PROPOSAL FOR ENGINERING AND RELATED SERVICES

IDIQ CONTRACT FOR DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 61

Contract No. 400032781

September 3, 2025

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

Submitted by:
N-Y Associates, Inc.

Widening of LA 1088, Ramps, and New 2-Lane Bridge: LA 1088 / I-12 Interchange in St. Tammany Parish, LA.

September 3, 2025

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

N-Y Associates, Inc.
2750 Lake Villa Drive
Metairie, LA 70002
Phone: (504) 885-0500
Fax: (504) 885-0595
www.n-yassociates.com

Department of Transportation and Development
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802

Re: IDIQ Contract for Design Services; Statewide with Majority of Work in District 61
Contract No. 4400032781

Dear Project Evaluation Team:

N-Y Associates, Inc. (N-Y) is pleased to respond to your request for qualifications to provide engineering and related services required for developing plans for roadways and bridges in District 61. N-Y has assembled a proven and experienced team that is driven by our commitment to provide excellent service to the LADOTD.

BACKGROUND:

N-Y Associates, Inc. is a fifty-six (56) year-old family owned, multi-discipline firm founded and headquartered in Louisiana. Offering extensive statewide experience, N-Y has been providing engineering, planning and project management services to federal, state, regional, parish and city agencies since 1969. Our staff includes civil, hydraulic and structural engineers; transportation and environmental planners; project managers; construction inspectors and technical support personnel, each of whom offers extensive experience in planning and design of roadway, bridge and drainage improvements including box culverts.

N-Y has been working for the LADOTD since 1975. During this time, N-Y has designed numerous roadways and bridges to LADOTD and American Association of State Highway and Transportation Officials (AASHTO) standards. Many of our engineers and engineering technicians have been working with N-Y on LADOTD projects for over twenty-five (25) years. This experience has provided N-Y's transportation engineers and planners with an in-depth knowledge of LADOTD and AASHTO design criteria, review and approval processes, and applicable construction methods.

OUR TEAM:

James E. Simmons, PE, will serve as Project Manager. Mr. Simmons is a Vice President of the firm and has over forty (40) years experience in the planning, design and construction engineering of bridge, box culvert and roadway projects. **Mr. Simmons has served as the project or deputy project manager on all of N-Y's LADOTD projects since joining N-Y in 1994, affording him extensive knowledge of LADOTD and AASHTO criteria and requirements. Prior to joining N-Y, he had fifteen (15) years experience designing bridges to FHWA and AASHTO standards with other firms.**

Mr. Simmons training also includes: NHI Course No. 142005 "National Environmental Policy Act (NEPA) & Transportation Decision Making"; "Steel Bridge Design AASHTO LRFD Bridge Design Specifications"; "Load and Resistance Factor Design of Prestressed Concrete Beams"; "Load and Resistant Factor Design Seminary for Highway Bridge Substructures"; and T&DI LADOTD New Bridge Manual Seminar.

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We will work with the following subconsultant firms, each of which have experience working with N-Y and the LADOTD.

- **Civil Design & Construction, Inc., *a Disadvantaged Business Enterprise (DBE),*** will provide the Topographic / Property Surveys and ROW Maps.
- **APS Engineering and Testing, LLC, *a Disadvantaged Business Enterprise (DBE),*** will provide Geotechnical Engineering.
- **Urban Systems, Inc., *a Disadvantaged Business Enterprise (DBE),*** will provide Traffic Engineering; Construction Detours; and Signage/Markings.

OUR LADOTD EXPERIENCE:

Planning and Environmental:

- **We understand how transportation projects affect the natural and built environments.**
- **We have extensive experience preparing Stage 0: Feasibility Studies, Line and Grade / Corridor Studies, Environmental Inventories, Stage 1: Environmental Assessments and Environmental Impact Statements.**

Roadway and Bridge Design:

- **We have extensive experience with LADOTD roadways and bridge design guidelines and manuals.**
- **We have extensive experience with Construction Plans and Specifications for Roadway, Bridge and Highway Projects.**

CONCLUSION:

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

Sincerely,

N-Y ASSOCIATES, INC.

Michael F. Nicoladis
President

SECTIONS

1-11

WHO WE ARE

N-Y is a Louisiana firm with decades of LADOTD experience.

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

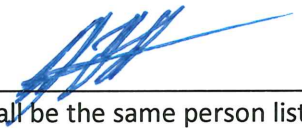
DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	***IDIQ Contract for Design Services Statewide with Majority of Work in District 61***
2. Contract Number(s) as shown in the advertisement	***4400032781***
3. State Project Number(s), if shown in the advertisement	***N/A***
4. Prime Consultant Name (**name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20**)	***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. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: ***September 3, 2025*** 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%*** ***Urban Systems, Inc*** — ***5%***

SECTIONS

12-16

THE DAILY STAR

WEDNESDAY, April 6, 2016 • Vol. 57, Issue 99 • 24 PAGES • 75¢

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 completed many LADOTD projects.

NY ASSOCIATES, INC.
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12. **Discipline Table:** As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

    The only disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

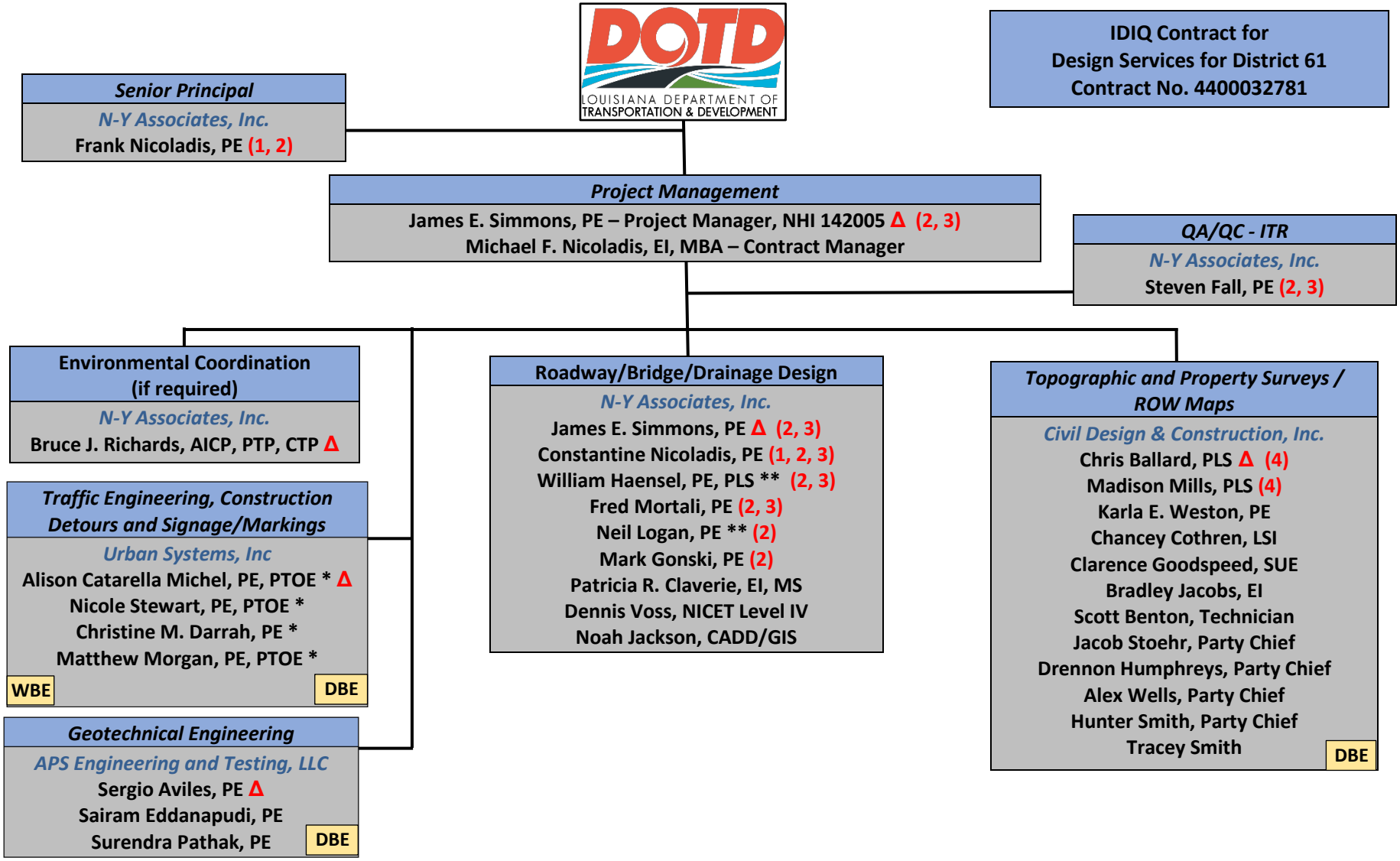
Discipline(s)	% of Overall Contract	N-Y Associates, Inc. (Prime)	Civil Design & Construction, Inc.	APS Engineering and Testing, LLC	Urban Systems, Inc	Each Discipline must total to 100%
Road	*70%*	*100%*				**100%**
Bridge	*5%*	*100%*				**100%**
Survey	*15%*		*100%*			**100%**
Geotech	*5%*			*100%*		**100%**
Traffic	*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%***	*75%*	*15%*	*5%*	*5%*	

13. **Team 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 (must 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 - Eng	2	2
	Engineer	5	7
	Engineer Intern	1	1
	Accountant	1	1
	Technician	1	1
	CADD Technician	2	2
C&C INCORPORATED	Surveyor	2	2
	Party Chief	3	5
	Instrument-Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	3	6
	Other (SUE Supervisor)	1	1
APS Engineering and Testing	Engineer	3	3
	Engineer Intern	2	2
	Engineering-Aide	2	2
	Inspector - Certified	1	2
	Driller	14	16
	Senior Technician	3	8
	Technician	12	15
	Clerical	1	2
URBAN SYSTEMS inc. USI	Supervisor - Eng	2	1
	Engineer	2	1
	Engineer Intern	1	1
	Engineering-Aide	3	2

***For evaluation purposes only**, and as referenced in the Scope of Services on page 2 of IDIQ advertisements only, the consultant shall assume the number of concurrently active task orders specified in the advertisement and shall identify the number of **committed** personnel accordingly.

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. It is acceptable to use an 11x17 format for Section 14.**



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

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	▪ 03/31/2027 ▪ 09/30/2027
2	▪ Frank Nicoladis, PE ▪ Constantine Nicoladis, PE ▪ James Simmons, PE * ; ** ▪ William Haensel, PE ▪ Fred Mortali, PE ▪ Steven Fall, PE ▪ Mark Gonski, 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. ▪ N-Y Associates, Inc.	▪ PE No. 5924 – Civil ▪ PE No. 27095 – Civil ▪ PE No. 19891 – Civil ▪ PE No. 13375 – Civil ▪ PE No. 35111 – Civil ▪ PE No. 23634 – Civil ▪ PE No. 26817– Civil ▪ PE No. 14607 – Civil	▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA	▪ 03/31/2027 ▪ 09/30/2027 ▪ 09/30/2027 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 09/30/2026 ▪ 03/31/2027
3	▪ James Simmons, PE * ; ** ▪ Constantine Nicoladis, PE ▪ William Haensel, PE ▪ Fred Mortali, PE ▪ Steven Fall, PE	▪ 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. 27095 – Civil ▪ PE No. 13375 – Civil ▪ PE No. 35111 – Civil ▪ PE No. 23634 – Civil	▪ LA ▪ LA ▪ LA ▪ LA ▪ LA	▪ 09/30/2027 ▪ 09/30/2027 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2026
4	▪ Chris Ballard, PLS ▪ Madison Mills, PLS	▪ Civil Design & Construction, Inc. ▪ Civil Design & Construction, Inc.	▪ PLS No. 5033 ▪ PLS No. 5293	▪ LA ▪ LA	▪ 09/30/2026 ▪ 03/31/2027

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

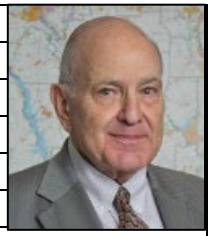
** Completed the NHI course No. 142005, “National Environmental Policy Act and Transportation Decision Making.”

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 are 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	**31**
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/09-30-2027**		
Year registered	**1982**	Discipline	**Civil Engineering; NHI 142005**	
Contract role(s) / brief description of responsibilities		**Project Manager / Roadway and Bridge Design / 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. Simmons provided Geometric Design, Roadway / Drainage Design, Rights-of-Way and Cost Estimates for each project listed below.***
08/11 – 12/26	**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.**
06/25 – 06/27	**Terminal Access Roads and E. Judge Perez Drive Interchange for the Louisiana International Terminal; Violet, LA:** Design, bidding and construction administration of the new Terminal Access Roads and E. Judge Perez Drive interchange at the proposed Louisiana International Terminal (LIT) on the Mississippi River in Violet, Louisiana. **The project includes raising existing E Judge Perez Drive, utility relocations, design of new terminal access roads and RFID portals, and the design of a new signalized intersection at E Judge Perez Drive** (subconsultant).
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.
06/13 – 12/16	**Tyler Drive Roadway and Drainage Improvements; St. Tammany Parish, LA:** Feasibility Study, Design, Bidding and Construction Administration for the full pavement **rehabilitation of 1,183 LF of Tyler Drive** consisting of cold mill and overlay as well as segments of full reconstruction. The project included reconfiguration of the median to add an **additional left turn lane from Tyle Drive onto Gause Boulevard** to maintain traffic flow. **Additional left turn lanes were also added from Tyler Drive onto Manzella Drive** for access to businesses and from Tyler Drive onto Natchez Drive to maintain traffic flow.
12/08 – 03/14	**LA 1085 (Bootlegger Road); St. Tammany Parish, LA:** Design of a **single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road** on the north and the newly completed Ochsner Boulevard on the south. The project also includes relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.
06/18 – 12/25	**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.**
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.**
01/22 – 12/25	**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.** Pre-cast concrete box culvert alternatives are considered and recommended to LADOTD to replace bridges where appropriate. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.

09/24 – 12/25 est.	**FPA-E: LPV-111 Bridge Assessment and Rehabilitation Design; New Orleans, LA:** The LPV-111 Access Bridge is a contractor design that was erected for the LPV ARM-09 armoring and levee enlargement project in eastern Orleans Parish in 2018 using existing abutments. The contractor installed intermediate steel pile bents, to create a 4-span (35'-16'-16'-35') bridge, with a steel framing superstructure and timber matting for the decking. Since that time, the timber matting has deteriorated, and the bridge has been closed. The superstructure framing was installed as side by side 5'-2" wide templates as two 2-span units (35'-16'). N-Y assessed the steel superstructure and steel pile bents and **prepared two alternatives for a new deck and repairs for a HS-20 design load necessary for future levee lifts.** N-Y then prepared design plans and specifications.
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.
03/14 – 12/18	**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.
08/11 – 12/26	**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.**
06/01 – 05/08	**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expr.); 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.**
06/02 – 06/06	**Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
06/01 – 12/03	**Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
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.
06/08 – 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).
03/12 – 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.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Frank Nicoladis, PE**	Years of relevant experience with this employer	**56**	
Title	**Chairman, Founder**	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/03-31-2027**		
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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06/13 – 12/16	**Tyler Drive Roadway and Drainage Improvements; St. Tammany Parish, LA:** Feasibility Study, Design, Bidding and Construction Administration for the full pavement **rehabilitation of 1,183 LF of Tyler Drive** consisting of cold mill and overlay as well as segments of full reconstruction. The project included reconfiguration of the median to add an **additional left turn lane from Tyle Drive onto Gause Boulevard** to maintain traffic flow. **Additional left turn lanes were also added from Tyler Drive onto Manzella Drive** for access to businesses and from Tyler Drive onto Natchez Drive to maintain traffic flow.
12/08 – 03/14	**LA 1085 (Bootlegger Road); St. Tammany Parish, LA:** Design of a **single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road** on the north and the newly completed Ochsner Boulevard on the south. The project also includes relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.
06/18 – 12/25	**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.**
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.**
01/22 – 12/25	**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.** Pre-cast concrete box culvert alternatives are considered and recommended to LADOTD to replace bridges where appropriate. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.

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.
03/14 – 12/18	**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.
06/01 – 05/08	**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expr.); 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.**
06/02 – 06/06	**Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
06/01 – 12/03	**Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
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.
06/08 – 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).
03/12 – 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.
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	**Michael Nicoladis, EI, MBA**	Years of relevant experience with this employer	**41**	
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/09-30-2027**		
Year registered	**1982**	Discipline	**Engineer Intern**	
Contract role(s) / brief description of responsibilities		**Principal / Contract and Subconsultant 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. Nicoladis provided Contract and Subconsultant Management for each project listed below.***
08/11 – 12/26	**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.**
06/25 – 06/27	**Terminal Access Roads and E. Judge Perez Drive Interchange for the Louisiana International Terminal; Violet, LA:** Design, bidding and construction administration of the new Terminal Access Roads and E. Judge Perez Drive interchange at the proposed Louisiana International Terminal (LIT) on the Mississippi River in Violet, Louisiana. **The project includes raising existing E Judge Perez Drive, utility relocations, design of new terminal access roads and RFID portals, and the design of a new signalized intersection at E Judge Perez Drive** (subconsultant).
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.
06/13 – 12/16	**Tyler Drive Roadway and Drainage Improvements; St. Tammany Parish, LA:** Feasibility Study, Design, Bidding and Construction Administration for the full pavement **rehabilitation of 1,183 LF of Tyler Drive** consisting of cold mill and overlay as well as segments of full reconstruction. The project included reconfiguration of the median to add an **additional left turn lane from Tyle Drive onto Gause Boulevard** to maintain traffic flow. **Additional left turn lanes were also added from Tyler Drive onto Manzella Drive** for access to businesses and from Tyler Drive onto Natchez Drive to maintain traffic flow.
12/08 – 03/14	**LA 1085 (Bootlegger Road); St. Tammany Parish, LA:** Design of a **single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road** on the north and the newly completed Ochsner Boulevard on the south. The project also includes relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.
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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.**

01/22 – 12/25	**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.** Pre-cast concrete box culvert alternatives are considered and recommended to LADOTD to replace bridges where appropriate. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
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.
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06/02 – 06/06	**Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
06/01 – 12/03	**Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening 4,000 LF of urban roadway from four to six lanes** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
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.
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.**
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).
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Firm employed by	**N-Y Associates, Inc.**			
Name	**Constantine Nicoladis, PE**		Years of relevant experience with this employer	**38**
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/09-30-2027**	
Year registered	**1997**	Discipline	**Civil Engineering**	
Contract role(s) / brief description of responsibilities			**Roadway and Drainage Design / Meets MPR Nos. 1, 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. Nicoladis provided Roadway / Drainage 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.
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12/08 – 03/14	**LA 1085 (Bootlegger Road); St. Tammany Parish, LA:** Design of a **single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road** on the north and the newly completed Ochsner Boulevard on the south. The project also includes relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.
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.

Firm employed by	**N-Y Associates, Inc.**				
Name	**William Haensel, PE**		Years of relevant experience with this employer	**4**	
Title	**Senior Civil Engineer**		Years of relevant experience with other employer(s)	**50**	
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 Bridge Design / 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.***
06/25 – 06/27	**Terminal Access Roads and E. Judge Perez Drive Interchange for the Louisiana International Terminal; Violet, LA:** Design, bidding and construction administration of the new Terminal Access Roads and E. Judge Perez Drive interchange at the proposed Louisiana International Terminal (LIT) on the Mississippi River in Violet, Louisiana. **The project includes raising existing E Judge Perez Drive, utility relocations, design of new terminal access roads and RFID portals, and the design of a new signalized intersection at E Judge Perez Drive** (subconsultant).
01/22 – 12/25	**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.** Pre-cast concrete box culvert alternatives are considered and recommended to LADOTD to replace bridges where appropriate. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
09/24 – 12/25 est.	**FPA-E: LPV-111 Bridge Assessment and Rehabilitation Design; New Orleans, LA:** The LPV-111 Access Bridge is a contractor design that was erected for the LPV ARM-09 armoring and levee enlargement project in eastern Orleans Parish in 2018 using existing abutments. The contractor installed intermediate steel pile bents, to create a **4-span (35'-16'-16'-35') bridge, with a steel framing superstructure and timber matting for the decking.** Since that time, the timber matting has deteriorated, and the bridge has been closed to vehicular access. N-Y assessed the steel superstructure and steel pile bents and prepared two alternatives for a new deck and repairs for a HS-20 design load necessary for future levee lifts. N-Y is preparing design plans and specifications for the selected alternative.
With Other Firms	
02/22 – 08/23	**Tangipahoa Roads; Tangipahoa Parish, LA:** Pavement Rehabilitation (asphalt patching, milling, overlay, and signage) **S.P No. H.014048** (2020-2023) Analysis and design of pavement overlays and signage on rural roads in southern Tangipahoa parish. Attended meetings, performed site reconnaissance, assisted in plan development, and reviewed plans for construction. **Design conformed to Tangipahoa Parish, AASHTO, and DOTD requirements.**
05/12 – 10/14	**Audubon Blvd.; St. Tammany Parish, LA:** Design of the complete reconstruction of a divided multilane collector roadway for the City of Slidell. Project included removal of existing asphalt overlayed PCC Pavement and replacement with new 8" thick PCC pavement including drainage upgrades and signage.
09/95 – 02/10	**Lakeshore Roadways; St. Tammany Parish, LA:** Design for divided roadways serving a residential development including West End Blvd., Lakeshore Marina Dr., Marina Villa Blvd., Lakeshore Blvd., Sunrise Blvd., Sunset Blvd., East End Blvd., Marina Villa East Blvd. , Lakeshore Village Blvd., Lakeshore Village Dr., and East Lake Court. Approximately 46,000 linear feet of 8" thick PCC pavement on a 12" thick cement treated base was constructed.
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. **The design conformed to DOTD and AASHTO requirements.**
05/07 – 11/08	**Country Lane Streets; St. Tammany Parish, LA:** Design for the streets in a residential subdivision with access to Interstate Highway 10 via Louisiana Highway 433. Approximately 3,900 linear feet of PCCP roadway was constructed to create Sandhill Lane, Kayle Drive, and Silver Oak Drive. Approximately 2,400 linear feet of 8" diameter sewer line and 2,650 linear feet of 8" and 12" diameter water lines were constructed for the development. Stormwater was handled through subsurface pipes, swales, and ditches which provided Stormwater detention in compliance with St. Tammany Parish requirements.

