PROPOSAL FOR ENGINERING AND RELATED SERVICES

IDIQ CONTRACT FOR PAVEMENT PRESERVATION STATEWIDE

September 3, 2024

Submitted to:
Louisiana Department of Transportation and Development (DOTD)

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Submitted by:
N-Y Associates, Inc.

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

SECTIONS

1-11

WHO WE ARE

N-Y is a Louisiana firm with 55 years of experience.

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

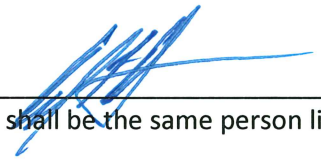
DOTD FORM: 24-102

(Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

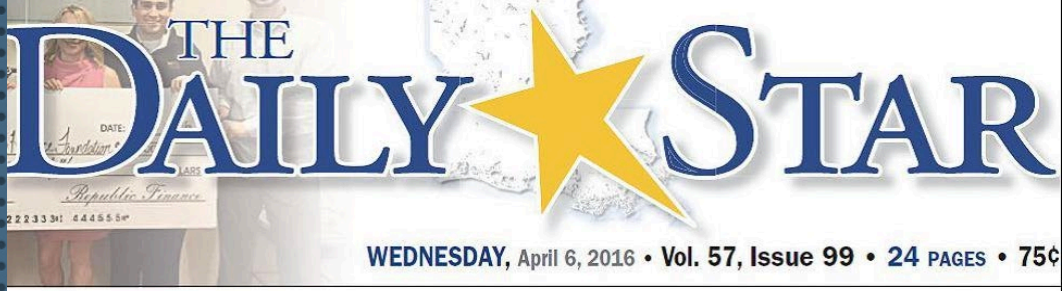
Firm should fill in the DOTD Form 24-102 provided without altering the text provided in the form; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.
Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	**IDIQ Contract for Pavement Preservation**
2. Contract number(s) as shown in the advertisement	**4400030060**
3. State Project Number(s), if shown in the advertisement	**N/A**
4. Prime Consultant Name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	**N-Y Associates, Inc.**
5. Prime Consultant License Number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	**EF.0000585**
6. Prime Consultant Mailing address	**2750 Lake Villa Drive** **Metairie, LA 70002**
7. Prime Consultant Physical Address (existing or to be established, if location is used as an evaluation criteria)	**2750 Lake Villa Drive** **Metairie, LA 70002**
8. Name, title, phone number, and email address of the Prime Consultant's contract point of contact	**Michael F. Nicoladis, President** **(504) 885-0500** **mnicoladis@n-yassociates.com**
9. Name, title, phone number, and email address of the official with signing authority for this proposal	**Michael F. Nicoladis, President** **(504) 885-0500** **mnicoladis@n-yassociates.com**
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer	

has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	 Signature above shall be the same person listed in Section 9: **September 3, 2024** Date:
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	**Firm(s):** / **Firm(s)' %:** **Civil Design & Construction, Inc.** / **15%** **APS Engineering and Testing, LLC** / **5%**

SECTIONS

12-16



Engineers study road options

Plans for part of U.S. 51 attract public interest

BY JACOB RESTER

Photos by Jacob Rester

Bruce Richards of NY Associates of New Orleans goes over part of the proposed U.S. 51 Business widening project Tuesday night during a public meeting.

WE HAVE AN OUTSTANDING TEAM

N-Y and the members of our team have successfully worked on numerous LADOTD projects over many years.

12. **Past Performance Evaluation Discipline Table:** As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

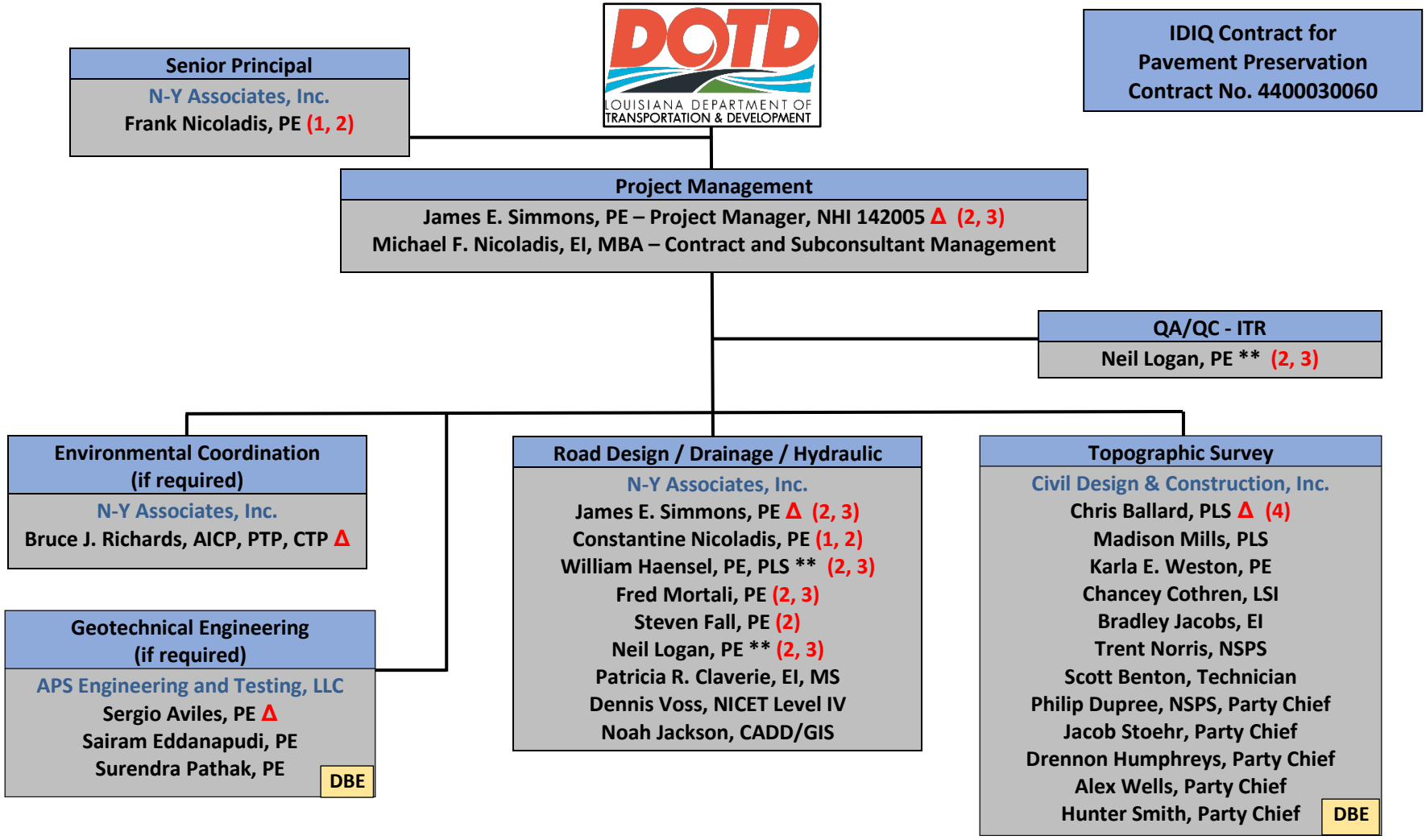
The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	N-Y Associates (Prime)	Civil Design & Construction, Inc.	APS Engineering and Testing	Each Discipline must total to 100%
Road	80%	100%	--	--	**100%**
Survey	15%	--	100%	--	**100%**
Geotech	5%	--	--	100%	**100%**
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	80%	15%	5%	

13. **Firm Size:** For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
N-Y ASSOCIATES, INC. ENGINEERS • ARCHITECTS • PLANNERS PROGRAM & PROJECT MANAGERS	**Principal**	**2**	**2**
	Supervisor - Engineer	**1**	**2**
	Engineer	**5**	**7**
	Engineer Intern	**1**	**1**
	Technician	**1**	**1**
	CADD Technician	**2**	**2**
C&C INCORPORATED	**Surveyor**	**1**	**2**
	Party Chief	**3**	**5**
	Instrument-Man	**2**	**3**
	Rodman	**2**	**2**
	CADD Operator	**1**	**1**
	Senior Technician	**3**	**6**
	Supervisor Other – (SUE)	**1**	**1**
APS Engineering and Testing	**Engineer**	**3**	**3**
	Engineer Intern	**3**	**4**
	Inspector	**5**	**5**
	Driller	**7**	**7**
	Technician	**12**	**12**
	Administrative	**2**	**2**

14. **Organizational Chart:** Provide an organizational chart showing ALL relevant prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.



Δ Task Lead
( ) Minimum Personnel Requirement (MPR) Reference Number
**** Part-time/Contract Employee**

15. **Minimum Personnel Requirements:** Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	▪ Frank Nicoladis, PE ▪ Constantine Nicoladis, PE	▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc.	▪ PE No. 5924 – Civil ▪ PE No. 27095 – Civil	▪ LA ▪ LA	▪ 03/31/2025 ▪ 09/30/2025
2	▪ James Simmons, PE * ; ** ▪ Frank Nicoladis, PE ▪ Constantine Nicoladis, PE ▪ William Haensel, PE ▪ Fred Mortali, PE ▪ Steven Fall, PE ▪ Neil Logan, PE	▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc.	▪ PE No. 19891 – Civil ▪ PE No. 5924 – Civil ▪ PE No. 27095 – Civil ▪ PE No. 13375 – Civil ▪ PE No. 35111 – Civil ▪ PE No. 23634 – Civil ▪ PE No. 14607 – Civil	▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA	▪ 09/30/2025 ▪ 03/31/2025 ▪ 09/30/2025 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2025
3	▪ James Simmons, PE * ; ** ▪ William Haensel, PE ▪ Fred Mortali, PE ▪ Neil Logan, PE	▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc.	▪ PE No. 19891 – Civil ▪ PE No. 13375 – Civil ▪ PE No. 35111 – Civil ▪ PE No. 14607 – Civil	▪ LA ▪ LA ▪ LA ▪ LA	▪ 09/30/2025 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2025
4	▪ Chris Ballard, PLS	▪ Civil Design & Construction, Inc.	▪ PLS No. 5033	▪ LA	▪ 09/30/2026

* Completed Highway Safety Manual 2 ½ day FHWA or NCHRP workshop.

** Completed the NHI course No. 142005, “National Environmental Policy Act and Transportation Decision Making.”

16. **Staff Experience:** Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by	**N-Y Associates, Inc.**			
Name	**James Simmons, PE**	Years of relevant experience with this employer	**30**	
Title	**Vice President and Civil Engineer**	Years of relevant experience with other /employer(s)	**17**	
Degree(s) / Years / Specialization		**Bachelor of Science/1977/Civil Engineering**		
Active registration number / state / expiration date		**19891/LA/09-30-2025**		
Year registered	**1982** Discipline	**Civil Engineering; NHI 142005**		
Contract role(s) / brief description of responsibilities		**Project Manager / Senior Roadway Engineer / Roadway Design and Drainage / Meets MPR Nos. 2 and 3**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Simmons provided Geometric Layouts, Roadway / Drainage Design, Rights-of-Way and Cost Estimates for each project listed below.***
08/11 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA:** Environmental Assessment, Topographic Survey and Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. **All work is being done to LADOTD standards.**
08/16 – 02/20	**Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.
06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound & westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**
06/01 – 05/08	**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA:** *Phase I* consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. *Phase II* consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.
06/99 – 04/10	**LA 1088 Interchange, Route Interstate 12; St. Tammany Parish, LA:** Design for an addition of a fully directional interchange to I-12 at LA 1088. The interchange includes: 6,585 LF of widening LA 1088 from a 2-lane roadway to a 4-lane divided roadway with a 30' depressed median; 8,648 LF of single lane ramps; A new 446 LF westbound 2-lane bridge using AASHTO Type IV precast pre-stressed concrete girders; Drainage included 24", 36", 42", 54", 60" and 72" diameter reinforced concrete and reinforced concrete arch pipes.
01/10 – 12/18	**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Design and Construction Management of $83 million of FEMA funded concrete and asphalt street improvements. N-Y was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors. 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.
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway Bridges and Bypass Road; East Baton Rouge Parish, LA:** Design for new northbound and southbound bridges for the US Highway 61 crossing. The northbound and southbound bridges 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. This project also includes design for 1.2 miles of US 61 bypass road and drainage and the relocation of a 2700 LF segment of Barnett Road. **All work was performed to LADOTD standards and was reviewed by the LADOTD.**

07/20 – N/A On Hold	**New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA:** Design of a new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels. **All work is being done to LADOTD standards.**
09/16 – 12/23	**LA 3234 Extension (LA 1065 to Hammond Airport) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 to improve east-west connectivity through Hammond. The extended roadway segment includes the LADOTD complete Streets policy and pedestrian and bicycle facilities. Several small bridges are also included.
06/08 – 06/25 est.	**Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road; St. John the Baptist Parish, LA:** Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS).
03/14 – 07/18	**US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and roadway, bridge and intersection improvements to US 51. The preferred alternative includes a complete streets cross-section which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.
03/12 – 09/15	**Environmental Assessment for Hooper Road Extension (LA 408); East Baton Rouge and Livingston Parishes, LA:** Engineering, Environmental, and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for roadway and bridge improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative included new sidewalks and 8 ft. wide shoulders suitable for bicycling.
01/11 – 07/12	**Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA:** The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
06/03 – 02/08	**Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA:** Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.
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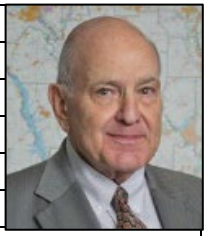
Firm employed by	**N-Y Associates, Inc.**			
Name	**Frank Nicoladis, PE**	Years of relevant experience with this employer	**55**	
Title	**President**	Years of relevant experience with other employer(s)	**12**	
Degree(s) / Years / Specialization		**Bachelor of Science/1957/Civil Engineering**		
Active registration number / state / expiration date		**5924/LA/03-31-2025**		
Year registered	**1957**	Discipline	**Civil Engineering**	
Contract role(s) / brief description of responsibilities		**Principal / Project Oversight including Quality Assurance / Meets MPR Nos. 1 and 2**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Nicoladis provided Project Oversight including Quality Assurance for each project listed below.***
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Firm employed by	**N-Y Associates, Inc.**				
Name	**Michael Nicoladis, EI, MBA**		Years of relevant experience with this employer	**40**	
Title	**President**		Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization			**Bachelor of Engineering/1982/Civil Engineering** **Master of Business Administration/1984**		
Active registration number / state / expiration date			**8705/LA/09-30-2025**		
Year registered	**1982**	Discipline	**Engineer Intern**		
Contract role(s) / brief description of responsibilities			**Principal / Contract and Subconsultant Management**		

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06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound & westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**
06/01 – 05/08	**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA:** *Phase I* consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. *Phase II* consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.
06/99 – 04/10	**LA 1088 Interchange, Route Interstate 12; St. Tammany Parish, LA:** Design for an addition of a fully directional interchange to I-12 at LA 1088. The interchange includes: 6,585 LF of widening LA 1088 from a 2-lane roadway to a 4-lane divided roadway with a 30' depressed median; 8,648 LF of single lane ramps; A new 446 LF westbound 2-lane bridge using AASHTO Type IV precast pre-stressed concrete girders; Drainage included 24", 36", 42", 54", 60" and 72" diameter reinforced concrete and reinforced concrete arch pipes.
01/10 – 12/18	**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Design and Construction Management of $83 million of FEMA funded concrete and asphalt street improvements. N-Y was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors. 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.
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway Bridges and Bypass Road; East Baton Rouge Parish, LA:** Design for new northbound and southbound bridges for the US Highway 61 crossing. The northbound and southbound bridges 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. This project also includes design for 1.2 miles of US 61 bypass road and drainage and the relocation of a 2700 LF segment of Barnett Road. **All work was performed to LADOTD standards and was reviewed by the LADOTD.**
07/20 – N/A On Hold	**New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA:** Design of a new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels. **All work is being done to LADOTD standards.**

