PROPOSAL FOR ENGINERING AND RELATED SERVICES

IDIQ CONTRACT FOR DESIGN SERVICES (FULL SIZE PLANS) STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 62

Contract No. 400031651

March 27, 2025

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

Submitted by:
N-Y Associates, Inc.

Median Improvements and Turn Lanes: Tyler Drive in Slidell, LA.

SECTIONS

1-11

WHO WE ARE

N-Y is a Louisiana firm with over 50 years of LADOTD experience.

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

DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

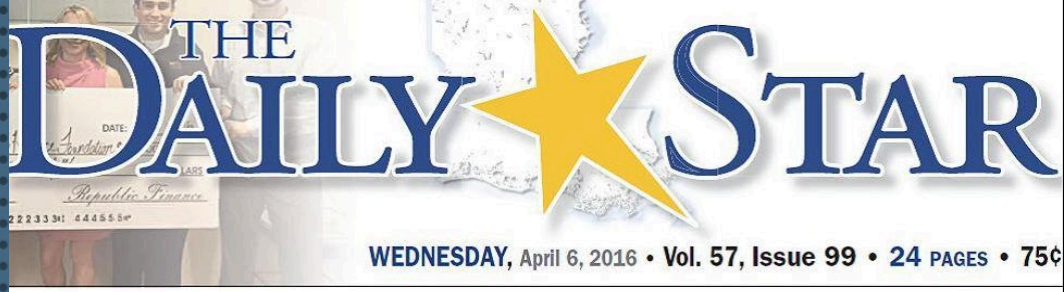
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, 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 (Full Size Plans) Statewide with Majority of Work in District 62***
2. Contract Number(s) as shown in the advertisement	***4400031651***
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: ***March 27, 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)' %:*** ***APS Engineering and Testing, LLC*** — ***2.5%*** ***Civil Design & Construction, Inc.*** — ***10%*** ***Urban Systems, Inc*** — ***2.5%***

SECTIONS

12-16



Engineers study road options

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

BY JACOB RESTER

Photos by Jacob Rester

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

WE HAVE AN OUTSTANDING TEAM

N-Y and the members of our team have successfully completed many LADOTD projects over multiple decades.

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.

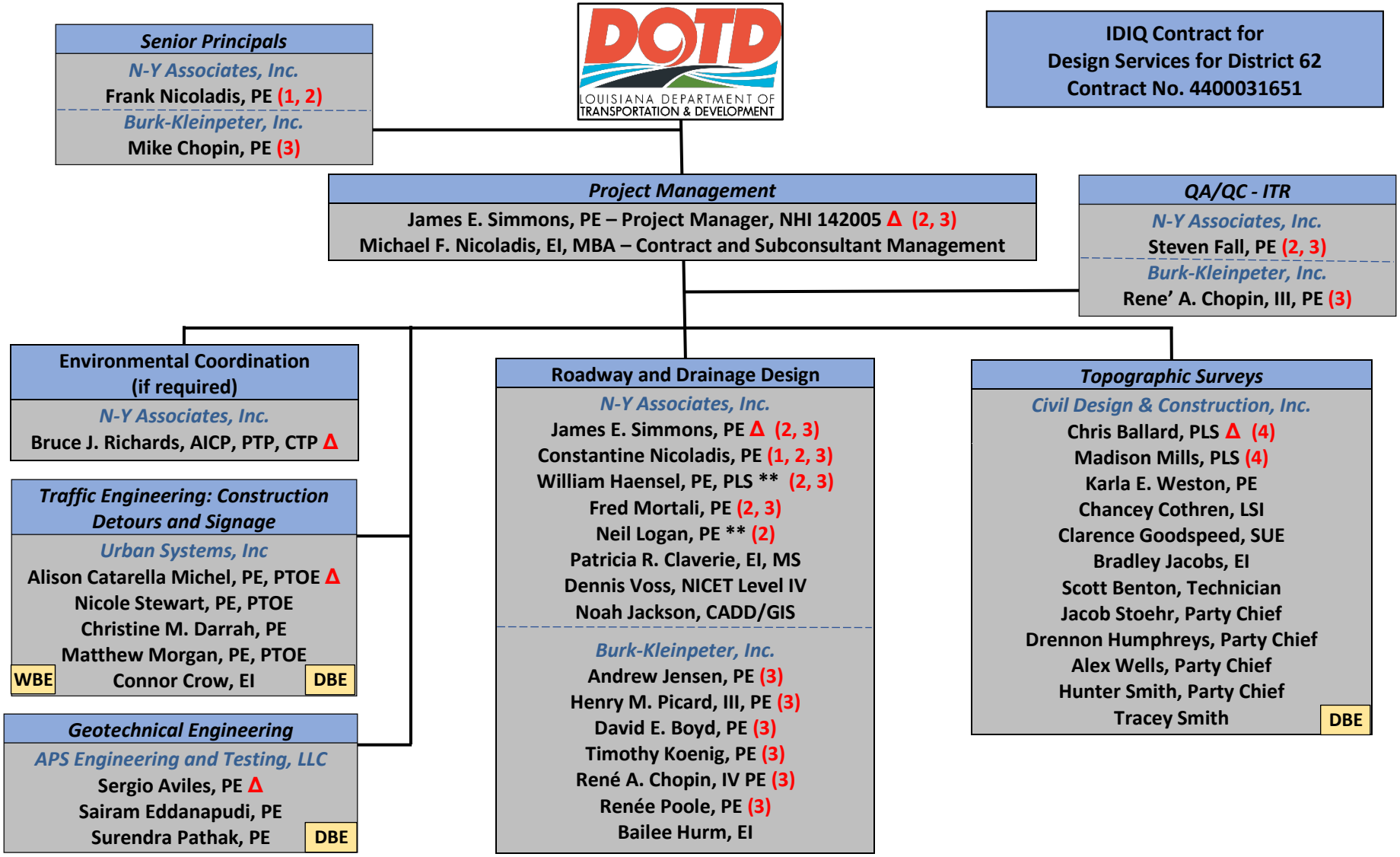
    The only disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	N-Y Associates, Inc. (Prime)	Burk-Kleinpeter, Inc.	Civil Design & Construction, Inc.	APS Engineering and Testing, LLC	Urban Systems, Inc	Each Discipline must total to 100%
Road	*85%*	*60%*	*40%*				**100%**
Survey	*10%*			*100%*			**100%**
Geotech	*2.5%*				*100%*		**100%**
Traffic	*2.5%*					*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%***	*51%*	*34%*	*10%*	*2.5%*	*2.5%*	

13. **Firm Size:** For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (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	1	2
	Engineer	4	7
	Engineer Intern	1	1
	Accountant	1	1
	Technician	1	1
	CADD Technician	2	2
BKI	Principal	1	1
	Supervisor - Eng	2	2
	Engineer	5	11
	Engineer Intern	1	1
	Designer	0	1
	Engineering-Aide	0	1
	CADD Technician	2	3
C & C INCORPORATED	Surveyor	2	2
	Party Chief	3	4
	Instrument-Man	2	2
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	3	5
	Other (SUE Supervisor)	1	1
APS Engineering and Testing	Engineer	4	4
	Engineer Intern	1	1
	Engineering-Aide	1	1
	Inspector	5	5
	Driller	10	10
	Technician	12	12
	Clerical	2	2
URBAN SYSTEMS inc. USI	Supervisor - Eng	1	2
	Engineer	2	3
	Engineer Intern	1	2
	CADD Technician	2	2

14. **Organizational Chart:** Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20. It is acceptable to use an 11x17 format for Section 14.**



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

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

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	▪ Frank Nicoladis, PE ▪ Constantine Nicoladis, PE	▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc.	▪ PE No. 5924 – Civil ▪ PE No. 27095 – Civil	▪ LA ▪ LA	▪ 03/31/2027 ▪ 09/30/2025
2	▪ James Simmons, PE * ; ** ▪ Frank Nicoladis, PE ▪ Constantine Nicoladis, PE ▪ William Haensel, PE ▪ Fred Mortali, PE ▪ Steven Fall, PE ▪ Neil Logan, PE	▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc.	▪ PE No. 19891 – Civil ▪ PE No. 5924 – Civil ▪ PE No. 27095 – Civil ▪ PE No. 13375 – Civil ▪ PE No. 35111 – Civil ▪ PE No. 23634 – Civil ▪ PE No. 14607 – Civil	▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA	▪ 09/30/2025 ▪ 03/31/2027 ▪ 09/30/2025 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2027
3	▪ James Simmons, PE * ; ** ▪ Constantine Nicoladis, PE ▪ William Haensel, PE ▪ Fred Mortali, PE ▪ Steven Fall, PE ▪ Mike Chopin, PE ▪ René A. Chopin, IV PE ▪ Andrew Jensen, PE ▪ Henry M. Picard, III, PE, PLS ▪ David E. Boyd, PE ▪ Timothy Koenig, PE ▪ René A. Chopin, IV PE ▪ Renée Poole, PE	▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ N-Y Associates, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc. ▪ Burk-Kleinpeter, Inc.	▪ PE No. 19891 – Civil ▪ PE No. 27095 – Civil ▪ PE No. 13375 – Civil ▪ PE No. 35111 – Civil ▪ PE No. 23634 – Civil ▪ PE No. 26797 – Civil ▪ PE No. 25174 – Civil ▪ PE No. 43382 – Civil ▪ PE No. 22289 – Civil ▪ PE No. 35510 – Civil ▪ PE No. 35079 – Civil ▪ PE No. 42349 – Civil ▪ PE No. 47869 – Civil	▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA ▪ LA	▪ 09/30/2025 ▪ 09/30/2025 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 03/31/2026 ▪ 09/30/2026 ▪ 09/30/2025 ▪ 09/30/2025 ▪ 03/21/2027 ▪ 09/30/2026 ▪ 03/31/2026 ▪ 09/30/2026 ▪ 09/30/2025
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.

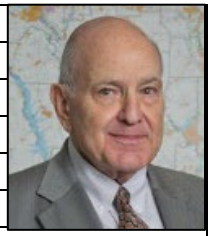
** Completed the NHI course No. 142005, "National Environmental Policy Act and Transportation Decision Making."

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/09-30-2025**		
Year registered	**1982**	Discipline	**Civil Engineering; NHI 142005**	
Contract role(s) / brief description of responsibilities		**Project Manager / Bridge and Roadway 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.***
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.
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.
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 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05. 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.**

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 is assessing the steel superstructure and steel pile bents and preparing two alternatives for a new deck and repairs for a HS-20 design load necessary for future levee lifts. N-Y will then prepare design plans and specifications.
08/11 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA:** Environmental Assessment, Topographic Survey and Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. **All work is being done to LADOTD standards.**
08/16 – 02/20	**Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.
06/01 – 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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01/22 – 12/25 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.
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.**
08/11 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA:** Environmental Assessment, Topographic Survey and Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. **All work is being done to LADOTD standards.**

08/16 – 02/20	**Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.
06/01 – 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. The project also included the relocation of a sewer lift station and widening, lengthening, and raising **a three-span, prestressed, precast concrete girder bridge**. *Phase II* consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete.
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.
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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/09-30-2025**		
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.***
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.
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.
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 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.
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.**
08/11 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA:** Environmental Assessment, Topographic Survey and Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. **All work is being done to LADOTD standards.**