03/93 – 07/05	**Belair Streets; St. Tammany Parish, LA:** Design included over 22,000 linear feet (5.1 miles) of Portland Cement concrete roadways. Approximately 13,000 linear feet of 8" and 12" diameter water mains, 18,000 linear feet of 8" diameter sewer mains, and 18,000 linear feet of 15", 18", 21", and 24" diameter concrete drain pipe were included in the design. Stormwater detention channels were also included in the design providing multiple stormwater storage locations. **Conformed to St. Tammany Parish, DOTD, and AASHTO requirements.**
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. D**esign conformed to DOTD and AASHTO requirements**. Prepared a traffic impact analysis of the highway for consideration of the proposed Folger's Warehouse facility. **(DOTD Design S.P. No. 852-12-0016/DOTD Construction S. P. No. 416-03-02)**
06/95 – 11/96	**Fairway Drive Extension; St. Tammany Parish, LA:** Project Manager for this new collector roadway between U.S Highway 190 and U.S Highway 59. Initial tasks included a line and grade study for the new route. Phase 1 included 1,800 linear feet of divided collector roadway. Approximately 8,000 square yards of 8" thick PCC pavement supported on a 12" thick base course was constructed. **Conformed to St. Tammany Parish, DOTD, and AASHTO requirements.**
02/93 – 08/94	**Lake Pontchartrain Causeway Approach Road and Toll Area; St. Tammany Parish, LA:** Project Manager for removal of existing PCC pavement and construction of a new 10-inch-thick PCC pavement for toll plaza and approach drives. Design included drainage improvements and **conformed to St. Tammany Parish, ASSHTO, and DOTD requirements**.
02/90 – 11/91	**Oak Harbor Boulevard (Interstate 10 to U.S. Highway 11); St. Tammany Parish, LA:** Project Manager for a new multilane collector roadway to connect two main highways. Road was approximately 15,900 linear feet in length. Design included roadside drainage, signage, pavement marking, and signalization. **Conformed to St. Tammany Parish, DOTD and AASHTO requirements.**
10/84 – 06/86	**Middle Pearl Drive Bridge; St. Tammany Parish, LA:** Project Manager providing design and construction engineering services for a new five span precast concrete bridge. **Conformed to DOTD and AASHTO requirements.**
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. Managed the resident inspection, review of submittals/ shop drawings, review of testing/ field reports, review of contractor's payment requests, and general administration of the construction process.
06/97 – 01/99	**Hickory Ridge Lane and Ferriday Court; Jefferson Parish, LA:** 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 with new sanitary sewer lines and a community water distribution system.
03/97 – 10/98	**Savannah Drive; Jefferson Parish, LA:** Design of 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.
02/96 – 06/98	**Henderson Street (Tchoupitoulas Street to Race Street); New Orleans, LA:** Project Manager for this 1,500 foot long, four lane divided roadway to serve the $194 million Phase IV of the New Orleans Convention Center. 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.
01/95 – 11/96	**Wilson Avenue Improvements (Dwyer Road to US Hwy 90/Chef Menteur Highway); New Orleans, LA:** 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.
06/95 – 06/06	**West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA:** Program management services for a 5-mile urban aerial roadway which included a major drainage canal in an urbanized area. Coordinated the design and surveying services of 5 engineering firms. Developed design standards, reviewed the design work, coordinated geotechnical investigations, assisted in reviewing contractor payment request, and reviewed reports of field tests. Total construction cost of corridor was $75M. **(S.P No. 742-07-42)**

Firm employed by	**N-Y Associates, Inc.**				
Name	**Fred Mortali, PE**		Years of relevant experience with this employer	**16**	
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 – 12/26	**LA Highway 23 (Happy Jack to N. Port Sulphur) Roadway and Drainage Improvements; 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 – 12/16	**Tyler Drive Roadway and Drainage Improvements; St. Tammany Parish, LA:** Feasibility Study, Design, Bidding and Construction Administration for the full pavement **rehabilitation of 1,183 LF of Tyler Drive** consisting of cold mill and overlay as well as segments of full reconstruction. The project included reconfiguration of the median to add an **additional left turn lane from Tyle Drive onto Gause Boulevard** to maintain traffic flow. **Additional left turn lanes were also added from Tyler Drive onto Manzella Drive** for access to businesses and from Tyler Drive onto Natchez Drive to maintain traffic flow.
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 was performed to LADOTD standards and reviewed by the LADOTD.**
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.
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	**17**	
Title	**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		**QA/QC – ITR / Bridge 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. Fall provided Roadway / Bridge Design and Cost Estimates for each project listed below.***
06/18 – 12/24	**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 was performed to LADOTD standards and was reviewed by the LADOTD.**
03/20 – 12/23	**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	**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).
12/08 – 03/14	**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.
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.
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.
2001 – 2006	**Director of Engineering, Greater New Orleans Expressway Commission, Causeway Bridge; Jefferson and St. Tammany Parishes, 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.
1998 – 2000	**Director of Engineering, City of Slidell; St. Tammany Parish, LA:** Mr. Fall was in responsible charge of all engineering work including the oversight, design review, project/program management and administration of all engineering consultants providing design, bidding, construction administration and resident inspection services.

Firm employed by	**N-Y Associates, Inc.**				
Name	**Neil Logan, PE**		Years of relevant experience with this employer	**46**	
Title	**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/03-31-2027**			
Year registered	**1974**	Discipline	**Civil Engineer**		
Contract role(s) / brief description of responsibilities		**Roadway and Bridge Design / Meets MPR No. 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.*
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.
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.*

Firm employed by	**N-Y Associates, Inc.**			
Name	**Mark Gonski, PE**	Years of relevant experience with this employer	**4**	
Title	**Civil/Structural Engineer**	Years of relevant experience with other employer(s)	**39**	
Degree(s) / Years / Specialization		**Master Science/1992/Civil Engineering** **Bachelor of Science/1978/Civil Engineering**		
Active registration number / state / expiration date		**26817/LA/09-30-2026**		
Year registered	**1996**	Discipline	**Civil Engineer**	
Contract role(s) / brief description of responsibilities		**Roadway and Bridge 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. Gonski provided Structural Design for each project listed below.***
06/24 – 12/26	**Mississippi River Low Sill Structure Dewatering; Concordia Parish, LA:** The purpose of the Old River Low Sill Control Structure Dewatering Project is to provide for a partial dewatering of the Low Sill Structure. The dewatering will allow the USACE to inspect, perform repairs (if needed) and do invasive testing and analysis. Dewatering will be performed for multiple gate bays in a sequence across the entire structure length over the course of up to three (3) low water seasons.
06/23 – 06/26	**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.
With Other Firms	
2008 – 2013	**Western Closure Complex Floodgate and Sluice Gate Structure; Orleans, Jefferson and Plaquemines Parishes, LA:** Mr. Gonski oversaw the in-house design of the Western Closure Complex which included a 225 ft wide floodgate, sluice gated drainage structure and several reaches of floodwall. The floodgate utilized buoyant chambers, an innovation used to control deflections of the massive steel gate. The design included the steel gates, concrete monoliths, and tie-in floodwalls. A 24 ft tall needle dam dewatering system was included in the design. The 225 ft wide sector gate is the largest gate of this type in the USA.
2006 – 2014	**Chief of Structures Branch, Post-Katrina; New Orleans, LA:** Mr. Gonski reviewed for approval, the Plans and Specifications of over 100 hurricane protection projects in the New Orleans area. The designs included floodwalls, floodgates, and pump station modifications. Mr. Gonski also oversaw the later stages of construction on the Lake Borne Barrier Project. The project included a concrete barge gate which required significant modification and repair late in construction. Mr. Gonski authored much of the current Hurricane Storm Damage Risk Reduction System (HSDRRS) structural criteria developed by the Corps following the Katrina Hurricane.
2006 – 2007	**Technical Manager and Lead designer of Post-Katrina Interim Protection; New Orleans, LA:** Lead designer of six, interim floodwall projects. All were designed and constructed within a 12 month period to shore-up flood protection prior to construction of permanent structures. Plans included I-walls, and A-Frame closures. Also provided technical reviews for Consultant designed plans and specifications.
2004 – 2006	**Technical Manager and Lead Engineer, Harvey Floodgate; Jefferson Parish, LA:** Technical manager and lead structural engineer for the design and construction of the Harvey Sector gate, a 125 ft wide floodgate. The design included the gate, concrete monolith, tie-in walls, needle dam bulkhead system, and related civil designs. The design was the first float-in structure designed by the Corps in-house. The structure was also designed as a conventional cast in place alternative.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Bruce J. Richards, AICP, PTP, GIP**		Years of relevant experience with this employer	**26**
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 (if required) including Categorical Exclusions**	

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.***
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. 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.
03/14 – 12/18	**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.
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.
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.**
06/08 – 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).
03/12 – 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.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Patricia R. Claverie, EI, MS**		Years of relevant experience with this employer	**4**
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			**H&H Modeling 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). ***Ms. Claverie provided H&H Modeling and Civil and Hydraulic Engineering for each project listed below.***
09/21 – 12/24	**Coin Du Lestin Road Elevation; St. Tammany Parish, 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.
01/22 – 12/25	**Replacement of Rural Bridges on LA Highway 119, LADOTD District 08; Natchitoches Parish, LA:** H&H Modeling utilizing LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the **replacement of five (5) rural bridges** crossing Creek 1, 2,3, and 4 and Bayou Pierre on the State Highway 119 in LADOTD District 08. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
01/22 – 12/25	**Replacement of Rural Bridges on LA Highway 1199, LADOTD District 08; Rapides Parish, LA:** H&H Modeling utilizing LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the **replacement of three (3) rural bridges** crossing Creek 1, and 2 and Spring Creek on the State Highway 1199 in LADOTD District 08. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
01/22 – 12/25	**Replacement of Rural Bridges on LA Highway 124, LADOTD District 58; Catahoula Parish, LA:** H&H Modeling utilizing LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the **replacement of three (3) rural bridges** crossing Broke Leg Bayou, Boggy Bayou, and Creek on the State Highway 124 in LADOTD District 58. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
01/22 – 12/25	**Replacement of Rural Bridges on LA Highway 472 and 577, LADOTD Districts 08 and 58; Grant and Franklin Parishes, LA:** H&H Modeling utilizing LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the **replacement of four (4) rural bridges** crossing Indian Creek, Big Bear Creek, Bull Bayou, and Creek on the State Highway 427 and 577 in LADOTD Districts 08 and 58. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
05/25 – 12/25	**Ascension Parish; Welsh Gully Detention and Channel Improvements; Ascension Parish, LA:** H&H Modeling utilizing HEC-RAS that illustrates the existing conditions and determines the required channel improvements along Welsh Gully and the Perkins Oak Lateral along the identified 8,600 linear feet of channel. This includes approximately 43,000 cubic yards of targeted excavation to help improve runoff conveyance. In addition, the project includes 57,000 cubic yards of excavation for two detention ponds.
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.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Dennis Voss, NICET Level IV**	Years of relevant experience with this employer	**51**	
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 Design, Roadway and Drainage Design, Rights-of-Way and Cost Estimates for each project listed below.***
08/11 – 12/26	**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.**
06/25 – 06/27	**Terminal Access Roads and E. Judge Perez Drive Interchange for the Louisiana International Terminal; Violet, LA:** Design, bidding and construction administration of the new Terminal Access Roads and E. Judge Perez Drive interchange at the proposed Louisiana International Terminal (LIT) on the Mississippi River in Violet, Louisiana. **The project includes raising existing E Judge Perez Drive, utility relocations, design of new terminal access roads and RFID portals, and the design of a new signalized intersection at E Judge Perez Drive** (subconsultant).
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.
06/13 – 12/16	**Tyler Drive Roadway and Drainage Improvements; St. Tammany Parish, LA:** Feasibility Study, Design, Bidding and Construction Administration for the full pavement **rehabilitation of 1,183 LF of Tyler Drive** consisting of cold mill and overlay as well as segments of full reconstruction. The project included reconfiguration of the median to add an **additional left turn lane from Tyle Drive onto Gause Boulevard** to maintain traffic flow. **Additional left turn lanes were also added from Tyler Drive onto Manzella Drive** for access to businesses and from Tyler Drive onto Natchez Drive to maintain traffic flow.
12/08 – 03/14	**LA 1085 (Bootlegger Road); St. Tammany Parish, LA:** Design of a **single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road** on the north and the newly completed Ochsner Boulevard on the south. The project also includes relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.
06/18 – 12/24	**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.**
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.**
01/22 – 12/25	**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.** Pre-cast concrete box culvert alternatives are considered and recommended to LADOTD to replace bridges where appropriate. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.

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.
03/14 – 12/18	**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.
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.**
06/02 – 06/06	**Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA:** Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
06/01 – 12/03	**Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA: Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway** with traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage.
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.
06/08 – 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).
03/12 – 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.
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.

Firm employed by	**N-Y Associates, Inc.**			
Name	**Noah Jackson, CADD**	Years of relevant experience with this employer	**7**	
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 and Bridge 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 and Geometric Design for each project listed below.***
11/21 – 12/25	**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.** Pre-cast concrete box culvert alternatives are considered and recommended to LADOTD to replace bridges where appropriate. Solicitation of Views and Preparation of the Categorical Exclusion document in compliance with NEPA and FHWA criteria and guidelines. This project includes Preliminary and Final Bridge Plans and Bridge Load Rating Reports.
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.**
11/19 – 12/25	**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. John the Baptist 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 – 06/26	**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	**Chris Ballard, PLS**		Years of relevant experience with this employer	**9**	
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. He has also completed the ATSSA Traffic Control Supervisor & Flagger.
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	**4**	
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 / 03/31/2027**		
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. He has also completed the ATSSA Traffic Control Supervisor & Flagger.
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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.
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.
08/21 – 08/22	**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.
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. (CD&C)**				
Name	**Karla E. Weston, PE**		Years of relevant experience with this employer	**20**	
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.**				
Name	**Chancey Cothren, LSI**		Years of relevant experience with this employer	**2**	
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. He has also completed the ATSSA Traffic Control Supervisor.
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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	**Clarence J. Goodspeed**	Years of relevant experience with this employer	**3**	
Title	**SUE Manager**	Years of relevant experience with other employer(s)	**30**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date		**N/A**		
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. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C SUE department.
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.
03/23 – 12/23	**MSY Campus Wide Sewer Location:** Mr. Goodspeed serves as the firms SUE PM for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it's sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.
01/24 – 03/24	**RN Nuccio Rd SUE:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – 08/24	**MSY East Apron Expansion:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/24 – 05/24	**BRMA Radar Decomp:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL-B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.

12/23 – 05/24	**BRMA Taxiway F Reconstruction:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
05/23 – 06/23	**West Broussard @ Duhon SUE:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on for this project. CD&C, Inc. provided SUE QL-A utility designation for approximately 2,000' of roadway. CD&C, Inc. provided all SUE reports and data.
09/22 – 01/23	**BRMA Northwest Aviation Development:** Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel 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 standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	**H.011833.5 St. Mary Street Sidewalks; Scott, LA:** : Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel 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.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:** Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel 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.
07/23 – 12/24	**College Drive (MoveBR):** Mr. Goodspeed serves as the firm's SUE Manager for the project. This project includes full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QL-D to QL-B level accuracy. An official SUE submittal was not required for this project. The final submittal is following standards set forth by the City/Parish government for EBR.
10/23 – 12/24	**HMGP – FEMA Groom Road Brushy Bayou:** Mr. Goodspeed served as the firm's SUE Manager for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QL-B.
05/23 – 06/23	**Burbank at Pelican Lakes:** Mr. Goodspeed served as the firm's SUE Manager on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QL-C.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Goodspeed served as the firm's SUE Manager for this project working to provide Utility Coordination and Utility mapping. Mr. Goodspeed worked with the local utility companies to locate their assets as much as possible. In instances where the utilities did not locate, Mr. Goodspeed secured as-built/record drawings and directed SUE field crews for the marking of those particular assets so that a topography survey could be completed. Mr. Goodspeed also served as a QC Check for all the utilities located by the survey crews and SUE Crew.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Bradley Jacobs, EI**	Years of relevant experience with this employer	**3**	
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 / ATSSA Traffic Control Supervisor & 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. Jacobs serves as a Survey Technician and will process field crew data and finalize deliverables.***
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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 – Ongoing	**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.
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	**Scott Benton**	Years of relevant experience with this employer	**8**	
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 & 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.***
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Jacob Stoehr**	Years of relevant experience with this employer	**10**	
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.***
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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	**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 Traffic Control Supervisor & 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. 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.***
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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 – Ongoing	**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 – 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.
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.
04/21 – 12/21	**Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., 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 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.
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.

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Alex Wells**	Years of relevant experience with this employer	**5**	
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 Traffic Control Supervisor & 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.***
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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 – Ongoing	**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	**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	**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. 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.***
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts @ LA741:** Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
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 – Ongoing	**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:	**Civil Design & Construction, Inc.**			
Name	**Tracey Smith**	Years of relevant experience with this employer	**3**	
Title	**Utility Coordinator**	Years of relevant experience with other employer(s)	**24**	
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. Smith has over 24 years' experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.
07/23 – 10/25	**College Drive (MoveBR):** Mr. Smith serves as the SUE Field Chief for the project. This project included full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QLD to QLB level accuracy. An official SUE submittal was not required for this project. The final submittal was following standards set forth by the City/Parish government for EBR.
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.
03/22 – 10/23	**H.011833.5 St. Mary Street Sidewalks; Scott, LA:** Mr. Smith served as the firms SUE Field Chief for the project. He is working in the field 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.
05/23 – 08/23	**H H.015056 - LA 685:** Mr. Smith served as the SUE Field 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. Smith served as the SUE Field 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.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:** Mr. Smith served as the SUE Field Chief for the project. He is working in the field 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.
03/24 – 08/24	**MSY East Apron Expansion:** Mr. Smith serves as the SUE Field Chief for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
04/24 – 05/24	**BRMA FAA Boring:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
01/24 – 03/24	**RN Nuccio Rd SUE:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.