09/16 – 12/23	**LA 3234 Extension (LA 1065 to Hammond Airport) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 to improve east-west connectivity through Hammond. The extended roadway segment includes the LADOTD complete Streets policy and pedestrian and bicycle facilities. Several small bridges are also included.
06/08 – 06/25 est.	**Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road; St. John the Baptist Parish, LA:** Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS).
03/14 – 07/18	**US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and roadway, bridge and intersection improvements to US 51. The preferred alternative includes a complete streets cross-section which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.
03/12 – 09/15	**Environmental Assessment for Hooper Road Extension (LA 408); East Baton Rouge and Livingston Parishes, LA:** Engineering, Environmental, and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for roadway and bridge improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative included new sidewalks and 8 ft. wide shoulders suitable for bicycling.
01/11 – 07/12	**Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA:** The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
03/08 – 11/09	**Stage 0 Feasibility Study, LA 427 Perkins Road (Siegen Lane to Highland Road); East Baton Rouge Parish, LA:** Feasibility of (and possible impacts arising from) the widening of the road from 2 lanes to 4 lanes. This study included development of alternatives and alternative analyses, preliminary roadway plans, a traffic impact study, cost estimates, an environmental inventory, and a public participation program.
07/04 – 03/08	**Environmental Assessment and Preliminary Engineering for a New Lapalco Boulevard Bridge Crossing the Harvey Canal; Jefferson Parish, LA:** Line & Grade Study and an Environmental Assessment (including Preliminary Engineering Design) for a new westbound, double leaf bascule (moveable span) bridge crossing the Harvey Canal at Lapalco Boulevard parallel to the existing moveable bridge. The project also included the conversion of the existing bridge to an eastbound, three-lane facility with a separate bicycle/pedestrian lane.
06/03 – 02/08	**Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA:** Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Constantine Nicoladis, PE**		Years of relevant experience with this employer	**37**	
Title	**Senior Vice President and Civil Engineer**		Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization			**Bachelor of Science/1985/Civil & Environmental Engineering** **Master of Business Administration/1987**		
Active registration number / state / expiration date			**27095/LA/09-30-2025**		
Year registered	**1997**	Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities			**Roadway and Drainage Design / Meets MPR Nos. 1 and 2**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Nicoladis provided Roadway / Drainage Design and Cost Estimates for each project listed below.***
06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound & westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**
09/10 – 12/17	**Veterans Administration Medical Center (VAMC) and University Medical Center (UMC) Infrastructure Improvements:** Roadway pavement complete with curbs; base; subsurface utilities, including but not limited to, drainage, water, and sanitary sewer installation; and, adjustments as required at driveways, intersecting streets, and project termini.
06/08 – 06/16	**North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA:** The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities. Also included is CIPP Lining of 2,550 LF of 8" sewer mains and 2,000 LF of 6" sewer house connections.
06/13 – 06/14	**Stage 0 Feasibility Study, Tchoupitoulas Corridor Signage and Striping; New Orleans, LA:** The purpose of this Stage 0 study was to identify all damaged, worn or missing traffic control signage and pavement marking on 4.53 miles of the Tchoupitoulas Street corridor and recommend improvements to the overall operational safety of this corridor. Twenty-eight (28) signs were found to be missing and fifty-three (53) signs were identified to be in a deteriorated condition or vandalized, for a total of 81 signs that need to be replaced. Pavement markings along the entire corridor were observed to be in a deteriorated condition.
06/03 – 02/08	**Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA:** Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.
02/05 – 08/05	**Stage 0 Feasibility Study and Environmental Inventory for Earhart Expressway Connector Ramps to Airline Drive and Jefferson Highway, Route LA 3139; Jefferson Parish, LA:** Feasibility Study (including Line and Grade) and Environmental Inventory for proposed connector ramps along the Earhart Expressway (LA 3139) near the Jefferson/Orleans Parish line. The Environmental Inventory identified and mapped all major environmental concerns, issues and sites within the project study area. The Feasibility Study included plans, profiles and cost estimates for ramp alignment alternatives which were evaluated and screened on the basis of traffic analysis and engineering geometry.

Firm employed by	**N-Y Associates, Inc.**				
Name	**William Haensel, PE**		Years of relevant experience with this employer	**3**	
Title	**Senior Civil Engineer**		Years of relevant experience with other employer(s)	**53**	
Degree(s) / Years / Specialization		**Bachelor of Science/1968/Civil Engineering**			
Active registration number / state / expiration date		**13375/LA/03-31-2026**			
Year registered	**1972**	Discipline	**Civil**		
Contract role(s) / brief description of responsibilities		**Roadway and Drainage Design / Meets MPR Nos. 2 and 3**			

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Haensel provided Roadway / Bridge and Drainage Design for each project listed below.***
11/21 – 12/25 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.
With Other Firms	
05/03 – 04/19	**Fleur de Lis Blvd. Reconstruction: Design and Program Management (Phases I, II and III); New Orleans, LA:** Mr. Haensel supervised the engineering design team for this project from its inception, performed a feasibility study and provided the City with suggestions for alternative designs based on the various sources and funding available. The project consisted of the complete reconstruction of 8,200 linear feet (1.5 miles) of major urban divided roadway. As required by FHWA, a NEPA environmental clearance was prepared, completed and accepted by LADOTD and FHWA. Because the corridor was bounded by residential development, significant attention was given to pedestrian access, bike paths, and construction sequencing. The project required multiple LADOTD design exceptions because of physical constraints and preservation of trees. Mr. Haensel prepared the LADOTD design exceptions and the City received approval of the exceptions. Because of the complexity of the work, the project was divided into three phases. Design tasks included land surveying, a new subsurface drainage system, new sewer and water systems, and traffic engineering, and construction sequences planning. Total project cost was $27M. (S.P. 742-36-0103)
01/15 – 07/15	**Clearview Parkway Turn Lane Improvement at Mounes; Jefferson Parish, LA:** Design of roadway widening and left turn lane to serve southbound traffic on Clearview Parkway at Mounes Street. Design included modifications to the existing traffic signal and new pavement markings for Clearview Parkway. All design was in accordance with DOTD and AASHTO requirements. Design was reviewed and approved by DOTD. Construction was inspected by and accepted by DOTD.
04/09 – 09/11	**Island Road Restoration; Terrebonne Parish, LA:** Design of the widening, overlay, and restoration of a 5 mile long primary access road in southern Terrebonne Parish, just south of Houma. Design included the cold mill of existing asphalt pavement, placing 20,000 cubic yards of new crushed stone base course, and placing 6,600 tons of superpave asphalt surface and overlay on the existing and widened roadway. The design also included 17,000 cubic yards of stone riprap to stabilize and line the side slopes adjacent to waterways on both sides of the roadway. All design was reviewed by and approved by the Terrebonne Dept. of Public Works and the FEMA administrator. The design conformed to DOTD and AASHTO requirements.
03/08 – 10/09	**Oak Harbor Boulevard East Widening (I-10 Service Road to Lakeshore Boulevard); St. Tammany Parish, LA:** Design of additional travel lanes for an existing 2,600 foot long divided roadway including drainage improvements. The design conformed to DOTD and AASHTO requirements.
06/95 – 06/06	**West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA:** Mr. Haensel provided 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 design engineering firms. He developed design standards for use by the engineering firms, reviewed the design work of the engineering firms, resolved legal and permitting issues, coordinated geotechnical investigations, assisted in reviewing contractor payment request, 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. Total construction cost of corridor was $75M. (S.P No. 742-07-42)

09/98 – 09/06	**Melpomene Street Cast-in-Place Concrete Box Culvert and Roadway (along Tchoupitoulas Street to Camp Street); New Orleans, LA:** Mr. Haensel served as design engineer for the design and construction of a new major drainage canal segment using a box culvert system. Design included removal and replacement of approximately 2,500 linear feet of Portland Cement concrete streets, sidewalks, handicap ramps, and sewer and water adjustments/replacements all in accordance with City of New Orleans, S&WB, DOTD and AASHTO requirements. A portion of the project along Tchoupitoulas Street was funded under the TIMED Program (SP 742-07-62(P1-P7).
01/04 – 05/05	**Causeway Boulevard Overlay (Bore Street to W. Napoleon Avenue); Jefferson Parish, LA:** Design and construction engineering services for the cold milling and asphaltic overlay of a divided urban arterial roadway all in accordance with Jefferson Parish and AASHTO requirements. Also managed the resident inspection, review of submittals/ shop drawings, review of testing/ field reports, management of the resident inspection services, review of contractor's payment requests, and general administration of the construction process. Construction cost was approximately $500,000.
03/01 – 10/02	**LA Hwy. 434 (I-12 to Ezell Road); St. Tammany Parish, LA:** Provided plans, specifications, bid coordination, and construction administration for the cold milling and overlay and new turn lanes for 7,000 linear feet of state highway 434. All design conformed to DOTD and AASHTO requirements. In connection with the highway design services, prepared a traffic impact analysis of the highway for consideration of the proposed Folger's Warehouse facility. In addition, prepared plans for the driveway access to the Folger's site and an access road to the warehouse. (DOTD Design S.P. No. 852-12-0016/DOTD Construction S. P. No. 416-03-02)
02/96 – 06/98	**Henderson Street (Tchoupitoulas Street to Race Street); New Orleans, LA:** Mr. Haensel served as the Project Manager for this new 1,500 foot long, four lane divided roadway to serve the $194 million Phase IV of the New Orleans Convention Center. The design included approximately 2,500 linear feet of 15", 18", 24", and 30" diameter reinforced concrete drain pipe, 10,250 square yards of 9" thick Portland Cement concrete pavement, a new 16" diameter water main, and a new 12" diameter sanitary sewer main all to serve the convention center expansion. The plans and specifications were submitted to and approved by the Louisiana State Fire Marshal's office, the City of New Orleans, and the Sewerage and Water Board of New Orleans.
03/97 – 10/98	**Savannah Drive; Jefferson Parish, LA:** Mr. Haensel performed design of new public roadways for access to newly developed property. A stormwater detention analysis was prepared for the street to determine pipe sizes. Design included approximately 850 linear feet of new 15" and 18" reinforced concrete drain lines to serve the area. All design and construction was reviewed by Jefferson Parish and in accordance with AASHTO requirements. The constructed drainage system was inspected by and accepted by Jefferson Parish.
01/95 – 11/96	**Wilson Avenue Improvements (Dwyer Road to US Hwy 90/Chef Menteur Highway); New Orleans, LA:** Mr. Haensel served as Project Manager for the design and construction of 2,400 linear feet of roadway to replace an existing four lane divided Portland Cement concrete roadway. Design included new 15", 18", 24", and 30" diameter reinforced concrete drain pipe to upgrade the existing drainage collection system, and new sanitary sewer collection mains and water mains. The plans and specifications were submitted to and approved by the City of New Orleans, and the Sewerage and Water Board of New Orleans.
06/97 – 01/99	**Hickory Ridge Lane and Ferriday Court; Jefferson Parish, LA:** Mr. Haensel was the Project Manager for this new public roadway access to newly developed property. A stormwater detention analysis was prepared for the streets to determine drainage pipe sizes. Design included approximately 1,800 linear feet of new 15", 18", and 24" diameter reinforced concrete drainage pipe to serve the area. Additionally, new sanitary sewer lines and a community water distribution system was included in the design of the street. All construction plans and specifications were reviewed and approved by Jefferson Parish. The completed project was inspected and accepted by Jefferson Parish.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Fred Mortali, PE**		Years of relevant experience with this employer	**15**	
Title	**Civil Engineer**		Years of relevant experience with other employer(s)	**16**	
Degree(s) / Years / Specialization			**Bachelor of Engineering/1989**		
Active registration number / state / expiration date			**35111/LA/03-31-2026**		
Year registered	**2009**	Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities			**Roadway and Drainage Design / Meets MPR Nos. 2 and 3**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Mortali provided Roadway and Drainage Design and Cost Estimates for each project listed below.***
01/18 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Roadway and Drainage Improvements; Plaquemines Parish, LA:** Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to **LADOTD standards**.
06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound and westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**
01/10 – 12/18	**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Mr. Mortali was the Program Manager for the Design and Construction Management of $83 million of FEMA funded concrete and asphalt street improvements. Mr. Mortali was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors. 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.
06/14 – 12/16	**Veterans Administration Medical Center (VAMC) and University Medical Center (UMC) Infrastructure Improvements:** Roadway pavement complete with curbs; base; subsurface utilities, including but not limited to, drainage, water, and sanitary sewer installation; and, adjustments as required at driveways, intersecting streets, and project termini.
06/14 – 06/16	**North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA:** The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities. Also included is CIPP Lining of 2,550 LF of 8" sewer mains and 2,000 LF of 6" sewer house connections.
2016	**St. Roch Neighborhood Infrastructure Improvements; New Orleans, LA:** FEMA funded roadway pavement including curbs, base, ADA ramps, sidewalks and driveways. The project included design for full or partial repairs to approx. 90,000 LF of streets with either asphalt or concrete pavement.
03/20 – 10/23	**Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA:** Design for a new alignment of approx. 1 mile of Carney Road. The new roadway includes two, 11' travel lanes and 8' shoulders/bicycle lanes meeting East Baton Rouge's Complete Streets requirements.
06/18 – 12/22	**Comite River Diversion Project – US 61 Bypass Road and Barnett Road Relocation; East Baton Rouge Parish, LA:** Design for 1.2 miles of US 61 bypass road and drainage and the relocation of a 2700 LF segment of Barnett Road. All work is being performed to **LADOTD standards** and is being reviewed by the LADOTD.
2015 – 2018	**Alton Area Drainage Study and Phase I Improvements; St. Tammany Parish, LA:** Hydraulic Modeling of Existing Conditions and Proposed Improvements to alleviate street and nuisance flooding, utilizing SWWM. N-Y also designed Phase I of these proposed drainage improvements.
2016 – 2017	**1077/1085 Drainage Study; St. Tammany Parish, LA:** Hydraulic Modeling of existing conditions and proposed improvements utilizing the HEC-RAS Program of the following tributaries in the western area of St. Tammany Parish: East Bedico Creek, Tributary #3, Fox Run, Soap and Tallow Creek, and Black River. The proposed improvements will alleviate overland flooding and include enlarged culverts and bridge crossings and new detention ponds.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Steven Fall, PE**		Years of relevant experience with this employer	**16**
Title	**Civil/Structural Engineer**		Years of relevant experience with other employer(s)	**24**
Degree(s) / Years / Specialization			**Master of Science/1989/ Engineering; BS/1984/Civil Engineering**	
Active registration number / state / expiration date			**23634/LA/03-31-2026**	
Year registered	**1990**	Discipline	**Civil Engineering**	
Contract role(s) / brief description of responsibilities			**Roadway Design / Meets MPR No. 2**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Fall provided Roadway / Bridge Design and Cost Estimates for each project listed below.***
06/99 – 04/10	**LA 1088 Interchange, Route Interstate 12; St. Tammany Parish, LA:** Design for an addition of a fully directional interchange to I-12 at LA 1088. The interchange includes: 6,585 LF of widening LA 1088 from a 2-lane roadway to a 4-lane divided roadway with a 30' depressed median; 8,648 LF of single lane ramps; A new 446 LF westbound 2-lane bridge using AASHTO Type IV precast pre-stressed concrete girders; Drainage included 24", 36", 42", 54", 60" and 72" diameter reinforced concrete and reinforced concrete arch pipes.
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway Bridges; East Baton Rouge Parish, LA:** Design for new north bound and south bound bridges for the US 61 Highway 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.
03/20 – 10/23	**Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA:** The realignment of approx. 1 mile of Carney Road which includes a new 270 LF, 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new bridge will have 11' travel lanes and 8' shoulders/bicycle lanes to match the roadway width and meet East Baton Rouge's Complete Streets requirement.
02/21 – 12/25 est.	**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).
06/12 – 09/14	**LA 1085 (Bootlegger Road) Intersection Improvements: St. Tammany Parish, LA:** A single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road on the north and the Ochsner Boulevard on the south. The project also included relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow.
2001 – 2006	**Director of Engineering, Greater New Orleans Expressway Commission, Causeway Bridge; Metairie, LA:** Mr. Fall provided oversight of all engineering work for the Causeway Bridge, which spans 24 miles and is the longest bridge over water in the world. The movable bridge's parallel spans are made of prestressed panels supported by over 9,000 concrete pilings. Mr. Fall was responsible for the oversight, design review, project/program management and administration of all engineering consultants providing design, bidding, construction administration and resident inspection services.
2015 – 2016	**Mississippi River LNG Flood Protection Project, LA 39; Bohemia, LA:** A proposed 9300 LF reinforced concrete, pile supported floodwall with two 30' vehicular access swing gates, pedestrian gates, and a 70' wide stop log access for future equipment. The height of the floodwall was approx. 27' above grade in accordance with the 100 year Base Flood Elevation and USACE HSDRSS standards.
2008 – 2013	**WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellars Canal) Navigable Sector Gate, Sluice Gates, Levees and Floodwalls); Jefferson and St. Charles Parishes, LA:** A 56 ft. wide, navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee, a 5-gate sluice gate structure and a permanent access road.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Neil Logan, PE**		Years of relevant experience with this employer	**45**	
Title	**Civil/Structural Engineer**		Years of relevant experience with other employer(s)	**18**	
Degree(s) / Years / Specialization		**Bachelor of Science/1961/Civil Engineering**			
Active registration number / state / expiration date		**14607/LA/03-31-2025**			
Year registered	**1974**	Discipline	**Civil Engineer**		
Contract role(s) / brief description of responsibilities		**QA/QC – ITR / Roadway and Drainage Design / Meets MPR Nos. 2 and 3**			