08/16 – 02/20	**Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.
06/01 – 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 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.
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway Bridges and Bypass Road; East Baton Rouge Parish, LA:** Design for new northbound and southbound bridges for the US Highway 61 crossing. The northbound and southbound bridges each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30-foot scour requirement. This project also includes design for 1.2 miles of US 61 bypass road and drainage and the relocation of a 2700 LF segment of Barnett Road. **All work was performed to LADOTD standards and was reviewed by the LADOTD.**
07/20 – N/A On Hold	**New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA:** Design of a new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels. **All work is being done to LADOTD standards.**
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	**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/09-30-2025**		
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.
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.
06/13 – 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		**Bridge and Roadway 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.***
01/22 – 12/25 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05. 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.***
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.
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.
06/18 – 12/22	**Comite River Diversion Project – US 61 Bypass Road and Barnett Road Relocation; East Baton Rouge Parish, LA:** Design for 1.2 miles of US 61 bypass road and drainage and the relocation of a 2700 LF segment of Barnett Road. All work is being performed to **LADOTD standards** and is being reviewed by the LADOTD.
01/18 – 12/25 est.	**LA Highway 23 (Happy Jack to N. Port Sulphur) Roadway and Drainage Improvements; Plaquemines Parish, LA:** Design for the reconstruction of the existing two-lane roadway to a new four-lane divided roadway with subsurface drainage and utility relocations. All work is being done to **LADOTD standards**.
06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound and westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**
01/10 – 12/18	**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Mr. Mortali was the Program Manager for the Design and Construction Management of $83 million of FEMA funded concrete and asphalt street improvements. Mr. Mortali was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors. Scope of work included providing the Parish with the necessary documentation for FEMA's Project Worksheets (PWs) – including periodic updates and re-versioning to ensure proper cost reimbursements.
06/14 – 12/16	**Veterans Administration Medical Center (VAMC) and University Medical Center (UMC) Infrastructure Improvements:** Roadway pavement complete with curbs; base; subsurface utilities, including but not limited to, drainage, water, and sanitary sewer installation; and, adjustments as required at driveways, intersecting streets, and project termini.
06/14 – 06/16	**North Galvez Street from Tennessee St. to Delery St.; New Orleans, LA:** The complete reconstruction of the street pavement including concrete pavement and curb, crushed stone base course, sidewalks, driveways, handicapped ramps; and replacement of subsurface utilities. Also included is CIPP Lining of 2,550 LF of 8" sewer mains and 2,000 LF of 6" sewer house connections.
2016	**St. Roch Neighborhood Infrastructure Improvements; New Orleans, LA:** FEMA funded roadway pavement including curbs, base, ADA ramps, sidewalks and driveways. The project included design for full or partial repairs to approx. 90,000 LF of streets with either asphalt or concrete pavement.
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.***
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.
06/18 – 12/22	**Comite River Diversion Project – US 61 Highway Bridges; East Baton Rouge Parish, LA:** Design for new north bound and south bound bridges for the US 61 Highway crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30 foot scour requirement. All work is being performed to **LADOTD standards** and is being reviewed by the LADOTD.
03/20 – 10/23	**Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA:** The realignment of approx. 1 mile of Carney Road which includes a new 270 LF, 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new bridge will have 11' travel lanes and 8' shoulders/bicycle lanes to match the roadway width and meet East Baton Rouge's Complete Streets requirement.
02/21 – 12/25 est.	**Five (5) New "Waskey-type" Bridges associated with the West Shore Lake Pontchartrain Flood Protection System, WSLP-114; St. Charles and St. John the Baptist Parishes, LA:** Design of five (5) new "Waskey-type" access bridges ranging in length from 60 feet to 160 feet using precast deck panels, precast pile bent caps, and precast barrier rails supported on precast concrete piles. The bridges vary in width: 24 foot, 16 foot and 12 foot clear width, gutter to gutter. The bridges are being designed for an AASHTO HS20 truck load (HL-93 loading).
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/03-31-2025**			
Year registered	**1974**	Discipline	**Civil Engineer**		
Contract role(s) / brief description of responsibilities		**Bridge and Roadway 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	**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 – 06/25	**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 – 06/25	**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 – 06/25	**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 – 06/25	**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.
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.
07/06 – 01/08	**Concord Road, Beaumont, TX:** Design of the reconstruction of 5 miles of roadway from 2-lanes to 4-lanes. This project also included improving the drainage for the adjacent residential areas. Ms. Claverie was responsible for completing the hydrologic studies, hydraulic design, traffic control plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, bridge layouts, ROW plans and plan-profile sheets.

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.***
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.
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.
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 est.	**Replacement of Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing use of LADOTD HYDRWIN software as well as the USACE HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.
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.**
08/16 – 02/20	**Improvements to France Road, from Hayne Boulevard to US 90/Chef Menteur Highway for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.
06/13 – 12/23	**Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA:** A Hydraulic Study and Preliminary & Final Design of the double barrel, 3000 CFS, 300 LF box culvert which will replace the existing bridges crossing the Duncan Canal. The project also includes the reconstruction of approx. 700 LF of eastbound & westbound W. Esplanade Avenue. **This project was designed using LADOTD standards.**

06/01 – 05/08	**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expy); Jefferson Parish, LA:** *Phase I* consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. *Phase II* consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.
06/02 – 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.
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 est.	**Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing 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; East Baton Rouge Parish, LA:** Design for new north bound and south bound bridges for the US Highway 61 crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30-foot scour requirement. All work is being performed to **LADOTD standards** and is being reviewed by the LADOTD.
11/19 – 12/25 est.	**Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA:** A new alignment of approx. 1 mile of Carney Road and a new 3-span bridge crossing Bayou Baton Rouge using LADTOD LG girders. The new roadway and bridge will both include two, 11' travel lanes and 8' shoulders/bicycle lanes meeting East Baton Rouge's Complete Streets requirements.
02/21 – 12/25 est.	**Five (5) New "Waskey-type" Bridges associated with the West Shore Lake Pontchartrain Flood Protection System, WSLP-114; St. Charles and St. John the Baptist Parishes, LA:** Design of five (5) new "Waskey-type" access bridges ranging in length from 60 feet to 160 feet using precast deck panels, precast pile bent caps, and precast barrier rails supported on precast concrete piles. The bridges vary in width: 24-foot, 16-foot and 12-foot clear width, gutter to gutter. The bridges are being designed for an AASHTO HS20 truck load (HL-93 loading).
06/20 – 06/25	**WSLP-109, Westshore Lake Pontchartrain Levees and Floodwalls; St. 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	**Burk-Kleinpeter, Inc.**			
Name	**Michael D. Chopin, PE**	Years of relevant experience with this employer	**34**	
Title	**President**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**Bachelor of Science/1991/Civil Engineering**		
Active registration number / state / expiration date		**26797/LA/09-30-2026**		
Year registered	**1996** Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities		**Principal / Project Oversight including Quality Assurance / 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. Chopin is a Principal and the President at BKI. He oversees personnel, including schedules, staff, budgets, technical review, and account management. He has 28 years of professional engineering experience and has provided professional consulting focused on a wide range of public works projects. His relevant experience for this proposed contract includes design, preparation of preliminary and final roadway plans, and specifications in accordance with the LADOTD Road Design Manual, the LADOTD Hydraulic Design Manual, the AASHTO Policy on Geometric Design, and other publications required by the LADOTD. In addition to the roadway design, Mr. Chopin has extensive drainage design experience related to roadway drainage collection systems, watershed analysis, channel conveyance, and scour protection.
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Provided project quality control and quality assurance and guidance for the preparation of line and grade studies. Permitting, preliminary design, and final design. Project is for a new 3.5-mile roadway connecting US-90 and LA 1088, including a multi-use path and two roundabouts. In addition, two (2) 140-foot-long bridges each consisting of seven (7) cast-in-place slab spans on pile bents were required to cross Bayou Castine.
04/11 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Project Principal providing oversight and quality assurance for preliminary and final plans for a new interchange on Earhart Expressway (LA3139) at Causeway Blvd. (LA 3046). Project includes road design, bridge design, high mast and standard lighting poles and luminaires, existing girders, inspection, and bridge rating of existing structures. The interchange fits within a compact footprint with unique geometric challenges. It features seven new ramps which include at-grade roadways and bridge structures. Six of the eight movements were under free-flow conditions and two will function under a signal-controlled condition. The project improved connectivity between major regional employment centers in the Earhart Expressway and Causeway Boulevard corridors.
04/18 – 02/25	**Parish Rd 929 at Braud Rd Roundabout; Ascension Parish, LA:** Provided QA/QC for the design of a single lane roundabout at Parish Road 929 and Braud Road. The project is part of the MOVE ASCENSION program to improve traffic conditions across the parish. Although this was an Ascension Parish program, for consistency and convenience, LADOTD standards, references, manuals, and format requirements were used
07/07 – 08/26 (est.)	**Peters Road Bridge and Extension (H.008068, H.008069, 008244); Plaquemines and Jefferson Parishes, LA:** Project principal providing QA/QC and project oversight for a new fixed, high level bridge and approach roadways across the intracoastal waterway (AASHTO LRFD Design). Project also includes four miles of new approach roadways and reconfiguring the Peters Road/Engineers Road Interchange. In addition, provided extensive drainage review for the purposes of both satisfying Jefferson Parish's and LADOTD's design requirements relative to both the roadway's drainage collection system and the box culvert that is required to allow a portion of the roadway to be placed over the one of the Parish's major drainage canals.
06/23 – 01/24	**Upper Barataria Risk Reduction (UBRR) Project: Segment 4 & 5 Alternatives Hydraulic Study; Multiple Parishes, LA:** Project oversight for the hydraulic analyses and review of the levee alignment alternatives for rerouting Godchaux Canal around the future final levee footprint and 3 bridge alternatives with flood control structures. The hydraulic analyses were performed to determine proper sizing of flood control structures once segment 4 was constructed as well as the effects of runoff being trapped once the segment 5 levee is completed.
08/20 – 02/19	**4th Street Extension (H.001413); Gretna, LA:** Project Engineer/Manager for an Environmental Assessment (NEPA), line and grade study, preparation of plans and specifications for a new roadway extension. Project consisted of a new two lane, 1.5-mile-long, concrete roadway, sidewalks, ADA ramps, new drainage collection system and outfall, new railroad at grade crossing, street lighting, and landscaping. Specific role on the project included the drainage design and establishing the roadway horizontal and vertical geometry. Provided overall project management for the completion of the plans and specifications.
12/17 – Ongoing	**LA 466 / 5th Street Improvements; Gretna, LA:** As principal, provided QA/QC and general project oversight for streetscape improvements to the 5th Street corridor between Richard Street and Franklin Avenue. BKI prepared both preliminary and final plans in accordance with design criteria to be developed with input from LADOTD and the City of Gretna.

08/17 – 01/18 **09/00 – 05/01**	**Stumpf Boulevard Drainage Improvements - Stumpf Boulevard Right Turn Lane at Westbank Expressway; Gretna, LA:** Provided project oversight for the installation of a 72-inch drainage pipe in the Stumpf Boulevard Canal. The pipe would provide sufficient capacity to convey storm water while addressing bank erosion. Adjacent travel lanes along Stumpf Boulevard were replaced after the base failed and roadway surface settled or warped. Project Manager for construction of new right turn lane (approximately 350 feet long) on Stumpf Blvd. for vehicles turning onto the Westbank Expressway service road.
10/99 – 06/05	**I-10 Southern Railroad Underpass – Tulane Avenue Interchange (SP 450-90-0103); Orleans Parish, LA:** Lead Project Engineer for the design of a new 850 cubic foot per second drainage pumping station for the interchange. Project included modification to the existing subsurface drainage system and roadway to facilitate the pumping station. Specific design role on this project included the hydrologic and hydraulic analysis to size both the drainage pumping station and the subsurface drainage collection system in accordance with both LADOTD and Sewerage and Water Board of New Orleans requirements. In addition, prepared modifications to the roadway plans and specifications to reflect the new drainage system.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**René A. Chopin III, PE**	Years of relevant experience with this employer	**37**	
Title	**Civil Engineer / QA/QC ITR**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**Bachelor of Science/1988/Civil Engineering**		
Active registration number / state / expiration date		**25174/LA/09-30-2025**		
Year registered	**1993** Discipline	**Structural Engineering**		
Contract role(s) / brief description of responsibilities		**Civil Engineer / QA/QC ITR / 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. Chopin will provide project quality control and quality assurance and guidance for roadway designs and plans. He will be involved with establishing the design criteria, type, size, and location, design, and serve as the Engineer of Record for each bridge site. He has experience in preparing preliminary and final bridge plans in accordance with LADOTD BDEM, BDTMs and ASSHTO for cast-in-place slab span, and precast prestressed girder bridges supported on both pile bents, and column bent.
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA**: Oversight of the bridge TS&L studies for two stream crossing sites. EOR with oversight of final bridge plans, including checking design calculations and final QC of plans for a 140 feet long bridge consisting of seven (7) 20' cast-in-place slab spans on pile bents over Bayou Castine. In addition to the vehicular bridge provided oversight of the design and details for the pile bents supporting a pre-engineered pedestrian bridge.
08/20 – 07/26 (est.)	**Rural Bridges Replacement Initiative Phase I & II; Various Parishes, LA:** QA/QC and engineer of record for the LADOTD Rural Bridge Replacement Initiative including 67 bridges on the State Highway System and local roadways in Districts 03, 05, 07, 08, 58, 61, and 62. Work included removal of existing bridges and construction of new concrete bridges, new concrete pilings, new guard rails, replacement of roadway, installation of reinforced concrete boxes (where applicable), and widening of roadway embankment. The contract required special (non-standard) bridge design, in some cases, of cast-in-place slab span bridges with irregular deck geometry, including superstructure and substructure bridge elements. The contract also required the design of a precast LG girder bridge that would be built in split phase construction to maintain traffic. As the engineer of record, Mr. Chopin is responsible for supervising all design tasks to ensure accuracy and compliance with the LADOTD and federal design criteria. Mr. Chopin oversaw the entire team which included professionals performing road, bridge, hydraulics, survey, geotechnical, and environmental design tasks.
01/13 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Project Manager and EOR providing design oversight and mentoring of younger engineers for a new interchange between Earhart Expressway (LA3139) and Causeway Boulevard (LA 3046). The existing bridges widened for the interchange were inspected and rated per the Load Resistance Factor Rating (LRFR) and recommendations for correcting deficiencies for LADOTD's consideration. Prepared the framing plans for the new ramps consisting of AASHTO Type, II, Type III, and BT-72 girders along with curved three-span continuous steel plate girders. Designed and detailed five hammerhead column bents as examples for younger engineers. Checked the design calculations (LRFD) of the bridge decks, prestressed girders, curved steel plate girders, and rolled steel girders (for widening the Causeway bridges), cast-in-place slab spans (both straight and curved), column bents (both hammerhead and multi-column), and pile bents with curtain walls. Final QC of roadway and bridge plans for the entire interchange. Also provided oversight of all design waivers and exceptions required for the project, estimated quantities, cost estimates, and special provisions.
04/18 – 02/25	**Parish Rd 929 at Braud Road Roundabout; Ascension Parish, LA:** Provided QC review of design reports and roadway plans for a single lane roundabout at Parish Road 929 at Braud Road. Although this was an Ascension Parish program, for consistency and convenience, LADOTD standards, references, manuals, and format requirements were used.
10/09 – 08/26 (est.)	**Peters Road Bridge and Extension Peters Road Bridge and Extension (SPNs H.008068, H.008069, 008244); Plaquemines and Jefferson Parishes, LA:** Project Manager and EOR for a new State Route LA 1261 crossing the Intracoastal Waterway in Plaquemines Parish. The project includes four miles of roadway with various size box culverts crossing drainage canals, reconfiguring the Peters Road/Engineers Road Interchange, two new bridges over the Barataria Canal, 2,069 feet long four barrel 10'x10' box culvert in the Murphy Canal, and a new fixed, high-level bridge. The roadway and bridge were designed for building a two-lane facility, with right-of-way established for a future build-out to a four-lane facility. Mentored younger engineers, collaborating with them on deck design, slab span design, pile-bent and column bent substructure design. Designed and detailed two hammerhead column bents as design examples. Checked the design calculations (LRFD) of the bridge decks, prestressed girders (AASHTO Type III and BT-72), 3-span continuous steel plate girders (main span), cast-in-place slab spans (both straight and curved), column bents, and pile bents. A unique feature was bridge structure with three directional approach slabs, two parallel and