Firm employed by:	**APS Engineering and Testing, LLC**				
Name	**Sergio Aviles, PE, M.ASCE**		Years of relevant experience with this employer	**14**	
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. Sergio Aviles, PE is the President and Geotechnical Manager of APS Engineering and Testing, LLC, and has extensive expertise in slope stability analysis, embankment settlement calculations, mechanically stabilized earthen (MSE) wall design, pile design, sheet pile design, pile integrity testing, and Pile Dynamic Analyzer (PDA). Since founding APS fourteen years ago, Mr. Aviles has led geotechnical engineering, laboratory testing and materials testing projects statewide for both government agencies and private clients. His professional portfolio includes the design and construction supervision of complex infrastructure projects throughout Louisiana, ensuring technical accuracy, adherence to DOTD specifications, and the highest standards of quality control. He has also completed the ATSSA Traffic Control Technician & Flagger.
09/19 – 12/25	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The Geotechnical Investigation comprised the advancement of 77 deep borings along the project alignment, spanning from the Washington Street Exit to the LSU Lakes. APS performed 16 over-water borings utilizing barge-mounted drilling platforms and 61 land-based borings using truck-mounted rigs. Subsurface characterization included Shelby tube sampling, Standard Penetration Testing (SPT), and split-spoon recovery to obtain representative soil profiles. Laboratory testing included approximately 1,000 tests, including Unconsolidated Undrained (UU) Triaxial Compression tests for shear strength evaluation and Atterberg Limits for plasticity classification, in accordance with ASTM standards. Pile foundation performance was assessed through dynamic testing services, including Pile Driving Analyzer (PDA) instrumentation and signal matching via CAPWAP analysis. These tests provided real-time data on pile capacity, drivability, and soil-pile interaction, supporting axial load design and installation recommendations. Mr. Aviles serve as Geotechnical Manager, providing technical oversight across all phases—from field exploration and lab testing to analysis and reporting. His leadership ensured conformance with DOTD specifications, QA/QC protocols, and schedule adherence.
06/20–04/23	**Rural Bridge Replacement Initiative Phase I:** The scope included geotechnical investigation and design for the replacement of 60 bridge structures along the LA state highway system. Geotechnical Investigation consisted of drilling, laboratory testing, soil classification, and site characterization. Engineering analysis included slope stability analysis (when applicable) and pile capacity analysis for foundations to support the new bridge structures. Mr. Aviles served as Geotechnical Manager for the Geotechnical Investigations and Design Team, overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.
11/22 – 05/25	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** APS was selected as part of the winning team for the Geotechnical Investigation and Design of the proposed new bridge. The scope of work included the drilling and testing of 19 deep borings to support bridge foundation design recommendations. In addition to deep foundation investigations, APS performed site-specific testing of subsurface soils, base materials, and concrete placement zones to evaluate compliance with structural and geotechnical performance criteria. Laboratory testing supported classification, strength, and constructability assessments for proposed bridge elements. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles served as Geotechnical Manager for the investigation and design team. He provided direct oversight of field operations, laboratory analysis, and engineering deliverables, ensuring technical accuracy, and timely completion across all phases of the project. overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.
01/22 – 05/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** APS was selected as part of the winning team for the Design of the Diversion CMAR project. APS performed the Geotechnical Investigation and Design for the project. The scope also included testing of subsurface soils, base materials, and concrete placement areas to evaluate compliance with design standards for the proposed roadway and bridge structures. APS performed four Pile Driving Analyzer (PDA) tests during construction

	monitoring to assess pile performance and verify installation criteria. Mr. Aviles served as Geotechnical Manager for the Geotechnical Investigations and Design Team, overseeing all phases of exploration, analysis, and reporting.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** The 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 for the City of Baton Rouge. Mr. Aviles served as Geotechnical Manager for the investigation and Design Team, overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected as part of the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of 12 deep borings were drilled and tested for Geotechnical recommendations. Mr. Aviles served as Geotechnical Manager for the Geotechnical Investigations and Design Team, overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.
03/21 – 11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.):** The scope included a comprehensive geotechnical investigation to support foundation recommendations for proposed pavement rehabilitation and new bridge construction. A total of 32 borings were drilled and tested to characterize subsurface conditions and develop geotechnical design parameters for the City of Baton Rouge. Mr. Aviles served as Geotechnical Manager for the Geotechnical Investigations and Design Team, providing hands-on leadership and technical oversight throughout all phases of the project to ensure accuracy, quality, and timely delivery.
12/21 – 09/22	**Ward Creek at Seigan Ln:** The scope services for 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 soils for strength and engineering characteristics. Geotechnical reporting included slope stability analysis of the proposed channel, as well as general construction and erosion recommendations. Mr. Aviles was the Manager of the Geotechnical Team.
01/21 – 04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Avenue):** The purpose of the project was widening of Bluebonnet Boulevard at selected locations, addition of pedestrian walkways, replacement of existing bridge over Dawson Creek and addition of green infrastructure. The scope of services included subsurface exploration of conditions at the site to enable an evaluation for the proposed pavement. A P S drilled nine (9) pavement borings to six (6) feet deep from the top of existing subgrade material, two (2) soil borings to a depth of 10 feet each for the green infrastructure, and two borings to a depth of 100 feet each for the bridge. The scope of services also included conducting laboratory tests on selected samples recovered from the soil borings. The geotechnical report contained rigid pavement recommendations, deep foundation recommendations, green infrastructure recommendations, as well as site preparation and general construction recommendations. Mr. Aviles was the Manager to the Geotechnical Team.
01/21 – 03/21	**Project No. H.013458 H.H. Wilson Rd and Manchac Acres Rd:** This project involved preparation for two bridges located on H.H. Wilson Road over Drainage Bayou and Manchac Acres Road over Drain to Muddy Creek in Ascension Parish. The scope of services included drilling, laboratory testing including one-dimensional consolidation testing, soil classification, and boring log preparation. Mr. Aviles was the Supervisor-Engineer for the Geotechnical Investigation.
03/15 – 04/15	**Holly Drive Bridge Replacement; St. Tammany Parish, LA:** The scope included Geotechnical Investigation for the replacement of a bridge structure in Covington, Louisiana. A P S performed piles vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Aviles served as Geotechnical Manager for the Geotechnical Investigations and Design Team, overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.

Firm employed by:	**APS Engineering and Testing, LLC**			
Name	**Sairam (Sai) Eddanapudi, ME, PE**	Years of relevant experience with this employer	**14**	
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, PE serves as Chief Engineer at APS Engineering and Testing, LLC, and brings 23 years of experience in geotechnical and civil engineering, with specialized expertise in advanced geotechnical laboratory testing, quality control, and personnel training. Mr. Eddanapudi earned his Master of Science in Civil Engineering from Lamar University and a Bachelor of Technology in Civil Engineering from India (1999). At APS, Mr. Eddanapudi does the Quality Assurance by overseeing all geotechnical laboratory operations, ensuring testing accuracy and compliance with DOTD, ASTM, and AASHTO standards. His responsibilities include training laboratory personnel, managing Geosystems data integration, and overseeing calibration and maintenance of laboratory testing equipment to guarantee reliable results. His professional design experience includes roadways, bridges, levees, and T-walls, as well as both shallow and deep foundations. His field expertise covers quality control inspections for auger cast piles, drilled shafts, soil, and concrete. Mr. Eddanapudi is proficient in a wide range of engineering software, including Slope/W (2004, 2007, and 2024 versions) for slope stability analysis, Seep/W for seepage analysis, DRIVEN 1.4 for driven pile analysis, MicroStation V8, CWALSHT and FS004 for Slope stability, Swell Potential analysis for expansive soils, drilled shaft design software, auger cast pile analysis, AASHTO pavement design, slope analysis, and differential settlement evaluation. Mr. Eddanapudi's combination of technical expertise, leadership in laboratory operations, and commitment to quality ensures that APS delivers accurate, dependable, and timely geotechnical data to support DOTD project success.
09/19 – 12/25	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The Geotechnical Investigation comprised the advancement of 77 deep borings along the project alignment, spanning from the Washington Street Exit to the LSU Lakes. APS performed 16 over-water borings utilizing barge-mounted drilling platforms and 61 land-based borings using truck-mounted rigs. Subsurface characterization included Shelby tube sampling, Standard Penetration Testing (SPT), and split-spoon recovery to obtain representative soil profiles. Laboratory testing included approximately 1,000 tests, including Unconsolidated Undrained (UU) Triaxial Compression tests for shear strength evaluation and Atterberg Limits for plasticity classification, in accordance with ASTM standards. Pile foundation performance was assessed through dynamic testing services, including Pile Driving Analyzer (PDA) instrumentation and signal matching via CAPWAP analysis. These tests provided real-time data on pile capacity, drivability, and soil-pile interaction, supporting axial load design and installation recommendations. Mr. Eddanapudi serves as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data. His leadership ensured conformance with DOT specifications, QA/QC protocols, and schedule adherence.
06/20 – 04/23	**Rural Bridge Replacement Initiative Phase I:** The scope included geotechnical investigation and design for the replacement of 60 bridge structures along the LA state highway system. Geotechnical Investigation consisted of drilling, laboratory testing, soil classification, and site characterization. Engineering analysis included slope stability analysis (when applicable) and pile capacity analysis for foundations to support the new bridge structures. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.
03/19 – 05/25	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** 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. The scope also includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.

01/22 – 05/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** APS was selected as part of the winning team for the Design of the Diversion CMAR project. APS performed the Geotechnical Investigation and Design for the project. The scope also included testing of subsurface soils, base materials, and concrete placement areas to evaluate compliance with design standards for the proposed roadway and bridge structures. APS performed four Pile Driving Analyzer (PDA) tests during construction monitoring to assess pile performance and verify installation criteria. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** The 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 for the City of Baton Rouge. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.
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 12 deep borings were drilled and tested for Geotechnical recommendations. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.
03/15 – 04/15	**Holly Drive Bridge Replacement- St. Tammany Parish:** The scope included Geotechnical Investigation for the replacement of a bridge structure in Covington, Louisiana. A P S performed piles vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.

Firm employed by:	**APS Engineering and Testing, LLC**			
Name	**Surendra Pathak, MS, PE**	Years of relevant experience with this employer	**12**	
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 / 09/30/2027**		
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 serves as Senior Supervisor Engineer at APS Engineering and Testing, LLC, and brings 21 years of experience in geotechnical engineering, with specialized expertise in Pile Driving Analyzer (PDA) testing and field quality control. Mr. Pathak holds a Master of Science in Civil Engineering from Mississippi State University (2013), a second M.S. in Civil Engineering from the Norwegian University of Science and Technology (2007), and a Bachelor of Engineering in Civil Engineering from Madan Mohan Malaviya University of Technology, India (1998). His technical experience spans the geotechnical design of roadways, bridges, levees, and T-walls, as well as the design and analysis of shallow and deep foundation systems. In the field, Mr. Pathak has directed and performed quality control inspections for auger cast piles, drilled shafts, soil, and concrete testing, and Pile Driving Analyzer (PDA) testing operations for driven pile testing, including data collection, real-time analysis, and coordination with project engineers to establish pile driving criteria. As a senior field leader at APS, Mr. Pathak ensures that all foundation testing and construction activities meet DOTD specifications, applying both his technical expertise and on-site leadership to support successful project delivery. He has also completed the ATSSA Traffic Control Supervisor & Flagger.
09/19 – 12/25	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The Geotechnical Investigation comprised the advancement of 77 deep borings along the project alignment, spanning from the Washington Street Exit to the LSU Lakes. APS performed 16 over-water borings utilizing barge-mounted drilling platforms and 61 land-based borings using truck-mounted rigs. Subsurface characterization included Standard Penetration Testing (SPT), Shelby tube sampling, and split-spoon recovery to obtain representative soil profiles. Laboratory testing included approximately 1,000 tests, including Unconsolidated Undrained (UU) Triaxial Compression tests for shear strength evaluation and Atterberg Limits for plasticity classification, in accordance with ASTM standards. Pile foundation performance was assessed through dynamic testing services, including Pile Driving Analyzer (PDA) instrumentation and signal matching via CAPWAP analysis. These tests provided real-time data on pile capacity, drivability, and soil-pile interaction, supporting axial load design and installation recommendations. Mr. Pathak serves as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.
06/20 – 04/23	**Rural Bridge Replacement Initiative Phase I:** The scope included geotechnical investigation and design for the replacement of 60 bridge structures along the LA state highway system. Geotechnical Investigation consisted of drilling, laboratory testing, soil classification, and site characterization. Engineering analysis included slope stability analysis (when applicable) and pile capacity analysis for foundations to support the new bridge structures. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise.
03/19 – 05/25	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** APS was selected as part of the winning team for the Geotechnical Investigation and Design of the proposed new bridge. The scope of work included the drilling and testing of 19 deep borings to support bridge foundation design recommendations. In addition to deep foundation investigations, APS performed site-specific testing of subsurface soils, base materials, and concrete placement zones to evaluate compliance with structural and geotechnical performance criteria. Laboratory testing supported classification, strength, and constructability assessments for proposed bridge elements. APS also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.

01/22 – 05/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** APS was selected as part of the winning team for the Design of the Diversion CMAR project. APS performed the Geotechnical Investigation and Design for the project. The scope also included testing of subsurface soils, base materials, and concrete placement areas to evaluate compliance with design standards for the proposed roadway and bridge structures. APS performed four Pile Driving Analyzer (PDA) tests during construction monitoring to assess pile performance and verify installation criteria. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** The 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 for the City of Baton Rouge. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected as part of the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of 12 deep borings were drilled and tested for Geotechnical recommendations. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise.
03/21 – 11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.):** The scope of services for 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. A P S drilled (2) soil borings to 110 feet deep each at Elbow Bayou Crossing, three (3) soil borings to 80 feet deep each at highest fill placement locations, one (1) soil boring to 20 feet deep at traffic light intersection and 32 soil borings to six (6) feet deep each for pavement at 700 feet intervals at selected boring locations. APS tested recovered soils for strength and engineering characteristics. The geotechnical report contained pavement and deep foundation recommendations, fill area settlement recommendations, and general construction recommendations. Mr. Pathak was an Engineer to the Geotechnical Team.
12/21 – 09/22	**Ward Creek at Seigan Lane:** The scope services for 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 soils for strength and engineering characteristics. Geotechnical reporting included slope stability analysis of the proposed channel, as well as general construction and erosion recommendations. Mr. Pathak was an Engineer to the Geotechnical Team.
01/21 – 04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Ave.):** The purpose of the project was widening of Bluebonnet Boulevard at selected locations, addition of pedestrian walkways, replacement of existing bridge over Dawson Creek and addition of green infrastructure. The scope of services included subsurface exploration of conditions at the site to enable an evaluation for the proposed pavement. APS drilled nine (9) pavement borings to six (6) feet deep from the top of existing subgrade material, two (2) soil borings to a depth of 10 feet each for the green infrastructure, and two borings to a depth of 100 feet each for the bridge. The scope of services also included conducting laboratory tests on selected samples recovered from the soil borings. The geotechnical report contained rigid pavement recommendations, deep foundation recommendations, green infrastructure recommendations, as well as site preparation and general construction recommendations. Mr. Pathak was an Engineer to the Geotechnical Team.
01/21 – 03/21	**Project No. H.013458 H.H. Wilson Rd and Manchac Acres Rd:** This project involved preparation for two bridges located on H.H. Wilson Road over Drainage Bayou and Manchac Acres Road over Drain to Muddy Creek in Ascension, Parish. The scope of services included drilling, laboratory testing including one-dimensional consolidation testing, soil classification, and boring log preparation. Mr. Pathak was an Engineer for the Geotechnical Investigation.
03/15 – 04/15	**Holly Drive Bridge Replacement- St. Tammany Parish:** The scope included Geotechnical Investigation for the replacement of a bridge structure in Covington, Louisiana. APS performed piles vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.

Firm employed by:	**Urban Systems, Inc**				
Name	**Alison Catarella Michel, PE, PTOE**		Years of relevant experience with this employer	**24**	
Title	**Principal in Charge of Traffic Engineering Tasks**		Years of relevant experience with other employer(s)	**3**	
Degree(s) / Years / Specialization			**BS / 1997 / Civil Engineering**		
Active registration number / state / expiration date			**30261 / Louisiana / 03/31/2027**		
Year registered	**2002**	Discipline	**Professional Engineer: Civil**		
Active registration number / state / expiration date			**1023 / Louisiana / 11/06/2026**		
Year registered	**2002 / 2017**	Discipline	**Professional Traffic Operations Engineering/ No.1023 / 11/06/2026**		
Active registration number / state / expiration date			**Professional Transportation Planner /No. 626/ 11/20/2026**		
Year registered	**2023**	Discipline	**Road Safety Professional 2i**		
Active registration number / state / expiration date			**No. 148/ 03/2026**		
Contract role(s) / brief description of responsibilities			**Traffic Engineer / Construction Detours and Signage**		

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. Michel is a leading expert in Traffic Engineering and Transportation Planning and is a Professional Traffic Operations Engineer, Professional Transportation Planner and Road Safety Professional. She has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage and striping. She has also prepared construction documents and provided construction engineering services for roadway modifications at intersections, for point repairs and for roadway reconstruction. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Synchro and SIDRA.
02/20 – ongoing	**LA 23: Belle Chasse Bridge & Tunnel:** Ms. Michel managed USI's tasks for Owner Verification services focused on reviewing design plans for traffic related submittals from the design-builder. These submittals included capacity analysis, plans for traffic signals, signage and striping. Ms. Michel conducted Quality Assurance/Quality Control reviews to confirm adherence with LADOTD standards and the Manual of Uniform Traffic Control. During the construction, Ms. Michel may provide support by reviewing Traffic Control Devices Plans for proposed lane closures, detours and advanced warning signage.
12/19 – 04/20	**Gretna US 90 Stage 0:** The task of determining potential intersection improvements for further study at the intersections of US 90 Business (Westbank Expressway) at LA 23, Lafayette St and Huey P. Long Ave was managed by Ms. Michel. She coordinated the deployment of traffic data collection equipment and conducted a field visit for geometric reviews and collection and queue/unmet demand data. She reviewed existing conditions capacity analysis of the intersections US 90 Business (Westbank Expressway) at LA 23 and Lafayette St. The data collection, results of capacity analysis and potential intersection improvements were summarized and included in the overall Stage 0 Feasibility report for the New Orleans Regional Planning Commission.
01/14 – 08/19	**US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design-Build Project:** Ms. Michel was a member of the key personnel for this design-build project as the Traffic Engineer. The project included converting US 90 to a controlled access facility by converting at-grade intersections to an interchange. The bridge structure had to span the intersection and railroad. She supervised the design and analysis and performed QA-QC for temporary and permanent signal plans, permanent signage plans, temporary traffic control plans and the Transportation Management Plan. Signal plans were prepared using the DOTDs latest TSI format. Analysis included developing design hour volumes for the design year and modeling signals in Synchro. Phasing and timing were developed for both permanent and temporary signal operation.
12/18 – 05/19	**Manhattan Signal Controller Upgrades:** Traffic signal modification plans for eleven (11) intersections along the Manhattan Boulevard corridor in Jefferson Parish, Louisiana were prepared in accordance with Jefferson Parish and Manual on Uniform Traffic Control Devices (MUTCD) standards. The modifications included controller component upgrades, video detection and pedestrian accommodation at select intersections. During the project Ms. Michel offered her technical expertise from over seventeen (17) years of designing traffic signals and preparing technical specifications for Jefferson Parish.

03/11 – 05/13	**Huey P. Long Bridge Widening - (Westbank and Eastbank Approaches and Main Bridge Deck Widening):** The contractor for the Huey P. Long Widening in Jefferson Parish, LA brought on USI about half-way into construction to improve the flow of traffic during required closures. Ms. Michel prepared traffic control devices plans (TCDP) for multiple phases of construction. The TCDPs also included the design of a traffic signal plan for the installation of temporary signal heads to control lane shifts.
08/10 – 07/11	**Complete Streets /East Baton Rouge Parish LA 30 (Nicholson Drive) at Brightside Lane Signal Design:** Ms. Michel was the Principal in Charge for the traffic signal design for the intersection improvements at LA 30 (Nicholson Drive) at Brightside Lane/Lee Drive in Baton Rouge. The intersection modifications included elevation changes and additional turn lanes to improve capacity. The proximity of the railroad to the intersection required a vertical sight distance evaluation for traffic signal head placement. The signal had to be designed around railroad signal equipment and to accommodate railroad preemption. Temporary traffic signals were designed for multiple phases of construction. The construction cost estimate included both the temporary and permanent traffic signals. Traffic signal plans were per the LADOTD signal design manual.
02/10 – 07/10	**LPV 16.2 Bonnabel Boulevard Floodgate:** Ms. Michel designed the traffic control devices plans for construction of the LPV 16.2 Bonnabel Blvd. Floodgate in Jefferson Parish, LA. Plans included: haul routes, bypass for the ramp tie in to Bonnabel; diverting Bonnabel southbound traffic to the temporary bypass ramp; and diverting northbound traffic to Bonnabel southbound travel lanes. Plan changes due to unforeseen conditions included details for floodwall construction diverting Bonnabel northbound and southbound traffic to the temporary roadway and closing Bonnabel Boulevard. The plans met US Army Corps of Engineers, Jefferson Parish and MUTCD standards. Inspections were conducted after any changes to the traffic control plan and/or at thirty (30) day intervals.
05/09 – 05/10	**LA 1088/I-12 Interchange:** Ms. Michel updated the permanent signage plans for the interchange on I-12 at LA 1088 in St. Tammany Parish, LA to reflect the new alignment. Traffic control device plans were designed based on the sequence of construction drawings and two phases of construction. Specifications for required S-items and a construction cost estimate were provided.
03/01 – 04/09	**LA 385 and (Ryan) Street at Prien Lake Road Intersection Improvements:** Ms. Michel was the project manager responsible for the preparation of roadway widening and signal design plans for this LADOTD project. First a CORSIM analysis of various intersection improvement strategies was conducted to determine the optimum lane configuration and signal operations. Once the preferred conceptual layout was identified, construction documents based on LADOTD standards were prepared to add turn lanes to both Ryan Street and Prien Lake Road within limited Right of Way. In addition to the traffic signal modifications, the design included modification to drainage, reconfiguration of driveways, improving corner radii, widening concrete pavement and an asphalt overlay. Preliminary and Final plans, specifications and a cost estimate using LADOTD pay items were prepared under Ms. Michel's direction. The intersection improvements were constructed successfully.
01/06 – 06/07	**Intersection Improvements Livingston & St. John Parishes:** Ms. Michel was project manager for intersection signal design for intersections on US 190, LA 3282 and LA 1030, where signalization was added or modified. A left turn lane was proposed to the eastbound approach of LA 64 and the westbound approach of LA 1026. A left turn lane was proposed on the eastbound LA 44 approach and separate right turn lanes on the LA 44 westbound and LA 3223 southbound approaches. The signage and striping was designed by Ms. Michel to incorporate the added lanes.
07/08 – 10/04	**Jefferson Parish Traffic Engineering Services on an As-Needed Basis:** Ms. Michel was project manager for Traffic Signal System District 4 Signal Upgrades. The intersections included Veterans Memorial Boulevard at Green Acres Road, David Drive at West Metairie Avenue, Transcontinental Drive at West Metairie Avenue and Lynette Drive at David Drive. Traffic signal design plans and specifications were prepared based on Jefferson Parish standards. The construction costs were estimated and a bid tab prepared. Under Ms. Michel's direction, USI staff assisted with contractor selection and construction administration by holding pre-bid and pre-con meetings, performing resident inspections including daily logs, reviewing contractor invoices and conducting final inspections. Ms. Michel also coordinated with DOTD and prepared required DOTD forms for documentation as required due to federal funding for the construction.