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Logan provided Roadway / Bridge and Drainage Design for each project listed below.***
01/17 – 06/18	**Eastbound West Metairie Replacement Bridge over the Soniat Canal; Jefferson Parish, LA:** While working with another firm, Mr. Logan designed this bridge replacement to elevate the bridge above floodwaters. *The forty-foot spans are 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.* The deck slab is 8 inches thick with 1/2 inch of sacrificial concrete on the riding surface. Expanded Polystyrene, weighing two pounds per cubic foot, was used instead of earth fill on the footings of the end bents.
11/17 – 06/18	**Lapalco Bridge Overpass of Bayou Segnette; Jefferson Parish, LA:** While working with another firm, *Mr. Logan designed the repair and maintenance of this 40-year-old structure*. Bent movements had resulted in excessive joint width, broken anchor bolts and downward movement of the curtain wall. Mr. Logan suggested that the curtain wall panels be moved to their original position and supported by galvanized steel angles.
06/91 – 12/00	**Canal No. 3 Drainage Improvements and Replacement Bridge; Jefferson Parish, LA:** Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving and a capacity of 4000 CFS. *The project included a 34'w x 250'l, 2-lane replacement vehicular bridge composed of pre-stressed, pre-cast hollow core slabs, with 50 ft. spans designed for AASHTO HS-20 loading. Cast-in-place bridge bents include pre-cast concrete piles. The bridge spans lengths and structure depth were designed to minimize obstructions to flow and to allow raising the bridge profile for a 100 year flood.*
1986 – 1988	**Alexandria Urban Interchange Bridges, I-49/US 71 (Section 3); Rapides Parish, LA:** Final Roadway and Bridge Plans for I-49 dual roadway and ramp structures, consisting of *9,072 LF of structure with 99 spans*. The bridges included Type III and Type IV prestressed concrete girders and straight and curved steel girders with structures up to 37' above grade.
1984 – 1986	**Industrial Loop to McCarey Road (Section 1) Roadway and Bridges; Caddo Parish, LA:** Final Roadway and Bridge Plans for a 1.06 mile, four-lane divided highway, which included *twin, steel trapezoidal box girder bridges*.
1983 – 1985	**North-South Expressway: Meeker to Boyce (Section 1) and Washington to Meeker (Section 2) Roadway and Bridges; Rapides and St. Landry Parishes, LA:** Section 1: Preliminary and Final Roadway and Bridge Plans for a 5.44 mile, four-lane interstate highway with embankment, base course, surfacing, and an interchange with *twin, continuous span skewed hybrid steel plate girder bridges* – each 142 LF. Section 2: Preliminary and Final Roadway and Bridge Plans for a 3.2 mile section of a four-lane divided highway in a rural area, including *a slab span bridge over a diversion canal.*
1981 – 1983	**Arizona Street Interchange at I-10; Calcasieu Parish, LA:** Preliminary and Final Roadway and Bridge Plans for *new 4-span, 140 LF prestressed concrete bridges over I-10; new 5-span, 100 LF reinforced concrete bridge over Bayou D'Inde; new 7-span, 140 LF reinforced concrete bridge over Bayou D'Inde; and the widening of an 8-span, 160 LF existing bridge over Bayou D'Inde.*
01/17 – 06/18	**Eastbound West Metairie Replacement Bridge over the Soniat Canal; Jefferson Parish, LA:** While working with another firm, Mr. Logan designed this bridge replacement to elevate the bridge above floodwaters. *The forty-foot spans are 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.* The deck slab is 8 inches thick with 1/2 inch of sacrificial concrete on the riding surface. Expanded Polystyrene, weighing two pounds per cubic foot, was used instead of earth fill on the footings of the end bents.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Bruce J. Richards, AICP, PTP, GIP**	Years of relevant experience with this employer	**25**	
Title	**Vice President and Director of Planning**	Years of relevant experience with other employer(s)	**11**	
Degree(s) / Years / Specialization		**Master of City Planning/1989/Planning**		
Active registration number / state / expiration date		**AICP No. 126106; PTP No. 643; GIP No. 974**		
Year registered	**1999**	Discipline	**American Institute of Certified Planners; Professional Transportation Planner, Green Infrastructure Practitioner; NHI 142005/NHPA 106**	
Contract role(s) / brief description of responsibilities		**Environmental Coordination**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Richards provided Transportation Planning and Environmental Services for each project listed below.***
11/21 – 12/25 est.	**Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** The replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05. Mr. Richards assisted LADOTD in receiving Categorical Exclusions (CE) for the work at each bridge.
08/11 - 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA:** Environmental Assessment, Topographic Survey and Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. **All work is being done to LADOTD standards.**
06/99 – 04/10	**LA 1088 Interchange, Route Interstate 12; St. Tammany Parish, LA:** Geometric Design Study, Stage 1 Environmental Assessment, and Preliminary and Final Roadway and Bridge Plans for adding a fully directional interchange to Interstate 12 at LA 1088. This project also included an Access Point Request (APR) report. The project included
06/08 – 06/25 Est.	**Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road; St. John the Baptist Parish, LA:** Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS).
09/16 – 12/23	**LA 3234 Extension (LA 1065 to Hammond Airport) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 to improve east-west connectivity through Hammond. The extended roadway segment will also include the LADOTD complete Streets policy and add pedestrian and bicycle facilities. Several small bridges are also included.
03/14 – 07/18	**US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and roadway, bridge and intersection improvements to US 51. The preferred alternative includes a complete streets cross-section design which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.
01/11 – 07/12	**Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA:** The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory.
06/03 – 02/08	**Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA:** Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Patricia R. Claverie, EI, MS**		Years of relevant experience with this employer	**3**	
Title	**Engineer Intern**		Years of relevant experience with other employer(s)	**21**	
Degree(s) / Years / Specialization			**Master of Science/2003/Engineering Management** **Bachelor of Science/2000/Civil & Environmental Engineering**		
Active registration number / state / expiration date			**19340/LA/09-30-2026**		
Year registered	**2000**	Discipline	**Civil Engineering Intern**		
Contract role(s) / brief description of responsibilities			**Drainage Design**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Ms. Claverie provided Civil and Hydraulic Engineering and/or H&H Modeling for each project listed below.***
11/21 – 12/25 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05. This project is in conformance with the **LADOTD Hydraulics Manual**.
09/21 – 12/24	**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.
With Other Firms	
09/11 – 10/20	**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.
05/17 – 10/20	**Master Drainage Plan for Sewerage and Water Board of New Orleans; Orleans Parish, LA:** The project included providing modeling services using PCSWMM for the Master Drainage Plan Study for the entire area of New Orleans served by the Sewerage and Water Board. The study's purpose was to evaluate the existing drainage system to determine its current capacity, flag all deficiencies, develop plans of improvements to a 10-year design level, and to make budgetary estimates of costs and project these costs over a period of 50-years. 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.
05/15 – 01/16	**Grays Creek; Livingston Parish, LA:** Grays Creek is one of the major floodways within the Parish. Grays Creek flows southeastward into the Amite River immediately above Port Vincent. Ms. Claverie was responsible for preparing a Drainage Study for Grays Creek from Florida Boulevard (Hwy 190) to Interstate-12 in Livingston Parish. The purpose of the drainage study was to provide Livingston Parish with guidance in planning drainage infrastructure to meet the needs of the Parish. To do so the volume of runoff from Grays Creek drainage basin from Florida Boulevard (Hwy 190) to Interstate-12 was quantified for a the 2-year, 5-year, 10-year, 25-year, 50-year, and 100-year rain events. 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. Recommendations for the drainage improvements and for further study downstream were made.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Dennis Voss, NICET Level IV**		Years of relevant experience with this employer	**50**	
Title	**Senior Engineering Technician**		Years of relevant experience with other employer(s)	**8**	
Degree(s) / Years / Specialization			**Associates Degree/1968/Engineering Technology**		
Active registration number / state / expiration date			**54584/12-01-2026**		
Year registered		Discipline	**Engineering Technician, Level IV**		
Contract role(s) / brief description of responsibilities			**Senior Engineering Technician / Roadway and Drainage Design**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Voss provided Geometric Layouts, Roadway and Drainage Design, Rights-of-Way and Cost Estimates for each project listed below.***
08/11 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA:** Environmental Assessment, Topographic Survey and Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. **All work is being done to LADOTD standards.**
08/16 – 02/20	**Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.
06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound & westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**
06/01 – 05/08	**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA:** *Phase I* consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. *Phase II* consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.
06/99 – 04/10	**LA 1088 Interchange, Route Interstate 12; St. Tammany Parish, LA:** Design for an addition of a fully directional interchange to I-12 at LA 1088. The interchange includes: 6,585 LF of widening LA 1088 from a 2-lane roadway to a 4-lane divided roadway with a 30' depressed median; 8,648 LF of single lane ramps; A new 446 LF westbound 2-lane bridge using AASHTO Type IV precast pre-stressed concrete girders; Drainage included 24", 36", 42", 54", 60" and 72" diameter reinforced concrete and reinforced concrete arch pipes.
01/10 – 12/18	**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Design and Construction Management of $83 million of FEMA funded concrete and asphalt street improvements. N-Y was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors. 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.
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway Bridges and Bypass Road; East Baton Rouge Parish, LA:** Design for new northbound and southbound bridges for the US Highway 61 crossing. The northbound and southbound bridges 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. This project also includes design for 1.2 miles of US 61 bypass road and drainage and the relocation of a 2700 LF segment of Barnett Road. **All work was performed to LADOTD standards and was reviewed by the LADOTD.**
07/20 – N/A On Hold	**New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA:** Design of a new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels. **All work is being done to LADOTD standards.**
09/16 – 12/23	**LA 3234 Extension (LA 1065 to Hammond Airport) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 to improve east-west connectivity through Hammond. The extended roadway segment includes the LADOTD complete Streets policy and pedestrian and bicycle facilities. Several small bridges are also included.

06/08 – 06/25 est.	**Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road; St. John the Baptist Parish, LA:** Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS).
03/14 – 07/18	**US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and roadway, bridge and intersection improvements to US 51. The preferred alternative includes a complete streets cross-section which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.
03/12 – 09/15	**Environmental Assessment for Hooper Road Extension (LA 408); East Baton Rouge and Livingston Parishes, LA:** Engineering, Environmental, and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for roadway and bridge improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative included new sidewalks and 8 ft. wide shoulders suitable for bicycling.
01/11 – 07/12	**Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA:** The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
06/03 – 02/08	**Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA:** Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.
07/04 – 03/08	**Environmental Assessment and Preliminary Engineering for a New Lapalco Boulevard Bridge Crossing the Harvey Canal; Jefferson Parish, LA:** Line & Grade Study and an Environmental Assessment (including Preliminary Engineering Design) for a new westbound, double leaf bascule (moveable span) bridge crossing the Harvey Canal at Lapalco Boulevard parallel to the existing moveable bridge. The project also included the conversion of the existing bridge to an eastbound, three-lane facility with a separate bicycle/pedestrian lane.
03/14 – 07/18	**US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA:** Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and roadway, bridge and intersection improvements to US 51. The preferred alternative includes a complete streets cross-section which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.
03/12 – 09/15	**Environmental Assessment for Hooper Road Extension (LA 408); East Baton Rouge and Livingston Parishes, LA:** Engineering, Environmental, and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for roadway and bridge improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative included new sidewalks and 8 ft. wide shoulders suitable for bicycling.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Noah Jackson, CADD**		Years of relevant experience with this employer	**6**	
Title	**Senior CADD Technician**		Years of relevant experience with other employer(s)	**19**	
Degree(s) / Years / Specialization			**Associates Degree/1985/Engineering Technology**		
Active registration number / state / expiration date			**N/A**		
Year registered	**N/A**	Discipline	**N/A**		
Contract role(s) / brief description of responsibilities			**Senior CADD Technician / Roadway Design**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Jackson provided Engineering CADD services for each project listed below.***
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway 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.
11/21 – 12/25 est.	**Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** The replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05. This project was in conformance with the **LADOTD Hydraulics Manual**.
11/19 – 12/25 est.	**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.
02/21 – 12/25 est.	**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).
06/20 – 06/25	**WSLP-109, Westshore Lake Pontchartrain Levees and Floodwalls; St. Charles Parish, LA:** The work includes: 5580 LF of new levee, 354 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 11' high designed to current HSDRRS criteria; and a multi-culvert crossing of the interior drainage canal at the access road.
06/20 – 06/25	**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 20' high) to current HSDRSS criteria associated with the following 4 West Shore project Drainage Pumping Stations: Reserve Relief Canal Pump Station, I-55 Floodwall & Pump Station, Hope Canal Drainage Structure, and Prescott Canal Drainage Structure.
06/20 – 06/21	**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 pre-fabricated 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.
2018 – 2019	**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.

Firm employed by:	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Karla E. Weston, PE**	Years of relevant experience with this employer	**19**	
Title	**President**	Years of relevant experience with other employer(s)	**6**	
Degree(s) / Years / Specialization		**BS / 1999 / Civil Engineering**		
Active registration number / state / expiration date		**31010 / LA / 03/31/2026**		
Year registered	**2004**	Discipline	**Civil Engineer**	
Contract role(s) / brief description of responsibilities		**CD&C Principal / Project Oversight including Quality Assurance**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mrs. Weston's 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firms' role as a sub-consultant and ensure the work is completed to LADOTD standards.
02/16 – 09/19	**H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA:** Mrs. Weston's served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.
12/13 – 10/19	**H.02960 Gramercy Bridge, St. James Parish, LA:** Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project.
02/14 – 02/15	**H.010620 I-49 Design Build, Lafayette, LA:** Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.
05/13 – 05/14	**H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA:** Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design and coordination with prime consultant team.
01/06 – 12/12	**EBR City / Parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA:** Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.
03/12 – 07/12	**H.009104.5 - Sunshine Bridge Phase 2:** Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.
05/11 – 04/12	**Red River – Jackson Street Bridge, Alexandria, LA:** Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.
06/12 – 10/12	**H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33:** Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 04/12	**H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29:** Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.

