City Wastewater Treatment Plant Expansion; Jefferson Parish, LA
- New, 23,000 GPM Sewage Pumping Station at Transcontinental Drive and Vineland Street; Jefferson Parish, LA
- LaPlace Wastewater Treatment Plant; St. John the Baptist Parish, LA
- Munster Wastewater Treatment Plant Expansion; St. Bernard Parish, LA
- Wastewater Treatment Facilities; Town of Franklinton

Memberships & Associations:

- American Society of Certified Engineering Technicians



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Certificate of Attendance

presented to

Dennis Voss

for attending the

**Roundabout Design Workshop
Level 1**

and for having been awarded 12 Professional Developmental Hours

October 14-15, 2008

Baton Rouge, Louisiana

Sandra Romero

Authorized By

LTRC
Louisiana Transportation Research Center

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Chris LeMay, CADD/GIS



Project Assignment:

CADD/GIS Technician

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

2 Year / 20 Years with Other Firms

Education: Degree(s)/Year/Specialization:

Associate of Science/Computer-Aided Drafting

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

➤ **With N-Y**

Water Utility Experience:

Jefferson Parish Water System Assessment; Jefferson Parish, LA: An assessment of the Jefferson Parish water system to prioritize projects for replacement of critical water pipeline infrastructure. The assessment provides actionable recommendations for pipe renewal and will serve as the foundation for an improved waterline evaluation, renewal and management system.

Drainage and Flood Control Experience:

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

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

Roadways and Bridges Experience:

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

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

➤ **With Other Firms**

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

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

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

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

Certificate of Completion for successfully completing

Autodesk

Revit 2020 Fundamentals

24 contact hours
November 19, 20, 23 & 24

Chris LeMay

Seminar Participant

November 24, 2020

Date of Completion



Ken Colgan, Trainer

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State of Louisiana

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:

4 Years / 19 Years with Other Firms

Education: Degree(s)/Year/Specialization:

Associates Degree/1985/Engineering Technology

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Drainage and Flood Control Projects:

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

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

Roadways and Bridges:

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

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

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

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

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

Other Experience:

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

Certificate of Completion for successfully completing

Autodesk

Revit 2020 Fundamentals

24 contact hours
November 19, 20, 23 & 24

Noah Jackson

Seminar Participant

November 24, 2020

Date of Completion



Ken Colgan, Trainer

CADtech Seminars

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State of Louisiana

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish - Water System Assessment Program; Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="191 1331 493 1570" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE C. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE D. Voss, NICET C. LeMay, CADD/GIS</p> </div>	<p>Jefferson Parish has over 1,700 miles of waterlines. The Public Works Director and the Director of Water expressed concern that the Parish's aging infrastructure has a high rate of failure, and that scarce financial resources are constantly being spent on expensive emergency point repairs to maintain the system's level of service. Therefore, Jefferson Parish engaged N-Y to develop an actionable program to replace aged pipelines prone to failure.</p> <p>N-Y built upon previous work performed in a 2008 assessment to provide a new assessment and near term (5-year) plan prioritizing the most critical water pipeline infrastructure for replacement. This will provide the Parish with the tools to wisely spend limited resources on preventative maintenance, instead of costly emergency repairs. The 5-year Plan will include actionable recommendations for pipe renewal and will remain within the budgetary guidelines provided by the Parish.</p> <p>The N-Y Team held a two-day workshop with Parish staff to accomplish the following: identify critical failures since the 2008 Assessment; identify capital renewal projects implemented since the 2008 assessment or planned within the next two years; agree on methodology to estimate pipe age where age is uncertain; identify criteria which the Parish desires to have considered for select, specific cases; identify criteria important to Jefferson Parish will be useful in framing the approach to refine and update the 2008 Assessment prioritization list including updating the cost estimates to replace these critical waterlines; identify and define transmission versus distribution water mains; and identify Parish spending limits for five-year renewal program.</p> <p>N-Y completed the following:</p> <ul style="list-style-type: none"> • Data Evaluations • Initial Critical Water Main Identification Using Assessment Ranking • Visioning Process to Determine Parish Priorities and Prepare Foundation for Sustainable Water System Assessment Program • Revised Data Evaluations • Revised Critical Watermain Identification Using Assessment Ranking • Prepared the 5-yr Plan-Watermain Renewal Report • Identified GIS and Oracle Work-Order Database deficiencies to streamline approach adopted by Parish staff • Assisted Parish in evaluating best-suited software and approach to update and evolve water main management program • Developed annual preliminary budgetary-level cost opinions • Watermain Assessment Program (WA Program) 	
<p>Completion Date (Actual or Estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (Study)	\$200 million	60%