Firm employed by:	**Urban Systems, Inc**				
Name	**Nicole H. Stewart, PE**		Years of relevant experience with this employer	**20**	
Title	**Senior Traffic Engineer**		Years of relevant experience with other employer(s)	**2**	
Degree(s) / Years / Specialization			**BS / 2004 / Civil Engineering**		
Active registration number / state / expiration date			**34750 / Louisiana / 09/30/2027**		
Year registered	**2009**	Discipline	**Professional Engineer: Civil**		
Active registration number / state / expiration date			**2923 / Louisiana / 08/14/2027**		
Year registered	**2012**	Discipline	**Professional Traffic Operations Engineering**		
Contract role(s) / brief description of responsibilities			**Traffic Engineer / Construction Detours and Signage**		

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. Stewart offers broad expertise in Traffic and Transportation Engineering and is a Certified Traffic Control Design Specialist. She also has experience in signal design and intersection improvements, microscopic modeling using CORSIM software, geometric design, pavement design, and drainage. She has experience using Highway Capacity Software (HCS), Synchro, and TS/PP Draft in the analysis, timing and coordinating of traffic signals. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment Including suburban road closures on multilane highways, rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term. She has also completed the ATSSA Traffic Control Supervisor.
03/21 – 01/22	**North Boulevard Corridor Enhancement (I-110 to Foster/Florida):** Ms. Stewart was the Principal In Charge of overseeing the data collection and the safety analysis for the traffic study to identify improvements to the North Boulevard corridor in Baton Rouge. Seven Day counts and peak period counts were collected at key intersections. Ms. Stewart conducted peak hour observations and noted opportunities to improve safety. Safety analysis was conducted using the LADOTD Catscan tool. Individual crash reports were read and reviewed for accuracy and to assist with identifying potential countermeasures.
02/18 – 03/20	**Severn Ave: Veterans to W. Esplanade:** Ms. Stewart was the traffic engineering project manager of this Jefferson Parish roadway reconstruction project. Severn Ave is a heavily travelled multi-lane boulevard requiring complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodation. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the temporary traffic control plan development for multiple phases of construction, and she performed QA-QC. Another element of this project was coordination with Jefferson Parish and LADOTD to obtain approval of the Parish's equipment and specifications for use in the LADOTD bidding process.
01/14 – 08/19	**US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design-Build Project:** Ms. Stewart prepared the Traffic Control Device Plans for all phases of construction. Ms. Stewart was responsible for the design of the permanent signage for the new portion of I-49 within the project limits. Traffic Control Devices and Signage plans were prepared to be in accordance with the Manual of Uniform Traffic Control Devices and the most current LADOTD standards. Throughout construction, Ms. Stewart was available to meet with the contractor and visit the construction site on an as needed basis. Ms. Stewart provided timely responses to RFI's and prepared plan changes to address changes. She also prepared As-Built plans once the project was completed in August 2019.
05/18 – 04/19	**TMP for I-10: West of 108 to I-210 Interchange: Rubblize and Overlay:** As the lead engineer for this Traffic Management Plan, Ms. Stewart was responsible for the preparation of the safety analysis. She conducted the analysis per the guidelines set forth by LADOTD in Guidelines for Crash Data Analysis for this TMP in Lake Charles, LA. She conducted queue analysis to identify when lane closures would be permitted, identified the construction impact area and reviewed crash data for more than 350 collisions. Ms. Stewart identified trends and calculated crash rates and determined that the section of I-10 that was going to be rubblized had a crash rate that was higher than the statewide average and required mitigation.
10/17 – 04/19	**TMP for US 90 Bridge Maintenance over I-10 Ramps at LockMoor:** Ms. Stewart used the LADOTD EDSM guidelines to prepare key components of the traffic management plan (TMP) for proposed bridge repairs on US 90 from PPG Rd to the I-10 entrance ramp in Lake Charles, LA. Tasks include the preparation of collision diagrams, conducting safety analysis, detour analysis and developing proposed mitigations where applicable.

03/17 – 03/18	**Milan St Terminal:** Ms. Stewart was the Principal In Charge of the plan preparation of the Construction Sequencing and Permanent Striping Layouts and Signage plans. Ms. Stewart was responsible for the QA/QC of the plans that were all prepared in accordance with Port of New Orleans and MUTCD guidelines.
02/15 – 06/16	**Bridge Preventative Maintenance District 61:** Ms. Stewart was the principal in charge for Traffic Management Plans (TMP) for bridge replacement and repairs for various locations in Louisiana. This included developing various levels of TMP's based on LADOTD EDSM guidelines. Tasks included conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. For the reconstruction of the LA 1 bridge over the Intracoastal Waterway, a detailed Level 3 TMP was prepared. For this TMP, detailed work zone impact management strategies were developed to help minimize the project's impact on mobility.
09/11 – 02/12	**Williams Boulevard Floodgate:** The design of Traffic Control devices Plans including haul routes were prepared for the two phased closure of Williams Boulevard at the Lake Pontchartrain Levee Floodgate by Ms. Stewart. The plans were prepared in accordance with Jefferson Parish and MUTCD Standards. Once the plan was implemented MS. Stewart conducted inspections.
08/09 – 07/11	**LA 3235 Corridor Safety Study:** Ms. Stewart was lead engineer for LADOTD's LA 3235 Corridor Safety Study from LA 1 to LA 32 in Terrebonne Parish, LA. This study included the collection of crash data and reviewing more than three hundred (300) detailed collision reports. As a key part of this safety analysis, Ms. Stewart prepared the collision diagrams as a visual aid to assist with identifying trends and specific correctable factors that contributed to a higher crash frequency such as sight obstructions caused by intersection alignments, and pavement and lighting conditions.
04/08 – 11/10	**LA 431 Corridor Stage 0 Traffic Study:** Ms. Stewart led the efforts as the engineer responsible for the safety analysis in Ascension Parish. The primary focus of the study was to identify the causes of the high number of roadway departures on LA 431 between LA 42 at US 61. Improvements were identified and analyzed for the eight major intersections within the study area. After conducting a review of detailed accident reports, conducting speed studies and intersection analysis, recommendations were made included converting the LA 431 at LA 42 intersections to a roundabout and installing lighting to reduce nighttime collisions. The roundabout was successfully constructed.
03/12 – 11/13	**MacArthur Interchange Signal Modification/ Signage & Striping / Traffic Control Devices Plans:** The traffic study to evaluate the existing and projected operating conditions of the lower Westbank Expressway was prepared by Ms. Stewart. In the second phase, Ms. Stewart designed the new traffic signals for the interchange and adjacent signalized intersections. She prepared the striping and signage plans to accommodate the ramp changes and prepared Traffic Control Devices Plans for the various stages of construction.
03/10 – 07/10	**USACE Traffic Control Devices Plans:** Ms. Stewart has designed numerous Traffic Control Devices Plans to meet US Army Corps of Engineers, LADOTD and MUTCD standards. The plans and specifications included, but were not limited to, the proper placement of temporary Traffic Control Devices (signs, barricades, drums, roadway markings, etc.) to facilitate traffic safely and efficiently through the traffic control zone. Haul routes were designated when necessary. Many of the plans were for Corps of Engineers' projects.
01/06 – 04/09	**Ryan Street at Prien Lake Road Intersection Improvements:** Ms. Stewart prepared the design plans for roadway modifications and traffic signal upgrade. The turn lanes on both Ryan Street and Prien Lake Road had to be designed within limited Right of Way. Modifications to existing subsurface drainage were included. The construction documents were prepared per LADOTD standards. Ms. Stewart prepared an opinion of probable cost based on LADOTD pay items. The intersection improvements were successfully constructed.

Firm employed by:	**Urban Systems, Inc**				
Name	**Christine M. Darrah, PE**		Years of relevant experience with this employer	**12**	
Title	**Engineer of Record for Traffic Control Devices Plans**		Years of relevant experience with other employer(s)	**20**	
Degree(s) / Years / Specialization			**BS / 1994 / Civil Engineering**		
Active registration number / state / expiration date			**28528 / Louisiana / 09/30/2025**		
Year registered	**1999**	Discipline	**Professional Engineer: Civil**		
Contract role(s) / brief description of responsibilities			**Traffic Engineer / Construction Detours and Signage**		

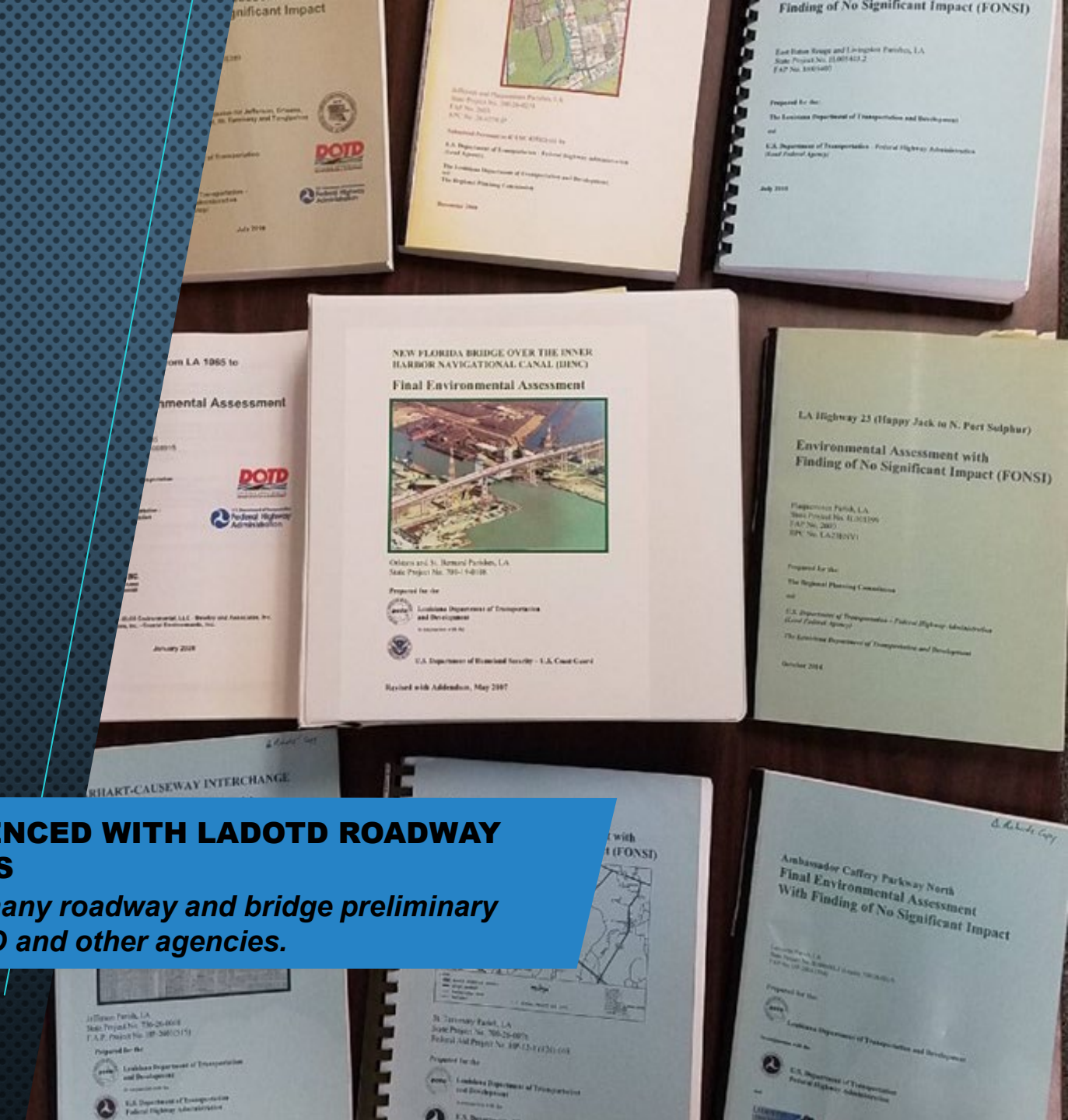
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Ms. Darrah has experience in Transportation/Civil Engineering including maintenance of traffic, roadway design plans and specifications, construction management and quality control. Her design experience previous to USI included roadways from local roads to interstates, drainage systems, utility relocations/replacements and flood protection levees. A few of examples of her areas of expertise are geometric design, hydraulic analysis, construction document preparation for various agencies, construction cost estimating and construction administration. At USI, Ms. Darrah has prepared striping layouts and signage designs for new and modified intersections, parking lots, a bus turnaround and container yard for the Port of South Louisiana. She has assisted with and conducted QA/QC for roadway plan preparation, drainage design, signal design, calculating quantities for cost estimates and quality assurance based on LADOTD, East Baton Rouge Parish and/or City of New Orleans standards. In 2015, Ms. Darrah completed the LUSC Training Design, Construction & Maintenance of Green Infrastructure and is now a Water Wise NOLA certified Green Infrastructure Professional 1. She has also completed the ATSSA Traffic Control Supervisor & Flagger.
11/20 – 02/23	**US 190 at Northshore and Camp Villere Roundabouts:** Ms. Darrah designed permanent striping & signage plans for roundabouts per LADOTD standards and specifications. She also designed temporary traffic signals for the multiple phases of roundabout construction. A Level 2 Traffic Management Plan (TMP) was also prepared by Ms. Darrah. She coordinated with the prime-consultant, St Tammany Parish, and LADOTD.
05/20 – 12/22	**Williams Traffic Signals:** Ms. Darrah assisted with the design of signal modifications for three coordinated signals. She was tasked with developing coordination plans, equipment layouts, wiring diagrams, and quantities. The traffic signal plans were prepared using the latest LADOTD TSI format. Other tasks included the addition of pedestrian accommodations including walk/ don't walk signal heads and audible push buttons.
06/22 – 10/22	**KCS Acadian Thruway:** This project included lane closures and full closure of Acadian Thruway at the KCS bridge near the I-10 interchange in East Baton Rouge Parish. Ms. Darrah prepared the Traffic Control Devices Plans applying MUTCD and LADOTD standards for proper placement of traffic control devices. Additional project efforts included designing lane closures on an I-10 onramp for laydown access and police-controlled haul routes.
07/22 – 08/22	**Mossville Traffic Control Devices Plan:** As the project Manager Ms. Darrah designed Traffic Control Devices Plans for two rolling closures of I-10 and associated ramps in Lake Charles, LA for transmission line repairs. Efforts included designing plans for interstate closures and detours. Ms. Darrah coordinated with LADOTD and Calcasieu Parish in identifying optimal locations for Dynamic Message Signage.
04/18 – 01/22	**N. Peters Sidewalk Expansion:** The Project Manager for the N. Peters sidewalk expansion project was Ms. Darrah. She prepared construction drawings and specifications for the reconstruction of the sidewalk adjacent to Canal Place Shopping Center in the Downtown Development District (DDD). The plans included the geometric layout, grading, drainage, street lighting, striping and traffic control. The plans followed all DDD, MUTCD, ADA, New Orleans DPW and S&WB requirements. Ms. Darrah also provided Construction Management Services. This included field inspections, responding to inquiries and reviewing contractors invoices.
03/21 – 04/21	**Entergy Louisiana, I-610 Transmission Line Crossing at Frenchman:** Ms. Darrah was the Project Engineer for the interstate closure project to assure public safety during overhead transmission lines repairs, this included a full closure of both directions of I-610 and westbound on ramp Elysian Fields Ave, in New Orleans. Ms. Darrah coordinated the six hour interstate closure and associated detours with LADOTD and City of New Orleans, LA . She designed Traffic Control Devices Plans applying MUTCD, LADOTD and City of New Orleans standards for proper placement of traffic control devices including portable changeable message boards. Ms. Darrah utilized AutoCAD to assist in final preparation of plans.
03/17 – 03/18	**Port of New Orleans, Milan St Terminal:** As the project's lead engineer Ms. Darrah designed Construction Sequencing and Permanent Striping Layouts and Signage plans. Construction sequencing included keeping port tenants fully operational through each phase of construction. All plans were prepared in accordance with LADOTD and MUTCD guidelines.

Firm employed by:	**Urban Systems, Inc**				
Name	**Matthew H. Morgan, PE, PTOE**		Years of relevant experience with this employer	**11**	
Title	**Transportation Engineer**		Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization			**BS / 2009 / Civil Engineering**		
Active registration number / state / expiration date			**47060 / Louisiana / 03/31/2027**		
Year registered	**2002**	Discipline	**Professional Engineer: Civil**		
Active registration number / state / expiration date			**5893 / Louisiana / 03/19/2028**		
Year registered	**2025**	Discipline	**Professional Traffic Operations Engineering**		
Contract role(s) / brief description of responsibilities			**Traffic Engineer / Construction Detours and Signage**		

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. Morgan is highly experienced in data collection for the transportation/traffic engineering application. Mr. Morgan has collected and delivered volume, class, and speed data to project managers using road tube equipment and camera systems. Mr. Morgan has been a team member for many projects involving intersection, freeway, and highway analysis. He has also assisted in traffic impact analysis, traffic control device plans, interchange modification/justification reports, stage 0 studies, traffic management plans, and planning studies. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS Software, VISSIM, CORSIM, and Adobe Suite. He has also completed the ATSSA Flagger.
01/15 – Ongoing	**Bayou St. John/Fairgrounds/Seventh Ward:** Mr. Morgan's initial objective for this federally funded project was to inspect the existing condition of the project roadways and identify which areas needed patch and overlay or complete reconstruction. These inspections included physically inspecting damages previously selected for repair by FEMA and suggesting new areas to be considered for inclusion in the project scope. During the design phase he assisted the project team with plan preparation, cost estimation, and quality control.
10/22 – 11/24	**Inner Harbor Navigation Canal (IHNC) Lock Replacement Traffic Study:** Mr. Morgan developed and coordinated a traffic study to analyze existing and projected vehicular operational and safety conditions for the Inner Harbor Navigational Canal (IHNC) lock replacement near the St. Claude, Claiborne, and Florida Bridges. To accomplish this, he conducted field observations and assisted in the collection of vehicular volume, class and speed data. Mr. Morgan reviewed the vehicular data along with historical bridge logs, which included when bridges opened to allow marine vessels to pass and halted vehicular traffic, to identify peak periods for analysis. He reviewed the Regional Planning Commission's Macroscopic Transportation model data and summarized the anticipated growth in the study area. Mr. Morgan reviewed crash/safety history to summarize crash characteristics of the study area, the Level of Service of Safety (LOSS) for major study area intersections, existing safety concerns, and crash locations. He analyzed existing and future with project traffic conditions using the VISSIM microscopic traffic simulation software and summarized methods of effectiveness. Mr. Morgan led the effort in summarizing all the data collection, safety findings, and analysis results in a technical report. He participated in weekly online/in-person meetings with stakeholders to communicate and coordinate project milestones.
03/22 – 09/22	**Hundred Oaks Broussard Bridges TCDP:** The objective of the Traffic Control Devices Plan (TCDP) in East Baton Rouge Parish, LA was to provide adequate advanced notice and signage to drivers for the closure of two local roadway bridges. Mr. Morgan led the design of the TCDP for each bridge closure which incorporated local municipalities' standards, as well as the Manual on Uniform Traffic Control Devices (MUTCD) standards. Mr. Morgan used aerial photography and the Google Earth mapping program to designate placement of detour and advanced warning signage. He oversaw the creation of the plans in AutoCAD, a CAD-type software oriented to drawing and modeling. He used QA/QC to verify the plans before delivering electronic versions of preliminary plans to the client using Adobe PDF format.
12/20 – 07/21	**Manhattan Signals (Target and Gretna):** Mr. Morgan's participation included temporary and permanent signal design for changes to accommodate an additional northbound travel lane on Manhattan Blvd at the intersections of the Target Driveway and Gretna Blvd. Designs included the maintaining existing traffic equipment and the addition of new equipment where needed. Mr. Morgan assisted with the development on signal timing and phasing changes. The plans were prepared in the latest DOTD TSI format.
06/20 – 03/21	**Destrehan TIA:** The objective of the Destrehan TIA was to assess the impact of a proposed mix use development on LA 44 in St. Charles Parish, LA. Mr. Morgan led in the analysis effort which included preparing trips generated by the proposed development, distributing project trips to the study area, analyzing the proposed project driveways with Highway Capacity Software, determining lane configurations for the proposed project driveways, and summarizing all findings and data into a draft report.