	one perpendicular to the Barataria Canal, due to the proximity of the roadway to top of bank of the canal. Final QC of roadway and bridge plans for the entire project. Also provided oversight of all design waivers and exceptions required for the project, estimated quantities, cost estimates, and special provisions. Project Manager for construction engineering support including shop drawings, submittal review, and answering RFIs, for Phase I of the project completed in 2014. Phase I was three miles of roadway from LA 23 to Barriere Canal Road with various size box culverts with both open and subsurface drainage.
12/13 – 09/19	**Multiple Bridge Replacements: Bob Pettit Road Bridge and Claycut Road Bridge; Baton Rouge, LA:** Structural QA/QC for the replacement of a bridge on Bob Pettit Road over Bayou Fountain and Claycut Road over Dawson Creek. The bridges, precast concrete slab span structures were each designed for at least two lanes of traffic with two six-foot sidewalks, The designs were completing in accordance with LRFD standards.
02/07 – 03/14	**I-10 Widening Veterans Blvd. – Clearview Pkwy; Metairie, LA:** Project Manager for roadway and bridge design for widening approximately 1.5 miles of urban interstate highway. Provided Quality Control of roadway and bridge plans during preliminary and final plans. Attended the monthly partnering meetings and supervised the shop drawing reviews and answered RFIs during construction.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**Andrew Jensen, PE**	Years of relevant experience with this employer	**10**	
Title	**Civil Engineer**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**Bachelor of Science/2014/Civil Engineering**		
Active registration number / state / expiration date		**43382/LA/09-30-2025**		
Year registered	**2019** Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities		**BKI Project Manager / 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). ***Since joining the BKI team in 2014, Mr. Jensen has performed civil engineering design services for full street reconstruction projects involving dozens of blocks with construction cost in the tens of millions of dollars. Pavement, drainage, water, and sewer utilities are replaced as part of these projects. He also has extensive experience working on LADOTD highway projects involving interchange design, roadway and bridge geometrics, roadway and bridge drainage design, and pedestrian accessibility. In addition to his bridge and roadway design, Mr. Jensen has served as Project Manager on several projects. As referenced below, he is managing two large rural bridge replacement design contracts for LADOTD. The two phases include a total of 67 bridge replacements over 25 construction projects some which are being constructed concurrently and has garnered positive feedback from DOTD as well as highlighted Mr. Jensen's project management capabilities. Mr. Jensen is proficient in AutoCAD, Civil 3D, AutoTurn, and InRoads software. In addition, he attended the Louisiana Traffic Control Supervisor Refresher training course for the American Traffic Safety Services Association in 2023.***
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Roadway design engineer assisting with conformity with LADOTD and AASHTO design criteria. Geometric design review for roundabouts, intersections, superelevation, and geometric details. Plan development included the preparation of typical sections, plan/ profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections; and the generation of existing and proposed surface models.
08/20 – 07/26 (est.)	**Rural Bridge Replacement Initiative Phase I & II; Various Parishes, LA:** Project Manager and roadway design engineer for the LADOTD Rural Bridge Replacement Initiative including 67 bridges on the State Highway System and local roadways in Districts 03, 05, 07, 08, 58, 61, and 62. Work included removal of existing bridges and construction of new concrete bridges, new concrete pilings, new guard rails, replacement of roadway, installation of reinforced concrete boxes (where applicable), and widening of roadway embankment. The contract required special (non-standard) bridge design, in some cases, of cast-in-place slab span bridges with irregular deck geometry, including superstructure and substructure bridge elements. The contract also required the design of a precast LG girder bridge that would be built in split phase construction to maintain traffic. As the Project Manager, he is responsible for managing all design tasks and task leaders to ensure project delivery in accordance with the scope and schedule. He represents BKI as the prime consultant in all relevant meetings with the LADOTD, subconsultants, and stakeholders. The contracts include 25 state project numbers that needed to be delivered as separate construction packages. He is responsible for each project as they all move through the development process. He practices a high level of communication and provides consistent updates as changes occur through the process. He provides effective management of all subconsultants to ensure all deliverables are compliant regardless of which subconsultant produces them. As the roadway design engineer, he is also responsible for all roadway design tasks. He develops the design criteria and design report in accordance with LADOTD guidance and the roadway design manual. He produces plan sheets including but not limited to, title sheets, typical sections and details, embankment widening details, summary tables, reference points & benchmark elevations, temporary erosion control, cross sections with earthwork calculations, geometric details, suggested sequence of construction, and plan profile sheets.
07/14 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Roadway design engineer for proposed interchange in Jefferson Parish. Responsible for roadway and bridge geometrics for the complex interchange in a dense urban environment. Prepared geometric layout, geometric control, curve data, typical sections, and plan profile sheets. Produced guard rail design, superelevation details, graphical grades, pavement marking layouts, design reports, waivers, and exceptions. Created hydraulic calculations for storm drainage system and design drainage maps. Encountered and resolved major challenges during the design of the drainage network caused by a high-water surface elevation in the outfall canal. Coordination with utility companies to mitigate conflicts with existing utilities.