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
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Waterline Replacement Program for the French Quarter and CBD New Orleans, LA

Owner:
Sewerage and Water Board of New Orleans
625 St. Joseph St.
New Orleans, LA 70165

Contact:
Ron Spooner, PE
General Superintendent
(504) 865-0409

FEMA Funded

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

A. Waterline Replacement and Roadway Reconstruction for portions of the Central Business District, French Quarter, and Iberville Neighborhoods

Preliminary and Final Plans, construction administration and resident inspection for waterline replacement and roadway reconstruction.

8" Waterline	2,500 LF
12" Waterline	5,000 LF
20" Waterline	480 LF
24" Waterline	1,450 LF
30" Waterline	1,450 LF

B. Utility Replacement and Roadway Reconstruction on Decatur and St. Peter Streets

Preliminary and Final Plans, Construction Administration and Resident Inspection for utility replacement and roadway reconstruction for 3 blocks of Decatur Street and 1 block of St. Peter Street including:

- Replacement of 1471 LF of existing 24" waterline including gate valves and valve boxes, new service connections and new fire hydrants.
- CIPP Lining of 1433 LF of sewer line and 1719 LF of house connections
- Removal of existing drainage lines and replacement with 2919 LF of 18" drain line
- Removal and reconstruction of the existing roadway
- Sidewalk and ADA ramp replacement, as required



Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
A. 2018 B. 2023	A. \$11 million B. \$4.4 million	100%

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
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**Various Assignments at the East Bank and West Bank Water Treatment Plants
Jefferson Parish, LA**

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

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

N-Y Personnel:
F. Nicoladis, PE
C. Nicoladis, PE
N. Logan, PE
D. Voss, NICET

A. P2 PLANT CHLORINATION SYSTEM EVALUATION

This study included the **evaluation of the Chlorination System at the P2 Plant of the 52 MGD Eastbank Water Treatment Plant in Jefferson Parish, Louisiana**, 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.

B. P2 PLANT CHLORINATION BUILDING

Design and construction administration for a **new 61' x 21' chlorination building** housing six (6) on-line chlorinators (2 relocated and 4 new) and a storage area to house ten (10) additional chlorine cylinders, and an overhead crane.



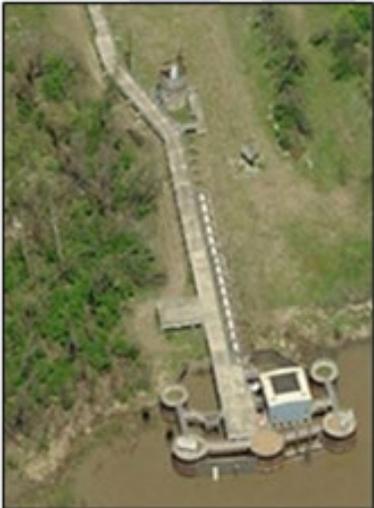
C. P1 PLANT HYDRAULIC ANALYSIS

A hydraulic analysis which determined the feasibility of raising the filter backwash troughs for the P1 Plant and to determine the head loss from the precipitators to the filter effluent clearwell. The capacity of the filter backwash pump was also analyzed in an effort to increase the plant capacity.



Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
A. 2001 (Study) B. 2005 C. 1997	A. \$40,000 (Fee) B. \$400,000 C. \$186,000	100%

PROJECT NO. 3 (Continued)

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Various Assignments at the East Bank and West Bank Water Treatment Plants 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: 10px 0;"> <p>N-Y Personnel: F. Nicoladis, PE C. Nicoladis, PE N. Logan, PE D. Voss, NICET</p> </div> 	<p>D. NEW WEST BANK INTAKE BUILDING Design, bidding, construction administration, and resident inspection for enlarging the existing concrete platform and adding a new, 64' x 32', corrugated metal building to house the existing water intake structure. The project included enclosing the raw water pumps, adding two (2) new spray water pumps to the four (4) existing pumps, and a new baffle/weir system to keep debris from entering the water intake. Also included was the addition of three (3), 24" diameter pipe pile dolphins in front of the baffle system to protect the intake from shipping traffic.</p> <div style="display: flex; justify-content: space-around;">   </div>  <p>E. BRIDGE REPAIRS AND RAW WATER INTAKE PROTECTION AT EAST BANK INTAKE:</p> <ol style="list-style-type: none"> i. Inspection of the East Bank Intake Bridge 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. ii. Installation of lighted buoys moored to piles and concrete sinkers and warning signs to provide warnings to river traffic. The projects required permits from the US Coast Guard, US Army Corps of Engineers and the LA Department of Natural Resources. 	
<p align="center">Completion Date (Actual or Estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p align="center">D. 2003 E. 2007</p>	<p align="center">D. \$600,000 E. \$350,000</p>	<p align="center">100%</p>