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.

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

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.**	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. 12/26**	Cost of consultant services provided by this firm ($1,000's)	**$1,614**

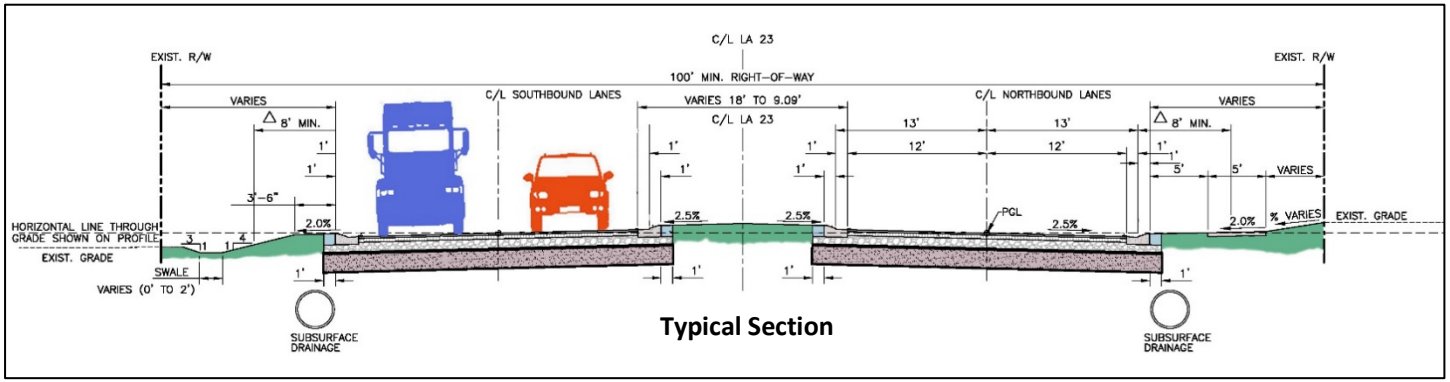
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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.

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 undivided 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.***

LA Highway 23



Typical Section

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

*** The LADOTD PM is Kurt Brauner, PE.**

Firm Name	**N-Y Associates, Inc.**			Discipline(s)*	**Road, Bridge**
Project name	**2. LA 1088 Interchange, Route I-12**			Firm responsibility (prime or sub?)	**Prime**
Project number	**700-26-0076**	Owner's name	**LADOTD**		
Project location	**St. Tammany Parish, LA**			Owner's Project Manager	**Mark Chenevert, PE ***
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1591 / mark.chenevert@la.gov**				
Services commenced by this firm (mm/yy)	**06/99**			Total consultant contract cost ($1,000's)	**$2,500**
Services completed by this firm (mm/yy)	**04/10**			Cost of consultant services provided by this firm ($1,000's)	**$1,936**

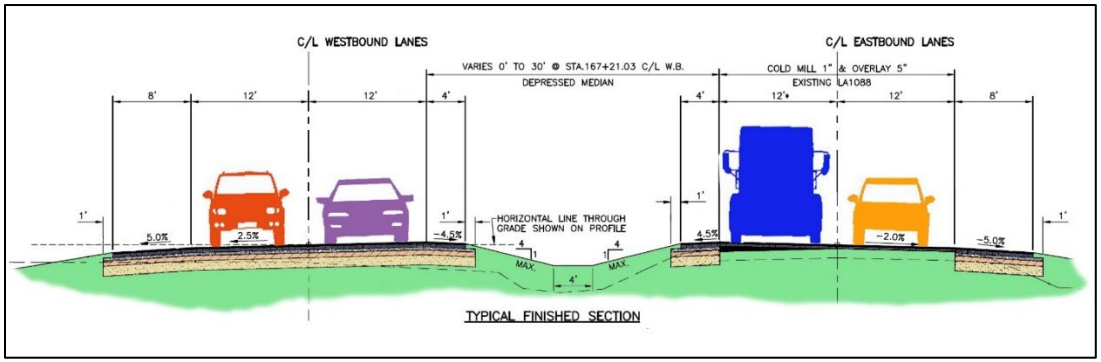
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

N-Y completed all aspects of this $15 million project, which modified an overpass to a fully directional interchange at Interstate 12 at LA 1088. N-Y's managed all components from conceptual design to final design, including:

- **Geometric Design Study (including engineering feasibility of alternatives);**
- **Interstate Access Point Request (APR) Report;**
- **Environmental Assessment;**
- **Public Outreach including Public Meetings and Public Hearings;**
- **Topographic Surveys, and**
- **<u>Preliminary and Final Roadway and Bridge Plans:</u> including the addition of a fully directional interchange at I-12 and 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.**

*** The LADOTD PM was Jeff Burst, PE. Mr. Burst is no longer with LADOTD.**

<u>N-Y MEMBERS</u>
J. Simmons, PE
F. Nicoladis, PE
M. Nicoladis, EI, MBA
S. Fall, PE
C. Nicoladis, PE
D. Voss, NICET



Firm Name	**N-Y Associates, Inc.**	Discipline(s)*	**Road**
Project name	**3. Tyler Drive Roadway and Drainage Improvements**	Firm responsibility (prime or sub?)	**Prime**
Project number	**N/A**	Owner's name	**City of Slidell**
Project location	**St. Tammany Parish, LA**	Owner's Project Manager	**Blaine Clancy, PE**
Owner's address, phone, email	**2nd Street, Suite 304, Slidell, LA 70458 / (985) 646-4270 / bclancy@cityofslidell.org**		
Services commenced by this firm (mm/yy)	**06/13**	Total consultant contract cost ($1,000's)	**$100**
Services completed by this firm (mm/yy)	**12/16**	Cost of consultant services provided by this firm ($1,000's)	**$90**

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

Feasibility Study, Design, Bidding and Construction Administration for the full pavement rehabilitation of 1,183 LF of Tyler Drive consisting of cold mill and overlay as well as segments of full reconstruction.

Thia $1.2 million project included reconfiguration of the median to add an additional left turn lane from Tyle Drive onto Gause Boulevard to maintain traffic flow. Additional left turn lanes were also added from Tyler Drive onto Manzella Drive for access to businesses and from Tyler Drive onto Natchez Drive to maintain traffic flow.

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

Firm Name	**N-Y Associates, Inc.**			Discipline(s)*	**Road**
Project name	**4. LA 1085 (Bootlegger Road)**			Firm responsibility (prime or sub?)	**Prime**
Project number	**N/A**	Owner's name	**St. Tammany Parish**		
Project location	**St. Tammany Parish, LA**			Owner's Project Manager	**Daniel Hill, PE**
Owner's address, phone, email	**P. O. Box 628, Covington, LA 70434/ (985) 898-2552 / dhill@stpgov.org**				
Services commenced by this firm (mm/yy)	**12/08**			Total consultant contract cost ($1,000's)	**$120**
Services completed by this firm (mm/yy)	**03/14**			Cost of consultant services provided by this firm ($1,000's)	**$110**

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

Design of a single-lane roundabout to replace the existing intersection at Bootlegger Road and Francis Road on the north and the newly completed Ochsner Boulevard on the south. The $1.5 million project also included relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow through the intersection during construction.

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

Firm Name	**N-Y Associates, Inc.**			Discipline(s)*	**Bridge, Road**
Project name	**5. US Highway 61 Bridges over the Comite Diversion Canal**			Firm responsibility (prime or sub?)	**Prime**
Project number	**W912P8-16-D-0006**	Owner's name	**USACE, New Orleans District**		
Project location	**East Baton Rouge Parish, LA**			Owner's Project Manager	**Chris Dunn, PE**
Owner's address, phone, email	**7400 Leake Avenue, New Orleans, LA 70160 / (504) 862-1799 / christopher.l.dunn@usace.army.mil**				
Services commenced by this firm (mm/yy)	**06/18**	Total consultant contract cost ($1,000's)	**$2,606**		
Services completed by this firm (mm/yy)	**12/25**	Cost of consultant services provided by this firm ($1,000's)	**$2,501**		

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

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

The Comite River Diversion Project is a 12-mile long channel running east-to-west between the Comite River and the Mississippi River, approximately 15 miles north of Baton Rouge, LA. The channel alignment crosses numerous existing highways, railroads, utility right-of-way, and streams, including US Highway 61 and the Kansas City Southern Railway.

N-Y was the designer and professional engineer of record for the following features of work with an approximate construction value of $50 million.

US Highway 61 Bridges and Bypass Road:

- ***The US 61 Highway Bridges were designed as twin parallel structures for northbound & southbound traffic. The bridges are 350 feet long with five equal spans. Each bridge has two, 12' travel lanes, a 6' inside shoulder, a 10' outside shoulder and a design speed of 65 mph.*** The bridge superstructures are cast-in-place concrete deck on pre-cast pre-stressed concrete AASHTO Type III girders. The bridge superstructure is supported on concrete bent caps, concrete columns and concrete drilled shafts. The design of the columns and drilled shafts include provisions for a 30 feet of channel scour at the drilled shafts and a channel flow velocity in excess of 7 ft./sec. The ends of the bridges are supported by concrete abutments and wing walls on pre-cast pre-stressed concrete piles. Design of the bridge is based on current LADOTD and AASHTO criteria.
- ***The US 61 Bypass Road was required for construction of the new US Highway 61 Bridges.*** Bulb Out Direction Crossovers were required for the bypass road and retained in the final phase. These crossovers were located at the southbound left turn lane at Irene Road and the north bound left turn lane located about 3800 feet north of the future bridge at the entrance to the Thompson Pipe Group Flowtite site on Samuels Rd.
- ***Additional project features include: Relocation of a 2700 LF segment of Barnett Road and design of all site drainage and a section of the Comite River Diversion Channel beneath, between and adjacent to the new bridges.***

Firm Name	**Civil Design and Construction, Inc.**			Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**6. LA 317 - Wax Lake B**			Firm responsibility (prime or sub?)	**Sub**
Project number	**H.014824.5**	Owner's name	**LADOTD**		
Project location	**St. Mary Parish, LA**		Owner's Project Manager	**Adam Fields (Stanley Consultants)**	
Owner's address, phone, email	**700 Main Street Baton Rouge, LA 70802 / (225) 387-2422 / FieldsAdam@stanleygroup.com**				
Services commenced by this firm (mm/yy)	**12/24**	Total consultant contract cost ($1,000's)		**N/A**	
Services completed by this firm (mm/yy)	**04/25**	Cost of consultant services provided by this firm ($1,000's)		**$162**	

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

Project Description: CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1.60 miles south of the intersection of La 317 and US 90. The survey continued along US 90 for 2.3 miles north of the intersection of La 182. The width of the survey was five feet behind the right of way to the apparent right of way of all crossing streams, canals, and 500 feet from any drainage structure.

CD&C's Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.

Performed in LA: 100%

CD&C MEMBERS
Karla Weston, PE
Madison Mills, PLS
Brad Jacobs, EI
Chancey Cothren LSI
Scott Benton
CJ Goodspeed
Jacob Stoehr
Drennon Humphreys
Alex Wells
Hunter Smith

Firm Name	**Civil Design and Construction, Inc.**	Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**7. US 190 R Cuts @ LA741**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.015849**	Owner's name	**LADOTD**
Project location	**St. Landry Parish, Port Barre, LA**	Owner's Project Manager	**Adam Fields (Stanley Consultants)**
Owner's address, phone, email	**700 Main Street Baton Rouge, LA 70802 / (225) 387-2422 / FieldsAdam@stanleygroup.com**		
Services commenced by this firm (mm/yy)	**10/24**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**01/25**	Cost of consultant services provided by this firm ($1,000's)	**$92**

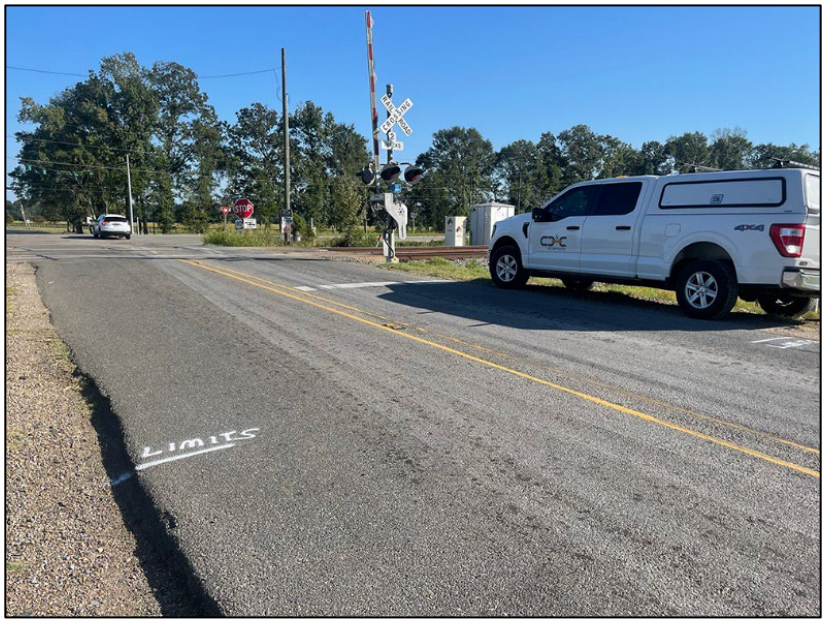
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Project Description: CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1700 feet west of the intersection of the US 190 and La 741. The survey then proceeded West along US 190. In addition, the survey was 10 feet north of the right of way line of US 190 to the toe of the Union Pacific Railroad. The survey then extended north along La 741 for 200 feet, then south from centerlines to a distance of 180 feet.

CD&C's Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.

Performed in LA: 100%

CD&C MEMBERS
Karla Weston, PE
Madison Mills, PLS
Brad Jacobs, EI
Chancey Cothren, LSI
Scott Benton
CJ Goodspeed, SUE
Jacob Stoehr
Drennon Humphreys
Alex Wells
Hunter Smith



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)	**Ongoing**	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.

Performed in LA: 100%

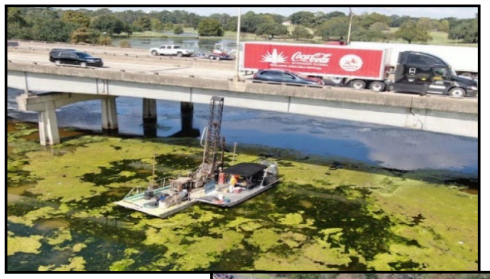
CD&C MEMBERS
Karla Weston, PE
Christopher Ballard, PLS
Madison Mills, PLS
Jacob Stoehr
Scott Benton

Firm Name	**APS Engineering and Testing, LLC**		Discipline(s)*		**Geotech**
Project name	**9. I-10 Widening LA 415 to Essen LN**		Firm responsibility (prime or sub?)		**Prime**
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	**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)	**12/25**	Cost of consultant services provided by this firm ($1,000's)		**$600**	

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

Comprehensive Geotechnical Investigation and Design Support-A P S Engineering and Testing, LLC performed a comprehensive geotechnical investigation to provide the client with all necessary subsurface information for the planning and design of the I-10 widening project between the Washington Street Exit and LSU Lakes. The scope included the drilling and sampling of 77 deep borings, consisting of 16 over-water borings and 61 land borings, strategically located to address anticipated deep foundation and MSE Walls design needs. Our field operations incorporated multiple drilling techniques to address varying site conditions, and all sampling was conducted in accordance with ASTM and DOTD standards. The project required complex over-water operations with specialized equipment mobilization and safety compliance procedures. Laboratory testing was performed exclusively in our AASHTO-Accredited Geotechnical Laboratory, including:

- **Soil Classification – ASTM D2487 (Unified) / ASTM D3282 (AASHTO)**
- **Natural Moisture Content – ASTM D2216**
- **Liquid limit, plastic limit, and plasticity index (ASTM D4318)**
- **Grain Size Analyses – ASTM D422**
- **Minus No. 200 Wash Sieve Analysis – ASTM D1140**
- **Unconsolidated Undrained (UU) Triaxial Tests – ASTM D2850**
- **One-Dimensional Consolidation Testing – ASTM D2435**
- **Specific Gravity – ASTM D854**



All results were subjected to QA/QC review by senior geotechnical engineers, ensuring that the design team received reliable engineering parameters for design. As a result, a geotechnical report was prepared with site-specific design recommendations for deep foundations, embankment stability, and MSE wall structures, enabling the client to move forward with confidence in the design phase.

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**			Discipline(s)*	**Geotech**
Project name	**10. 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.)

Comprehensive Geotechnical Investigation and Design Support-A P S Engineering and Testing, LLC provided complete geotechnical services to support the planning, design, and construction of multiple structures along the LA-19 corridor, including the LA-19 bridge (slope stability/embankment), LA-19 railroad bridge (embankment/MSE wall settlement/retaining wall), LA-19 twin bridges, and the LA-67 bridge (prestressed concrete piles).The investigation included drilling and sampling of 19 deep borings ranging from 50 ft to 120 ft, followed by an extensive laboratory testing program in our AASHTO-accredited laboratory including:

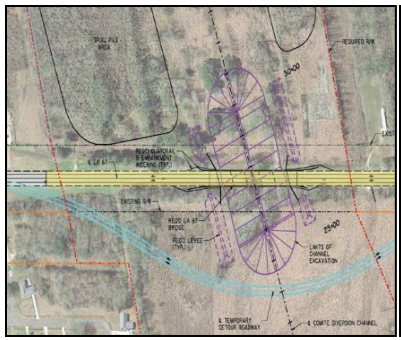
- **Moisture content (ASTM D2216)**
- **Liquid limit, plastic limit, and plasticity index (ASTM D4318)**
- **Unconsolidated-Undrained triaxial compression (ASTM D2850)**
- **One-Dimensional Consolidation (ASTM D2435)**

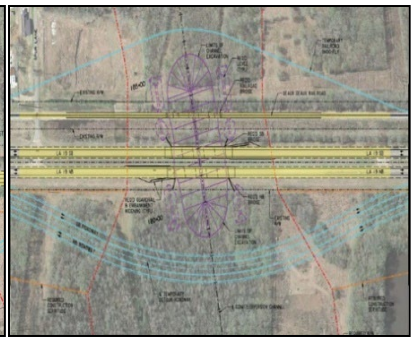
All data was analyzed to develop the geotechnical design parameters for Slope Stability, Settlement, MSE wall, and Deep Foundations design. As the project advanced into construction, A P S was also retained by DOTD to provided full geotechnical engineering services during construction, services included:

- **PDA instrumentation and CAPWAP analysis for driven piles**
- **Field inspection and verification of test piles**
- **Construction Materials Testing (CMT) for soils, concrete, and aggregates**

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**	Discipline(s)*	**Geotech**
Project name	**11. US-90 Railroad Overpass (S. East of LA-85)**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.010155**	Owner's name	**Shread-Kurykendall & Associates, Inc**
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.)

Comprehensive Geotechnical Investigation and Design for 2,400-Foot Span Bridge-A P S Engineering and Testing, LLC performed full-service geotechnical investigation and engineering analysis to support the planning and design of a 2,400-foot bridge. The scope work included drilling twelve (12) borings to depths of 120 ft, with continuous undisturbed sampling from the ground surface to 20 ft and at 5-ft intervals thereafter to ensure high-quality data for design purposes.