Firm employed by:	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Chris Ballard, PLS**	Years of relevant experience with this employer	**8**	
Title	**Survey Manager**	Years of relevant experience with other employer(s)	**19**	
Degree(s) / Years / Specialization		**BS / 2004 / Biological Science**		
Active registration number / state / expiration date		**5033 / LA / 09/30/2026**		
Year registered	**2010** Discipline	**Professional Surveyor**		
Contract role(s) / brief description of responsibilities		**Surveyor / Property Surveys and ROW Maps / Meets MPR No. 4**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/18 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Ballard is the Survey Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Ballard is the Survey Manager for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19 – 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:** Mr. Ballard is the Survey Manager for this project for the East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded through FEMA and all documentation must be in accordance with FEMA's policies and procedures.
01/17 – 12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:** In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Manager on each of these projects, which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.

10/16 – 11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:** Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until fieldwork was completed in less than 3 weeks.
09/17 – 09/17	**H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:** Mr. Ballard is the Survey Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
10/15 – 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 – 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 – 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 – 09/13	**H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:** Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Madison Mills, PLS**	Years of relevant experience with this employer	**3**	
Title	**Survey Project Manager**	Years of relevant experience with other employer(s)	**4**	
Degree(s) / Years / Specialization		**BS / 2016 / Civil Engineering**		
Active registration number / state / expiration date		**5293 / LA / 03/31/2025**		
Year registered	**2022**	Discipline	**Professional Surveyor**	
Contract role(s) / brief description of responsibilities		**Surveyor / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 I-20 UPPR:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 02/23	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish:** Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.
08/21 – Present	**H.011833.5 St. Mary Street Sidewalks; Scott, LA:** Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.

03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:** Mr. Mills served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
02/21 – 07/22	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** Mr. Mills worked as an LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	**H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA:** Mr. Mills worked as an LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA**: Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
07/21 – 11/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	**H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	**H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

Firm employed by:	**Civil Design & Construction, Inc.**				
Name	**Chancey Cothren**		Years of relevant experience with this employer	**1**	
Title	**Land Survey Intern**		Years of relevant experience with other employer(s)	**2**	
Degree(s) / Years / Specialization		**BS / 2023 / Geomatics**			
Active registration number / state / expiration date		**LSI.0000776 / LA / 03/31/2026**			
Year registered	**2023**	Discipline	**Land Surveying Intern**		
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**			

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Cothern is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables.***
06/23 – 08/23	**LA-22:** Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
08/23 – 10/23	**I-10 / LA-44:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
11/23 – 12/23	**Gause Blvd / EI-10 Service Road:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Staton. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 09/22	**USACE: Mississippi River Hydrographic Survey:** Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.
08/23	**USACE: Mississippi River Revetment Restoration:** Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.

Firm employed by:	**Civil Design & Construction, Inc.**				
Name	**Bradley Jacobs, EI**		Years of relevant experience with this employer	**2**	
Title	**Survey Technician**		Years of relevant experience with other employer(s)	**9**	
Degree(s) / Years / Specialization			**BS / 2015 / Civil Engineering**		
Active registration number / state / expiration date			**32456 / LA / 09/30/2025**		
Year registered	**2015**	Discipline	**Engineering Intern**		
Contract role(s) / brief description of responsibilities			**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Jacobs serves as a Survey Technician and will process field crew data and finalize deliverables.***
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – Present	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Jacobs is working as a Survey Technician for this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/15 – 05/15	**Albany Annex:** Mr. Jacobs worked on the boundary survey for extending the town limits of Albany, Louisiana. He went to the courthouse and did title research for the properties that were obtained for the annex. He set the new boundary lines for the new town limits. He also drew the map showing the boundary of the properties that were obtained.
06/15 – 06/19	**Pecue Lane:** Mr. Jacobs worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, he set where the monuments will be in the office. He also calculated the bearings and distances between each right of way monument. He also wrote the legal descriptions for the Right of Way and verified that it matches the maps. He also created the control sketch based off the traverse. All drawings were created up to DOTD Standards. Worked on the horizontal and vertical alignments for the preliminary and final design of the project. Also set up the horizontal and vertical alignments for the detour road. Designed the subsurface drainage systems along with the existing and design drainage maps. Also worked on the drainage report with technical writing, drainage maps, and calculations. Set up the temporary erosion control and set the limits of construction. Worked on the joint layout and calculated the elevations for the graphical grade. Calculated the quantities and cost estimate for the project.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Trent Norris**	Years of relevant experience with this employer	**10**	
Title	**Remote Sensing Technician**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered	Discipline	**NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963** **ATSSA Traffic Control Supervisor, Technician & Flagger**		
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.***
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Norris is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015619.5 LA 685:** Mr. Norris is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Norris is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Norris is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Norris served as the lead Survey Technician on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
12/19 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/16 – 10/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/15 – 12/18	**H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Scott Benton**	Years of relevant experience with this employer	**7**	
Title	**Survey Project Manager**	Years of relevant experience with other employer(s)	**5**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**ATSSA Traffic Control Supervisor, Technician & Flagger**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.***
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015619.5 LA 685:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Benton served as the firm's lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
12/19 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/14 – 10/15	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Benton served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.
10/14 – 12/14	**H.011088.5 West Prien Lake, Lake Charles, LA:** Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide a topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
03/14 – 06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:** Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:** Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Philip Dupree**	Years of relevant experience with this employer	**11**	
Title	**Senior Survey Party Chief**	Years of relevant experience with other employer(s)	**30**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor**	
Contract role(s) / brief description of responsibilities			**Surveying / Property Surveys and ROW Maps**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.***
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015619.5 LA 685:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish, LA:** Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18 – 02/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.
10/15 – 12/18	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.
01/16 – 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Jacob Stoehr**	Years of relevant experience with this employer	**9**	
Title	**Survey Party Chief**	Years of relevant experience with other employer(s)	**2**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**ATSSA Traffic Control Technician, Flagger**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.***
02/23 – 12/23	**H.012027 I 20: Union Pacific RR Overpass:** Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish, LA:** Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
02/19 – 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:** Mr. Stoehr served as a Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the Parish. These projects are being funded thru FEMA and all documentation must be in accordance with FEMA's policies and procedures.
07/17 – 12/18	**H.003184.5 I-10 Texas State Line East of Coone Gully:** Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Drennon Humphreys**	Years of relevant experience with this employer	**3**	
Title	**Survey Party Chief**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**Flagger, TCT**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.***
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – Present	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 05/22	**H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
01/21 – 06/21	**H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA:** Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 05/21	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA:** Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 01/22	**Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Alex Wells**	Years of relevant experience with this employer	**4**	
Title	**Survey Party Chief**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**ATSSA TCS, TCT, Flagger**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.***
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish, LA:** Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/21 – Present	**H.011833.5 St. Mary Street Sidewalks; Scott, LA:** Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
09/22 – 01/23	**BRMA Northwest Aviation Development:** Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish, LA:** Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
02/21 – 05/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Hunter Smith**	Years of relevant experience with this employer	**2**	
Title	**Survey Party Chief**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**ATSSA TCS, TCT, Flagger**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.***
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish, LA:** Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.
08/22 – Present	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.

Firm employed by:	**APS Engineering and Testing, LLC**			
Name	**Sergio Aviles, PE, M.ASCE**	Years of relevant experience with this employer	**12**	
Title	**President**	Years of relevant experience with other employer(s)	**10**	
Degree(s) / Years / Specialization		**BS / 2001/ Civil Engineering-Geotechnical**		
Active registration number / state / expiration date		**33571/ Louisiana / 03/31/2026**		
Year registered	**2007** Discipline	**Professional Engineer: Civil**		
Contract role(s) / brief description of responsibilities		**Project Manager/Design Guidance/Field Crew and Lab Management**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Aviles has over 20 years of experience in geotechnical and civil engineering. After founding APS Engineering and Testing eleven years ago, he continued his work throughout Louisiana working with both government and private entities. Mr. Aviles has extensive experience in design and construction supervision of roadway projects in the state. He has frequently worked with LADOTD performing slope stability analysis, embankment settlement calculations, mechanically stabilized earthen wall design, sheet pile design and pile testing. Mr. Aviles is also proficient in the use of AutoCAD Civil 3D which he utilizes in the design of projects.
09/19 – Present	**Project No. H.004100: I-10 Widening LA 415 to Essen LN:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. APS drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, APS tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Aviles was the Project Manager to the Geotechnical Investigations.
09/19 – Present	**Project No. H.001344: US 190 over Bogue Falaya River:** APS was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. Mr. Aviles was the Project Manager for the Project Design Team.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** Scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the manager of Geotechnical Investigation.
11/19 – 05/24	**Project No. H. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA- 19:** APS was selected with the winning team for the Design of the Diversion CMAR project. APS performed the geotechnical design for the project. The scope also included CE&I services. APS conducted testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. APS performed a total of 4 PDA during construction monitoring. Mr. Aviles served as the Project Manager for the Project Design team.
11/23 – 04/24	**Groom Road Brushy Bayou:** The purpose of this study is to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed structures. A total of 12 borings ranging between 10 and 50 feet in depth were drilled by APS. Services also included conducting laboratory tests on selected samples recovered from the soil borings. Mr. Aviles was the project manager to the geotechnical investigation.
11/23 – 02/24	**Jones Connell Road Bridge Replacement:** The purpose of this study was to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and bridge. APS completed the analysis for the proposed Jones Connell Road Bridge Replacement Design Study in West Feliciana Parish, Louisiana. The scope of services also included subsurface investigation and laboratory testing. Mr. Aviles was the project manager to the geotechnical investigation.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Project Manager for the Project Design team.

05/23 – 10/23	**Project No. H.012027I-20: Union Pacific RR Overpass:** The purpose of this study is to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed structures. Twelve (12) deep borings were drilled by APS. Services also included conducting laboratory tests on selected samples recovered from the soil borings. Mr. Aviles was the project manager to the geotechnical investigation.
03/21 – 11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.):** Scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Aviles was the project manager to the Geotechnical Investigations.
08/21 – 08/22	**Ward Creek at Seigan Lane:** Scope of this project included subsurface investigation to enable an evaluation of an acceptable foundation for the proposed Ward Creek Channel Improvements. APS drilled two (2) deep borings and tested recovered soil for strength and engineering characteristics. Mr. Aviles was the Project Manager to the Geotechnical Investigations.
10/12 – 07/13	**Lakeview Street Reconstruction, New Orleans:** Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. APS drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Aviles was the Project Manager for all Geotechnical services.
05/16 – 10/17	**Project No. H.002861: Earhart Expy/Causeway Interchange, New Orleans:** Scope included geotechnical investigation, design and reporting for the proposed bridge. APS drilled and sampled 49 deep borings. Geotechnical analysis included deep and shallow foundation recommendations, settlement analysis, roadway design, sheet-pile design and LRFD design factor for the existing structure. Mr. Aviles was an Engineer on the Project Design Team.
09/20 – 04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Avenue:** Scope of this project included geotechnical investigation to provide the client with necessary information for the addition of green infrastructure, pedestrian walkways, bridge replacement, and widening of Bluebonnet Boulevard. Nine (9) pavement borings and four (4) soil borings ranging from 10ft to 100ft were performed by APS. Mr. Aviles was the Project Manager to the Geotechnical Investigation.
08/16 – 10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. APS tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by APS Laboratory. Mr. Aviles was the Project Manager to the Geotechnical Investigations.
05/18 – 03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements:** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Aviles was the Project Manager to the Geotechnical Investigations.
03/01 – 05/05	The following list consists of projects that Mr. Aviles did the design or assisted on the design while at LADOTD. These projects include pile design, slope stability, settlement analysis, and construction services (PDA, CAPWAP, and WEAP). **ONSYSTEM PROJECT LIST:** Mr. Aviles served as the staff geotechnical engineer while at the Pavement and Geotechnical Section for the following projects below. Projects include Embank Design, Pile Design, Drilled Shaft Design, MSE Wall Design, and Construction Supervision. Major project costs estimated over one million dollars: 015-04-0037 LA524-LA123 Route US165, 015-05-0035 LaSalle, 015-07-0044 (Route 165 Cadwell, 276-03-0016 Tangipahoa River Bridge, 3132 01-0029, 362-01-0009 Rat Bois, 452-01-0039 I-55 CrossOvers, 742-07- 0098 Susek Drive, Bayou Perrie and Sand Beach Bayou 103-01-0025, Broadway Ave.700-40-0127, Cameron Route La. 27 193-02-0042, Causeway Boulevard interchange Route I-10 450-15-0098,Clayton-Greenville 026-03-0025, Crescent City Connection 283-08-0143(46), Cross Bayou Bridge 090-01-0020, Flannery at Florida 742-17-0008.Innerloop 427

Firm employed by:	**APS Engineering and Testing, LLC**			
Name	**Sairam (Sai) Eddanapudi, ME, PE**	Years of relevant experience with this employer	**12**	
Title	**Chief Engineer**	Years of relevant experience with other employer(s)	**9**	
Degree(s) / Years / Specialization		**MS / 2002 / Civil Engineering** **BE / 1999 / Civil Engineering**		
Active registration number / state / expiration date		**35129/ Louisiana / 03/31/2026**		
Year registered	**2009**	Discipline	**Professional Engineer: Civil**	
Contract role(s) / brief description of responsibilities		**Design Engineer/Laboratory QA Manager**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Sairam (Sai) Eddanapudi is the Senior Geotechnical Engineer for APS Engineering and Testing. He has over 20 years of experience in the geotechnical and civil engineering fields. Mr. Sai's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete. Mr. Sai has experience with the following software: Slope/w (2004 and 2007 versions) for slope stability analyses, Seep/w for seepage analysis, Driven 1.2 (for driven piles), MicroStation V8, CWALSHT and FS004 for slope stability analyses, Swell Potential (for expansive soils), Drilled Shaft Design software, Auger cast pile design Analysis, AASHTO pavement, Slope analysis, and Differential Settlement Analysis.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** Scope included Geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for geotechnical recommendations. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/23 – 04/24	**Groom Road Brushy Bayou:** The purpose of this study is to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed structures. A total of 12 borings ranging between 10 and 50 feet in depth were drilled by APS. Services also included conducting laboratory tests on selected samples recovered from the soil borings. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/23 – 02/24	**Jones Connell Road Bridge Replacement:** The purpose of this study was to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and bridge. APS completed the analysis for the proposed Jones Connell Road Bridge Replacement Design Study in West Feliciana Parish, Louisiana. The scope of services also included subsurface investigation and laboratory testing. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Sai was Chief Engineer for the Project Design team.
09/19 – 05/23	**Project No. H.004100: I-10 Widening LA 415 to Essen LN:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, APS tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Sai was the project QA to the Geotechnical Investigations.
03/21 – 11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.):** Scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Sai was the project QA to the Geotechnical Investigations.

08/21 – 08/22	**Ward Creek at Seigan Lane:** Scope of this project included subsurface investigation to enable an evaluation of an acceptable foundation for the proposed Ward Creek Channel Improvements. A P S drilled two (2) deep borings and tested recovered soil for strength and engineering characteristics. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/19 – 06/22	**Project No. H. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA- 19:** APS was selected with the winning team for the Design of the Diversion CMAR project. APS performed the Geotechnical Design for the project. Mr. Sai was the Senior Design Engineer for the Project Design team.
09/20 – 04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Ave.):** Scope included geotechnical investigation to provide client with necessary information for the addition of green infrastructure, pedestrian walkways, bridge replacement, and widening of Bluebonnet Boulevard. Nine (9) pavement borings and four (4) soil borings ranging from 10ft to 100ft were performed by APS. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
08/16 – 10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. APS tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by APS Laboratory. Mr. Sai was the QA to the Geotechnical Investigation.
03/19 – 05/19	**Project No. H.001344: US 190 over Bogue Falaya River:** APS was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Sai was Senior Design Engineer for the Project Design team.
05/18 – 03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements:** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Sai was an engineer to the Geotechnical Investigations.
05/16 – 10/17	**Project No. H.002861: Earhart Expy/Causeway Interchange, New Orleans:** Scope included geotechnical investigation, design and reporting for the proposed bridge. APS drilled and sampled 49 deep borings. Geotechnical analysis included deep and shallow foundation recommendations, settlement analysis, roadway design, sheet-pile design and LRFD design factor for the existing structure. Mr. Sai was the Project Manger to the Geotechnical Investigation.
10/12 – 07/13	**Lakeview Street Reconstruction, New Orleans:** Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. APS drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Sai was an Engineer to the Geotechnical Investigation.