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
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Spartan Drive Waterline Extension; Slidell, LA

Design, bidding, and construction administration for extending the dead end 8" waterline on Spartan Drive east of Annette Drive approximately 3550 LF down Spartan Drive and then along Howze Beach Road to tie into an existing waterline.

**Owner:
City of Slidell
2045 2nd Street, Suite 304
Slidell, LA 70458**

**Contact:
Mr. Blaine Clancy,
Director of Engineering
(985) 646-4270**

N-Y Personnel:
F. Nicoladis, PE
C. 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:
2022	\$350,000	100%

PROJECT NO. 5

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

**Shell Potable Water Line
St. John the Baptist Parish,
LA**

Design, Bidding, Construction Administration and Resident Inspection for extending the dead end 12" water line on Airline Highway (U.S. 61) west of Terre Haute Road 3430 LF to the Shell facility for emergency purposes (Concha Lane).

**Owner:
St. John the Baptist Parish
Department of Public Works
1801 West Airline Hwy
Laplace, LA 70068**

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

**Contact:
Jaclyn Hotard, Parish President
(985) 652-9569**



Completion Date (Actual or Estimated):

Estimated Cost:

Entire Project:	Work for which Firm was Responsible:
------------------------	---

2019

\$250,000

100%

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Water Distribution Projects St. Bernard Parish, LA</p> <p>Owner: St. Bernard Parish Department of Public Works 1125 East St. Bernard Hwy Chalmette, LA 70043</p> <p>Contact: Matthew Falati, PE Director of Public Works (504) 278-4300</p> <div data-bbox="180 848 436 1033" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><u>N-Y Personnel:</u> F. Nicoladis, PE C. Nicoladis, PE F. Mortali, PE D. Voss, NICET</p> </div> <div data-bbox="183 1150 782 1530">  </div>	<p>A. Waterline Replacement Project 2.4 Design, Bidding and Construction Administration for this project which includes the replacement of existing water lines with new 8" water lines on Lebeau between Bienvenue and St. Bernard Highway; Alexander between Judge Perez and Benjamin; and Schnell between Judge Perez and Benjamin. This project is funded by the Department of Health Drinking Water Revolving Loan Fund (DWRLF).</p> <p>B. Installation of a New 24" Waterline Along East Judge Perez Drive (Torres Drive To Bayou Road) Design, bidding, construction administration, and resident inspection services for the installation of 5,000 LF of new 24" PVC waterline along East Judge Perez Drive. The project included tying a new waterline to existing lines at Torres Drive and Bayou Road, along with several off-sets to avoid conflict with existing utilities and drainage channels.</p> <p>C. Installation of A New 24" Waterline In Violet, LA Design, bidding, construction administration and resident inspection of a new, 24" water line in Violet, extending approximately 3 miles to increase water pressure and provide fire protection. A hydraulic analysis was conducted in order to determine the size and residual water pressures in the line.</p> <div data-bbox="906 1073 1505 1451">  </div>	
<p align="center">Completion Date (Actual or Estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>A. 2018 B. 2001 C. 1993</p>	<p>A. \$1.7 million B. \$500,000 C. \$1.4 million</p>	<p>100%</p>