All laboratory testing was performed in our AASHTO-accredited laboratory following ASTM standards, including:

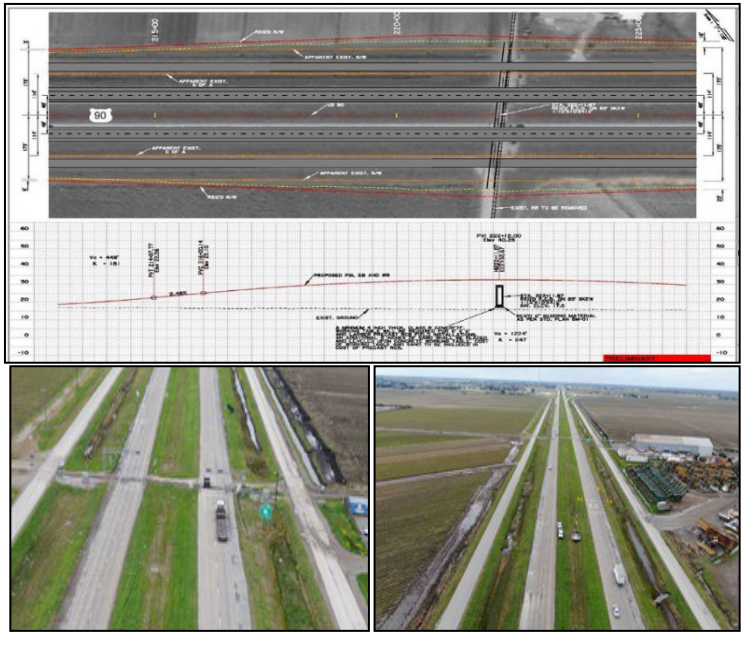
- **Visual description and classification of soils (ASTM D2488)**
- **Moisture content (ASTM D2216)**
- **Minus No. 200 Wash Sieve Analysis – ASTM D1140**
- **Liquid limit, Plastic limit, and Plasticity index (ASTM D4318)**
- **Unconsolidated-Undrained triaxial Compression (ASTM D2850)**
- **One-Dimensional Consolidation (ASTM D2435)**

The engineering analysis included Slope Stability, Settlement analysis, MSE wall design, and deep Pile foundations design recommendations, ensuring a complete geotechnical design report. Recommendations were also provided for constructability and long-term performance of the bridge foundations.

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	**Urban Systems, Inc**		Discipline(s)*	**Traffic**	
Project name	**12. LA 73 @ Cornerview**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**MA-22-04**	Owner's name	**Ascension Parish Government**		
Project location	**Ascension Parish, LA**		Owner's Project Manager	**Daniel Helms**	
Owner's address, phone, email	**615 E Worthey St, Gonzales, LA 70737 / (225) 450-1200 / Daniel.Helms@apgov.us**				
Services commenced by this firm (mm/yy)	**10/22**	Total consultant contract cost ($1,000's)	**N/A**		
Services completed by this firm (mm/yy)	**04/25**	Cost of consultant services provided by this firm ($1,000's)	**$54.5**		

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

This project included a traffic study for the intersection of LA 73 at Cornerview Rd in Acesnsion Parish, LA. The purpose of the study is to evaluate potential traffic control at the intersection based on capacity and/or safety issues. The study followed the LADOTD EDSM VI.1.1.1.2 Intersection Control Evaluation (ICE) and the LADOTD Traffic Engineering Process and Reports (TEPR).

Urban Systems was tasked with preparing the full traffic study which includes data collection, determining existing and future traffic volumes, development/refinement of alternatives, capacity analysis and safety analysis. Urban Systems worked with prime to provide potential intersection alternatives. Identifying existing capacity and safety issues at the intersection was the initial focus of Urban Systems for the project. Existing safety and capacity issues were identified to assist with potential ways to mitigate traffic. Following the initial evaluation, alternatives will be developed and analyzed using a three (3) "tier" process to compare alternatives.

URBAN MEMBERS
Alison Michel, PE
Nicole Stewart, PE
Matthew Morgan, PE

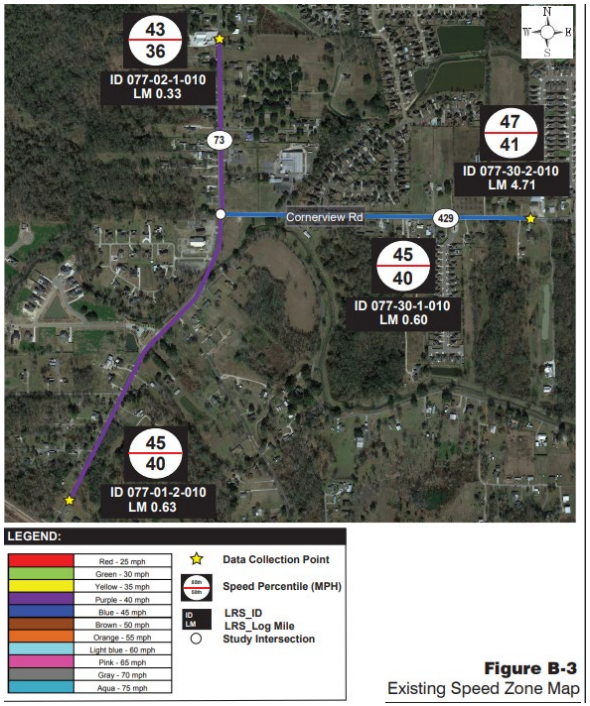
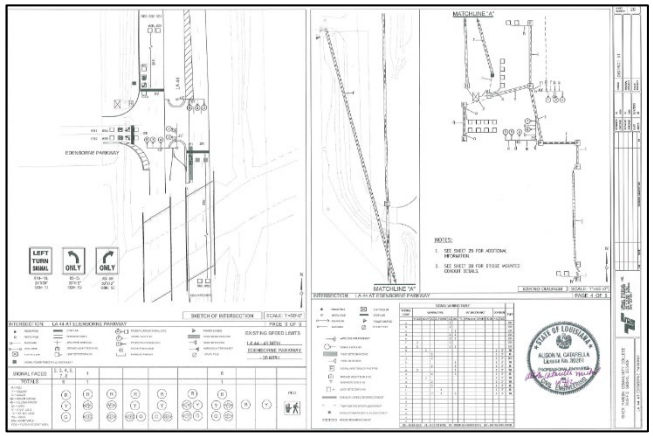


Figure B-3
Existing Speed Zone Map

Firm Name	**Urban Systems, Inc**		Discipline(s)*	**Traffic**	
Project name	**13. River Parish Community College Edenborne Site– LA 44**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**H.009620.5-1**	Owner's name	**Edenborne Development Co.,LLC.**		
Project location	**Ascension Parish, LA**		Owner's Project Manager	**William G. Clark**	
Owner's address, phone, email	**4937 Shafer Avenue, Wixom, Michigan / (483) 393-2869 /** wclark@quadrants.com				
Services commenced by this firm (mm/yy)	**08/11**	Total consultant contract cost ($1,000's)		**N/A**	
Services completed by this firm (mm/yy)	**03/20**	Cost of consultant services provided by this firm ($1,000's)		**$31**	

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

Urban Systems prepared a Traffic Impact Analysis (TIA) for the purpose of obtaining a Letter of Compliance. Traffic signal design services were provided for the resulting mitigating improvements.



Traffic Study Update: As requested by LADOTD, the Traffic Study was updated to provide the analysis and data prior to additional development The following tasks were conducted to meet the LADOTD requirements:

- Provided LA 44 interchange count data.
- Revised the base conditions and projected conditions figures to present the LA 44 interchange counts and remove the internal roundabouts
- Conducted an analysis at LA 44 at Edenborne Parkway and at the LA 44 interchange ramps with the new trips with the permitted signalization (using HCS+) and improvements developed for the Edenborne approach or as needed.
- Conducted an analysis at LA 44 at Edenborne Parkway and at the LA 44 interchange ramps with the new trips as roundabouts and as signals (using SIDRA).
- Included verbiage addressing the future potential of access to Loosemore Road and St. Landry Avenue.

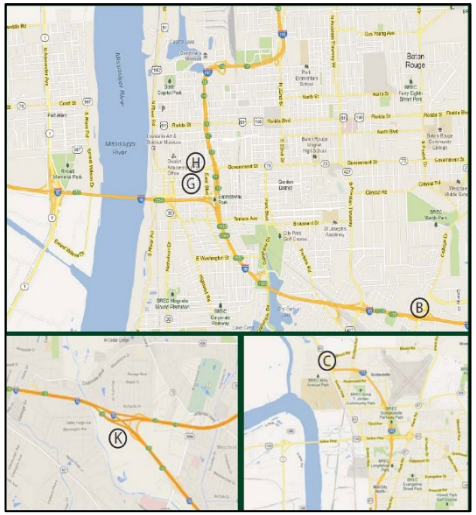
Design Services: New traffic signals on LA 44 at the proposed Edenborne Parkway and the existing Interstate 10 ramp terminals were designed. The traffic signal design plans were prepared in the LADOTD Traffic Signal Inventory format. The mast arm mounted signal was designed to include video and loop detection, and interconnection between the signals. Fiber optic communication was designed between the signals and the existing fiber optic network to provide remote access from the Advanced Transportation Management Center. The plans were approved, the project was permitted by LADOTD, and both the signals and communication are operational.

URBAN MEMBERS
Alison Michel, PE
Nicole Stewart, PE

Firm Name	**Urban Systems, Inc**			Discipline(s)*	**Traffic**
Project name	**14. Bridge Preventative Maintenance District 61**			Firm responsibility (prime or sub?)	**Sub**
Project number	**F.A.P. and SP H.000351**	Owner's name	**LADOTD**		
Project location	**Baton Rouge, LA**			Owner's Project Manager	**Mr. Danny Tullier**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70804 / (225) 379-1355 / Danny.Tullier@LA.GOV**				
Services commenced by this firm (mm/yy)	**11/12**	Total consultant contract cost ($1,000's)			**N/A**
Services completed by this firm (mm/yy)	**09/16**	Cost of consultant services provided by this firm ($1,000's)			**$69.8**

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

The objective of this project was to conduct a Level 4 Transportation Management Plan (TMP) based on LADOTD EDSM VI.1.1.8 for bridge component repairs at five (5) locations on I-10, I-110 and I-12 in Baton Rouge, Louisiana. A TMP was critical for these locations as the interstates serve up to 85,000 vehicles per day and closing lanes and/or ramps would have a significant impact on mobility.



Seven-day hourly volume counts were collected and adjusted using LADOTD seasonal and axle factors. A queue analysis was conducted, as specified in LADOTD EDSM VI.1.1.4, to determine when the proposed lane closures could be implemented with the least impact with the high interstate volumes.

A safety analysis was conducted based on the LADOTD's Guidelines for Crash Data Analysis, June 2014. Crash rates were calculated for each location and compared to LADOTD's statewide averages and to LADOTD's High Potential for Safety Improvements (formerly the Abnormally High Crash) List. Charts were developed at each location based on collisions by type, log mile and time.

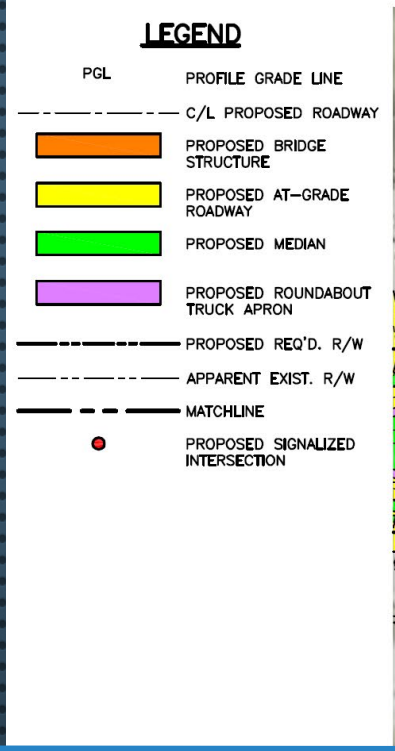
A stakeholders meeting was held during the TMP process to obtain input and share information with:

- LADOTD Headquarters
- LADOTD District 61
- LADOTD TMC
- East Baton Rouge Sheriff's Office
- Louisiana State Police
- Baton Rouge Police Department
- Prime and sub consultants.

URBAN MEMBERS
Alison Michel, PE
Nicole Stewart, PE
Matthew Morgan, PE

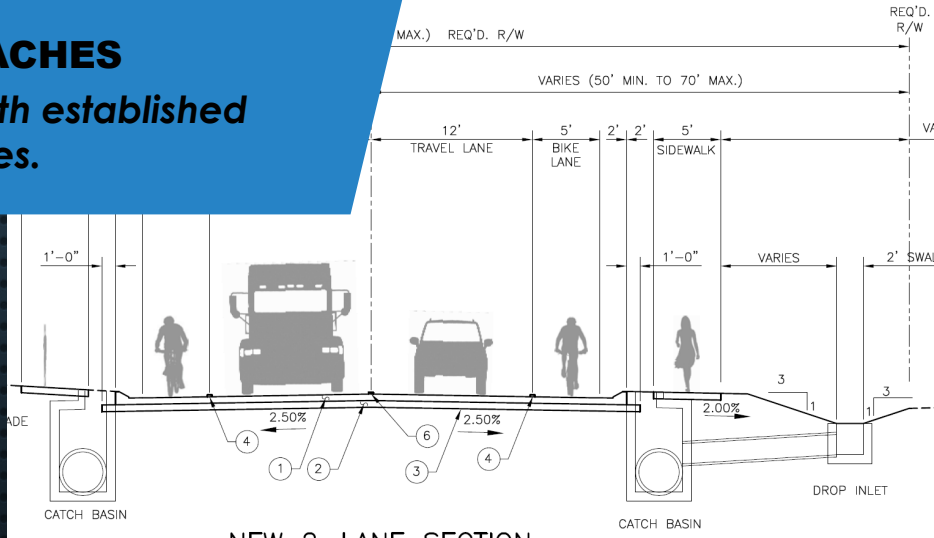
SECTION

18



WE HAVE PROVEN YET INNOVATIVE APPROACHES

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



NY ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

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. **If the consultant has information it believes is proprietary, label it accordingly.**

YOUR PROJECT TEAM

The N-Y led team has decades of LADOTD experience and a solid understanding of the key issues of LADOTD design projects. **Under the supervision of James 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), a new roundabout for the intersection of Bootlegger Road and Francis Road in St. Tammany Parish (roadway design), and new US Highway 61 Bridges in East Baton Rouge Parish (bridges and bypass roadway design).**

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 in addition to roadway improvements in Tangipahoa, Jefferson, and the River Parishes.

PROJECT UNDERSTANDING

The N-Y team understands the importance of each and every project for **pavement preservation and full sized plan design.** N-Y is ready to work with District 61, and any other districts as the need arises to deliver these projects on schedule for design and construction.

N-Y understands that these projects will be issued as individual Task Orders under compressed schedules

We will work with our team to complete all tasks from surveying to preparation of full size plan design, pavement preservation, transportation system management (TSM) or similar type project, working closely with LADOTD Districts. We understand the projects will vary in scope and duration**.**

We will provide design solutions in accordance with applicable LADOTD's Minimum Design Guidelines, the Pavement PPR (Preservation, Replacement, or Rehabilitation) Minimum Design Guidelines for safety improvements, intersection improvements, drainage improvements and similar type projects at locations to be determined.

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 Minimum Design Guidelines, Guidance for PRR Projects, 3R Minimum Design Guidelines, and Pavement PRR Minimum Design Guidelines. The project will also be reviewed using the LADOTD Guidance for Safety Improvements. A sample project schedule is included below.

Pre-Design Planning Conference

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 Pre-Design Conference.
4. Prepare project schedule for review and discussion at the Pre-Design Conference.
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 Pre-Design Conference.
6. Schedule, budget, invoicing, communications protocol and other project management procedures will also be discussed.
7. Prepare and distribute minutes from the Pre-Design Conference to all attendees.

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.

TOPOGRAPHIC SURVEYS & GEOTECHNICAL BORINGS

CD&C will perform topographic surveys, property surveys, R/W Maps, Title Take-Off and other field information necessary for the design. CD&C will ensure that the topographic surveys shall adhere to 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 as included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. Survey control and horizontal alignment shall be based on the Louisiana State Plane Coordinate System. 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. Property surveys shall be based on topographic survey control. R/W Maps (Base and Final) shall be prepared as needed. 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 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, drainage structures, guardrails, & traffic information will be submitted to the area engineer, design engineer, district traffic operations engineer, and district laboratory engineer for review.

N-Y uses all LADOTD approved software including: MicroStation/Inroads, Open Roads Designer, ProjectWise and CAD Conform.

PRELIMINARY PLANS: FULL SIZE PLAN DESIGN

Following the Pre-Design Planning Conference, N-Y will submit a revised Design Report and Design Criteria including revisions from the Pre-Design Conference for approval. The finalized design criteria will allow the team to move efficiently into preliminary plans.

N-Y will follow the Minimum Design Guidelines, documenting decisions and identification of any Design Waivers or Design Exceptions that are required. Any anticipated design waivers or design exceptions will be submitted along with the preliminary and final plan submittals.

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

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. Preparation of a cost analysis if required to determine the most economical structure design and preparation of a corresponding report for LADOTD use
v. Plan Sheets include plan and profile sheets with existing topo, horizontal and vertical alignment, typical sections, title sheet.

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.

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.

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.

PRELIMINARY PLANS: PAVEMENT PRESERVATION PROJECT DESIGN

Following the Pre-Design Planning Conference, N-Y will submit a revised Design Report and Design Criteria including revisions from the Pre-Design Conference for approval. The finalized design criteria will allow the team to move efficiently into preliminary plans.

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

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

Preliminary plan submittals shall include a 95% Preliminary Plans and 100% Preliminary Plans. A site visit inspection will be performed after the 95% Preliminary Plans and a review meeting.

FINAL PLANS

Preparation of Final Plans will begin after environmental clearance and NTP are received.

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.

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.
v. Assemble Plans and do pre-advance check prints review (90% Final)

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.

HYDRAULIC ANALYSIS AND DESIGN

N-Y will provide the hydraulic analysis and design of the necessary drainage features as specified in the LADOTD Hydraulics Manual to provide adequate drainage along the roadway and surrounding areas. The N-Y team is more than capable of designing any required roadway drainage structures.

QUALITY CONTROL AND QUALITY ASSURANCE

N-Y's QC / QA 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. All submittals will be in LADOTD QC/QA forms.

TRANSPORTATION MANAGEMENT PLAN (TMP)

If necessary, a Transportation Management Plan (TMP) will be prepared by our subconsultant Urban Systems to manage work zone impacts of the project. It is anticipated that these will be **TMP Level 2** projects that affect the existing road way.

Urban Systems will also handle any Traffic Signalization.

ENVIRONMENTAL SERVICES (ONLY IF REQUIRED)

For safety improvements and similar roadway improvements, it is anticipated that a Categorical Exclusion (CE) could be required for individual projects. N-Y will prepare a CE including an environmental checklist, project description, project map, distribute SOV letters, collect SOV responses and other items as necessary to complete the CE. N-Y also has experience preparing exhibits, technical presentations and attending/managing Public Meetings and Hearings for LADOTD projects requiring more than a CE.

CONSTRUCTION SUPPORT

N-Y can also provide construction support and construction engineering services. N-Y can provide shop drawing reviews, evaluate contractor submittals, and plan revisions to address unforeseen conditions. Construction Support can also include reviewing Requests for Information (RFIs) from the Contractor and promptly responding as well as periodic site visits.

CONCLUSION

The N-Y team will be immediately available to commence work upon receipt of an NTP. N-Y and our subconsultants (CD&C, APS & USI) 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.

PROPOSED PROEJCT SCHEDULE

Typical Pavement Preservation Project

	Stage/Deliverable	Months										
		1	2	3	4	5	6	7	8	9	10	11
PRE-DESIGN STAGE	NTP/Kickoff Meeting											
	Assemble and study existing data: As-Built Plans/ Boring Information/ Traffic Data											
	Pre-Design Conference											
	Site Visit / Field Reconnaissance											
	Perform Topographic Survey											
	Traffic Counts (if needed)											
	Prepare location plan for borings (if needed)											
PRELIMARY PLANS	Preparation of Preliminary Plans											
	Perform sampling and/or testing and reporting of borings (if needed)											
	Submit 95% Preliminary Plans for review											
	Plan review meeting and site inspection											
	Submit Design Report, Design Exceptions, Design Waivers											
	Submit 100% Prel Plans											
	Environmental Clearance (If Needed)											
FINAL PLANS	Preparation of Final Plans											
	Submit 95% Final Plans											
	Complete Final QC Checklist & QA/QC											
	Prepare and Submit Opinion of Probable Cost											
	Submit Advance Check Prints											
	Submit Revised Post Advance Check Prints											
	Submit 100% Final Plans (Stamped, Signed & Dated)											

Typical Full-Size Plans Project

	Stage/Deliverable	Months																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
PRE-DESIGN STAGE	NTP/Kickoff Meeting																			
	Assemble and study existing data: As-Built Plans/ Boring Information/ Traffic Data																			
	Site Visit / Field Reconnaissance																			
	Perform Topographic Survey																			
	Traffic Counts (if needed)																			
	Prepare location plan for borings (if needed)																			
PRELIMARY PLANS	Preparation of Preliminary Plans																			
	Pre-Design Conference & NTP for Stage 3, Part III																			
	Perform sampling and/or testing and reporting of borings																			
	Prepare Hydraulic Report (if needed)																			
	Submit 30% Preliminary Plans for review																			
	Submit 60% Preliminary Plans for review																			
	Property Surveys																			
	Submit 95% Preliminary Plans for review (PIH submittal with Constructibility/Biddibility form, addressing review comments)																			
	PIH																			
	Submit 100% Preliminary Plans																			
	Environmental Clearance (If Needed)																			
FINAL PLANS	Preparation of Final Plans																			
	Submit 60% Final Plans																			
	Submit 60% R/W Maps																			
	Joint Plan Review (JPR)																			
	Submit 95% Final Plans																			
	Submit Final R/W Maps																			
	ACP Review Mtg.																			
	Submit 98% Final Plans																			
	Submit 100% Final Plans (Stamped, Signed & Dated)																			

SECTION

19

WE HAVE THE CAPACITY AND MANPOWER FOR THE JOB

Our team is capable, proven and ready to complete this project in a timely and efficient manner.