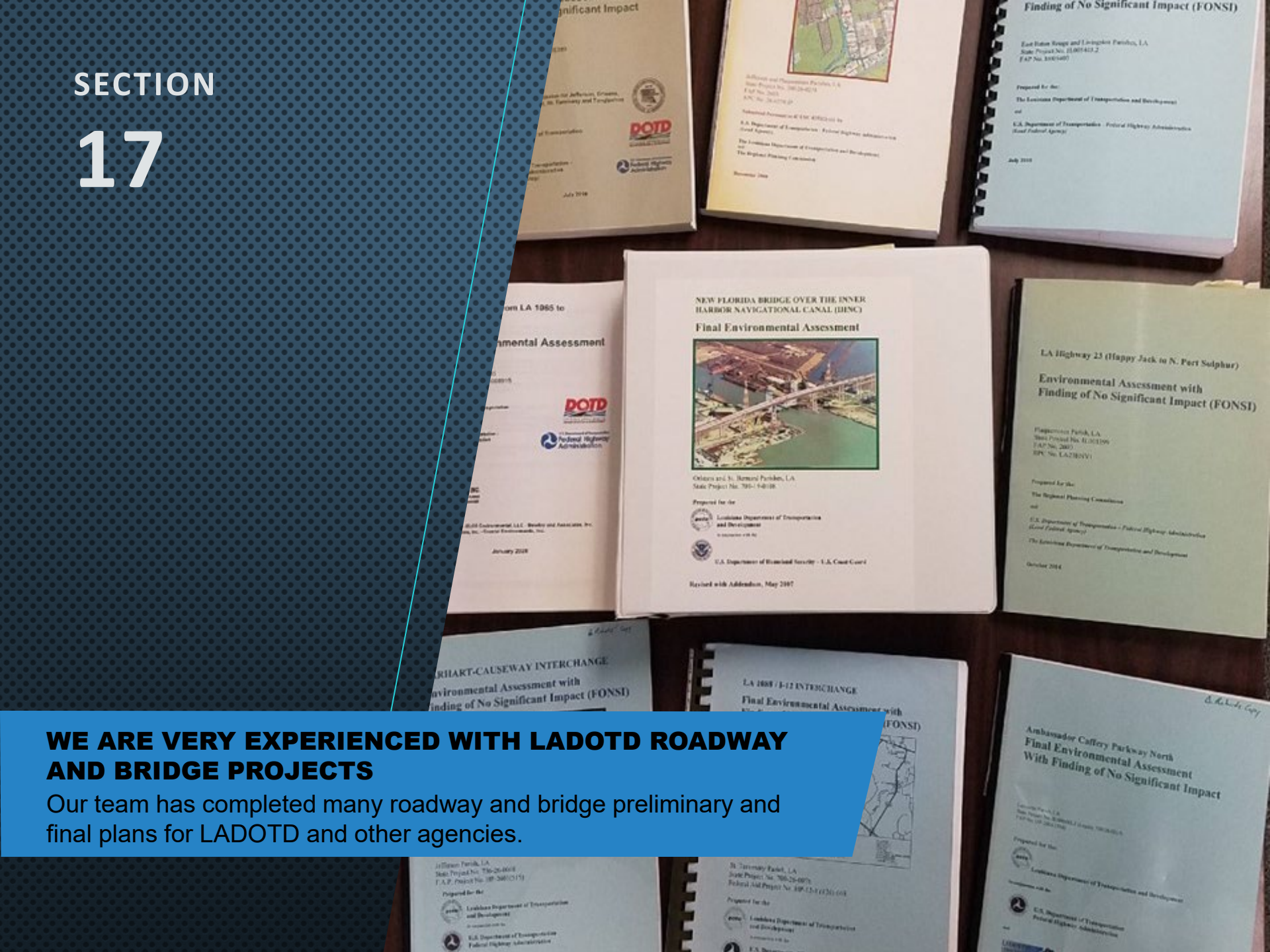
Firm employed by:	**APS Engineering and Testing, LLC**			
Name	**Surendra Pathak, MS, PE**	Years of relevant experience with this employer	**11**	
Title	**Geotechnical Engineer**	Years of relevant experience with other employer(s)	**10**	
Degree(s) / Years / Specialization		**MS / 2013 / Civil Engineering** **BE / 2007 / Civil Engineering**		
Active registration number / state / expiration date		**4348/ Louisiana / 09/30/2025**		
Year registered	**2019**	Discipline	**Professional Engineer: Civil**	
Contract role(s) / brief description of responsibilities		**Design Engineer/QA-QC Field Testing/Laboratory QA**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Surendra Pathak is a Staff Geotechnical Engineer for A P S Engineering and Testing. He has over 15 years in the geotechnical and civil engineering fields. Mr. Pathak received a Master of Science in Civil Engineering (MSCE) from Mississippi State University in 2013, a Master of Science in Civil Engineering from Norwegian University of Science and Technology in 2007, and a B.E. in Civil Engineering from Madan Mohan Malaviya University of Technology (India) in 1998. Mr. Pathak's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete.
06/21 – 08/24	**Rural Bridge Replacement Initiative:** Scope includes Geotechnical investigation and design for the replacement of 60 structures on the LA state highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes slope stability analysis (when applicable) and pile capacity analysis for foundations to support new structures. Mr. Pathak is the Design Engineer to the Geotechnical Investigation.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** Scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was an Engineer to the Geotechnical Investigation.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was a Geotechnical Engineer for the Project Design team.
09/19 – 05/23	**Project No. H.004100: I-10 Widening LA 415 to Essen LN:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, APS tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Pathak was an Engineer to the Geotechnical Investigations.
03/21 – 11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.):** Scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Pathak was an Engineer to the Geotechnical Investigation.
08/21 – 08/22	**Ward Creek at Seigan Lane:** Scope of this project included subsurface investigation to enable an evaluation of an acceptable foundation for the proposed Ward Creek Channel Improvements. A P S drilled two (2) deep borings and tested recovered soil for strength and engineering characteristics. Mr. Pathak was an Engineer to the Geotechnical Investigation.
11/19 – 06/22	**Project No. H. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA- 19:** APS was selected with the winning team for the Design of the Diversion CMAR project. APS performed the Geotechnical Design for the project. Mr. Pathak was a Design Engineer for the Project Desing team.

09/20 – 04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Ave.):** Scope included Geotechnical investigation to provide client with necessary information for the addition of pedestrian walkways, bridge replacement, addition of green infrastructure, and widening of Bluebonnet Boulevard. Nine (9) pavement borings and four (4) soil borings ranging from 10ft to 100ft were performed by APS. Mr. Pathak was an engineer to the Geotechnical Investigations.
08/16 – 10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. APS tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by A P S Laboratory. Mr. Pathak was an engineer to the Geotechnical Investigations.
03/19 – 05/19	**Project No. H.001344: US 190 over Bogue Falaya River:** APS was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Pathak was a Design Engineer for the Project Design team.
05/18 – 03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements:** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Pathak was an engineer to the Geotechnical Investigations.
05/16 – 10/17	**Project No. H.002861: Earhart Expy/Causeway Interchange, New Orleans:** Scope included geotechnical investigation, design and reporting for the proposed bridge. APS drilled and sampled 49 deep borings. Geotechnical analysis included deep and shallow foundation recommendations, settlement analysis, roadway design, sheet-pile design and LRFD design factor for the existing structure. Mr. Pathak was an Engineer on the Project Design Team.

SECTION

17



WE ARE VERY EXPERIENCED WITH LADOTD ROADWAY AND BRIDGE PROJECTS

Our team has completed many roadway and bridge preliminary and final plans for LADOTD and other agencies.

17. **Firm Experience:** Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	**N-Y Associates, Inc.**			Past Performance Evaluation Discipline(s)*	**Road**
Project name	**1. LA Highway 23 Widening (Happy Jack to N. Port Sulphur)**			Firm responsibility (prime or sub?)	**Prime**
Project number	**H.001399**	Owner's name	**A. Regional Planning Commission; B. Plaquemines Parish**		
Project location	**Plaquemines Parish, LA**		Owner's Project Manager	**A. Jeffrey Roesel, AICP; B. *Ken Dugas, PE***	
Owner's address, phone, email	**A. 10 Veterans Blvd., New Orleans, LA 70124 / (504) 483-8528 / jroesel@norpc.org** **B. *333 F Edward Hebert Blvd., Belle Chasse, LA 70037 / (504) 934-6116 / kdugas@ppgov.net***				
Services commenced by this firm (mm/yy)	**A. 08/11; B. *06/16***		Total consultant contract cost ($1,000's)	**$1,934**	
Services completed by this firm (mm/yy)	**A. 12/14; B. *12/25 (E)***		Cost of consultant services provided by this firm ($1,000's)	**$1,614**	

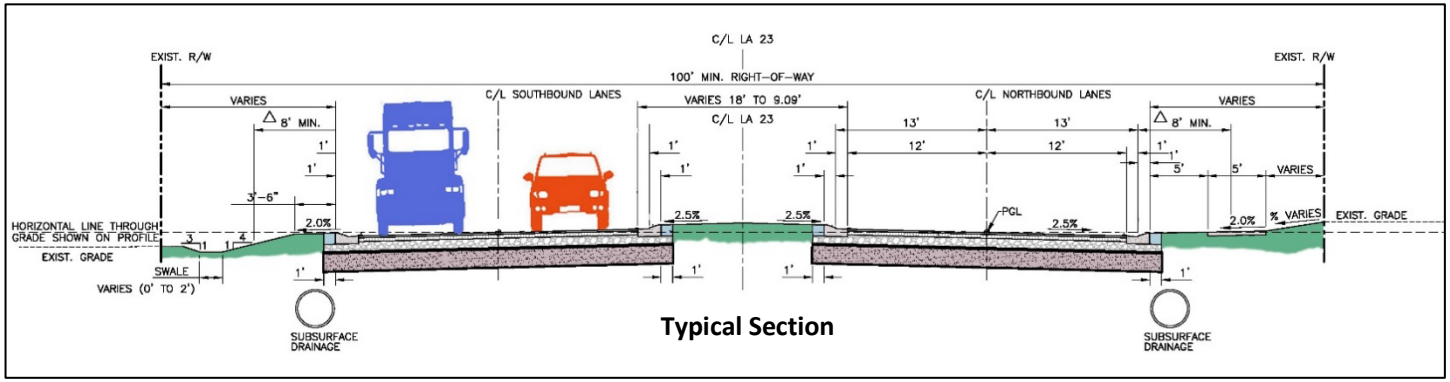
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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

LA Highway 23

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

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



Typical Section

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

Firm Name	**N-Y Associates, Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project name	**2. Roadway and Drainage Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway**	Firm responsibility (prime or sub?)	**Prime**
Project number	**N/A**	Owner's name	**Port of New Orleans**
Project location	**New Orleans, LA**	Owner's Project Manager	**Anthony Evett, PE**
Owner's address, phone, email	**1350 Port of New Orleans Place, New Orleans, LA 70130 / (504) 528-3309 / anthony.evett@portnola.com**		
Services commenced by this firm (mm/yy)	**08/16**	Total consultant contract cost ($1,000's)	**$469**
Services completed by this firm (mm/yy)	**02/20**	Cost of consultant services provided by this firm ($1,000's)	**$275**

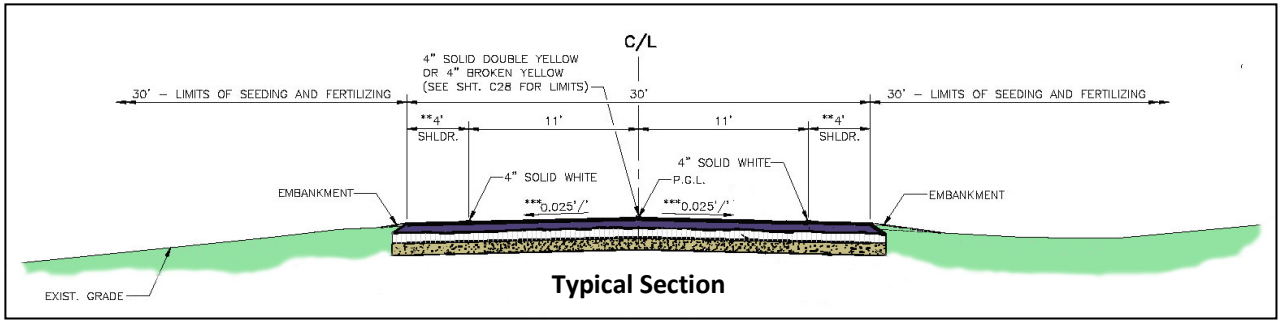
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

Evaluation Report, Design, Bidding and Construction Administration for new Roadway, Drainage and Street Lighting Improvements to 1.5 miles of France Road. Approximately 7600 LF of France Road lies outside of the existing flood protection. The roadway was two, 10' lanes without shoulders.

The Evaluation Report considered alternative lane and shoulder widths, compared estimated roadway reconstruction costs for several proposed pavement sections and included conceptual cost estimates for the alternative lane and shoulder widths.

N-Y designed the full reconstruction of this portion of France Road from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.