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Program Management of the FEMA Submerged Roads Program for the Eastbank of Jefferson Parish, LA</p> <p>Owner: Jefferson Parish 1221 Elmwood Park Blvd. Harahan, LA 70123</p> <p>Contact: Mark Drewes, PE Director of Public Works (504) 736-6783</p> <div data-bbox="147 913 440 1060" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE</p> </div> <div data-bbox="94 1167 516 1530" style="margin-top: 20px;"> <p>LEGEND ■ Eligible Streets ■ Non-Eligible Streets (Private Municipality)</p> </div>	<p>Design Management and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements throughout the East Bank of Jefferson Parish, due to damage sustained during Hurricane Katrina. N-Y was responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors. N-Y's scope of work included providing the Parish with the necessary documentation for FEMA's Project Worksheets (PWS) – including periodic updates and re-versioning to ensure proper cost reimbursements.</p> <p>Project Schedule: Monitoring the project Schedule is a critical Program Management task. Each project includes approximately 90 city blocks. Therefore coordination with other Owner utility work in progress is required to avoid conflicts. Typically other Owner work in any block is performed prior to the Submerged Road Program construction project. Also, projects are scheduled and bid to prevent local construction resources from being strained. The 20 construction projects were substantially completed by June 2016, which is 4 years and 6 months from project commencement. This time period includes the negotiation of each of the engineering design contracts and the design itself. Because the Program Manager prepares the schedules and processes all invoices, construction progress is readily determined, and contractors are promptly notified if progress is not acceptable. The Program will be completed on schedule.</p> <p>Project Budget: Monitoring and tracking the project budget is the other most critical Program Management task. N-Y is the sole Program Manager for the East Bank Concrete and Asphalt Program – but is responsible to track and monitor the entire \$100 million East Bank (\$83 million) and West Bank (\$17 million) project budget. This includes tracking the following costs for each of the twenty (20) construction projects: Design, Construction, Materials Testing, Resident Inspection, and Program Management. Because the Owner is also paying for additional "ineligible" work that it wants done on certain projects, FEMA "eligible" vs. "ineligible" costs are also tracked. The Program will be completed within the \$100 million budget.</p> <p>Project Reporting: The following reports are examples of the project management tools and reports which N-Y used to manage this \$100 million East Bank and West Bank program:</p> <ul style="list-style-type: none"> ▪ Report 1: Submerged Road Program Management: East Bank Projects – Construction Schedule Report. ▪ Report 2: Submerged Road Program Management: Project Budget Tracking Reports – Concrete and Asphalt. Please note that the Owner has elected to perform approximately \$5 million of additional work that is not eligible for FEMA reimbursement. ▪ Report 3: Submerged Road Program Management: Cost Projection Report. Please note that the Owner has elected to perform approximately \$5 million of additional work that is not eligible for FEMA reimbursement. ▪ Report 4: Submerged Road Program Management: FEMA Report. This is a concise summary report of the status of the individual East Bank construction projects. 					
<p>Completion Date (Actual or Estimated):</p> <p align="center">2016</p>	<p align="center">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Entire Project:</td> <td style="width: 50%; text-align: center;">Work for which Firm was Responsible:</td> </tr> <tr> <td style="text-align: center;">\$83 million</td> <td style="text-align: center;">100%</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$83 million	100%
Entire Project:	Work for which Firm was Responsible:					
\$83 million	100%					

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Program Management for the Port of Gulfport Restoration Gulfport, MS</p> <p>a. Program Management for the Port of Gulfport</p> <p>b. New Bulk Ore Storage and Handling Facilities, West Pier - Phase I</p> <p>Owner: Mississippi State Port Authority One Hancock Plaza, Suite 1401 Gulfport, MS 395010</p> <p>Contact: John Webb, PE Director of Engineering (228) 865-4329</p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE M. Nicoladis, EI T. Rhodes, PE C. Nicoladis, PE J. Simmons, PE N. Logan, PE D. Voss. CET</p> </div>	<p>a. Program Management for the Port of Gulfport's \$600 million restoration program following Hurricane Katrina. The port encompasses approximately 210 acres. The restoration plan calls for a new, state-of-the-art facility and includes dredging and widening the channel and elevating the port to avoid major damage from any future hurricanes. N-Y was the lead Design Manager, responsible for overseeing all Design Consultants and the review of construction plans and specifications for 18 engineering design contracts in this CDBG funded program, including the following:</p> <ul style="list-style-type: none"> ▪ The West Pier addition of new waterside and landside crane rail beams to accommodate new 100-foot gauge container cranes. The new waterside crane rail beam is supported along the existing face of the entire wharf. The landside crane rail beam is supported on new piles within the footprint of the existing structure. ▪ New toe wall along the face of the pile-supported wharf structure required for berth deepening for post-Panamax vessel drafts. ▪ Relocation of water side wharf utilities to the new wharf face. ▪ New fender system and mooring hardware ▪ Traffic phasing plan for continued operations during wharf upgrades ▪ Review of Port Road and rail access to wharf areas ▪ 24 acres of fill to create the expanded Port footprint <p>b. New Bulk Ore Storage and Handling Facilities, West Pier - Phase I: Preliminary planning, design and construction management for the following:</p> <ul style="list-style-type: none"> ▪ 30-ton multi-purpose gantry crane with catenary unloader; ▪ 1200 ton per hour conveyor system; ▪ 50,000' long ton steel storage tank with a built-in air slide system to facilitate single point bottom discharge; and ▪ 240 ton per hour railcar loading facility. <p>As construction manager, N-Y was responsible for coordinating 12 separate construction contracts.</p>	
<p align="center">Completion Date (Actual or Estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p align="center">a. 2014 b. 1980</p>	<p>a. \$600 million b. \$6.25 million</p>	<p>a. 35% b. 100%</p>