04/18 – 02/25	**Parish Rd 929 at Braud Road Roundabout; Ascension Parish, LA:** He plays a pivotal role in successfully executing the project's road design and plan development. His expertise encompasses geometric design for a multilane roundabout, adhering to both LADOTD and federal guidelines. He is responsible for preparing comprehensive roadway construction plans, which include detailed typical section designs complete with splitter island and truck apron specifications, precise plan profiles, and geometric layout details. He also develops striping and signing layouts, suggests construction sequences, and creates temporary detour maps, ensuring seamless traffic flow throughout the project's duration. Additionally, he designs erosion control plans and oversees the integration of castin-place box culvert headwalls and cross sections. He is adept at preparing detailed quantity and cost estimates. He leads the engineering team to maintain project management excellence and schedule compliance, fosters strong client relationships, and guarantees that the project is delivered on time and to the highest standards.
05/22 – 08/26	**Peters Road Bridge and Extension - SPNs. H.008068, H.008069, 008244; Plaquemines and Jefferson Parishes, LA:** Roadway design engineer for a proposed fixed, high-level bridge across the Gulf Intercoastal Waterway with connecting roadways to Peters Road (LA 3017) in Jefferson Parish and LA Highway 23 in lower Belle Chasse, LA. Mr. Jensen is responsible for checking geometric data, guardrail design, intersection design, quantity calculations, cost estimating, and plan production. Performing super-elevation designs and worked with the bridge design team to make sure the geometric designs were correctly reflected in the structural designs and details for the project.
12/14 – 09/19	**Multiple Bridge Replacements: Bob Pettit Road Bridge and Claycut Road Bridge; Baton Rouge, LA:** Performed a quality control check of the bridge plans including the general bridge plans and structural details. The project was for the replacement of a bridge on Bob Pettit Road over Bayou Fountain.
05/22 – Ongoing	**New Orleans Rail Gateway Program / Jefferson Highway Rail Crossing Relocation Study; Jefferson and Orleans Parishes, LA:** Roadway design engineer for a Hazardous Materials Survey and Phase I ESA. Mr. Jensen was responsible for developing a line and grade design for two bridge overpass alternatives in a dense urban environment. A critical aspect of the project was to work within LADOTD design criteria and policies to provide the best possible design while still limiting the impact to the adjacent properties. He developed the roadway design criteria, design reports, typical sections, horizontal and vertical geometry, apparent and required right-of-way limits. He also worked closely with the planners and environmental professionals to analyze impacts to the adjacent businesses and then included impact mitigation into the design.
12/17 – 03/19	**Fourth Street Extension; Gretna, LA:** Provided civil engineering services as well as construction administration, and LADOTD coordination for the design and construction of a two-lane, minor arterial roadway (LA 18 / Fourth Street Extension) within the former Union Pacific Railroad right-of-way. The roadway section consisted of 12-foot lanes and subsurface drainage. The project also included an eight-foot wide multi-use pedestrian / bike path, associated decorative lighting, and landscaping.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**Henry M. Picard, III, PE, PLS**	Years of relevant experience with this employer	**35**	
Title	**Civil Engineer**	Years of relevant experience with other employer(s)	**9**	
Degree(s) / Years / Specialization		**Bachelor of Science/1981/Civil Engineering**		
Active registration number / state / expiration date		**22289/LA/03-31-2025**		
Year registered	**1986** Discipline	**Civil Engineering**		
Active registration number / state / expiration date		**4736/LA/03-31-2025**		
Year registered	**1994** Discipline	**Professional Surveyor**		
Contract role(s) / brief description of responsibilities		**Professional Engineer / Professional Land Surveyor / 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. Picard is a Senior Vice President at BKI with 39 years of professional engineering experience. He is in charge of project management, hydraulics, and traffic engineering, with responsibilities including schedules, staff, budgets, technical review and account management. He has provided professional consulting services as Project Manager or Project Engineer on numerous roadway, transportation, rail, drainage and flood control, and hydraulic engineering projects. Mr. Picard holds a Bachelor of Science in Civil Engineering; is a Registered Professional Engineer in Louisiana, and Alabama; and is a Registered Professional Land Surveyor in Louisiana. He is an active member of the American Society of Civil Engineers and the Society of American Military Engineers.
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Provided project management and engineering guidance for the preparation of line and grade studies, preliminary and final plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, construction sequence, and cross sections for 3.5 miles of roadway, a multi-use path, and two roundabouts.
08/20 – 07/26 (est.)	**Rural Bridge Replacement Initiative Phase I & II; Various Parishes, LA:** Principal provided QA/QC for the redesign, removal, and reconstruction of 33 bridges on the State Highway system over 16 concurrent contracts, including NEPA Compliance, surveys, real estate, hydraulic analysis (including bridge scour), and design of bridges and roadways. For phase II, Provided project quality control and quality assurance and guidance for the design and complete reconstruction for 34 bridge structures in the State Highway system for Districts 05,08, and 58.
07/14 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Hydraulic Engineer for the new interchange between Earhart Expressway and Causeway Boulevard in Jefferson Parish. Providing drainage design oversight and mentoring of younger engineers for roadway drainage.
04/18 – 02/25	**Parish Rd 929 at Braud Rd Roundabout; Ascension Parish, LA:** Project Principal provided QA/QC for upgrading the intersection from a four-way stop to a roundabout. The two-lane roundabout design included a dedicated left turn lane. The project also included drainage and lighting improvements, engineer's construction cost estimate, phasing and detour plan, coordination of utility relocations, and coordination of right-of-way acquisition.
07/14 – 07/24	**Peters Road Bridge and Extension Peters Road Bridge and Extension (SPNs H.008068, H.008069, 008244); Plaquemines and Jefferson Parishes, LA:** Performed hydraulic and drainage design for phase 1 of the project including culvert analysis and ditch grades. Provided QA/QC for phase II roadway drainage design on a new fixed, high level bridge and approach roadways across the Intracoastal Waterway. Coordinated with Jefferson Parish drainage for type, size, location, and construction sequencing of the box culvert to maintain flow in the Murphy Canal at all times during construction.
12/13 – 09/19	**Multiple Bridge Replacements: Bob Pettit Road Bridge and Claycut Road Bridge; Baton Rouge, LA:** Principal provided QA/QC for the replacement of a bridge on Bob Pettit Road over Bayou Fountain and Claycut Road over Dawson Creek. The bridges, precast concrete slab span structures each designed for at least two lanes of traffic with two six-foot sidewalks, were designed in accordance with LRFD. LADOTD standards, references, manuals, and format requirements were used for consistency and convenience.
12/09 – 12/11	**I-12 and US Highway 11 Interchange Improvements and Ramp Widening Project (SPN 018-04-0046 & 454-04-0078); St. Tammany Parish, LA:** Project manager and lead engineer for preparation of construction documents for improvements to the I-12 and US Highway 11 Interchange including topographic and property boundary surveys and right-of-way maps. Performed engineering for geometric design, horizontal and vertical alignment, drainage, paving, striping, signage plan, sequence of construction, quantity estimates and three signalized intersections. Performed design of signal Improvements involved the following: Developed construction drawings and specifications for traffic signal equipment layouts, controller timings, phasing, and cost estimates for the LADOTD.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**David E. Boyd, PE**	Years of relevant experience with this employer	**19**	
Title	**Civil Engineer**	Years of relevant experience with other employer(s)	**2**	
Degree(s) / Years / Specialization		**Bachelor of Science/2004/Civil Engineering**		
Active registration number / state / expiration date		**35510/LA/09-30-2026**		
Year registered	**2010** Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities		**Professional Engineer / 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. Boyd is Vice President of the Civil Engineering Division. He has 21 years of experience in roadway design and project management specializing in hydraulic design, project plans and specifications, design review and construction services. He has worked on numerous bridge and roadway projects for Cities, Parishes and LADOTD. Mr. Boyd is proficient in USACE HEC RAS hydraulic modeling software and ArcGIS. He has analyzed bridge scour and culvert design throughout the state of Louisiana. In addition. Mr. Boyd has completed design documents, construction administration and project management for multiple roadway projects.
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Civil Engineer provided project management and guidance as well as hydraulic engineering services for the preparation of line and grade studies. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections. The project included 3.5 miles of roadway, a multi-use path, and two roundabouts.
08/20 – 07/26 (est.)	**Rural Bridge Replacement Initiative Phase I & II; Various Parishes, LA:** Oversaw and provided QA/QC for the hydrologic-runoff calculations using LaDOTD's Hydraulic Software (Hydr2009) HYDR1110, HYDR1130 and HYDR2130. Oversaw and provided QA/QC for Hydraulic calculations using Hydraulic Engineering Center – River Analysis System (HECRAS). Maximum Water Surface Elevations for the 25, 50, 100 Year Events were determined to set the low chord of the bridges. HEC RAS was also used to compute the bridge scour for the pier configurations (types, sizes and quantities) of each bridge. This hydrologic and hydraulic data was used for the redesign, removal and reconstruction of 33 LaDOTD bridges. Bridges Included: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997, H.014242.5, H.014243.5, H.014245.5, H.014246, H.014247.5, H.4248.5, H.014249.5, H.0142450.5, H.014268.5.
07/14 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Hydraulic Engineer the new interchange between Earhart Expressway and Causeway Boulevard in Jefferson Parish. Providing drainage design oversight and mentoring of younger engineers for roadway drainage. BKI's services also included roadway lighting design.
04/18 – 02/25	**Parish Rd 929 at Braud Rd Roundabout; Ascension Parish, LA:** Project Manager for the design of a single lane roundabout at Parish Road 929 and Braud Road. The project is part of the MOVE ASCENSION program to improve traffic conditions across the parish. Although this was an Ascension Parish program, for consistency and convenience, LADOTD standards, references, manuals, and format requirements were used.
10/09 – 08/26 (est.)	**Peters Road Bridge and Extension Peters Road Bridge and Extension (SPNs H.008068, H.008069, 008244); Plaquemines and Jefferson Parishes, LA:** Civil – Hydraulic Engineer responsible for determining the hydraulics for the construction High Level Bridge over the Intercoastal Canal in Belle Chasse, Louisiana. Bridge pier and bent configurations were determined by performing bridge scour computations in the United Starts Army Corps of Engineers (USACE) HEC RAS-Unsteady State hydraulic model titled East of Harvey Canal (EOH) SELA Flood Control Projects.
12/13 – Ongoing	**Multiple Bridge Replacements: Bob Pettit Road Bridge and Claycut Road Bridge; Baton Rouge, LA:** Calculated bridge scour using HEC-HMS and HEC-RAS software for the replacement of a bridge on Bob Pettit Road over Bayou Fountain and Claycut Road over Dawson Creek. These were concrete slab spans on pile bents (LRFD). The bridges were not to interfere with current hydraulics of the canal.
12/17 – Ongoing	**LA 466 / 5th Street Improvements; Gretna, LA:** Civil Engineer provided project management and design for drainage, roadway, and streetscape improvements to the 5th Street corridor between Richard Street and Franklin Avenue.
08/17 – 01/18	**Stumpf Boulevard Drainage Improvements; Gretna, LA:** City Engineer / City of Gretna liaison for the installation of a 72-inch drainage pipe in the Stumpf Boulevard Canal. The pipe would provide sufficient capacity to convey storm water while addressing bank erosion. Adjacent travel lanes along Stumpf Boulevard were replaced after the base failed and roadway surface settled or warped.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**Timothy Koenig, PE**	Years of relevant experience with this employer	**21**	
Title	**Civil Engineer**	Years of relevant experience with other employer(s)	**2**	
Degree(s) / Years / Specialization		**Bachelor of Science/2004/Civil Engineering** **Bachelor of Science/1998/Microbiology**		
Active registration number / state / expiration date		**35079/LA/03-31-2026**		
Year registered	**2009**	Discipline	**Civil Engineering**	
Contract role(s) / brief description of responsibilities		**Professional Engineer / 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). ***Associate Civil Engineer having joined BKI in 2004 after receiving his Bachelor of Science degree in Civil Engineering. Mr. Koenig has 21 years of experience in civil design, project management and construction administration including roadway design, drainage design, site development, pedestrian facilities design, rail design, port infrastructure design, coordination of right of way acquisition, and permitting for public and private clients throughout the Gulf South region. In addition, he received his ATSSA Traffic Control Supervisor Refresher - LA training in 2023.***
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Prepared line and grade study, preliminary and final plans for 3.5 miles of new two lane roadway connecting LA 1088 and US 190 in St. Tammany Parish. Included design and preparation of typical sections, plan and profile sheets, geometric layout, drainage design, sequence of construction and cross sections. Also coordinated with utility companies and right of way acquisition. Project included 3.5 miles of roadway, a 10' wide multi-use path, and the design of a roundabout intersection at US 190.
04/18 – 02/25	**Parish Rd 929 at Braud Rd Roundabout; Ascension Parish, LA:** Prepared preliminary and final plans for upgrading intersection for 4-way stop to roundabout. The two-lane roundabout design included a dedicated left turn lane. The project required drainage improvements, phasing and detour plans, coordination of utility relocations, and coordination of right-of-way acquisition.
05/15 – 12/19	**Wardline Road Drainage Improvements; St. Tammany Parish LA:** Provided design and plan preparation services for drainage improvements that aimed to reduce or eliminate flooding in the Wardline Road area from a moderate (10-year frequency) rainfall event. Tasks included a hydraulic and hydrologic study, road design, storm drainage improvements design, and construction administration services.
01/13 – 02/14	**Mt. Airy/Garyville Road Relocations; St. John the Baptist Parish, LA:** Designed improvements to and closure of multiple rail crossings in the Mt. Airy/Garyville area. Produced final plan set that included typical sections, quantity table, plan and profile sheets, cross sections, and drainage improvements. Also prepared project specifications and a project cost estimate. BKI provided preliminary plans, final plans, specification preparation, bidding assistance, construction administration, engineering during construction, and periodic site visits. The project also includes the preparation of Coastal Use and Department of the Army Permits.
05/18 – 08/18	**NOPB Railroad and Norfolk Southern Diamond Connection, France Road; New Orleans, LA:** Prepared conceptual design of multiple alternative alignment connections of various degree of curvature of the NOPB and Norfolk Southern Railroads. Proceeded with a 10-degree curve and prepared schematic plans including typical rail and bridge sections, plan and profile sheets, at grade rail crossings, and calculated quantities for an order of magnitude cost estimate.
08/16 – 03/17	**NOPB Railroad Claiborne/Kentucky Yard Improvements; New Orleans, LA:** Prepared final plans and permit drawings for site improvements to the NOPB Claiborne/Kentucky Yard. Improvements included installation of a trailer pad, parking, utility connections, and drainage improvements. Produced a demolition plan, utility plan, a paving and grading plan, and details sheet.
11/19 – 04/20	**West Shore Enhancement Project; St. James Parish, LA:** Provided civil design and preliminary plan and specifications preparation for a 320 CFS pump station at Blind River as well as two floodgate closure structures. The work included design of sheet pile wall and combi-walls for grade separations, rip rap sizing and placement for erosion control, site grading and drainage, and access road layout and design to accommodate a WB-62 design vehicle.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**Rene' A. Chopin, IV, PE**	Years of relevant experience with this employer	**11**	
Title	**Civil Engineer**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**Bachelor of Science/2013/Civil Engineering**		
Active registration number / state / expiration date		**42349/LA/09-30-2026**		
Year registered	**2018** Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities		**Professional Engineer / 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. Chopin is a Registered Professional Civil Engineer in Louisiana with a focus on Hydraulic and Hydrologic Engineering. He joined BKI full time in 2013 after receiving his Bachelor of Science in Civil Engineering and serving as an intern for two years. His experience includes the use of the Department of Transportation and Development HYDR 2009, HEC-HMS and HEC-RAS programs to calculate drainage flows and pipe capacities. He has worked on various projects such as roadway and drainage improvement projects, master drainage plans, levee and stormwater prevention projects, and harbor improvements including dredging. His responsibilities have included performing engineering calculations, site layout, plan and specification preparation, estimating project costs, and construction administration. He is a Member of the American Society of Civil Engineers and the Society of Military Engineers. In addition, he received his ATSSA Traffic Control Supervisor Refresher - LA training in 2023.
03/15 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Provided hydraulic and hydrologic engineering for the preparation of line and grade studies including HEC-RAS analysis of existing and proposed crossing culverts and bridges. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections. The project included 3.5 miles of roadway, multi-use path, and two roundabouts. Prepared the hydraulic calculations for the drainage design in accordance with LADOTD's Hydraulics Manual.
08/20 – Ongoing	**Rural Bridge Replacement Initiative Phase I; Various Parishes, LA:** Civil Engineer provided drainage design for the redesign, removal, and reconstruction of 33 bridges on the State Highway system over 16 concurrent contracts. Bridges Included: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997.
08/14 – 01/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Provided civil engineering services for the design of a new interchange between Causeway Boulevard (LA 3046) and Earhart Expressway (LA3139). Mr. Chopin analyzed the existing drainage network and designed the drainage for the new interchange, in accordance with LADOTD's Hydraulic Manual.
04/18 – 02/25	**Parish Road 929 at Braud Road Roundabout; Ascension Parish, LA:** Civil Engineer provided drainage design for the construction of a roundabout interchange. Performed HEC-RAS analysis of concrete box culverts to replace existing bridges and facilitate the construction of the new interchange. Although this was an Ascension Parish program, for consistency and convenience, LADOTD standards, references, manuals, and format requirements were used.
07/14 – 07/24	**Peters Road Bridge and Extension Phase II & III; Plaquemines Parish, LA:** Generated drainage maps, performed calculations to determine runoff, and sized drainage structures for the extension of approach roadways across the Intracoastal Waterway. Prepared the hydraulic calculations in accordance with LADOTD's Hydraulic Manual.
11/20 – Ongoing	**25th Street Canal Drainage Improvements Project; Gretna, LA:** Providing Hydraulic and Hydrologic engineering for alternate routing of stormwater runoff during high-intensity events for the 25th Street Canal subdivisions. This includes analyzing the existing system, providing recommended pipe sizes for alternate flow routes when the Heebe Canal stage exceeds water surface elevations that would close flap gates to be installed on the current outfall pipes, and designing improvements within 25th Street Canal to handle the additional flow to feed the proposed 25th Street drainage pump station. In working with our Mechanical Department, we have developed a closed, pump-controlled system for the 25th Street subdivision that will alleviate flooding during high-intensity rainfalls.
11/21 – Ongoing	**Bayou Paul Lane Ditch and Culvert Improvements Project; City of St. Gabriel, LA:** Project Manager providing oversight as well as performing hydraulic analyses using LaDOTD's Hydraulic Software, HydrWIN2009. Generating a cost estimate based on proposed improvements as well as creating construction documents and assisting in the bidding-advertising of the project. Will provide construction administration services and provide oversight of the resident inspection.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**Renée Poole, PE**	Years of relevant experience with this employer	**5**	
Title	**Civil Engineer**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**Bachelor of Science/2019/Civil Engineering**		
Active registration number / state / expiration date		**47869/LA/09-30-2025**		
Year registered	**2023** Discipline	**Civil Engineering**		
Contract role(s) / brief description of responsibilities		**Professional Engineer / 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).
	Ms. Poole joined BKI after obtaining a degree in Civil and Environmental Engineering. She is proficient in MicroStation V8, InRoads, AutoCAD 2021, Civil3D, HEC-RAS, PC SWMM, Q-GIS, and HYDR-WIN. Her professional experience has focused on hydrologic and hydraulic analyses as well as drainage system improvements and includes full-reconstruction roadway improvement design. Ms. Poole serves as Recreation Committee Chair of the American Concrete Institute, Louisiana Chapter, and as an active Director for the Louisiana Civil Engineering Conference and Show. She was recently awarded the Chapter Activites Award from the American Concrete Institute. She served as President of the Society of Women Engineers' UNO student chapter, team facilitator of her senior capstone design project, and conference chair of both the ASCE and ACI student chapters. In addition, she received her ATSSA Traffic Control Technician and Supervisor - LA training in 2023.
05/19 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA:** Project included 3.5 miles of new roadway, a multi-use path, the design of 2 roundabouts and a 140 ft. span bridge crossing Bayou Castine. Providing civil engineering services and drainage calculations for the preparation of line and grade studies, and to size the required ditches, culvert crossings, and all driveway and erosion culverts. Completed the drainage calculations and design for two roundabouts. Ran scour analysis on proposed bridge in existing HEC-RAS model provided by the owner. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections.
07/20 – 07/26 (est.)	**Rural Bridges Replacement Initiative Phase I & Phase II; Various Parishes, LA:** Phase I completed the hydrologic, hydraulic and scour analyses for these 40+ bridge sites, both on- and off-system. Found the drainage area, hydrologic length, and slope using quad contour maps, LiDAR, or Q-GIS, and soil classification to calculate the existing channel's flow. Cut cross sections of the channel. Created a HEC-RAS model to analyze the existing structure and channel. Worked with the roadway team to determine what type of structure would be best, a suitable low cord and length for the proposed bridge or allowable sized of the culvert. Created a new HEC-RAS model for the proposed bridge and the channel improvements. Used the HEC-RAS model to analyze the proposed scour. Created and completed the criteria and hydraulic reports for this project. Completed all hydrologic work, hydraulic work, and report for each site included in the project. Also, calculated the required size of any/all driveway and erosion culverts required on the site. For Phase II reviewed each site's hydrologic & hydraulic engineering analysis and hydraulic criteria and design reports completed by subconsultant for complete reconstruction of multiple deficient bridges maintained by LA DOTD. Also, calculated the required size of any/all driveway and erosion culverts required on the site.
05/19 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Designed the relocation of Jefferson Parish's water and sewer mains for the new interchange between Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Handled roadway and drainage design changes due to bent relocations and DOTD comments in final plans, quantity changes, and roadway plan preparation.
05/19 – 08/26	**Peters Road Bridge and Extension Phase II & III; Plaquemines Parish, LA:** Coordinated with Jefferson Parish to determine the scope of work in regards to the existing utility layout. Analyzed existing waterline layout to see if location changes are needed to work with our design. Wrote necessary specifications for the proposed changes to the waterline.
05/22 – Ongoing	**Linwood Avenue Reconstruction Phase IV:** Created typical sections to adhere to the City of Shreveport's wishes as well as DOTD standards. Created roadway geometry and baseline. Completed the required submittals in preliminary and currently working towards 60% final plan submittal. Created cost estimate and technical specifications, addressed and responded to all comments from both DOTD and the owner, supplied all required items for each submittal package, and reviewed and advised on the following: quantities, markups, design report, and design waivers and exceptions prepared by intern.