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



Typical Section

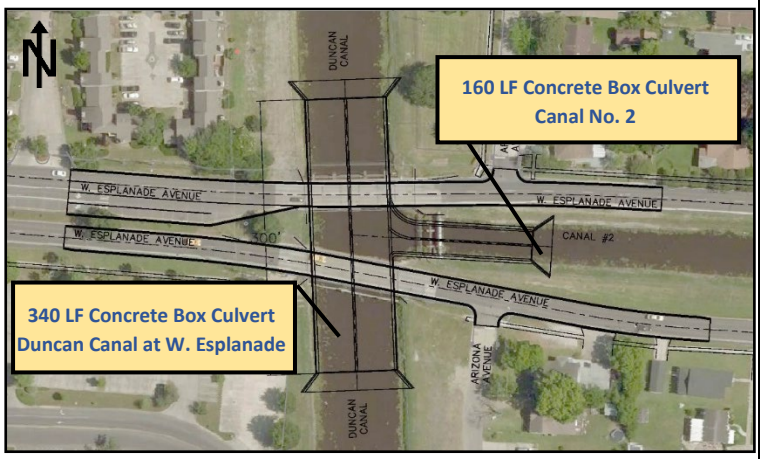
Firm Name	**N-Y Associates, Inc.**			Past Performance Evaluation Discipline(s)*	**Road**
Project name	**3. Improvements to Duncan Canal and West Esplanade Avenue**			Firm responsibility (prime or sub?)	**Prime**
Project number	**H.011731**	Owner's name	**City of Kenner**		
Project location	**Kenner, LA**		Owner's Project Manager	**Jose' Gonzales, PE**	
Owner's address, phone, email	**1801 Williams Boulevard, Kenner, LA 70062 / (504) 468-7240 / jgonzalez@kenner.la.us**				
Services commenced by this firm (mm/yy)	**06/13**		Total consultant contract cost ($1,000's)		**$929**
Services completed by this firm (mm/yy)	**12/23**		Cost of consultant services provided by this firm ($1,000's)		**$504**

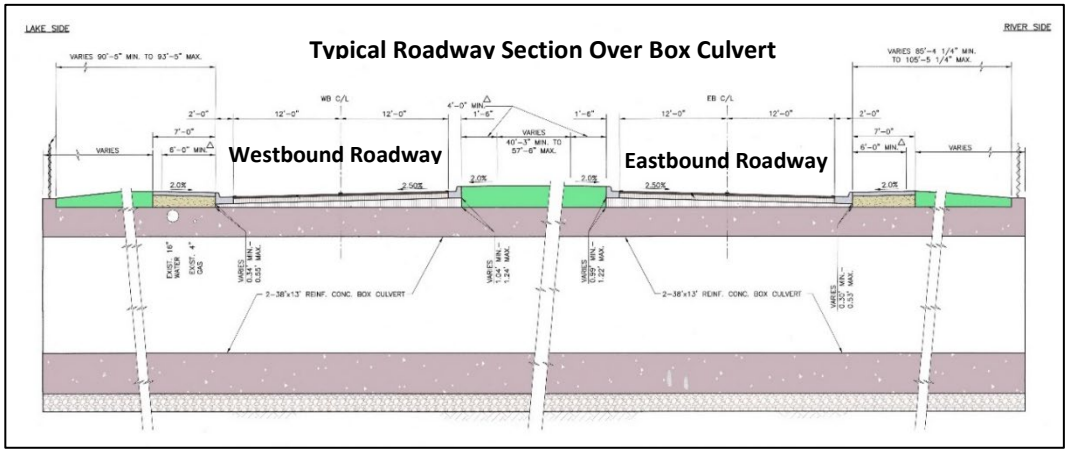
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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

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

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





Firm Name	**N-Y Associates, Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project name	**4. Improvements to Destrehan Avenue, Phases I and II**	Firm responsibility (prime or sub?)	**Prime**
Project number	**N/A**	Owner's name	**Jefferson Parish**
Project location	**Jefferson Parish, LA**	Owner's Project Manager	**Mark Drewes, PE**
Owner's address, phone, email	**1221 Elmwood Park Blvd., Harahan, LA 70123 / (504) 736-6783 / mdrewes@jeffparish.net**		
Services commenced by this firm (mm/yy)	**Phase I: 06/01** **Phase II: 06/02**	Total consultant contract cost ($1,000's)	**Phase I: $999** **Phase II: $788**
Services completed by this firm (mm/yy)	**Phase I: 08/07** **Phase II: 05/08**	Cost of consultant services provided by this firm ($1,000's)	**Phase I: $864** **Phase II: $708**

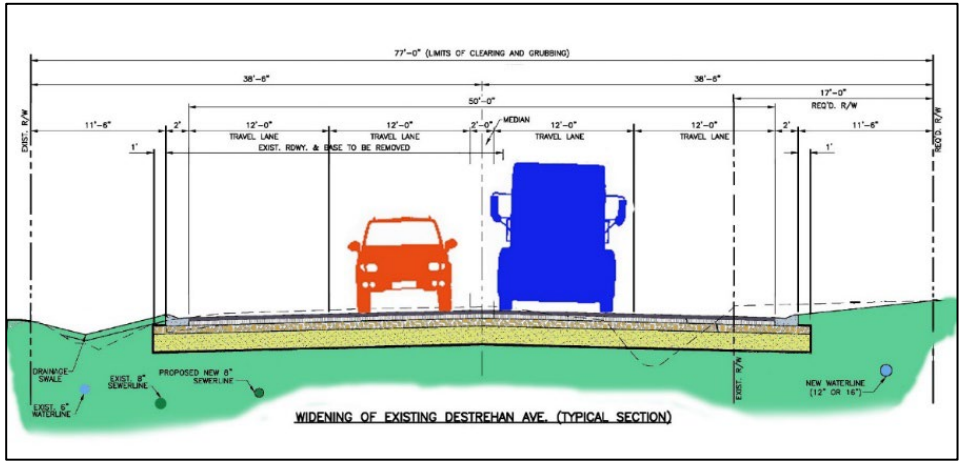
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Phase I: Design, bidding, construction administration, resident inspection property surveys, topographic surveys, right-of-way maps, and traffic signalization for improvements to Destrehan Avenue, from LaPalco Boulevard to Patriot Street, consisting of **widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb and gutter, swale ditches, and subsurface drainage.**

The project also included the relocation of a sewer lift station and widening, lengthening, and raising a three-span, prestressed, precast concrete girder bridge.

Phase II: Design, bidding, construction administration, resident inspection, property surveys, topographic surveys, right-of-way maps, and traffic signalization for improvements to Destrehan Avenue from Patriot Street to the Westbank Expressway, (LA 3018) consisting of **widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb and gutter, swale ditches, subsurface drainage, and asphaltic concrete.** This phase of the project was re-aligned to improve access to the Harvey Tunnel.

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



Firm Name	**N-Y Associates, Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project name	**5. Program Management of the FEMA Submerged Roads Program for the East Bank of Jefferson Parish**	Firm responsibility (prime or sub?)	**Prime**
Project number	**N/A**	Owner's name	**Jefferson Parish**
Project location	**Jefferson Parish, LA**	Owner's Project Manager	**Mark Drewes, PE**
Owner's address, phone, email	**1221 Elmwood Park Blvd., Harahan, LA 70123 / (504) 736-6783 / mdrewes@jeffparish.net**		
Services commenced by this firm (mm/yy)	**01/10**	Total consultant contract cost ($1,000's)	**$2,723**
Services completed by this firm (mm/yy)	**12/18**	Cost of consultant services provided by this firm ($1,000's)	**$1,770**

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Design and Construction Management of $83 million of FEMA funded concrete and asphalt pavement replacement 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 also 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.

CONSTRUCTION IN PROGRESS
HARVARD AVENUE

Project Schedule: **Monitoring the project Schedule was a critical Program Management task.** Each project included approx. 90 city blocks which required coordination with other Owner utility work in progress to avoid conflicts. Projects were also scheduled and bid to prevent local construction resources from being strained. The 20 construction projects were substantially completed by June 2016, which is 4 years and 6 months from project commencement. This time period included the negotiation of each of the engineering design contracts and the design itself. Because the Program Manager prepared the schedules and processed all invoices, construction progress was readily determined, and contractors were promptly notified if progress was not acceptable. **The Program was completed on schedule.**

Project Budget: **Monitoring and tracking the project budget was the other most critical Program Management task.** N-Y was the sole Program Manager for the East Bank Concrete and Asphalt Program – but was responsible to track and monitor the entire $100 million East Bank ($83 million) and West Bank ($17 million) project budget. This included tracking the following costs for each of the twenty (20) construction projects: Design, Construction, Materials Testing, Resident Inspection, and Program Management. Because the Owner was also paying for additional "ineligible" work that it wanted done on certain projects, FEMA "eligible" vs. "ineligible" costs were also tracked. **The Program was completed within the $100 million budget.**

N-Y MEMBERS
F. Mortali, PE
J. Simmons, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA

Project Reporting: **The following reports are examples of the project management tools and reports which N-Y used to manage this $100 million project:**

- **Report 1: Submerged Road Program Management: East Bank Projects – Construction Schedule Report.**
- **Report 2: Submerged Road Program Management: Project Budget Tracking Reports – Concrete and Asphalt.** Please note that the Owner elected to perform approximately $5 million of additional work that was not eligible for FEMA reimbursement.
- **Report 3: Submerged Road Program Management: Cost Projection Report.** Please note that the Owner has elected to perform approximately $5 million of additional work that is not eligible for FEMA reimbursement.
- **Report 4: Submerged Road Program Management: FEMA Report.** This is a concise summary report of the status of the individual East Bank construction projects.

Firm Name	**Civil Design and Construction, Inc.**			Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**6. US 190 Superstreet**			Firm responsibility (prime or sub?)	**Sub**
Project number	**H.005733.5**	Owner's name	**LADOTD**		
Project location	**St. Tammany Parish, LA**		Owner's Project Manager	**Josh Harrouch**	
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, Louisiana, 70802 / 225-379-1232 / Joshua.harrouch@la.gov**				
Services commenced by this firm (mm/yy)	**01/16**	Total consultant contract cost ($1,000's)		**N/A**	
Services completed by this firm (mm/yy)	**08/16**	Cost of consultant services provided by this firm ($1,000's)		**$207**	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project Description: This project was the topographic survey of US 190 in Covington. The survey limits were along a portion of the existing routes of US 190, Holiday Square Frontage Road, US 190 Service Road, Holiday Blvd., Holycrest Plaza Driveway, Louis Prima Drive, Park Place Drive, Lake Drive, Crestwood Blvd., 9th Avenue, Three Rivers Road, River Highlands Blvd., Harrison Ave., Maple Ridge Ave., North 12th Street, Sunshine Ave., North 6th Street, Riverside Drive, and North 2nd Street and is approximately 2.9 miles in length.

CD&C's Role: CD&C's role was to provide the complete topographic survey and drainage map for this project including all utility coordination. The survey begins at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. The width of the survey and DTM extended to the Western Edge of Pavement to Eastern Edge of Pavement along US 190 and tied in with the existing topographic features picked up on the previous survey done under H.011137.5 and H.011152.5 (Interstate 12 Survey). This also included cross sectioning a portion of the Abita River in the project area. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures. All deliverables were in LADOTD required formats. **3D Terrestrial Scanning** was used in conjunction with traditional means and methods to complete this project.

Team Members Involved: Karla Weston, PE, Ralph Burgess, PLS, Survey Manager; Christopher Ballard, PLS Survey Project Manager; Philip Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician

Performed in LA: 100%

Firm Name	**Civil Design and Construction, Inc.**	Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**7. St. Mary Street Sidewalks**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.011833.5**	Owner's name	**LADOTD**
Project location	**Scott, LA**	Owner's Project Manager	**Ryan Richard**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, Louisiana, 70802 / 225-379-1232 / ryan.richard@la.gov**		
Services commenced by this firm (mm/yy)	**08/21**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**08/23**	Cost of consultant services provided by this firm ($1,000's)	**$65**

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project Description: This project in Scott, LA, is to improve pedestrian movement and add sidewalks along the corridor. The survey limits began approximately 200' before the centerline intersection of St. Mary Street and Park West Drive, then continued south to the intersection of St. Mary Street and Cameron Street (LA 93) for estimated total distance of one (1) mile. The survey width included ten {10)feet outside of the apparent right of way. All side streets were surveyed a distance of sixty (60) feet from the intersection of the centerline with St. Mary Street Centerline.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. **CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B** however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.

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Team Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; CJ Goodspeed, SUE PM; Tracey Smith, SUE Field Coordinator; Phil Dupree, Sr. Party Chief; Trent Norris, 3D Scanning Tech; Scott Benton, 3D Scanning Tech; Alex Wells, Party Chief; Jason Stoehr, Party Chief; Drennon Humphreys, Instrument Man; Madison Mills, PLS, Survey Tech

Performed in LA: 100%

Firm Name	**Civil Design and Construction, Inc.**			Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**8. Verot School Road**			Firm responsibility (prime or sub?)	**Sub**
Project number	**H.011235**	Owner's name	**LADOTD**		
Project location	**Lafayette, LA**			Owner's Project Manager	**Stephen Glascock**
Owner's address, phone, email	**922 W. Point Des Mouton Rd., Lafayette, LA 70507 / 337-234-3798 / tgattle@huvalassoc.com**				
Services commenced by this firm (mm/yy)	**08/16**	Total consultant contract cost ($1,000's)			**N/A**
Services completed by this firm (mm/yy)	**Present**	Cost of consultant services provided by this firm ($1,000's)			**$435**

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project Description: This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

CD&C's Role: CD&C performed a complete topographic survey of the project site by using **3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits.** Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. CD&C also researched and compiled an existing right of way linework for the prime consultant to use for exhibits for the project. In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

Team Members Included: Karla Weston, PE; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; John Ewing, Survey Tech; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief

Performed in LA: 100%

Firm Name	**APS Engineering and Testing, LLC**	Past Performance Evaluation Discipline(s)*	**Geotech**
Project name	**9. US-90 Railroad Overpass (S. East of LA-85)**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.010155**	Owner's name	**LADOTD**
Project location	**Iberia Parish, LA**	Owner's Project Manager	**Nicci D. Gill**
Owner's address, phone, email	**13016 Justice Ave., Baton Rouge, LA 70816/ 225-296-1335/ ngill@skanger.com**		
Services commenced by this firm (mm/yy)	**11/19**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**12/23**	Cost of consultant services provided by this firm ($1,000's)	**$105**

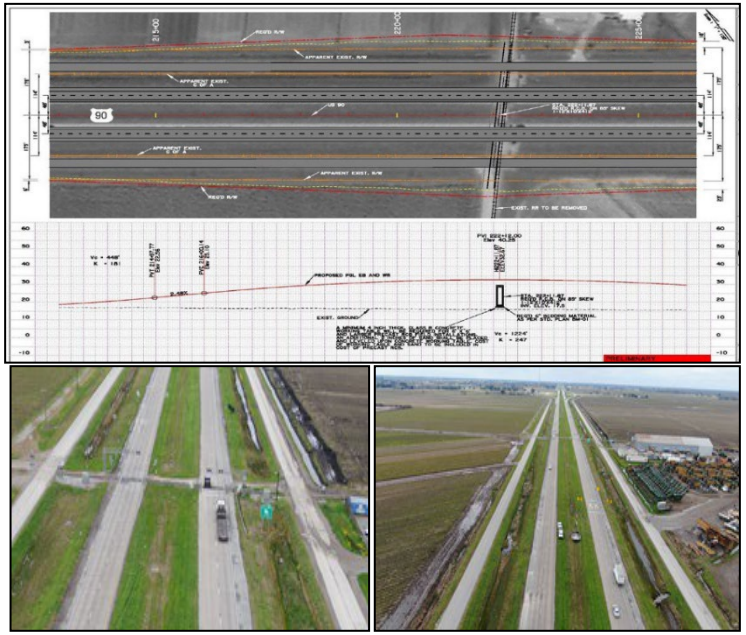
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

SCOPE- Geotechnical investigation to provide the client with necessary information for planning and design of a 12ft. X 12ft. RCB, 412ft. in length. APS drilled a total of twelve (12) borings to a depth of 120ft. each. Undisturbed samples were continuously obtained from the ground surface to a depth of twenty (20) feet and at five (5) feet centers thereafter. A laboratory testing program was conducted to determine pertinent engineering characteristics of the subsurface material. This program included visual description and classification, determination of moisture content, liquid limit, plastic limit and plasticity, unconsolidated-undrained triaxial compression, and one-dimensional consolidation. Geotechnical analysis also included MSE was embankment settlement, stability analysis, pile capacity analysis, design, and general construction recommendations.

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	Constructability
X	Contract Management (CM)

APS Members
Sergio Aviles, PE
Sai Eddanapudi, ME, PE
Surendra Raj Pathak, MS, PE



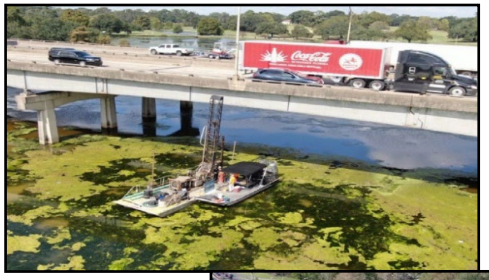
Firm Name	**APS Engineering and Testing, LLC**	Past Performance Evaluation Discipline(s)*	**Geotech**
Project name	**10. I-10 Widening LA 415 to Essen LN**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.004100**	Owner's name	**LADOTD**
Project location	**Baton Rouge, LA**	Owner's Project Manager	**Kristy Smith, PE**
Owner's address, phone, email	**1201 Capital Access Rd., Baton Rouge, LA 70802-4438/ 225-379-1016/ kristy.smith2@la.gov**		
Services commenced by this firm (mm/yy)	**09/19**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**05/23**	Cost of consultant services provided by this firm ($1,000's)	**$400**

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

SCOPE- Geotechnical investigation to provide the client with necessary information for the planning and design of I-10 widening. APS drilled and sampled a total of 52 deep borings beginning at the Washington Exit and ending at the LSU lakes. Along with drilling and sampling, APS tested for strength and engineering characteristics of the soils. The testing program included visual classification, determination of water (moisture) content, ash content, organic material of peat and other organic soils, amount of materials finer that 75-µm (No. 200) sieve in soils by washing, and approximately 1,000 triaxial compression, unconsolidated drained or undrained (UU) and Atterberg limits performed.