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>St. John the Baptist Parish School Board: Program Management Services</p> <p>Owner: St. John the Baptist Parish School Board 118 West 10th Street Reserve, LA 70084</p> <p>Contact: Gerald Keller, Ph.D. School Board Member (504) 628-9162</p> <div data-bbox="103 991 393 1171" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE M. Schmidt, Architect J. Simmons, PE N. Logan, PE</p> </div>	<p>Program Management for the St. John the Baptist Parish Public Schools in their response to the damages caused by Hurricane Isaac in 2012. N-Y is responsible for the management of the Architectural, Civil, Structural, Mechanical and Electrical Design and Construction efforts at East St. John High and Lake Pontchartrain Elementary Schools. N-Y helped facilitate the reconciliation of the FEMA PW's at each school so that funding limits could be established – successfully arguing that significant portions of the work that FEMA felt were not storm damaged were, in fact, storm damaged – increasing the funding available for the projects.</p> <p>A. East St. John High School: N-Y developed the scope of work of the repairs to the 177,881 SF East St. John High School and then negotiated that scope with the Architect and Engineers of Record. The Projects was then designed, bid and awarded within six months. The construction was completed ahead of schedule and students returned to the campus on August 10, 2015.</p> <p>B. Lake Pontchartrain Elementary School: N-Y has been managing, monitoring and reviewing the progress of the design of the Replacement of Lake Pontchartrain Elementary School, including demolition of the existing 135,000 SF facility and design of the new 99,000 SF elementary school.</p> <div data-bbox="558 909 1183 1281" style="text-align: center;">  </div> <p align="center">Hurricane Isaac Flooding East St. John High School</p> <div data-bbox="899 1388 1528 1705" style="text-align: center;">  </div> <p align="center">East St. John High School</p>					
<p align="center">Completion Date (Actual or Estimated):</p> <p align="center">A. 2015 B. 2017</p>	<p align="center">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="527 1827 1076 1900" style="width: 50%;">Entire Project:</th> <th data-bbox="1076 1827 1546 1900" style="width: 50%;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td align="center" data-bbox="527 1900 1076 1969">\$35 million</td> <td align="center" data-bbox="1076 1900 1546 1969">100%</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$35 million	100%
Entire Project:	Work for which Firm was Responsible:					
\$35 million	100%					