05/19 – Ongoing	**LA 466 / 5th Street Improvements; Gretna, LA:** Analyzed the existing drainage system including all inputs from other systems, conducted a site visit to field verify unclear information from the survey, designed proposed drainage layout and used HYDR6000 and HYDR6020 to perform necessary calculations. Revised typical sections to fit both JP, Gretna, and DOTD standards. Designing the PGL and cross-sections in Civil3D. Coordinated with the landscape architect. Has completed technical specifications, design reports, design waivers and exceptions, and all the required submittals in preliminary and 60% final plans. Held the plan-in-hand meeting and addressed all necessary comments and required items for each submittal package. Created additional action item's cost estimates and met with Owner to discuss available options. Held a utility walk-through with Atmos, Entergy, and AT&T.
11/20 – Ongoing	**25th Street Canal Drainage Improvements Project; Gretna, LA:** Analyzed the existing drainage system throughout the entire neighborhood to determine where to add equalizer pipes, how and where to reroute the flow towards the proposed pump station in a flooding event, and how to overall improve the drainage system. Began preliminary drainage design and completed a conceptual submittal of our preliminary plans for FEMA to review.
05/19 – 12/21	**Wolf Bay Bridge Final Design; Orange Beach, AL:** Responsible for supporting the design of the bridge's main span and approaches for a project connecting SR-161 across Wolf Bay to CR-95. Ms. Poole is reviewing storm surge assessment and creating the bridge and bay model in HEC-RAS modeling software to determine the bridge scour. The project will extend approximately 4.8 miles, with the bridge approximately 4,800 linear feet in length and surface streets approximately 3.9 miles long.

Firm employed by	**Burk-Kleinpeter, Inc.**			
Name	**Bailee L. Hurm, EI**		Years of relevant experience with this employer	**4**
Title	**Civil Engineer Intern**		Years of relevant experience with other employer(s)	**0**
Degree(s) / Years / Specialization		**Bachelor of Science/2019/Civil and Environmental Engineering**		
Active registration number / state / expiration date		**34435/LA/09-30-2026**		
Year registered	**2020**	Discipline	**Engineer Intern**	
Contract role(s) / brief description of responsibilities		**Engineer Intern**		

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. Hurm is a Civil and Environmental Engineering graduate of the University of New Orleans (UNO). She has experience in MicroStation and InRoads, performing geometric, roadway, grading, and drainage design tasks. Ms. Hurm has worked on several projects in which she provides complete construction plan sets including typical sections, plan-profile sheets, geometric details, cross sections, construction sequencing, cost estimates, and specifications. Experienced in DOTD, AASHTO, and FHWA design criteria. Well-versed in the DOTD Minimum Design Guidelines and writing design exception reports as well as performing crash study analysis to accompany the reports. She is currently an active member of the American Society of Civil Engineers and the American Concrete Institute. The ASCE New Orleans Branch awarded Ms. Hurm the Distinguished Civil Engineer award in Spring 2019. Her previous work experience includes as an UNO engineering tutor to college students and as an engineering intern at Gaea Consultants, LLC, and Keystone Engineering, Inc. In addition, she received her ATSSA Traffic Control Technician and Supervisor - LA training in 2023.***
10/19 – 12/26 (est.)	**Mandeville Bypass Project; St. Tammany Parish, LA**: Aided in the final plan phase of the project for a new bypass road in St. Tammany Parish and the addition of new roundabout junctions at US 190 and LA 1088, where the new bypass road ties into the existing highways. Provided roadway, geometric, grading, and drainage designs utilizing InRoads and MicroStation. Design elements include, but are not limited to, slab span bridge layout and grading, guard rail design, horizontal and vertical geometry applying roundabout-specific criteria, stopping sight distance, subsurface drainage, and ditch design. Coordinated with team members to produce final construction drawings, including typical sections, plan profiles, geometric details, and cross sections. Worked with team members to provide a complete cost estimate with quantity calculations for the project. In addition, provided a detailed design report per LA DOTD Minimum Design Guidelines.
07/20 – 07/26 (est.)	**Rural Bridges Replacement Initiative Phase I & Phase II; Various Parishes, LA:** For phase I, provided geometric, roadway, and drainage design elements as part of the construction document development to replace 33 bridges on the State Highway System and local roadways in Districts 03, 07, 61, and 62. Bridges Included: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997. For phase II, provided civil engineering design services for the complete reconstruction of multiple deficient bridges maintained by LA DOTD in the State Highway system for Districts 05,08, and 58. Performed preliminary roadway, geometric, grading, and drainage designs utilizing InRoads and MicroStation. Design elements include, but not limited to, horizontal and vertical geometry design applying stopping sight distance criteria, superelevation design, ditch design, and guard rail design. Provided preliminary and final construction drawings including typical sections, plan-profiles, geometric details, detour maps, construction sequencing, and cross sections. Provided cost estimates including quantity calculations and tables. Performed crash study analyses using the Highway Safety Manuel spreadsheet. Provided design reports and design exception reports per DOTD Minimum Design Guidelines. Bridges Included: H.014242.5, H.014243.5, H.014245.5, H.014246, H.014247.5, H.4248.5, H.014249.5, H.0142450.5, H.014268.5.
10/19 – 12/26 (est.)	**Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange (H.002861) - SPN H.002861; Jefferson Parish, LA:** Aided in roadway and structural design and plan development for the new interchange between Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. This project includes a full interchange providing all directions of movement between the two corridors. The interchange fit within a very compact footprint with very unique geometric challenges. The interchange features seven new ramps which include at-grade roadways and bridge structures.
01/20 – Ongoing	**Plum Orchard Group C RR136 (FRC) and Group D RR137 (FRC); New Orleans, LA:** Completed a full drainage analysis including all necessary calculations, assumptions, and reports. Created roadway profiles to meet city standards and tie-in to the existing locations at multiple intersections and driveways. Created the complete sub-surface network analysis, for water, sewer, and drainage. Worked with the city to determine the final scope of the project. Also, put together the project specifications, cost estimate, and scoping report. Helped to complete the preliminary design, including 4 full submittals.

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

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

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 I-20 UPPR:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 02/23	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish:** Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.
08/21 – 12/24	**H.011833.5 St. Mary Street Sidewalks; Scott, LA:** Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.

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

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

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

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

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

Firm employed by:	**Civil Design & Construction, Inc.**			
Name	**Clarence J. Goodspeed**	Years of relevant experience with this employer	**2**	
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			
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.
03/23 – Ongoing	**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 – Ongoing	**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	**2**
Title	**Survey Technician**		Years of relevant experience with other employer(s)	**9**
Degree(s) / Years / Specialization			**BS / 2015 / Civil Engineering**	
Active registration number / state / expiration date			**32456 / LA / 09/30/2025**	
Year registered	**2015**	Discipline	**Engineering Intern**	
Contract role(s) / brief description of responsibilities			**Surveying / Property Surveys and ROW Maps**	

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

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

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

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

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

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

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). ***Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.***
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish, LA:** Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/21 – 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	**2**	
Title	**Survey Party Chief**	Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization		**High School Diploma**		
Active registration number / state / expiration date				
Year registered		Discipline	**ATSSA TCS, TCT, Flagger**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.
12/22 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish, LA:** Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.
08/22 – 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	**2**	
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 TCS, TCT, Flagger**	
Contract role(s) / brief description of responsibilities		**Surveying / Property Surveys and ROW Maps**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Smith 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.
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.
05/23 – 08/23	**MSY Campus Wide Sewer Location:** 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:	**APS Engineering and Testing, LLC**				
Name	**Sergio Aviles, PE, M.ASCE**		Years of relevant experience with this employer	**12**	
Title	**President**		Years of relevant experience with other employer(s)	**10**	
Degree(s) / Years / Specialization			**BS / 2001/ Civil Engineering-Geotechnical**		
Active registration number / state / expiration date			**33571/ Louisiana / 03/31/2026**		
Year registered	**2007**	Discipline	**Professional Engineer: Civil**		
Contract role(s) / brief description of responsibilities			**Project Manager/Design Guidance/Field Crew and Lab Management**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Aviles has over 20 years of experience in geotechnical and civil engineering. After founding APS Engineering and Testing eleven years ago, he continued his work throughout Louisiana working with both government and private entities. Mr. Aviles has extensive experience in design and construction supervision of roadway projects in the state. He has frequently worked with LADOTD performing slope stability analysis, embankment settlement calculations, mechanically stabilized earthen wall design, sheet pile design and pile testing. Mr. Aviles is also proficient in the use of AutoCAD Civil 3D which he utilizes in the design of projects.
06/20 – 06/25	**Rural Bridge Replacement Initiative:** The scope includes geotechnical investigation and design for the replacement of 60 structures on the LA state highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes slope stability analysis (when applicable) and pile capacity analysis for foundations to support new bridge structures. Mr. Aviles is the Supervisor-Engineer to the Geotechnical Investigations.
09/19 – 10/24	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope included drilling and sampling a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles is the Project Manager to the Design Team.
11/22 – 10/24	**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. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles was the Project Manager for the Project Design Team.
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 with the winning team for the Design of the Diversion CMAR project. APS performed Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Aviles was the Project Manager for the Project Design team.
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. Mr. Aviles was the Manager of the Design Team.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Manager to Geotechnical Design Team.
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. A P S 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. Aviles was the Manager to the Geotechnical Team.
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 to 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 LRFD vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Aviles was the Principal Engineer for the Geotechnical Investigation.
03/01 – 05/05	The following list consists of projects that Mr. Aviles did the design or assisted on the design while at LADOTD. These projects include pile design, slope stability, settlement analysis, and construction services (PDA, CAPWAP, and WEAP). **ONSYSTEM PROJECT LIST:** Mr. Aviles served as the staff geotechnical engineer while at the Pavement and Geotechnical Section for the following projects below. Projects include Embank Design, Pile Design, Drilled Shaft Design, MSE Wall Design, and Construction Supervision. Major project costs estimated over one million dollars: 015-04-0037 LA524-LA123 Route US165, 015-05-0035 LaSalle, 015-07-0044 (Route 165 Cadwell, 276-03-0016 Tangipahoa River Bridge, 3132 01-0029, 362-01-0009 Rat Bois, 452-01-0039 I-55 CrossOvers, 742-07- 0098 Susek Drive, Bayou Perrie and Sand Beach Bayou 103-01-0025, Broadway Ave.700-40-0127, Cameron Route La. 27 193-02-0042, Causeway Boulevard interchange Route I-10 450-15-0098,Clayton-Greenville 026-03-0025, Crescent City Connection 283-08-0143(46), Cross Bayou Bridge 090-01-0020, Flannery at Florida 742-17-0008.Innerloop 427