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	CMAR
X	Constructability
X	Contract Management (CM)



APS Members
Sergio Aviles, PE
Sai Eddanapudi, ME, PE
Surendra Raj Pathak, MS, PE

Firm Name	**APS Engineering and Testing, LLC**			Past Performance Evaluation Discipline(s)*	**Geotech**
Project name	**11. Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge**			Firm responsibility (prime or sub?)	**Sub**
Project number	**H.001352; H.002273**	Owner's name	**Huval & Associates, Inc.**		
Project location	**East Baton Rouge, LA**		Owner's Project Manager	**Thomas M. Gattles III, PE**	
Owner's address, phone, email	**922 West Pont Des Mouton Rd,. Lafayette, LA 70507 / 337-264-3798/ tgattle@huvalassoc.com**				
Services commenced by this firm (mm/yy)	**11/19**	Total consultant contract cost ($1,000's)		**N/A**	
Services completed by this firm (mm/yy)	**06/22**	Cost of consultant services provided by this firm ($1,000's)		**$150**	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

SCOPE- Geotechnical investigation to provide the client with necessary information for planning and building of LA-19 bridge (slope-stability/embankment), LA-19 RR bridge (embankment/MSE wall settlement/retaining wall), LA-19 twin bridges (PPC piles), LA-67 bridge (drill shafts). APS drilled and sampled a total of 19 borings ranging from 50ft - 100ft in depth. Testing of soils was performed in-house by APS laboratory. The testing schedule included visual classification, standard methods for determining water (moisture) content, liquid limit, plastic limit and plasticity, unconsolidated-undrained triaxial compressions, and one-dimensional consolidations.

As the project moved into the construction phase, APS provided geotechnical and structural construction services including PDA instrumentation, testing, and CAPWAP analysis.

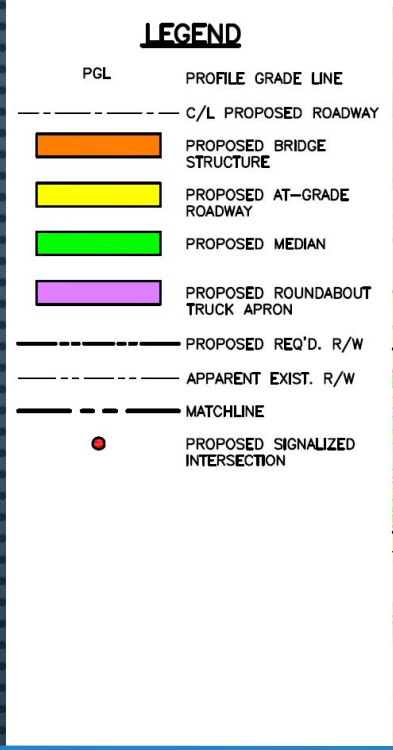
SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	CMAR
X	Constructability
X	Contract Management (CM)

APS Members
Sergio Aviles, PE
Sai Eddanapudi, ME, PE
Surendra Raj Pathak, MS, PE

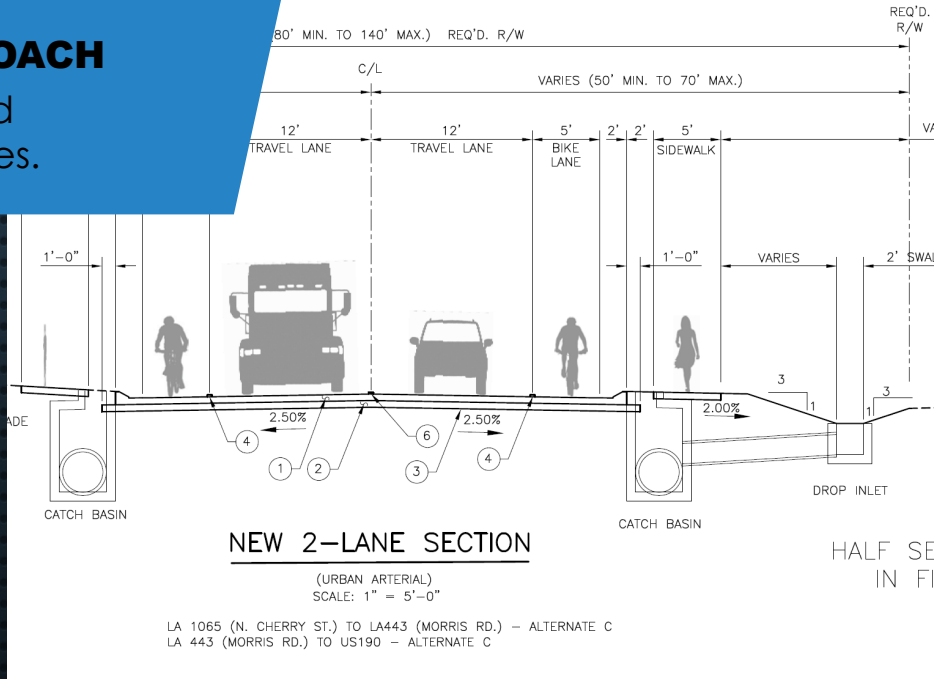
SECTION

18



WE HAVE A PROVEN YET INNOVATIVE APPROACH

We will complete this project using both established methods and innovative approaches and processes.



18. **Approach and Methodology:** Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

Project Understanding

A. Firm Experience

The N-Y team has decades of LADOTD experience and a solid understanding of the key issues of this project. Under the supervision of Jim Simmons, PE, over the last 30 years, N-Y has completed numerous roadway and bridge design projects, many for LADOTD. Examples of this work include the LA 23 Highway Widening in Plaquemines Parish (roadway design and environmental), a new LA 1088 interchange at I-12 in St. Tammany Parish (roadway/bridge design and environmental) and new US Highway 61 Bridges in East Baton Rouge Parish (bridges and bypass roadway).

N-Y has also provided professional engineering services continuously for roadway enhancement and reconstruction projects for NODPW since 1980. Over the past forty-five (45) years, N-Y has designed and provided construction engineering and resident inspection for the reconstruction of over twenty (20) miles of concrete and asphalt streets in the City of New Orleans.

B. Understanding of Project Scope

Given the large backlog of roadway needs in Louisiana, the N-Y team understands the importance of maintenance and repairs to extend the life of roadway pavements. We will work with Districts 02, 03, 07, 61 and 62 to deliver these projects on schedule for design and construction.

N-Y understands that in addition to extending the pavement life, these projects may also improve driver safety and reduce traffic delays.

The projects may be pavement rehabilitation or replacement.

We will provide design solutions in accordance with applicable LADOTD's Minimum Design Guidelines, the Pavement PPR (Preservation, Replacement, or Rehabilitation) Minimum Design Guidelines, and the 3R Minimum Design Guidelines.

C. Project Approach

In order to ensure efficient project management, N-Y's project manager (James Simmons, PE) will serve as the primary point of contact and see that deliverables are submitted in accordance with the approved project schedule and LADOTD design criteria.

Mr. Simmons will maintain communication with the LADOTD throughout the project and manage our staff to complete projects on schedule. Applicable permitting agencies, landowners, utilities, and others will also be "kept in the loop" with appropriate communications.

Project Methodology

N-Y will follow the scope of services and the procedures outlined in the LADOTD Road Design Manual, including: the Guidance for PRR Projects, 3R Minimum Design Guidelines, Pavement PRR Minimum Design Guidelines, and Minimum Design Guidelines. The project will also be reviewed using the LADOTD Guidance for Safety Improvements for PRR Projects. A sample project schedule is included below.

A. Kickoff

1. Receipt of Notice to Proceed (NTP)
2. Field Review of drainage, utilities, and other potential issues.
3. Prepare Pre-Design criteria, using the LADOTD Minimum Design Guidelines, for review and discussion at the Kickoff meeting.
4. Prepare project schedule for review and discussion at the Kickoff meeting.
5. Request and review all available traffic data, geotechnical data, pavement design, as-built plans, pavement reports, and any other available data for discussion at the Kickoff meeting.
6. Schedule, budget, invoicing, communications protocol and other project management procedures will also be discussed.
7. Prepare and distribute minutes from the Kickoff meeting to all attendees.

B. Field Reconnaissance

N-Y will perform field reconnaissance to review the site conditions and identify any constraints that may impact design or construction. This allows us to determine if the pavement condition from past reports is current or if further damage has occurred. Other issues that may need to be addressed include drainage structures, utilities, patches or base failures. CD&C will identify proposed survey limits for LADOTD approval.

C. Topographic Surveys & Geotechnical Borings

CD&C will perform survey services to provide topographic surveys and other field information necessary for the design. CD&C will ensure that the topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LADOTD.

APS will provide any required geotechnical engineering services.

For projects that include minor rehabilitation, major rehabilitation or replacement, the surveyor and the geotechnical engineer will follow the processes outlined in EDSM I.1.1.11, Data for Design of Pavement Preservation Projects. Required roadway, bridge, drainage structures, guardrails, & traffic information will be submitted to the area engineer, design engineer, district traffic operations engineer, and district laboratory engineer for review.

D. Preliminary / Final Roadway Design and Probable Cost

N-Y will follow the Guidance for PRR Projects, 3R Minimum Design Guidelines, and Pavement PRR Minimum Design Guidelines and Minimum Design Guidelines. The PRR Report will be used to document decisions and identify any Design Waivers or Design Exceptions that are required. A draft PRR report will be submitted along with the preliminary and final plan submittals including any anticipated design waivers or design exceptions.

N-Y will perform quality assurance reviews to see that all required items are included, accurate and meet LADOTD criteria at each submittal milestone.

a. 30% Preliminary Plans

i. Conduct field reviews, update design criteria and minimum design guidelines.
ii. Topographic survey, including apparent right-of-way and traffic data.
iii. Pavement design, soil boring and pH/ resistivity data and utility review.
iv. Plan Sheets include plan and profile sheets with existing topo, horizontal and vertical alignment, typical sections, title sheet.

b. 60% Preliminary Plans

i. Revise based upon comments received at the 30% Preliminary Plan review.
ii. Existing and proposed hydraulics calculations and map.
iii. Plan and profile sheets including revised horizontal and vertical alignments, geometric details, cross sections, typical sections, existing and proposed drainage, any utility recommendations, earthwork computations, preliminary rights-of-way, and sequence of construction and signing.

c. 95% Preliminary Plans (Plan-In-Hand)

i. Revise based upon comments received at the 60% Preliminary Plan Review.
ii. Preliminary QA/QC and a pre-plan-in-hand review before the plan-in-hand is distributed.
iii. Title sheet, typical sections, plan and profile, including rights-of-way taking lines, existing and proposed drainage, geometric details, sequence of construction, construction signing, summary of estimated quantities, and cross sections.
iv. Plan-in- hand meeting - attendees to include LADOTD, municipal/parish representatives and the design team. N-Y will document comments received.

d. 100% Preliminary Plans

i. Revise based upon comments received at the 95% Plan-In-Hand Review.
ii. Final rights-of-way taking lines added to survey.
iii. Permit sketches, if needed: Environmental clearance may also be needed.
iv. Preliminary cost estimate.

e. 60% Final Plans

i. Revise based upon comments received at the 100% Preliminary Plan Review.
ii. Final typical sections and hydraulic design.
iii. Summary sheets and tables, joint layouts, graphical grades, right-of-way maps, horizontal and vertical geometry, traffic signal design, construction notes.

f. 95% Final Plans

i. Revise based upon comments received in 60% Final Plan Review.
ii. Revise preliminary cost estimates and summary tables.
iii. Final QA/QC Check, Constructability review form and Special Provisions.
iv. Assemble Plans and do pre-advance check prints review (90% Final)

g. 98% Final / 100% Final Plans

i. Advance check print comments addressed, revise plans and cost estimates as required.
ii. Final cost estimate, specifications, and any Special Provisions.
iii. SWPPP and final design report if required.
iv. Signed and sealed plans transmitted to LADOTD.

E. Hydraulic Analysis and Design

N-Y will provide the hydraulic analysis and design of the drainage features as specified in the LADOTD Hydraulics Manual to provide adequate drainage along the roadway and surrounding areas.

F. Quality Assurance

N-Y's Quality Assurance procedures meet LADOTD requirements and require that each team member follows these procedures to ensure accurate work. An independent technical reviewer (ITR) checks all deliverables and meets with the designer to address any potential deficiencies.

G. Environmental Services (if required)

N-Y will provide drawings necessary to obtain any required permit(s). N-Y also has experience preparing exhibits, technical presentations and attending/managing Public Meetings and Hearings for LADOTD projects.

H. Construction Support

N-Y can also provide construction support and construction engineering services. N-Y can provide shop drawing reviews, and plan revisions to address unforeseen conditions. Construction Support also includes reviewing Requests for Information (RFIs) from the Contractor and promptly responding.

I. Conclusion

The N-Y team will be immediately available to commence work upon receipt of an NTP. N-Y and our subconsultants have sufficient staff and resources to meet the needs of LADOTD regardless of our other on-going work.

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

Sample Project Schedule

IDIQ Contract for Pavement Preservation
Contract No. 4400030060

TASKS	MONTHS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
SAMPLE PRESERVATION PROJECT SCHEDULE													
Assemble and Study Existing Data: As-Built Plans/ Improvement Studies/ Boring Information/ Traffic Data													
Site Visit / Field Reconnaissance													
PREPARATION OF PRELIMINARY PLANS													
Kickoff Meeting													
Traffic Counts (if required)													
Prepare location plan for borings (if required)													
Perform Sampling and/or Testing and Reporting of Borings (if required)													
Perform Topographic Survey													
PRR Report													
Submit Preliminary Plans for PM review													
Address PM review comments prior to Site Inspection													
Site Inspection													
Prepare Special Specifications													
Prepare Opinion of Probable Cost													
Complete Preliminary QC Checklist & QA/QC													
Submit Design Report, Design Exceptions, Design Waivers and Storm Water Pollution Prevention Plan													
Submit Preliminary Plans with Constructability/Biddability Form													
PREPARATION OF FINAL PLANS													
Constructability Review													
Final Plan QA/QC													
Prepare and Submit Opinion of Probable Cost													

SECTION

19

WE HAVE THE CAPACITY AND MANPOWER FOR THE JOB

Our team's staffs are capable, proven and available to complete this project in a timely and efficient fashion.

19. **Workload:** For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria: 1) one of the team's firms is responsible for the performance of the work; 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity; 3) the work has not yet been performed and invoiced; and 4) the work is not currently suspended for an indefinite period of time.
For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	Contract Number and State project number	Project name	Remaining unpaid balance**
N-Y Associates, Inc.	Bridge	4400019337/H.014243	Rural Bridge Replacement Initiative - Phase II - LA 472, Grant Parish	$529
	Bridge	4400019337/H.014245	Rural Bridge Replacement Initiative - Phase II - LA 119, Natchitoches Parish	$33,362
	Bridge	4400019337/H.014246	Rural Bridge Replacement Initiative - Phase II - LA 1199, Rapides Parish	$812
	Environmental	4400019337/H.014247	Rural Bridge Replacement Initiative - Phase II - LA 399, Vernon Parish	$380
	Bridge	4400019337/H.014248	Rural Bridge Replacement Initiative - Phase II - LA 124, Catahoula Parish	$7,685
	Bridge	4400019337/H.014250	Rural Bridge Replacement Initiative - Phase II - LA 577, Franklin Parish	$420
Civil Design & Construction, Inc.	Survey	4400005673/H.011235.5	I-49 South @ Verot School Rd	$60,809
APS Engineering and Testing, LLC	Geotech	4400091011	Retainer Contract for Geotechnical Services	$121,200
		4400017262/ H.012545	Wiggins Bayou Bridge	$1,185
		4400091011/ H.015025.5	McLin Road Over Darling Creek	$13,365
		4400091011/ H.014992.5	McHugh Road Over Brushy Bayou	$37,500
		4400091011/ H.001711	Saline Bayou Relief & Mill Creek Bridge	$110,632

DO NOT SUM

* The only past performance evaluation disciplines are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, please place N/A in the remaining unpaid balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

SECTIONS

20-23

QUALIFICATIONS AND QUALITY

Our team meets and exceeds the required qualifications for the project and strives for outstanding quality on every project we undertake.