NY ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

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) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	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	$301
	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	$190
	Bridge	4400019337/H.014248	Rural Bridge Replacement Initiative - Phase II - LA 124, Catahoula Parish	$756
	Bridge	4400019337/H.014250	Rural Bridge Replacement Initiative - Phase II - LA 577, Franklin Parish	$420
Civil Design & Construction, Inc.	Survey	4400027093/H.014041	LA 92 ROW Maps	$60,342
	Survey	4400026026; H.016037	LA 1138-1 & LA 1138-2	$371,329
APS Engineering and Testing, LLC	CE&I/OV	4400024653/H.01254.6	Wiggins Bayou Bridge	$37,790
	Geotech	4400019337/H.014247	LA 399: Bridges Near Fullerton	$24,307
	Geotech	440019337/H.014245	LA 119: Bayou Pierre & Creek Bridges	$23,654
	Geotech	4400024653/H.014982.5	Marathon Rd over Dry Creek	$25,056
	Geotech	4400019011/H.012068.5	LA 1026 Creek Bridge	$12,900
	Geotech	4400024653/H.014978.5	Bellard Loop over Untamed Drainage Ditch	$28,545
	Geotech	4400024653/H.016323.5	LA 37: Glass Branch Bridge	$6,431
	Geotech	4400024653/H.016326.5	LA 36: Drain Bridge Pearl	$11,451
	Geotech	4400024653/H.016322.5	LA 81: W-11 Lateral & Bayou Black Bridges	$15,804
	Geotech	4400024653/H.016312.5	LA 3116: Creek Bridges	$20,014
	Geotech	4400024653/ H.004005.5	I-10 LA 415 to Essen Lane on I-10 and I-12	$55,900
	Geotech	4400024653/H. 016321.5	LA 970: Creek Bridge	$5,123
	Geotech	4400024653/H.016311.5	LA 1123: Box Culvert Creek Bridge	$22,194
	Geotech	4400024653/H.016324.5	LA 1047: Drain Bridge	$6,946
	CE&I/OV	4400024653/ H.014560.6	LA-94: Vermillion River Bridge	$33,507
Urban Systems, Inc	Traffic	4400022581/H011221.5/ H.011222.5	I-10: N.O CBD3 (Poydras-Louisa) & I-10: N.O CBD4 (Louisa-I-510)	$32,773
		4400024185/H.016046.5	US 190: Atchafalaya R @ K'Sprngs Repairs	$7,616
	Traffic	4400024185/H.006226.5	Pointe-a-La-Hache Ferry Landing Replacement	$5,000

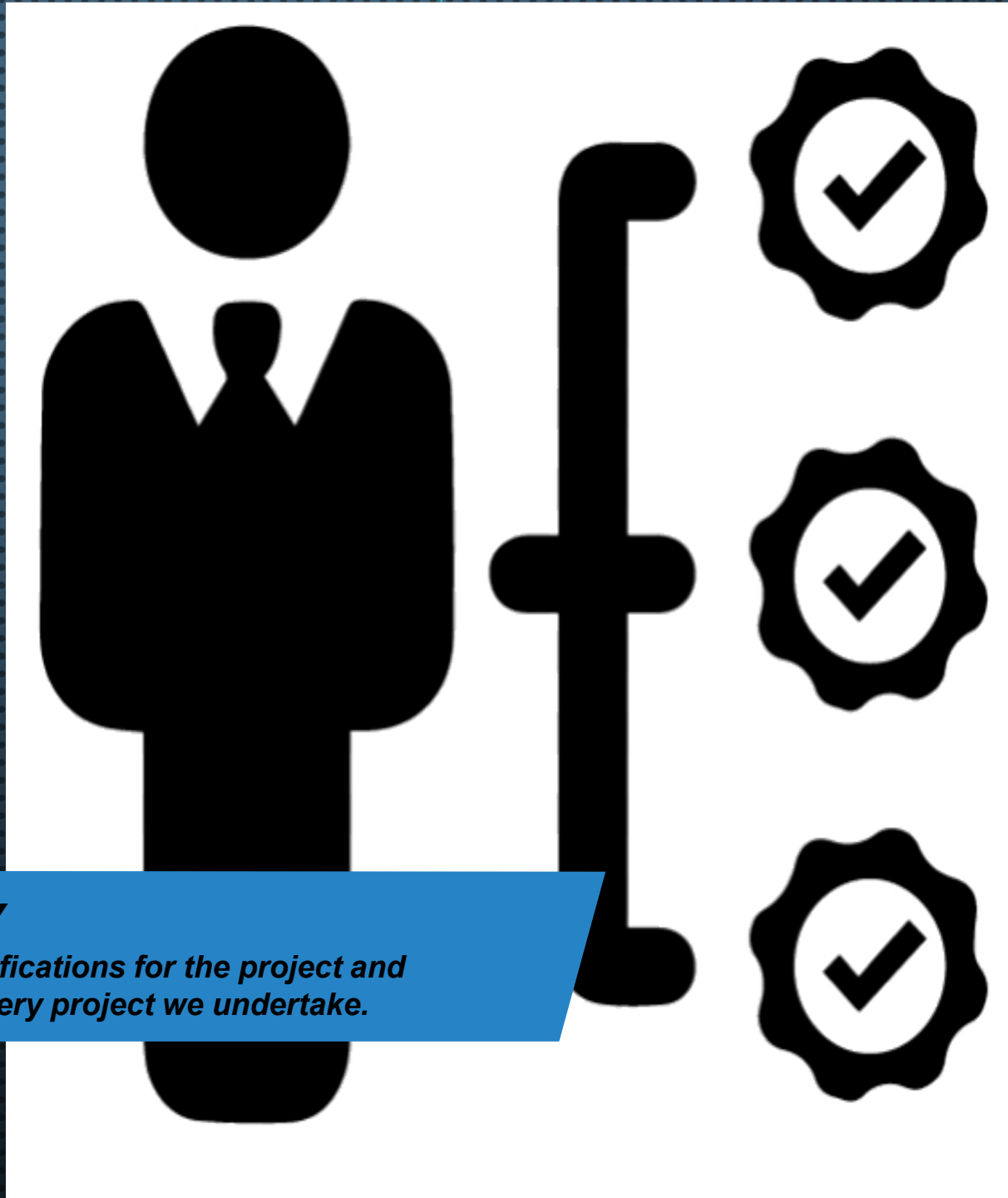
DO NOT SUM

* The only past performance evaluation disciplines are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic. 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 exceeds the required qualifications for the project and strives for outstanding quality on every project we undertake.

NY ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • PLANNERS
PROGRAM & PROJECT MANAGERS

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

Work Zone Training

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Technician
Training Course

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

James E Simmons
has attended
Louisiana Traffic Control Supervisor
Training Course

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA
Safer Roads Save Lives

Constantine Nicoladis

has attended
Louisiana Traffic Control Technician

Completed: 03-DEC-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

ATSSA
Safer Roads Save Lives

Constantine Nicoladis

has attended
Louisiana Traffic Control Supervisor

Completed: 05-DEC-2024

CEU (If Applicable): 1.5

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

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Fred Mortali
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

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

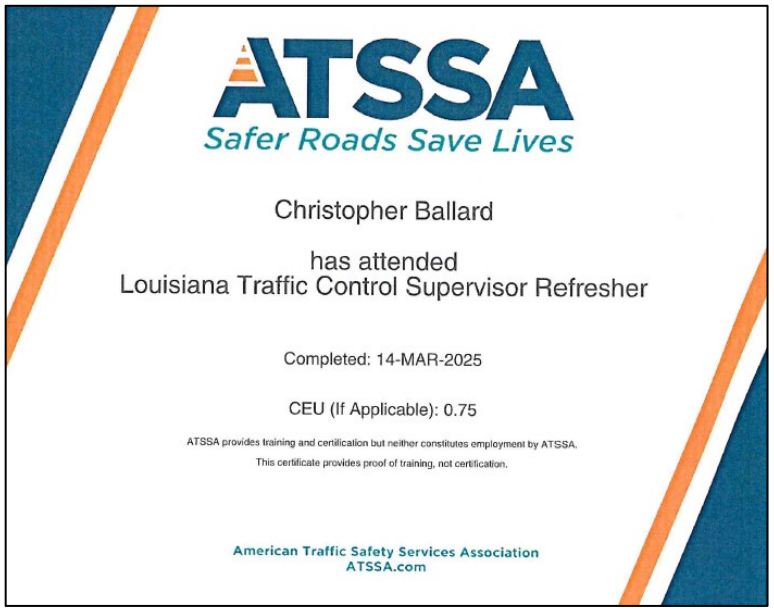
Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com



ATSSA
Safer Roads Save Lives

Christopher Ballard

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

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

ATSSA TRAINED

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.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA
Safer Roads Save Lives

Chancey Cothren

has attended
Louisiana Traffic Control Supervisor

Completed: 22-AUG-2024

CEU (If Applicable): 1.5

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

Clarence Goodspeed
has attended
Traffic Control Technician-LA State Specific
Training Course

4/26/2022 to 4/26/2026
Training Valid Through

Director of Training

Baton Rouge, LA
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

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

American Traffic Safety Services Association ATSSA.com

ATSSA
Safer Roads Save Lives

Scott Benton

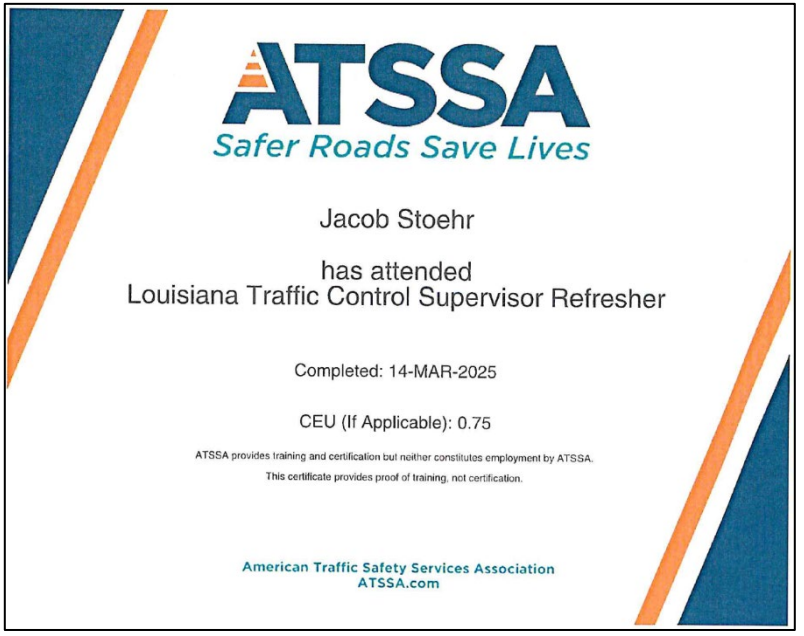
has attended
Louisiana Traffic Control Supervisor Refresher

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



ATSSA
Safer Roads Save Lives

Jacob Stoehr

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

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

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

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

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

Tracey Smith
has attended
Traffic Control Technician-LA State Specific
Training Course

8/2/2022 to 8/2/2026
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

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 CERTIFICATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Surendra Pathak

has demonstrated a thorough knowledge of the standards, guidelines and practices of traffic control in highway construction and maintenance work areas; has completed all the requirements of the American Traffic Safety Services Association Certification Program to the satisfaction of the Certification Board; and is hereby awarded the designation of:

Traffic Control Supervisor

This certified Individual is fully entitled to all the rights and privileges associated with this designation. This certificate will remain in effect until the expiration date noted herein unless otherwise revoked by action of the Certification Board.

Issue Date: 12/29/2022
Expiration Date: 12/28/2026
Certification #: 440578

Vice President of Education and Technical Services

American Traffic Safety Services Association
ATSSA.com

ATSSA
Safer Roads Save Lives

Nicole Stewart

has attended
Louisiana Traffic Control Supervisor

Completed: 26-FEB-2025

CEU (If Applicable): 1.5

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

ATSSA
Safer Roads Save Lives

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that
Christine Darrah
has satisfied the requirements
to be designated as a
Traffic Control Supervisor

Cert. #: 873755
Issue Date: 2/11/2025
Expiration Date: 2/10/2029

Certification Board

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

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

CJ Goodspeed

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 3/23/2022
Exp. Date 3/22/2026
State Issued LA

ATSSA
Instructor Name
Instructor Signature

A1000054514
Verify at Flagger.com

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
SAFER ROADS SAVE LIVES
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
Exp. Date 2/2/2028
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000258961

Verify at Flagger.com


ATSSA
Safer Roads Save Lives
American Traffic Safety Services Association

This is to affirm that

JAKE STOEHR

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

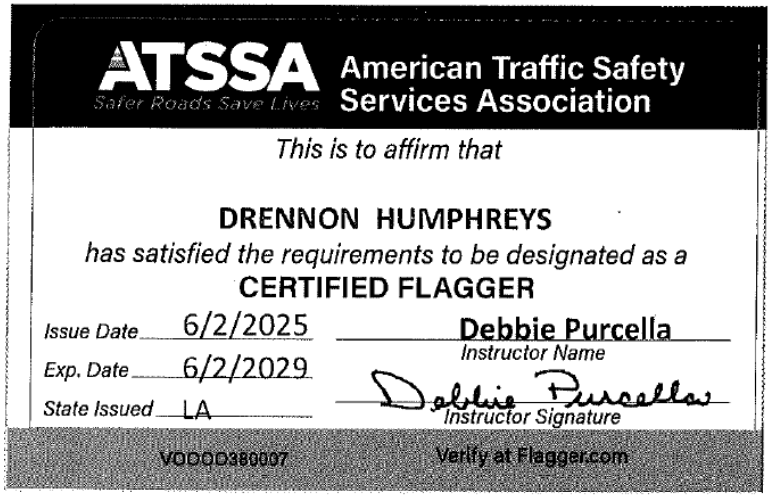
Issue Date 6/2/2025
Exp. Date 6/2/2029
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

VODOD380006

Verify at Flagger.com


ATSSA
Safer Roads Save Lives
American Traffic Safety Services Association

This is to affirm that

DRENNON HUMPHREYS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 6/2/2025
Exp. Date 6/2/2029
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

VODOD380007

Verify at Flagger.com


ATSSA
SAFER ROADS SAVE LIVES
American Traffic Safety Services Association

This is to affirm that

ALEXANDER WELLS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 1/29/2024
Exp. Date 1/29/2028
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000262405

Verify at Flagger.com

Certified Flagger Training

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
Exp. Date 2/2/2026
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000039795

Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

TRACEY SMITH
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 4/24/2025
Exp. Date 4/24/2029
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000307728

Verify at Flagger.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

Sergio Aviles
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 12/7/2022
Exp. Date 12/6/2026
State Issued Louisiana

ATSSA
Instructor Name

Instructor Signature

A1000114797

Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

Surendra Pathak
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date: 1/29/2025
Exp. Date: 1/28/2029
State Issued: Louisiana

ATSSA
Instructor Name

Instructor Signature

A1000282129

Verify at Flagger.com

Certified Flagger Training

ATSSA American Traffic Safety Services Association

SAFER ROADS SAVE LIVES

This is to affirm that

Christine Darrah

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 7/1/2024

Exp. Date 6/30/2028

State Issued Louisiana

ATSSA
Instructor Name

Instructor Signature

A1000213222

Verify at Flagger.com

Certificate of Training

this certifies that

Matthew M. Morgan

has successfully completed the training program requirements for

National Flagger Certification Training Course

Awarded on this 23rd *day of* August 2022

This certificate is valid for 30 days from the date awarded.

Constrcution, Engineering, & Inspection (CE&I) Training

State of Louisiana

Department of Transportation and Development

This certificate is presented to

Sergio Aviles

for successfully completing

The Local Public Agency (LPA) Qualification Program: Construction, Engineering, & Inspection (CE&I) Training (Parts 1-9) on

May 5, 2025

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

State of Louisiana

Department of Transportation and Development

This certificate is presented to

Sairam Eddanapudi

for successfully completing

The Local Public Agency (LPA) Qualification Program: Construction, Engineering, & Inspection (CE&I) Training (Parts 1-9) on

May 9, 2025

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Highway Safety Manual Workshop

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Bruce J. Richards

has satisfactorily completed training in

National Environmental Policy Act (NEPA)
And Transportation Decision Making
conducted by

National Highway Institute

Location: Baton Rouge, LA
Date: August 20-22, 2002
Hours of instruction: 18
Continuing Education Units: 1.8

Instructor
Director, National Highway Institute
Federal Highway Administration
Coordinator
Director, Office of Professional Development
Federal Highway Administration

U.S. Department Of Transportation
Federal Highway Administration

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
Date: August 31 - September 2, 2004
Hours of instruction: 18

Instructor
Director, National Highway Institute
Federal Highway Administration
Coordinator
Director, Office of Professional Development
Federal Highway Administration

U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Alison Michel

has participated in

NHI Course No. 142005 -
NEPA and Transportation Decision Making

hosted by

LA DOTD/LTRC

Date: May 28-30, 2014
Location: Baton Rouge, LA
Hours of Instruction: 18

Instructor
Instructor
Local Coordinator
Richard Barnaby, Director
National Highway Institute

Professional Transportation Planner

Transportation Professional Certification Board, Inc.

certifies that

Bruce J. Richards

has met all of the requirements established by the Certification Board
to use the title of

Professional Transportation Planner

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 648 issued in Washington, DC, USA

3/18/18

Michael K. Park
Chair

PTP
PROFESSIONAL TRANSPORTATION PLANNER

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Alison Marie Catarella Michel

has met all of the requirements established by the Certification Board
to use the title of

Professional Transportation Planner

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 626 issued in Washington, DC, USA

11/20/17

Michael K. Park
Chair

PTP
PROFESSIONAL TRANSPORTATION PLANNER

Jeffrey F. Paniati
Executive Director

Professional Traffic Operations Engineer

The Transportation Professional Certification Board

Certifies that

Ms. Alison Catarella Michel, PE,PTOE,PTP,RSP2I

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 11/6/2002

Certification Valid Through: 11/6/2026

Steve Kuciemba,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 1023

The Transportation Professional Certification Board

Certifies that

Mrs. Nicole H. Stewart, P.E., PTOE

successfully renewed the Professional Traffic Operations Engineer® certification

Original Certification Date: 8/14/2012

Certification Valid Through: 8/14/2027

Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 2923

The Transportation Professional Certification Board

Certifies that

Mr. Matthew Hansen Morgan, P.E., PTOE

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 3/19/2025

Certification Valid Through: 3/19/2028

Steve Kuciemba,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 5893

Road Safety Professional

Transportation Professional Certification Board, Inc.

certifies that

Alison Catarella Michel

has met all of the requirements established by the Certification Board to use the title of

Road Safety Professional Infrastructure

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 148 issued in Washington, DC, USA

8/20/23

Joseph C. Balskus
Chair

RSP2 ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Executive Director

TPCB

The Transportation Professional Certification Board

Certifies that

Ms. Alison Catarella Michel, PE,PTOE,PTP,RSP2I

successfully renewed the Road Safety Professional Infrastructure® (Level 2) certification