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Sairam (Sai) Eddanapudi is the Senior Geotechnical Engineer for APS Engineering and Testing. He has over 20 years of experience in the geotechnical and civil engineering fields. Mr. Sai's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete. Mr. Sai has experience with the following software: Slope/w (2004 and 2007 versions) for slope stability analyses, Seep/w for seepage analysis, Driven 1.2 (for driven piles), MicroStation V8, CWALSHT and FS004 for slope stability analyses, Swell Potential (for expansive soils), Drilled Shaft Design software, Auger cast pile design Analysis, AASHTO pavement, Slope analysis, and Differential Settlement Analysis.
06/20 – 06/25	**Rural Bridge Replacement Initiative:** The scope includes geotechnical investigation and design for the replacement of 60 structures on the LA state highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes slope stability analysis (when applicable) and pile capacity analysis for foundations to support new bridge structures. Mr. Sai is the Chief Engineer to the Geotechnical Investigation.
09/19 – 12/24	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope included drilling and sampling a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. APS drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. APS is currently providing PDA instrumentation, testing, and CAPWAP analysis. Mr. Sai is the Chief Engineer for the Project Design Team.
11/22 – 05/24	**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. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Sai is the Chief Engineer for the Project Design Team.
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 with the winning team for the Design of the Diversion CMAR project. APS performed the Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. APS performed a total of 4 PDA during construction monitoring. Mr. Sai was the Chief Engineer for the Project Design Team.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** Scope included Geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for geotechnical recommendations. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/23 – 04/24	**Groom Road Brushy Bayou:** The purpose of this study is to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed structures. A total of 12 borings ranging between 10 and 50 feet in depth were drilled by APS. Services also included conducting laboratory tests on selected samples recovered from the soil borings. Mr. Sai was the Chief Engineer to Geotechnical Investigation.

11/23 – 02/24	**Jones Connell Road Bridge Replacement:** The purpose of this study was to explore the subsurface conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and bridge. APS completed the analysis for the proposed Jones Connell Road Bridge Replacement Design Study in West Feliciana Parish, Louisiana. The scope of services also included subsurface investigation and laboratory testing. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/19 – 12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Sai was Chief Engineer for the Project Design team.
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. Sai was the Chief Engineer to the Geotechnical Team.
08/21 – 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. Sai was the Chief 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. 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. Sai was the Chief 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. Sai was an Engineer for the Geotechnical Investigation.
08/16 – 10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave:** APS was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. APS tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by APS Laboratory. Mr. Sai was the QA for the Geotechnical Investigation.
05/18 – 03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements:** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Sai was an engineer to the Geotechnical Investigations.
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 LRFD vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Sai was the Project Manager for the Geotechnical Investigation.

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Surendra Pathak is a Staff Geotechnical Engineer for A P S Engineering and Testing. He has over 15 years in the geotechnical and civil engineering fields. Mr. Pathak received a Master of Science in Civil Engineering (MSCE) from Mississippi State University in 2013, a Master of Science in Civil Engineering from Norwegian University of Science and Technology in 2007, and a B.E. in Civil Engineering from Madan Mohan Malaviya University of Technology (India) in 1998. Mr. Pathak's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete.
06/20 – 06/25	**Rural Bridge Replacement Initiative:** The scope includes geotechnical investigation and design for the replacement of 60 structures on the LA state highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes slope stability analysis (when applicable) and pile capacity analysis for foundations to support new bridge structures. Mr. Pathak is the Senior Engineer for Geotechnical Investigation.
09/19 – 10/24	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope included drilling and sampling a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, APS tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. APS is currently providing PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak is the Senior Engineer for the Project Design Team.
11/22 – 05/24	**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. APS also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak is the Senior Engineer for the Project Design Team.
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 with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. APS performed a total of 4 PDA during construction monitoring. Mr. Pathak was the Senior Engineer for Geotechnical Investigation.
09/21 – 05/24	**Port Hudson-Pride Road (LA-964 – LA-19):** Scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was an Engineer to the Geotechnical Investigation.

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

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 / 03/31/2025**		
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 has over twenty-seven (27) years' experience in Traffic Engineering and Transportation Planning. She has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage and striping. Ms. Michel has a wide array of experience with transportation studies including traffic impact, safety, corridor, feasibility/Stage 0, environmental/Stage 1, multi-modal and transit facilities. She has experience in the timing of coordinated signal systems and progression analyses. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS),Tru-Traffic and SIDRA.
01/14 – 08/19	**US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design-Build Project:** Ms. Michel 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.
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.
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.
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.

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.
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.

Firm employed by:	**Urban Systems, Inc**				
Name	**Nicole H. Stewart, PE**		Years of relevant experience with this employer	**19**	
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 / 09/30/2025**		
Year registered	**2009**	Discipline	**Professional Engineer: Civil**		
Active registration number / state / expiration date			**2923 / Louisiana / 08/14/2025**		
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 has eighteen (19) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment. This includes closing downtown streets with bike lanes and sidewalks, suburban road closures on multilane highways, and rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term. She has experience in signal design and timing of coordinated systems for LADOTD which included developing a system engineering analysis for a new fiber optic communication network. She has experience using Highway Capacity Software (HCS), Synchro, and SIDRA. While her role in this contract will be Traffic Engineering, her experience preparing road widening and full reconstruction plans for LADOTD project will allow seamless integration with the prime's road design plans.
10/15 – Ongoing	**MacArthur Interchange Completion Phase II TMP:** The design team was led by Ms. Stewart for the preliminary traffic signal design and the Traffic Management Plan (TMP) for proposed interchange modifications on US 90 (Westbank Expressway). Tasks for this work include conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. Ms. Stewart was responsible for the QA/QC for this stage of the project.
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.
10/17 – 04/19	**TMP for US 90 Bridge Maintenance over I-10 Ramps at LockMoor:** 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.
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.
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 that required complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodations. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the design of temporary traffic control plans for multiple phases of construction, and she performed QA-QC. She coordinated with Jefferson Parish and LADOTD to obtain approval of the Parish's equipment and specifications for use in the LADOTD bidding process.
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.

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 over twenty-seven (27) years of experience in Civil Engineering and has been specializing in transportation for more than nine (9) years. Ms. Darrah has been both the project manager and the lead analyst for corridor and intersection improvement studies for Stage 0 and Stage 1 projects. She has provided engineering services for the design and analysis of traffic control features on roadway construction projects. She also has experience using MicroStation and TransCAD. This includes developing temporary striping and signage plans for various conditions including lane closures, road closures, flagging operations and full detour plans. Ms. Darrah has prepared traffic signal design plans in LADOTD format. She has been involved in Operational Analysis, Data Collection, Safety Studies, Crash Data Analysis, and Bike/ Pedestrian accommodations. Her many years and wide variety of experiences are valuable during studies and design development.
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 accommodation including walk/ don't walk signal heads and audible push buttons.
03/17 – 03/18	**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.
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. Additionally, Ms. Darrah designed the striping signage layouts for lane closures on an I-10 on-ramp for laydown access and police-controlled haul routes. Her experience was invaluable given the schedule demands. The Plans were provided by the deadline and the bridge construction was successfully completed.
09/14 – 12/14	**SELA 26 Widening of Florida Ave. Canal Phase II and III:** Ms. Darrah designed 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 as needed.
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.
12/24 – 02/25	**Super Bowl LIX New Orleans:** As lead engineer, Ms. Darrah oversaw the preparation of Traffic Control Devices Plans (TCDP) for full, permitted and permitted closures associated with Super Bowl LIX in New Orleans. Plans were developed to facilitate the safe and efficient movement of vehicles and pedestrians for all phases of the event including preparation and post event restoration at the Superdome and several ancillary venues. TCDP met Orleans Parish, and MUTCD standards. I-10 off-ramp closer plans additionally met LADOTD standards. Ms. Darrah was the point of contact during design and implementation and coordinated with the owner, Orleans Parish, New Orleans Police, traffic control device installer, stakeholders and LADOTD as needed.
02/14 – 02/25	**FEMA Recovery Roads Program:** Ms. Darrah designed the initial phase of roadway restoration for the Seventh Ward, Bayou St John and Fairgrounds neighborhoods that were damaged by events related to Hurricane Katrina. Plans were prepared by Ms. Darrah for partial and full concrete/ asphalt roadway reconstruction in addition to asphalt mill and overlay.

Firm employed by:	**Urban Systems, Inc**				
Name	**Matthew H. Morgan, PE, PTOE**		Years of relevant experience with this employer	**10**	
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 / 03/31/2025**		
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**		

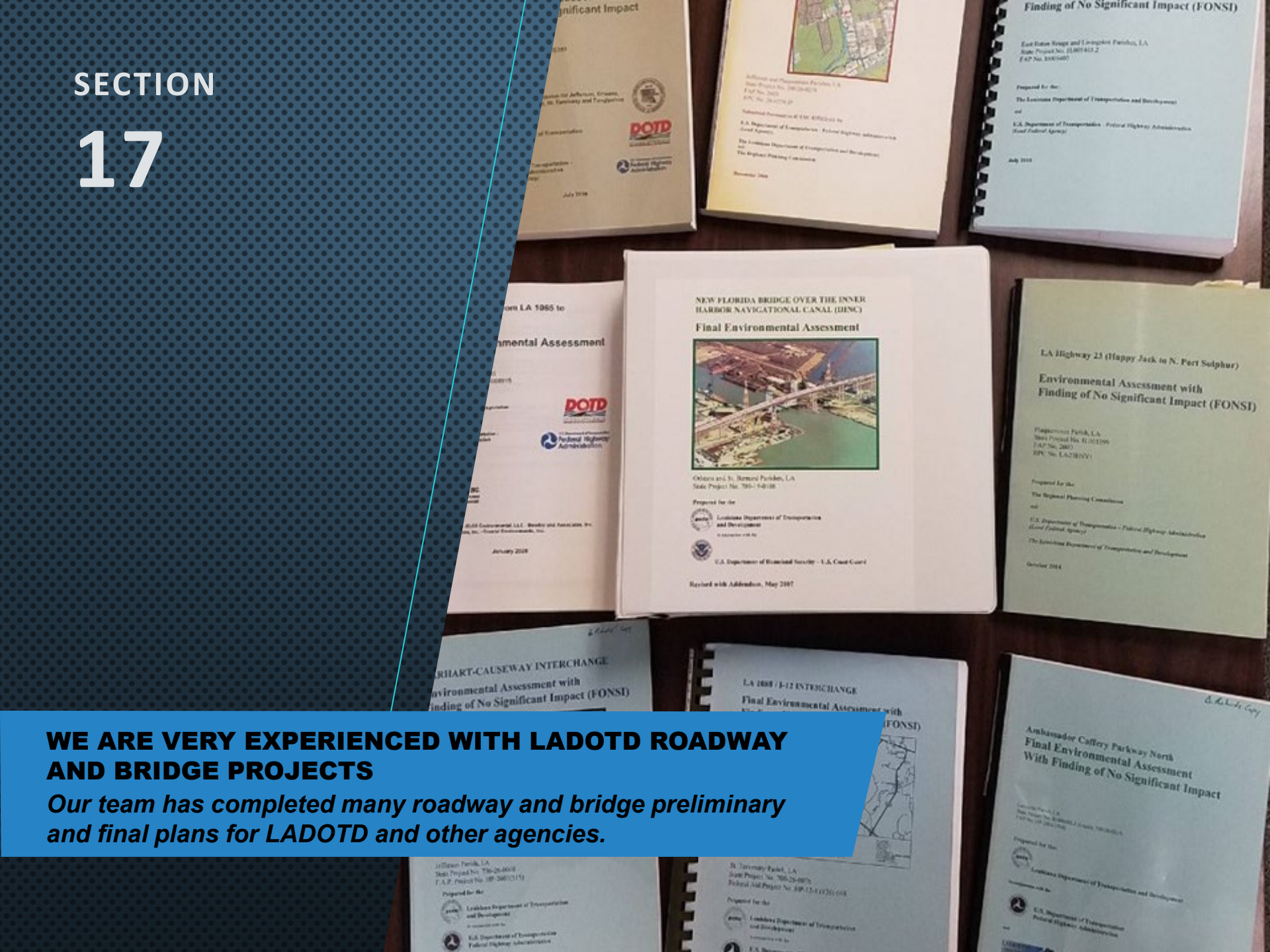
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Morgan has (13) thirteen years' experience that ranges from starting as a Data Collection Manager while in college to an E.I and now a P.E. for Traffic Engineering/ Transportation planning projects. He 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 that involved intersection, freeway, and highway analysis. He has assisted with Traffic Impact Studies, Traffic Control Device Plans, Interchange Modification/Justification Reports, Stage 0 Studies, Transportation Management Plans, and a variety of other studies. Mr. Morgan's design experience includes traffic signals, signage and striping. He has been heavily involved in complete streets projects with a focus on bike/ pedestrian facilities. Morgan's wide range of experience in a short time will bring creativity and innovation to roadway projects when traditional methods won't meet the unique needs of the community. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS, SIDRA, VISSIM, CORSIM, and Adobe Suite.
02/22 – 04/22	**Walker LA 447 Counts:** Mr. Morgan managed data collection for this traffic study of the LA 447 corridor in Hammond, LA which is in LADOTD District 62. Mr. Morgan coordinated with National Data and Surveying Services (NDS) to obtain the traffic data per the LADOTD Traffic Engineering Process and Report (TEPR) requirements. He reviewed 7-day data and compiled the initial data collection report which included peak period determination and graphical representation of the data collected. Mr. Morgan also reviewed 48-hour, turning movement counts (TMC), and 15-minute driveway counts for completion and reliability. He also prepared the Final Data Collection report which was approved by LADOTD.
03/22 – 09/22	**Hundred Oaks Broussard Bridges TCDP:** Traffic Control Devices Plans (TCDP) in East Baton Rouge Parish, LA were to provide adequate advanced notice and signage to drivers for the closure of two local road bridges. Mr. Morgan led the design of the TCDP for each bridge closure which incorporated local municipalities' standards, and the Manual on Uniform Traffic Control Devices (MUTCD). Mr. Morgan used aerial photography to designate placement of detour and advanced warning signage. He oversaw the creation of the plans in AutoCAD.
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.