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Parish-Wide Wastewater System Improvements: Major Pump Stations, Force Mains, and Seven (7) Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA</p> <p>Owner: St. John the Baptist Parish Dept. of Public Works 1801 West Airline Hwy. LaPlace, LA 70068</p> <p>Contact: Natalie Robottom, Parish President (985) 652-9569</p> <div data-bbox="121 1171 370 1381" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>N-Y Personnel: F. Nicoladis, PE C. Nicoladis, PE N. Logan, PE T. Rhodes, PE D. Voss, NICET</p> </div>	<p>N-Y prepared 201 Facility Plans for both the East & West Banks of the Parish which included conceptual construction plans; an infiltration/inflow tests of the existing collection systems in LaPlace and Reserve; a sewer system evaluation survey of the Reserve collection system; and environmental assessments. N-Y then formulated a strategy for completing this parish-wide sewerage improvement program. Working closely with Parish officials, N-Y determined the needs of the Parish, prepared preliminary plans, estimates of construction costs, and developed a priority list of proposed improvements. As part of this process, N-Y assisted the Parish in researching a variety of financing methods (i.e., ad valorem bonds, revenue bonds, sales tax bonds, front foot assessments and grants).</p> <p>N-Y then prepared final plans & specifications and provided construction administration and resident inspection for the \$40 million construction of three new wastewater treatment plants on the Westbank at Tigerville, Central and Wallace; a new wastewater treatment plant at Garyville and the expansion and renovation of the LaPlace Wastewater Treatment Plant and the Reserve Sewage Oxidation Pond - for a total of six plants. The project also included 60 new wastewater pump stations, 20 miles of wastewater force mains, 50 miles of new sewer lines (including repair of existing lines utilizing chemical grouting and slip lining).</p> <p>Under a separate project N-Y also designed the Woodland Wastewater Treatment Plant. Capacities of the wastewater treatment plants vary in size from 150,000 GPD to 4.5 MGD. Also under a separate program, N-Y provided the engineering services for re-directing the gravity effluent flow of the Reserve Oxidation Pond from the swamp to the Mississippi River by the construction of a new pump station and 18" diameter force main.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div data-bbox="537 1161 963 1417" style="text-align: center;">  <p>LAPLACE WWTP</p> </div> <div data-bbox="1097 1171 1523 1407" style="text-align: center;">  <p>WOODLAND WWTP</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 20px;"> <div data-bbox="537 1543 992 1770" style="text-align: center;">  <p>TIGERVILLE WWTP</p> </div> <div data-bbox="1122 1547 1523 1764" style="text-align: center;">  <p>GARYVILLE WWTP</p> </div> </div>					
<p>Completion Date (Actual or Estimated):</p> <p align="center">1997</p>	<p align="center">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Entire Project:</td> <td style="width: 33%; text-align: center;">Work for which Firm was Responsible:</td> </tr> <tr> <td style="text-align: center;">\$40 million</td> <td style="text-align: center;">100%</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$40 million	100%
Entire Project:	Work for which Firm was Responsible:					
\$40 million	100%					

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
		N-Y has no on-going legal proceedings with Jefferson Parish.

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

SECTION N. TABLE OF CONTENTS

- I. EXECUTIVE SUMMARY
- 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

II. MINIMUM QUALIFICATIONS

1. The persons or firms under consideration for program manager services shall have been in business at least five (5) years in the field or fields of expertise required for this work.
 - N-Y Associates, Inc.
LA No. EF.0000585, Expires 09/30/2023
53 Years in Business
2. The persons or firms under consideration shall have at least one principal who is a professional engineer who shall be registered as such in Louisiana with a minimum of ten (10) years’ experience in the discipline involved.
 - Frank Nicoladis, PE
LA PE No. 5924, Expires 03/31/2023
65 Years of Experience
 - Constantine F. Nicoladis, PE
LA PE No. 27095, Expires 09/30/2023
35 Years of Experience
3. The persons or firm(s) under consideration must assign, on a full-time basis, one (1) Program Manager for this work. The Program Manager must be a Registered Professional Civil Engineer in the State of Louisiana with a minimum of ten (10) years of verifiable experience in design, construction and management of water pipeline infrastructure improvement projects. The Program Manager must also have a minimum of five (5) years of verifiable experience in Program Management services pertaining to large infrastructure related projects relating to water utilities. The Program Manager shall be identified in the firm’s Statement of Qualifications with proper experience/qualifications.
 - Constantine F. Nicoladis, PE
LA PE No. 27095, Expires 09/30/2023
35 Years of Experience

I. EXECUTIVE SUMMARY

Although N-Y Associates, Inc. is sometimes mistaken for “New York”, N-Y is actually a fifty-three (53) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969.

N-Y’s staff includes civil, hydraulic and structural engineers; project managers; urban planners; construction inspectors and technical support personnel, each of whom offers relevant experience providing professional services on water projects throughout the Parish.

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

- **Fred Mortali, PE**
LA PE No. 35111, Expires 03/31/2022
29 Years of Experience

4. The persons or firms under consideration must employ a supporting technical and clerical staff including at least two engineers, in addition to the Program Manager listed above, licensed in the State of Louisiana with a minimum of five (5) years' experience in the discipline involved and familiar with water pipeline infrastructure improvement projects.

- **William Haensel, PE, PLS**
LA PE No. 13375, Expires 03/31/2024
55 Years of Experience
- **W. Tully Rhodes, PE**
LA PE No. 19885, Expires 09/30/2023
43 Years of Experience
- **James Simmons, PE**
LA PE No. 19891, Expires 09/30/2023
45 Years of Experience

5. The persons or firms under consideration must have an established business office located within the New Orleans Metropolitan area or indicate in the Statement of Qualifications that they will establish one explicitly for this work.

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

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 professional services to support these Program Management activities for Jefferson Parish. The professional qualifications, integrity, reliability and commitment of our personnel has earned N-Y an excellent reputation among our clients.