Original Certification Date: 3/20/2023

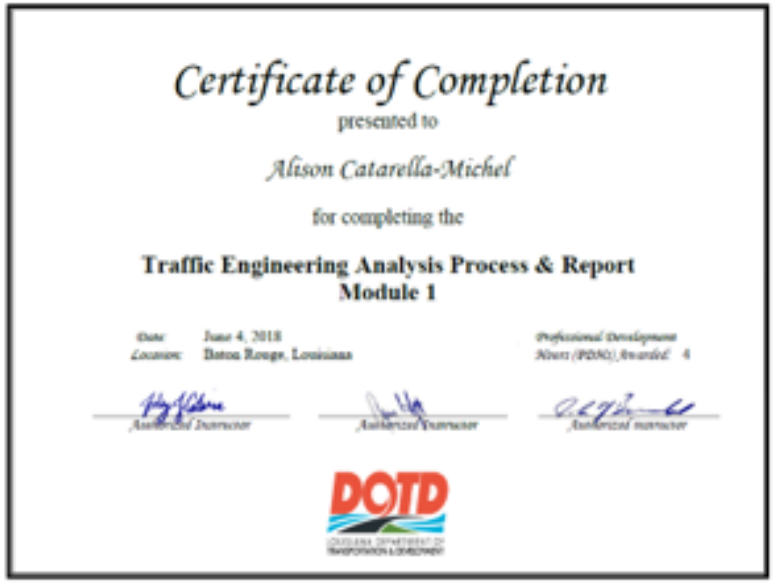
Certification Valid Through: 3/20/2026

Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 148

Traffic Engineering Process and Report Course offered by LTRC



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

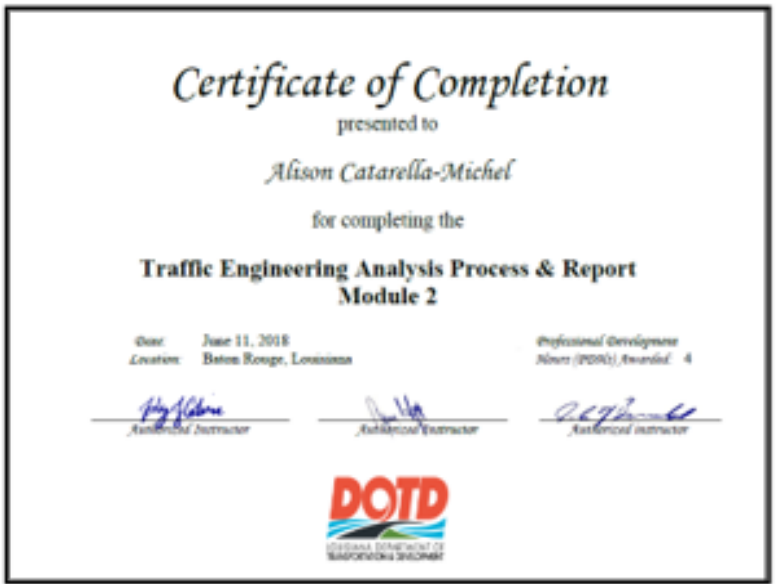
Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 4

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 4

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

Traffic Engineering Analysis Process & Report
Module 3

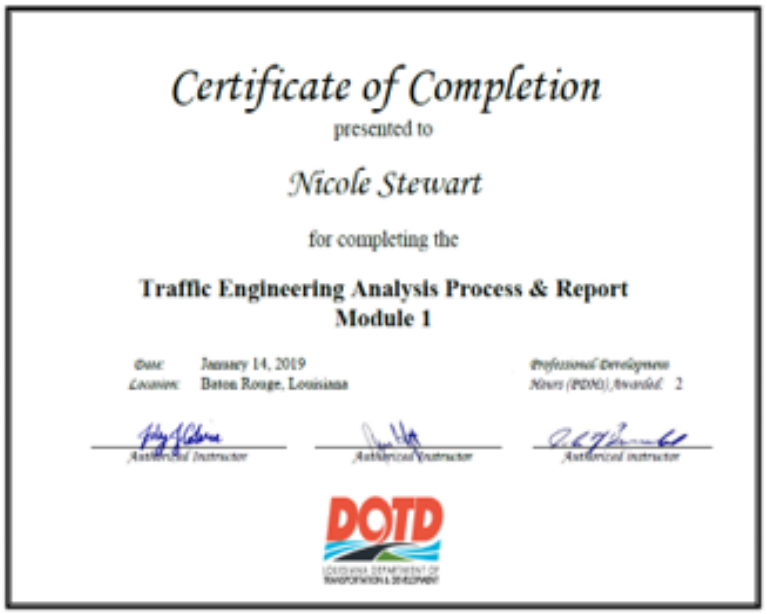
Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Traffic Engineering Process and Report Course offered by LTRC



Certificate of Completion

presented to

Nicole Stewart

for completing the

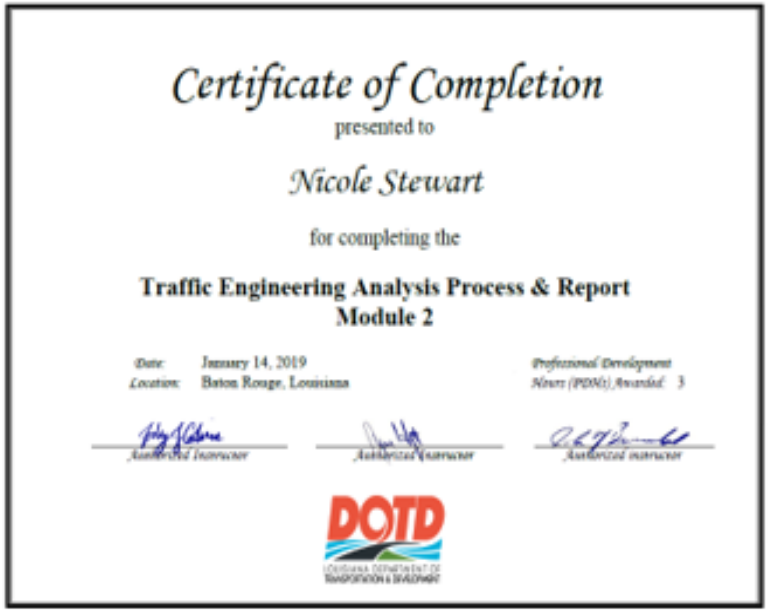
Traffic Engineering Analysis Process & Report
Module 1

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD



Certificate of Completion

presented to

Nicole Stewart

for completing the

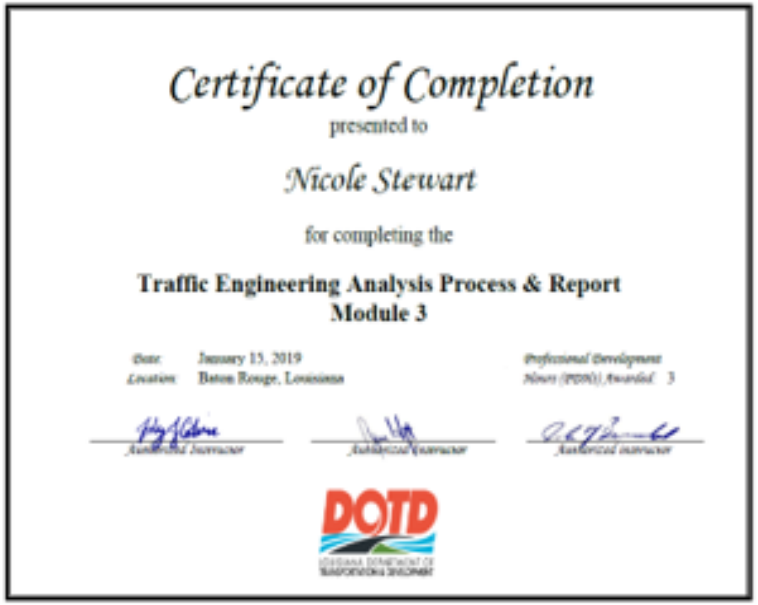
Traffic Engineering Analysis Process & Report
Module 2

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report
Module 3

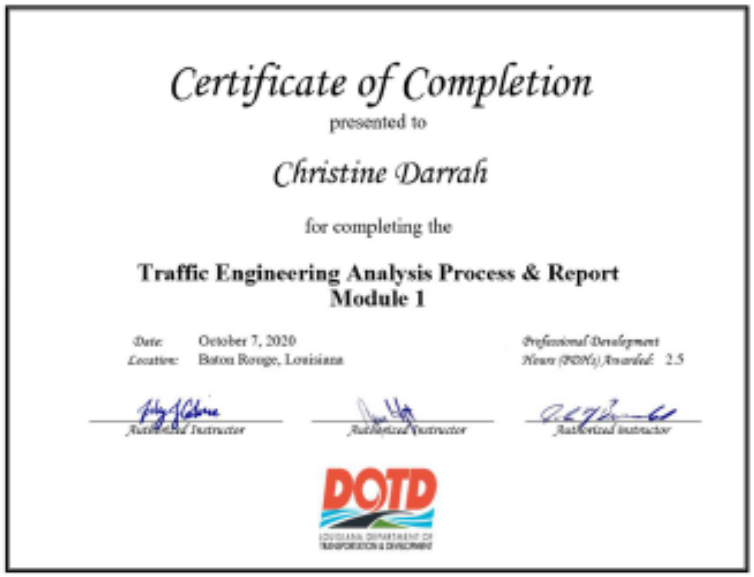
Date: January 15, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Traffic Engineering Process and Report Course offered by LTRC



Certificate of Completion

presented to

Christine Darrah

for completing the

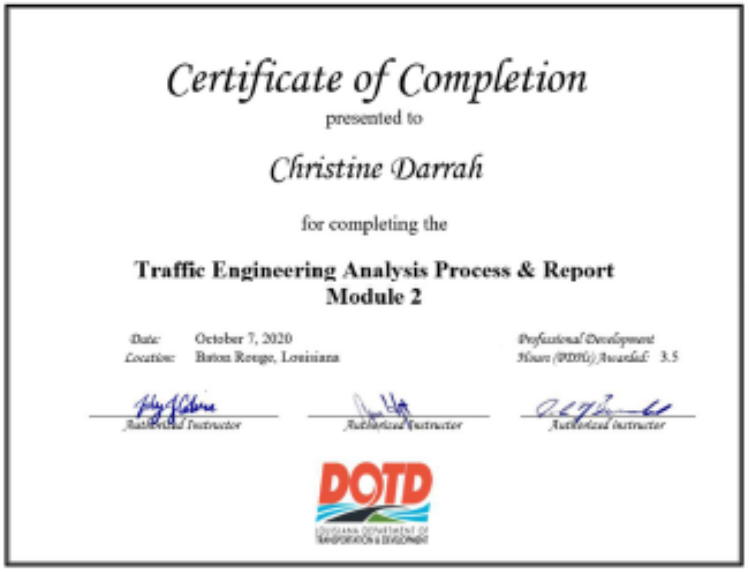
Traffic Engineering Analysis Process & Report
Module 1

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 2.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD



Certificate of Completion

presented to

Christine Darrah

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 3.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Christine Darrah

for completing the

Traffic Engineering Analysis Process & Report
Module 3

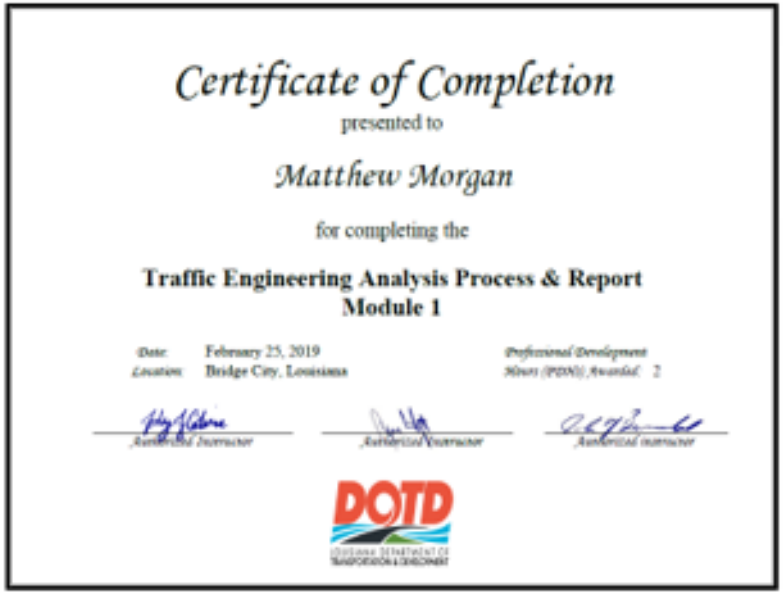
Date: October 8, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 3.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Traffic Engineering Process and Report Course offered by LTRC



Certificate of Completion

presented to

Matthew Morgan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development Hours (PDH) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Matthew Morgan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development Hours (PDH) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Matthew Morgan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: February 26, 2019
Location: Bridge City, Louisiana

Professional Development Hours (PDH) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Firm Professional Engineering and Land Surveying Licenses

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

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

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000585	Active	09/26/1984	09/30/2027	Mr. Frank Nicoladis # PE.0005924 ; Mr. Constantine Frank Nicoladis # PE.0027095 ; Mr. James E. Simmons # PE.0019891

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	09/30/2026	Mrs. Karla Ewing Weston # PE.0031010

Firm Professional Engineering and Land Surveying Licenses

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	09/30/2026	Mr. Christopher Lyle Ballard # PLS.0005033

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	03/31/2027	Mr. Sergio L. Aviles # PE.0033571

Firm Professional Engineering and Land Surveying Licenses

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

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

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001342	Active	09/22/1986	03/31/2027	Ms. Alison Marie Catarella Michel # PE.0030261

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Name	Type	City	Status
N-Y ASSOCIATES, INC.	Business Corporation	METAIRIE	Active

Previous Names

N Y ASSOCIATES, INC. (Changed: 10/10/2007)

N Y ENGINEERING COMPANY, INC. (Changed: 4/22/1970)

Business: N-Y ASSOCIATES, INC.
Charter Number: 28626840D
Registration Date: 6/24/1969

Domicile Address

2750 LAKE VILLA DRIVE
METAIRIE, LA 70002

Mailing Address

C/O MICHAEL F. NICOLADIS
2750 LAKE VILLA DR.
METAIRIE, LA 70002

Principal Office Address

2750 LAKE VILLA DRIVE
METAIRIE, LA 70002

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 6/24/1969
Last Report Filed: 6/6/2024
Type: Business Corporation

Registered Agent(s)

Agent: MICHAEL F. NICOLADIS
Address 1: 2750 LAKE VILLA DR.
City, State, Zip: METAIRIE, LA 70002
Appointment Date: 5/28/2003

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Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Previous Names

Business: CIVIL DESIGN & CONSTRUCTION, INC.
Charter Number: 35961196D
Registration Date: 6/15/2005

Domicile Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Mailing Address

P O BOX 857
PORT ALLEN, LA 70767

Principal Office Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 6/15/2005
Last Report Filed: 5/17/2024
Type: Business Corporation

Registered Agent(s)

Agent: KARLA E. WESTON
Address 1: 7951 FALSE RIVER ROAD
City, State, Zip: NEW ROADS, LA 70760
Appointment Date: 6/15/2005

Officer(s) Additional Officers: No

Officer: KARLA E. WESTON
Title: President
Address 1: 7951 FALSE RIVER ROAD
City, State, Zip: OSCAR, LA 70762

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Charter Name	Role
10/6/2006	10/6/2006	MERGE	35961196D	CIVIL DESIGN & CONSTRUCTION, INC.	SURVIVOR
			34220123D	PAE, INC.	NON-SURVIVOR

Amendments on File (3)

Description	Date
Disclosure of Ownership	9/7/2006
Domicile, Agent Change or Resign of Agent	9/11/2006
Merger	10/6/2006

Louisiana Secretary of State

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Name	Type	City	Status
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: APS ENGINEERING AND TESTING, LLC
Charter Number: 40911984K
Registration Date: 8/9/2012

Domicile Address

1645 NICHOLSON DR
BATON ROUGE, LA 70802

Mailing Address

5261 HIGHLAND RD. #320
BATON ROUGE, LA 70808

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 8/9/2012
Last Report Filed: 7/16/2024
Type: Limited Liability Company

Registered Agent(s)

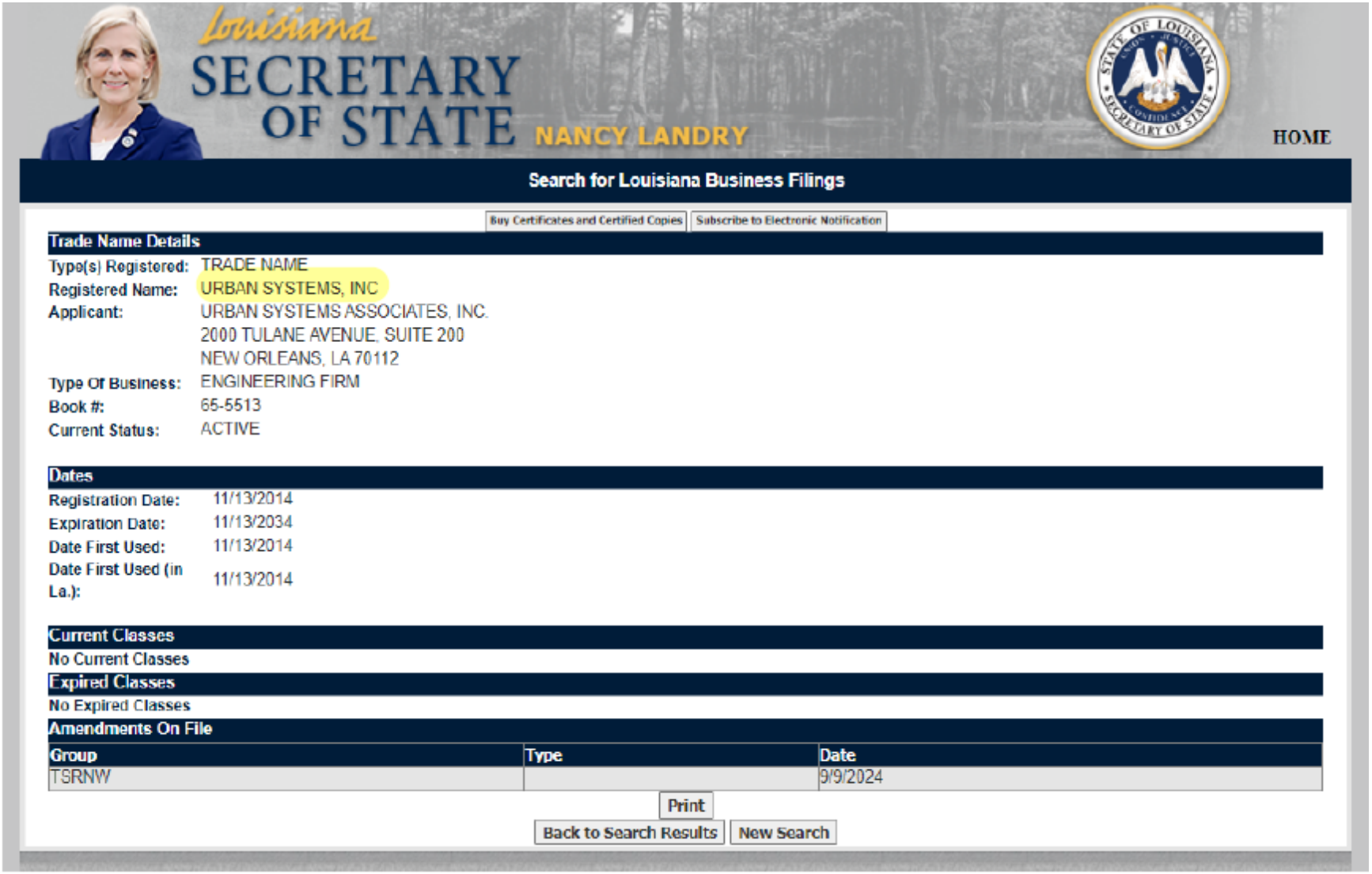
Agent: SERGIO AVILES
Address 1: 5261 HIGHLAND RD. #320
City, State, Zip: BATON ROUGE, LA 70808
Appointment Date: 6/25/2018

Officer(s) — Additional Officers: No

Officer: SERGIO AVILES
Title: Member
Address 1: 5261 HIGHLAND RD. #320
City, State, Zip: BATON ROUGE, LA 70808

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Charter Name	Role
3/25/2022	3/25/2022	MERGE	40911984K	APS ENGINEERING AND TESTING, LLC	SURVIVOR
			37100062K	APS DESIGN AND TESTING, L.L.C.	NON-SURVIVOR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Trade Name Details
Type(s) Registered: TRADE NAME
Registered Name: URBAN SYSTEMS, INC
Applicant: URBAN SYSTEMS ASSOCIATES, INC.
2000 TULANE AVENUE, SUITE 200
NEW ORLEANS, LA 70112
Type Of Business: ENGINEERING FIRM
Book #: 65-5513
Current Status: ACTIVE
Dates
Registration Date: 11/13/2014
Expiration Date: 11/13/2034
Date First Used: 11/13/2014
Date First Used (in La.): 11/13/2014
Current Classes
No Current Classes
Expired Classes
No Expired Classes
Amendments On File
Group Type Date
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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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 2025 to March 2026

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

RTA

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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 2024 to October 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

RTA a

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Urban System Associates, Inc.

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

NC541330, NC541340, NC541990

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

Certificate Eligibility: February 2025 to February 2026

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

21. **QA/QC Plan:** If the advertisement requires submission of a QA/QC plan, include it 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 **exactly** as registered with Louisiana's Secretary of State (SOS): including punctuation, **include screenshot(s) from SOS at the end of Section 20**)	**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
Urban Systems, Inc	2000 Tulane Avenue Suite 200 New Orleans, LA 70112	Alison Catarella Michel, PE PTOE acmichel@urbansystems.com	(504) 569-3958

23. **Location:** If location is an evaluation criterion for this advertisement (see page 2) 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 Evaluation Criteria section of the advertisement.**

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