Firm employed by:	**Urban Systems, Inc**				
Name	**Connor M. Crow, EI**		Years of relevant experience with this employer	**1**	
Title	**Transportation Engineer**		Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization			**BS / 2023 / Civil Engineering**		
Active registration number / state / expiration date			**35663 / Louisiana / 09/30/2026**		
Year registered	**2024**	Discipline	**Engineer Intern: Civil**		
Contract role(s) / brief description of responsibilities			**Signal Design / TCDP 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. Crow has one (1) year of experience working on traffic engineering and transportation planning projects. His experience includes traffic signal design, temporary traffic control plans, traffic impact analyses, and corridor studies. He has designed traffic signal plans in accordance with LADOTD standards, temporary traffic control for nonstandard road closures. Additionally, he has conducted field observations, site visits, and capacity analysis using industry-standard software. His involvement in a wide range of projects in a short amount of time demonstrates his ability to apply innovative solutions to complex transportation challenges. Mr. Crow is proficient in AutoCAD and utilizes LADOTD, MUTCD, and TXDOT standards in his work.
10/24 – Ongoing	**Florida Blvd Design:** The preliminary signal design for the intersection of Florida Blvd and Ardenwood Dr was prepared by Mr. Crow; this included proposing locations for traffic signal equipment, preparing the TSI and compiling a list of pay items for the intersection. He also assisted with AutoCAD for multiple intersections.
01/25 – Ongoing	**Bonnabel Drainage Improvements:** Mr. Crow assisted with the traffic control device plans (TCDPs) for drainage work on Veterans Memorial Blvd and Bonnabel Blvd. Using MUTCD and LADOTD standards, he designed the signage and striping for four phases of construction; these involved single and muti-lane closures and sidewalk closures.
09/24 – Ongoing	**I-10 NO CBD3 (Poydras-Louisa):** The temporary traffic control needed for nonstandard road closures for overhead sign construction along portions of I-10 were designed by Mr. Crow, these included lane closures, shoulder closures, and ramp closures. He also compiled a list of the LADOTD Temporary Traffic Control (TTC) standard drawings.
05/24 – Ongoing	**North Blvd Signal Design:** Mr. Crow prepared a preliminary signal design for multiple intersections along the North Blvd corridor. This involved selecting the locations for traffic signal equipment, preparing the wiring diagram, and estimating quantities. Assisted with tasks in AutoCAD and attended a plan in hand site visit to confirm the potential locations of equipment.

SECTION

17



WE ARE VERY EXPERIENCED WITH LADOTD ROADWAY AND BRIDGE PROJECTS

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

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

Firm Name	**N-Y Associates, Inc.**	Discipline(s)*	**Road, Bridge**
Project name	**1. 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**

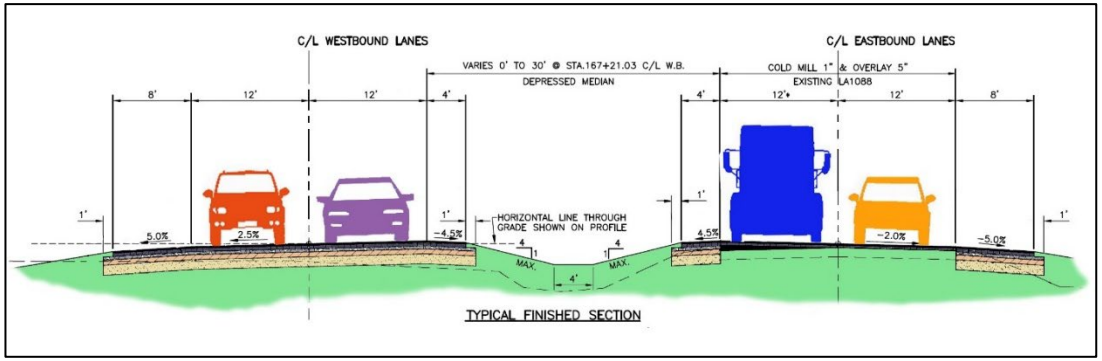
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

N-Y completed all aspects of this $15 million project, which converted 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:

- **A Geometric Design Study (including engineering feasibility of alternatives);**
- **An Interstate Access Point Request (APR) Report;**
- **An Environmental Assessment;**
- **Public Outreach including Public Meetings and Public Hearings;**
- **Topographic Surveys, and**
- **Preliminary and Final Roadway and Bridge Plans**

*** The LADOTD PM through 2010 was Jeff Burst, PE. Mr. Burst is no longer with LADOTD.**

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)*	**Road**
Project name	**2. 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	**3. 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 of Bootlegger Road with 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)*		**Road**
Project name	**4. Stage 1 Environmental Assessment for US 51 (LA 22 to Club Deluxe Rd.)**		Firm responsibility (prime or sub?)		**Prime**
Project number	**SPN. H.008399**	Owner's name	**Regional Planning Commission**		
Project location	**Tangipahoa Parish, LA**		Owner's Project Manager	**Jeffrey Roesel, AICP**	
Owner's address, phone, email	**10 Veterans Blvd., New Orleans, LA 70124 / (504) 483-8528 / jroesel@norpc.org**				
Services commenced by this firm (mm/yy)	**03/14**	Total consultant contract cost ($1,000's)	**$738**		
Services completed by this firm (mm/yy)	**12/18**	Cost of consultant services provided by this firm ($1,000's)	**$369**		

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

Engineering, Environmental and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and intersection improvements to US 51 in Tangipahoa Parish.

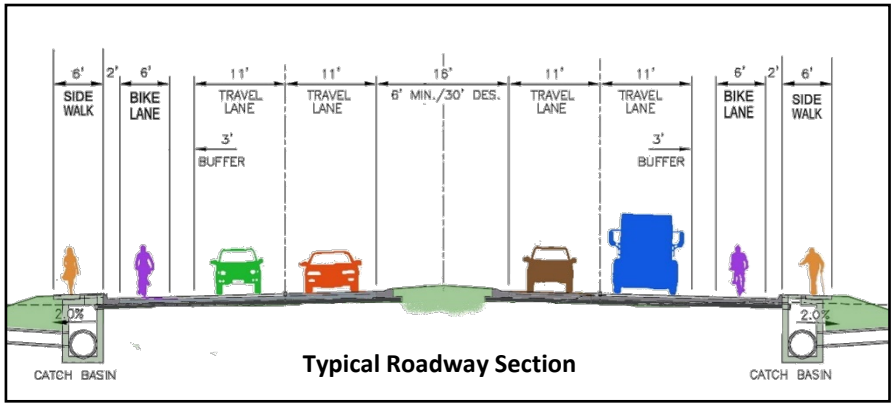
The corridor is currently a three-lane roadway for its entire length, and with increasing growth in the Hammond and Ponchatoula areas, traffic is projected to continue to increase. Capacity and intersection improvements should allow the roadway to adequately function in the future.

The Environmental Assessment includes:

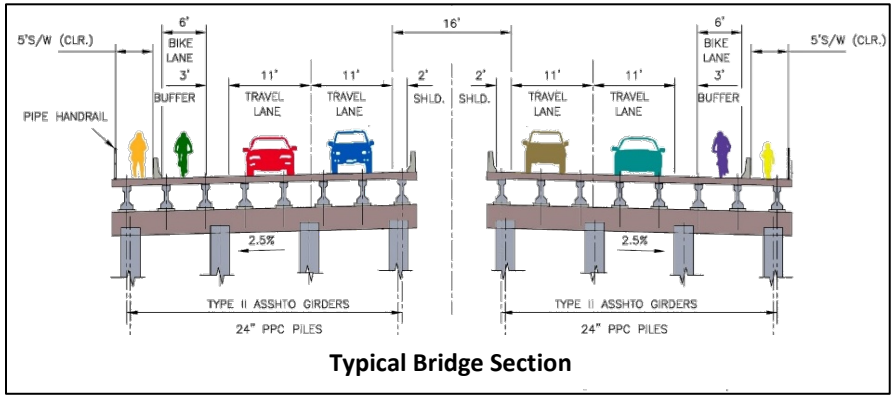
- **Traffic Analysis**
- **Line and Grade Study**
- **Mapping**
- **Development of Alternatives**
- **Conceptual Roadway (a new 4-lane divided roadway) and Bridge Plans (pre-cast concrete girders)**
- **Cost Estimates**
- **Human and Environmental Impact Analyses**
- **Stakeholder Coordination**
- **Conceptual Relocation Plan**
- **Public Participation Program**

The preferred alternative includes a complete streets roadway and bridge cross-sections which consist of two 11' travel lanes, 6' bicycle lanes buffered from travel lanes and 5' sidewalks for pedestrians.

N-Y MEMBERS
J. Simmons, PE
B. Richards, AICP, PTP, GIP
M. Nicoladis, EI, MBA
F. Nicoladis, PE
L. Jemison, AICP
D. Voss, NICET



Typical Roadway Section

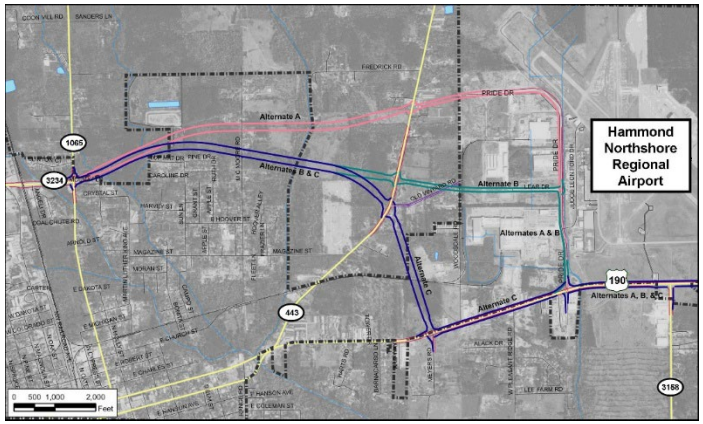


Typical Bridge Section

Firm Name	**N-Y Associates, Inc.**	Discipline(s)*	**Road**
Project name	**5. Environmental Assessment for LA 3234 Extension (LA 1065 to Hammond Airport)**	Firm responsibility (prime or sub?)	**Prime**
Project number	**SPN. H.008915.2**	Owner's name	**LADOTD**
Project location	**Tangipahoa 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)	**09/16**	Total consultant contract cost ($1,000's)	**$941**
Services completed by this firm (mm/yy)	**12/23**	Cost of consultant services provided by this firm ($1,000's)	**$535**

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

Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 in Tangipahoa Parish.