20. **Certifications/Licenses:** If the advertisement requires submission of licenses and/or certificated, include them here. Otherwise, leave this section blank.

Professional Engineering Licenses

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

Mr. Frank Nicoladis

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

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. James E. Simmons

License/Certificate Type - Number	Expiration Date
PE.0019891	09/30/2025

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. Constantine Frank Nicoladis

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

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. Fred Charles Mortali

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

Status: Active

Professional Engineering Licenses

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: PE.0013375
Expiration Date: 03/31/2026
Status: Active

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

Mr. Steven Mark Fall Sr.

License/Certificate Type - Number: PE.0023634
Expiration Date: 03/31/2026
Status: Active

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

Mr. Neil D. Logan

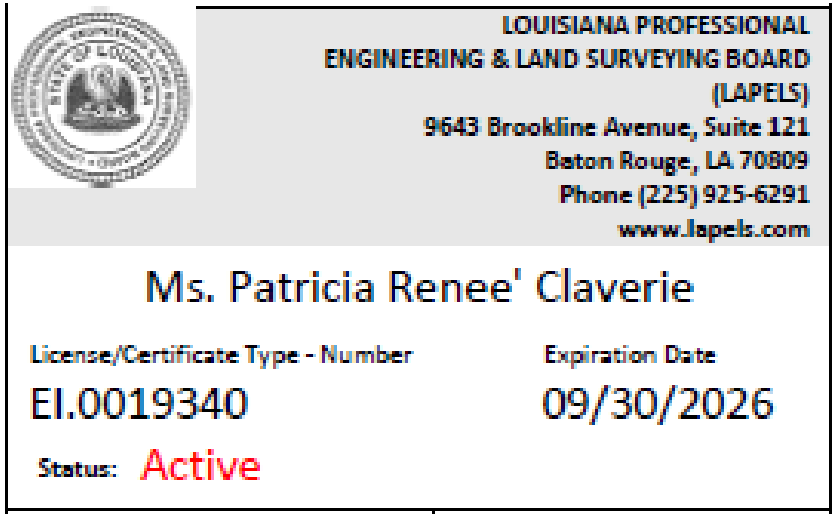
License/Certificate Type - Number: PE.0014607
Expiration Date: 03/31/2025
Status: Active

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

Mr. Michael F. Nicoladis

License/Certificate Type - Number: EI.0008705
Expiration Date: 09/30/2025
Status: Active

Professional Engineering Licenses



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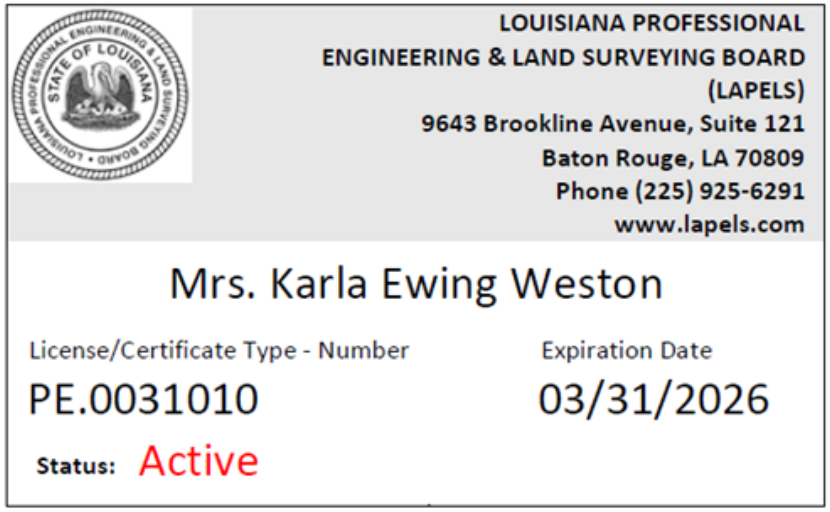
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Patricia Renee' Claverie

License/Certificate Type - Number: EI.0019340
Expiration Date: 09/30/2026
Status: Active



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

Mrs. Karla Ewing Weston

License/Certificate Type - Number: PE.0031010
Expiration Date: 03/31/2026
Status: Active

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

Mr. Bradley Christopher Jacobs

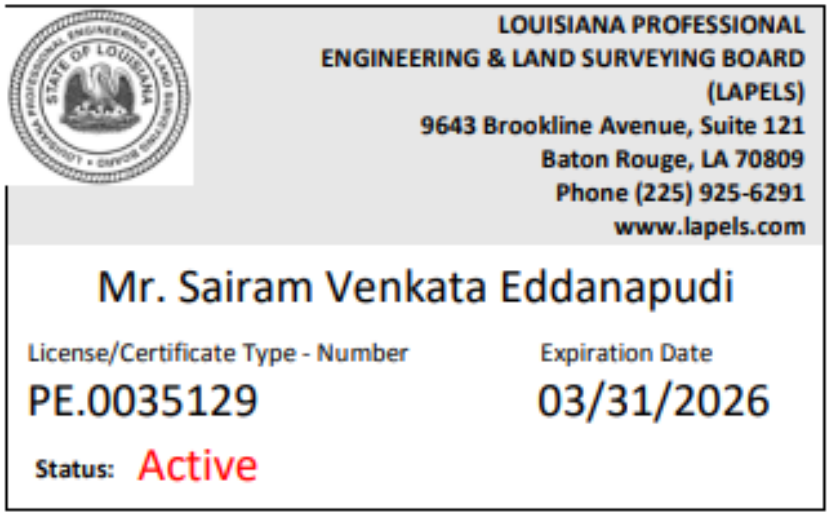
License/Certificate Type - Number: EI.0032456
Expiration Date: 09/30/2025
Status: Active

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

Mr. Sergio L. Aviles

License/Certificate Type - Number: PE.0033571
Expiration Date: 03/31/2026
Status: Active

Professional Engineering Licenses



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

Mr. Sairam Venkata Eddanapudi

License/Certificate Type - Number
PE.0035129

Expiration Date
03/31/2026

Status: Active

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

Mr. Surendra Raj Pathak

License/Certificate Type - Number
PE.0043487

Expiration Date
09/30/2025

Status: Active

Professional Surveyor Licenses

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

Mr. Christopher Lyle Ballard

License/Certificate Type - Number: PLS.0005033
Expiration Date: 09/30/2026

Status: Active

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

Mr. Madison Edward Mills

License/Certificate Type - Number: PLS.0005293
Expiration Date: 03/31/2025

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. Chancey C. Cothren

License/Certificate Type - Number: LSI.0000776
Expiration Date: 03/31/2026

Status: Active

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Technician
Training Course

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Supervisor
Training Course

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Fred Mortali
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

8/18/2023 to 8/18/2027
Training Valid Through

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Christopher Ballard
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

5/10/2021 to 5/10/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Madison Mills
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brad Jacobs
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Trenten Norris
has attended
Traffic Control Supervisor-LA State Specific
Training Course

6/7/2023 to 6/7/2027
Training Valid Through

Vice President of Education and Technical Services

Monroe, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

ATSSA

Safer Roads Save Lives

Scott Benton

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 23-FEB-2024

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Philip S Dupree
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jacob Stoehr
has attended
Traffic Control Supervisor-LA State Specific
Training Course

5/12/2021 to 5/13/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Drennon Humphreys
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Alexander Wells
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

American Traffic Safety Services Association ATSSA.com

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Hunter Smith
has attended
Louisiana Traffic Control Technician
Training Course

7/11/2023 to 7/11/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Sergio Aviles
has attended
Traffic Control Technician Virtual Training
Training Course

1/24/2023 to 1/24/2027
Training Valid Through

CEU: 0.75

Director of Training

Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Surendra Pathak
has attended
Traffic Control Supervisor Virtual Training
Training Course

12/28/2022 to
12/28/2026
Training Valid Through

CEU: 1.50

Director of Training

Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association ATSSA.com

Certified Flagger Training

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

CHRIS BALLARD

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/29/2024
Exp. Date 2/29/2028
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000287042

Verify at Flagger.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

MADISON MILLS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

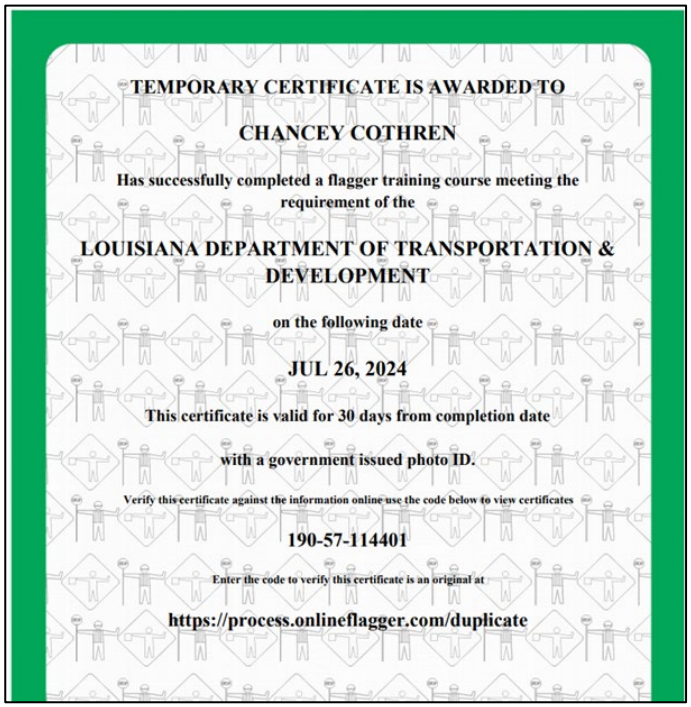
Issue Date 8/1/2023
Exp. Date 8/1/2027
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000201560

Verify at Flagger.com



TEMPORARY CERTIFICATE IS AWARDED TO

CHANCEY COTHREN

Has successfully completed a flagger training course meeting the requirement of the

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

JUL 26, 2024

This certificate is valid for 30 days from completion date

with a government issued photo ID.

Verify this certificate against the information online use the code below to view certificates

190-57-114401

Enter the code to verify this certificate is an original at

https://process.onlineflagger.com/duplicate

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

BRADLEY JACOBS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 5/22/2023
Exp. Date 5/22/2027
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000177975

Verify at Flagger.com

Certified Flagger Training

ATSSA American Traffic Safety Services Association

This is to affirm that

TRENTEN NORRIS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 7/31/2023 — Debbie Purcella (Instructor Name)

Exp. Date 7/31/2027 — Debbie Purcella (Instructor Signature)

State Issued LA

V0000202433 — Verify at Flagger.com

ATSSA American Traffic Safety Services Association

This is to affirm that

SCOTT BENTON

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/2/2024 — Debbie Purcella (Instructor Name)

Exp. Date 2/2/2028 — Debbie Purcella (Instructor Signature)

State Issued LA

V0000258961 — Verify at Flagger.com

CERTIFICATE IS AWARDED TO

PHILIP DUPREE

Has successfully completed a flagger training course meeting the requirement of the

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

JAN 15, 2022

Valid for 4 years from completion date.

Expires JAN 15, 2026

This temporary/backup certificate is valid with a government issued photo ID.

Verify this certificate against the information online use the code below to view or print duplicate certificates

123-57-69229

Enter the code to verify this certificate is an original at

https://process.onlineflagger.com/duplicate

ATSSA

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Drennon Humphreys

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 5/11/2025 — State Issued in LA

Instructor Signature

Verification available by calling 1-877-642-4637 or at http://www.flagger.com


ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

ALEXANDER WELLS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 1/29/2024 Debbie Purcella
Instructor Name

Exp. Date 1/29/2028 Debbie Purcella
Instructor Signature

State Issued LA

V0000262405 Verify at Flagger.com


ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

HUNTER SMITH

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/2/2022 Debbie Purcella
Instructor Name

Exp. Date 2/2/2026 Debbie Purcella
Instructor Signature

State Issued LA

V0000039795 Verify at Flagger.com

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DOTD
DESTINATION ZERO DEATHS

This certificate of training is presented to

JAMES SIMMONS

In Recognition of Attending

Highway Safety Manual Workshop

Baton Rouge, Louisiana

Elizabeth Wemple, PE
Eric Tang, PE
Instructor

18.0 Professional Development Hours

Nov 30—Dec 2, 2011
Date

Certificate of Attendance

presented to

Fred Mortali

for attending the

Highway Safety Manual Workshop
20 Professional Development Hours

March 8-10, 2016

Baton Rouge, Louisiana

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA TRANSPORTATION RESEARCH CENTER

U.S. Department
Of Transportation
Federal Highway
Administration

NATIONAL HIGHWAY INSTITUTE

National Highway Institute

Certificate of Training

James E. Simmons

has participated in

NEPA and Transportation Decision Making

hosted by

LADOTD / LTRC

Location: Baton Rouge, LA

Hours of instruction: 18

Date: August 31 - September 2, 2004

Instructor

Director, National Highway Institute
Federal Highway Administration

Coordinator

Director, Office of Professional Development
Federal Highway Administration

21. **QA/QC Plan and/or Work Plan:** If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.

22. **Sub-consultant information:** If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	(225) 765-1803
APS Engineering and Testing, LLC	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles sergio@aps-testing.com	(225) 456-5714

23. **Location:** If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.

Appendix

FIRM LICENSES & DBE CERTIFICATES

N-Y LICENSE

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

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

License/Certificate Information w/ Supervision

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

CDC LICENSES

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

Name:	Public Address:
Civil Design & Construction, Inc.	P. O. Box 857 Port Allen, Louisiana 70767

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003414	Active	02/27/2006	09/30/2024	Mrs. Karla Ewing Weston # PE.0031010

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

Name:	Public Address:
Civil Design & Construction, Inc.	P. O. Box 857 Port Allen, Louisiana 70767

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000555	Active	02/10/2006	09/30/2025	Mr. Christopher Lyle Ballard # PLS.0005033

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

Jeff Landry, Governor
Joe Donahue, Secretary

April 12, 2024

Civil Design & Construction, Inc.
Attn: Karla Weston
PO Box 857
Port Allen, LA 70767

Dear Karla Weston,

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

NC541330-Engineering Services
C05-Structural Engineering
C09-Civil Engineering
NC541340-Drafting Services
C03-Drafting
NC541350-Building Inspection Services
C21-Construction Inspections
NC541370-Surveying and Mapping (except Geophysical) Services
C06-Land Surveying
C12-Right-of-Way
727-Mobilization
740-Construction Layout
CSL-Construction Layout Design

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2025.** However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Jackie des Bordes or Kenyatta Sparks with the SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

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

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

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

Respectfully,

Rhonda Wallace

Rhonda Wallace
DBE/SBE Programs Manager

Enclosure (Certificate)

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Civil Design & Construction, Inc.

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

NC541330, NC541340, NC541350, NC541370

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

Certificate Eligibility: March 2024 to March 2025

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

APS LICENSE

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

Name:	Public Address:
APS Engineering and Testing, LLC	Mr. Sergio Aviles 5261 Highland Road, PMB 320 Baton Rouge, Louisiana 70808

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0005198	Active	11/29/2012	03/31/2025	Mr. Sergio L. Aviles # PE.0033571

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

APS Engineering and Testing, LLC

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

NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690

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

Certificate Eligibility: October 2023 to October 2024

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development