Constantine F. Nicoladis, PE, a Vice President and Civil Engineer, will serve as Project Manager. He has 35 years of experience and is in responsible charge of the design and construction engineering of the firm's parish and municipal water, wastewater and drainage projects. Mr. Nicoladis has extensive experience with water supply, treatment and distribution projects - with specific experience in Jefferson Parish.

Mr. Nicoladis will be supported by a team of senior engineers and support personnel with over 20 years average experience, as outlined below. Most of these professionals have been with N-Y over fifteen (15) years.

- **Fred Mortali, PE:** Civil & Hydraulic Engineer with a Bachelor of Engineering in Civil Engineering and 29 years experience.
- **William Haensel, PE, PLS:** Senior Civil Engineer, who has a B.S and a M.S. in Civil Engineering and 55 years experience.
- **W. Tully Rhodes, PE:** Senior Civil & Hydraulic Engineer, with a B.S. in Civil Engineering and M.S. in Environmental Engineering and 43 years experience.
- **James Simmons, PE:** Senior Civil & Structural Engineer, who has a B.S in Civil Engineering and 45 years experience.
- **Neil Logan, PE:** Senior Civil & Structural Engineer, who has a B.S. in Civil Engineering and 61 years of experience.
- **Dennis Voss, NICET:** Senior Engineering Technician with 56 years experience. He has been certified by the National Institute for Certification in Engineering Technology as a Level IV Technician.

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

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

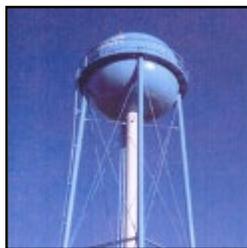
➤ **Experience**

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



Elevated Water Tank in Reggio, LA: Design, bidding, construction administration, and resident inspection for a 500,000 gallon, elevated hydropillar water tank with fluted steel columns.

Elevated Water Tank for the Percy Griffin Community Center – Fire Water Supply; Plaquemines Parish, LA: Design, bidding, construction administration, and resident inspection for a FEMA funded 50,000 gallon, elevated water tank with steel leg columns.



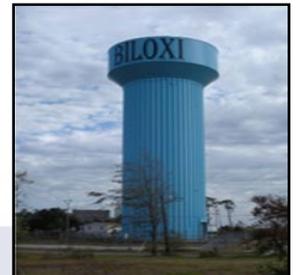
Elevated Water Tank in Reserve, LA: Design, Bidding and Construction Administration for an elevated water storage tank which serves the town of Reserve, as well as an industrial park.

Elevated Water Storage Tank No. 1, Popp's Ferry Road: Design, bidding and construction administration services for a one (1) million gallon elevated water tank, including surface preparation and painting of interior and exterior.



Elevated Water Storage Tank No. 2, Cedar Lake Road & I-10: Design, bidding, and construction administration for a **one (1) million gallon elevated water storage tank.**

Elevated Water Storage Tank No. 3; East Biloxi: Design, bidding, and construction administration for a **one (1) million gallon elevated water storage tank.** N-Y utilized the EPA.Net Program to model the water system for the East Biloxi area to confirm the capacity and elevation of the water tank.



Elevated Water Storage Tank No. 4; Woolmarket: Design, bidding, and construction administration for a **one (1) million gallon elevated water storage tank.** N-Y utilized the EPA.Net Program to model the water system for the Woolmarket area to confirm the capacity and elevation of the water tank.

Water System Modeling; St. Bernard Parish, LA: N-Y created the base map showing all waterlines 6 inches and larger for the Parishwide Water System Computer Model. N-Y also completed the construction cost estimate for recommended improvements along with downloading pressure readings from pressure recorders installed at various locations throughout St. Bernard Parish.

Water System Master Plan; St. Bernard Parish, LA: N-Y determined the population and boundaries for service areas, peaking factor, unaccounted for water and maximum day demand for the Parishwide Water Master Plan. With the assistance of the Parish, N-Y completed C-factor tests on larger waterlines.

Lions Water Treatment Plant in Reserve, LA: Design, bidding and construction administration to increase the capacity of the existing water treatment plant from 1.25 to 2.5 MGD. The design included raw water pumping, solids contact clarification, rapid sand filtration, backwash pumping, clearwell storage, chemical feed, chlorination, transfer pumping, high service pumping, and flow measurement.



Edgard Water Treatment Plant: Design, bidding and construction administration to upgrade the existing 0.45 MGD plant to 1 MGD. The design provided raw water pumping, solids, contact clarification, rapid sand filtration, backwash, pumping, clearwell storage, chemical feed, chlorination, transfer pumping, high service pumping, raw water and high service flow measurement, wastewater treatment and pumping, standby power generation, and site improvements.

Vacherie Water Treatment Plant: Design, bidding and construction administration to upgrade the existing 1 MGD water treatment plant to 3 MGD, including new water intake structures. The project included raw water pumping, solids contact clarification, rapid sand filtration, backwash pumping, clearwell storage, chemical feed, chlorination, transfer pumping, high service flow measurement, wastewater treatment, pumping and site improvements.



Convert Water Treatment Plant: Design, bidding and construction administration to upgrade the existing 1 MGD plant to 1.7 MGD, and repairs to the water intake pipe. The design provided solids contact clarification and rapid sand filtration. A hydraulic analysis was conducted in order to determine the capacity and head requirements of the high service pumps.

2. SIZE OF FIRM

N-Y's current staff of professional and support personnel are capable of performing the type of routine engineering tasks anticipated from this contract. N-Y has the capacity to effectively perform this work with its existing staff and meet any schedules set by the Parish.

3. CAPACITY FOR TIMELY COMPLETION

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

Our goal is to be *pro-active* to avoid and mitigate unforeseen conflicts and to address potential problems before they occur. As a result, disputes and change orders can be minimized and projects can be completed on time and within 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 53 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 forty-nine (49) years. *Provided after this section are Letters of Recommendation from Mark Drewes, Director of Engineering and Reda Youssef, former Director of Capital Projects attesting to the exceptional services provided by N-Y.*
- **Louisiana Department of Transportation and Development:** *N-Y has been providing professional services continuously for LADOTD since 1975* for the following types of projects: *Stage 0:* Feasibility Studies, Line & Grade Studies, Environmental Inventories and Corridor Studies; *Stage 1:* Environmental Assessments; Environmental Impact Statements; and Construction Plans and Specifications for Roadway, Highway and Bridge Projects.
- **City of New Orleans, Department of Public Works:** *N-Y has been providing professional engineering services continuously for roadway enhancement and reconstruction projects for NODPW since 1980.* Over the past thirty-five (35) 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, N-Y was recently 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 / SLFPA-E
- 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
- St. John the Baptist Parish School Board
- Lafourche Parish School Board
- Regional Planning Commission

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
- Federal Emergency Management Agency

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 forty-five (45) 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:

- Various Assignments at the East Bank and West Bank Water Treatment Plants in Jefferson Parish
- Shell Potable Water Line in St. John the Baptist Parish
- \$11 million waterline replacement program for the French Quarter and CBD in New Orleans
- Water Distribution, Modeling and Master Planning Projects in St. Bernard Parish
- Numerous Elevated Water Tanks in Louisiana and Mississippi
- Street and Utility Reconstruction Projects in New Orleans
- Lions and Edgard Water Treatment Plants in St. John the Baptist Parish
- Vacherie and Convent Water Treatment Plants in St. James Parish

Detailed information regarding these projects is highlighted in Section L of this TEC Questionnaire.

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.

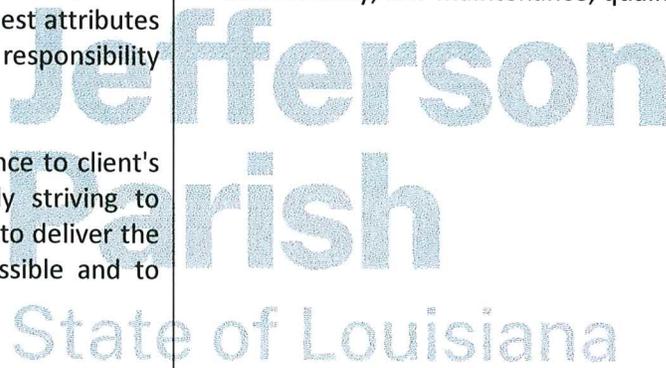
N-Y's Quality Control/Assurance Plan also extends to each of our subconsultant firms. We insist not only that the leaders of each discipline become involved in the planning and design process, but also the principals of each firm. This raises the level of accountability of our subconsultant firms' team 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: Senior Vice President

Date: 8/5/2022

N-Y 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 700026797

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000585	Active	09/26/1984	09/30/2023	Mr. Frank Nicoladis # PE.0005924 - Active ; Mr. Constantine Frank Nicoladis # PE.0027095 - Active