LA 3234 is currently a four-lane roadway, ending at LA 1065. The extension of LA 3234 will support intermodal connectivity near Hammond Northshore Regional Airport. The project will improve east-west connectivity through Hammond by extending LA 3234 (East University Avenue) from its current terminus at LA 1065 (North Cherry Street) to Hammond Northshore Regional Airport, thus providing a direct link for vehicular and truck traffic to transit between the Airport and Interstate 55.

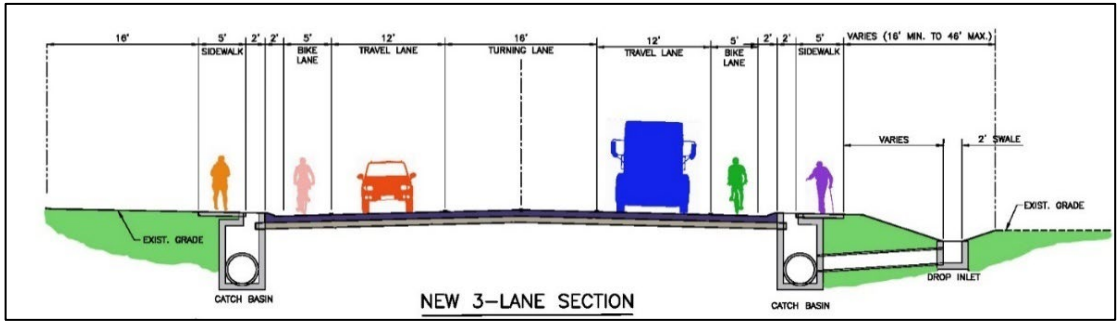
The Environmental Assessment includes:

- **a traffic analysis**
- **development of alternatives**
- **conceptual roadway (a new 3-lane divided roadway) and bridge plans (pre-cast concrete girders)**
- **cost estimates**
- **human and environmental impact analyses**
- **stakeholder coordination**
- **a conceptual relocation plan**
- **a public outreach program**

The preferred alternative includes Complete Streets roadway and bridge cross-sections which consist of two 12' travel lanes, a 16' turning lane, two 5' bike lanes and 5' sidewalks for pedestrians.

N-Y MEMBERS
J. Simmons, PE
B. Richards, AICP, PTP, GIP
F. Nicoladis, PE
M. Nicoladis, EI, MBA
D. Voss, NICET

Urban Systems, Inc. is worked with N-Y on this project.



Firm Name	**Burk-Kleinpeter, Inc.**	Discipline(s)*	**Road / Bridge**
Project name	**6. Mandeville By-Pass**	Firm responsibility (prime or sub?)	**Prime**
Project number	**N/A**	Owner's name	**St. Tammany Parish Government**
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)	**03/15**	Total consultant contract cost ($1,000's)	**$2,775 (fee)**
Services completed by this firm (mm/yy)	**12/26 (est)**	Cost of consultant services provided by this firm ($1,000's)	**$980 (fee)**

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

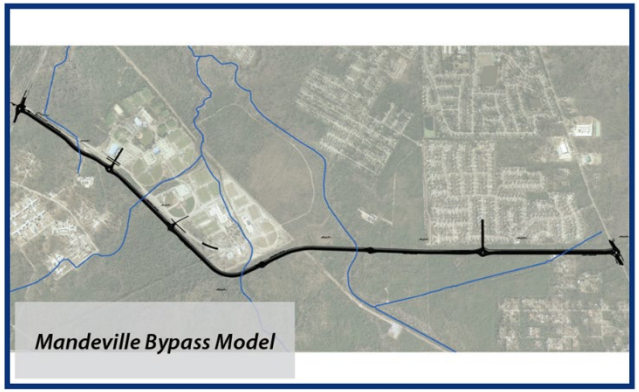
BKI MEMBERS
Rene, A. Chopin, III. PE
Andrew R. Jensen, PE
Henry M. Picard, III, PE, PLS
David E. Boyd, PE
Timothy J. Koenig, PE
Rene A. Chopin, IV, PE
Renee M. Poole, PE
Bailee L. Hurm, EI

Firm Role: As Prime Consultant, prepared a feasibility study for a proposed roadway connecting US Highway 190 and LA Highway 1088 with roundabout intersections at each end, providing the Parish with recommendations on the most compatible alternatives. Once an alternative was selected, the BKI team prepared schematic roadway plans including typical sections and plan/profile sheets.

Project Description: BKI evaluated eight corridor alignments before providing a short list of three alignment alternatives, from which a single recommended alignment was selected. All the short-listed and recommended alternatives included the implementation of roundabouts to provide the best level of service to traffic along the length of the corridor based on LADOTD EDSM NO: VI.I.I.5 guidelines. A single lane roundabout with allowances for an upgrade to a two-lane roundabout in the future was selected for the intersection at LA 1088. A single lane roundabout with a dedicated left turn lane was utilized at the intersection with US 190. The feasibility study included an environmental evaluation of wetlands, endangered species, cultural resources, residential/commercial displacements, ROW acquisition costs, mitigation costs, construction costs, utility relocation costs, and project transportation benefits. The project study area includes the habitat for an active colony of Red-Cockaded Woodpecker, an endangered species. As part of the study, the BKI team coordinated with user agencies including the U.S. Environmental Protection Agency, Natural Resource Conservation Service, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, LA Dept. of Wildlife and Fisheries, Dept. of Culture Recreation & Tourism, LADEQ, LA Dept. of Agriculture and Forestry, LADOTD, and LA Dept. of Natural Resources.

The BKI design team conducted several public meetings and subdivision meetings to solicit public input and established roadway design criteria for the proposed bypass including design speed, horizontal and vertical geometric components, multi-use path, utility servitudes, and buffer zones. In addition, BKI prepared all necessary permits for the selected alignment. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction and cross sections. Currently, the project is in the end stages of the final design.

Project Relevance
- Project consists of over 3.5 miles of roadway, multi-use paths, and two roundabouts.
- Prepared NEPA style documents on a locally funded project and met all USACE evaluation standards.
- Used GIS databases to predict wetlands and endangered species habitat for multiple alternatives in lieu of field studies in the alternative selection
- Prepared alternatives analysis for wetland endangered species via GIS data search and had that validated by actual field surveys. Obtained DNR LONO and USACE Section 10/404 permit.


Mandeville Bypass Model

Firm Name	**Burk-Kleinpeter, Inc.**	Discipline(s)*	**Road / Bridge**
Project name	**7. Rural Bridge Replacement Phase I & II**	Firm responsibility (prime or sub?)	**Prime**
Project number	**See Below**	Owner's name	**LADOTD**
Project location	**Various Parish, LA**	Owner's Project Manager	**Brian Allen**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1840 / brian.allen@la.gov**		
Services commenced by this firm (mm/yy)	**07/20**	Total consultant contract cost ($1,000's)	**Phase I: $3,600** **Phase II: $4,800**
Services completed by this firm (mm/yy)	**07/26 (est)**	Cost of consultant services provided by this firm ($1,000's)	**Phase I: $1,200** **Phase II: $1,600**

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

Firm Role: BKI was contracted by the LADOTD to prepare construction documents for the Rural Bridge Replacement Initiative Phase I & II for 67 bridges across 25 State Projects on the State Highway System and local roadways in Districts 03, 07, 61, and 62.

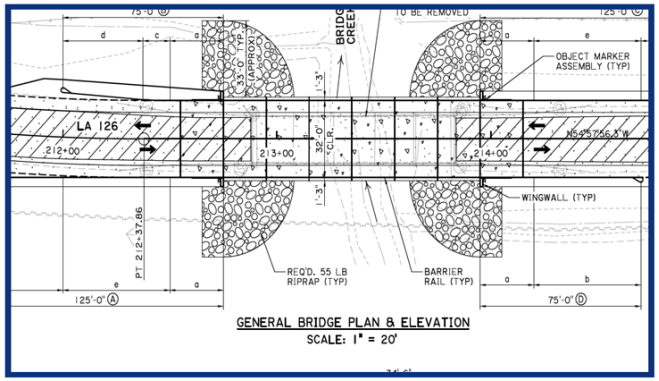
BKI MEMBERS
Rene, A. Chopin, III. PE
Andrew R. Jensen, PE
Henry M. Picard, III, PE, PLS
David E. Boyd, PE
Rene A. Chopin, IV, PE
Renee M. Poole, PE
Bailee L. Hurm, EI

Project Description: Through both phases, environmental tasks included NEPA compliance, wetland findings reports, Coastal Use Permits, and Sec. 10/404 permits, as needed. Design included topographical surveys, real estate property surveys and right-of-way maps, hydraulic analysis and design services, and preliminary and final design and plan sets for the replacement of substandard bridges and associated roadway approaches in the identified locations. Work included removal of existing bridge decks, timber structures, pilings, and guard rails, then construction of new concrete bridges, driving of new concrete pilings, installation of new guardrails, replacement of roadway, installation of reinforced concrete boxes (where applicable), and widening of roadway embankment. BKI provided special bridge designs for cast-in-place slab span bridges and one LG girder bridge. As designed bridge load ratings per LRFR are included.

Bridges replaced in the course of this initiative include State Project Numbers: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013989, H.013996, H.013997 H.014242, H.014243, H.014245, H.014246, H.014247, H.014248, H.014249, H.014250, H.014268.

Bridges located in District 62: H.013982 - LA 10 SPUR, LA 1042: Bridges Near Greensburg – St. Helena Parish – Four bridges H.013984 (Includes former H.013996) - LA 16, LA 1074, LA 1075: BRIDGES - St. Tammany Parish, and Washington Parish – Nine bridges

Project Relevance
- Traffic Sequencing
- FHWA TIFIA Program Requirements
- Right-Of-Way
- Preliminary & Final Plans
- Environmental
- Hydraulic Models & Analyses
- Project Management
- 25 state projects on a compressed schedule



Firm Name	**Burk-Kleinpeter, Inc.**			Discipline(s)*	**Road / Bridge**
Project name	**8. Earhart Blvd (LA 3139) / Causeway (LA3046) Interchange**			Firm responsibility (prime or sub?)	**Prime**
Project number	**SPN H.002861**	Owner's name	**LADOTD**		
Project location	**Metairie and Jefferson, LA**			Owner's Project Manager	**Christina Brignac**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1394 / christina.brignac@la.gov**				
Services commenced by this firm (mm/yy)	**04/11**	Total consultant contract cost ($1,000's)			**$7,812**
Services completed by this firm (mm/yy)	**12/26 (est)**	Cost of consultant services provided by this firm ($1,000's)			**$6,278**

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

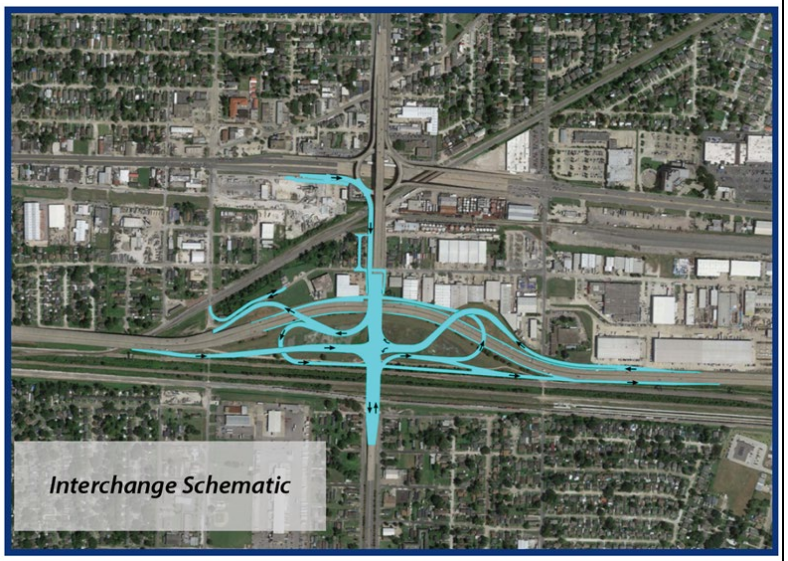
Firm Role: As prime, BKI was responsible for conducting the Supplemental Environmental Assessment (SEA) of the Earhart Expressway (LA 3139) and Causeway Boulevard(LA 3046) improvement and was also responsible for providing all engineering services to design a new interchange. Prime Consultant provided rating & evaluation with recommendations addressing deficiencies of existing bridge structures.

BKI MEMBERS
Rene, A. Chopin, III. PE
Andrew R. Jensen, PE
Henry M. Picard, III, PE, PLS
David E. Boyd, PE
Rene A. Chopin, IV, PE
Renee M. Poole, PE
Bailee L. Hurm, EI

Project Description: This project includes a full interchange providing all directions of movement between the two corridors. The interchange is within a very compact footprint with unique geometric challenges and features seven new ramps, including at-grade roadways and bridge structures. Six of the eight movements were under free flow conditions and two will function under a signal controlled condition. An elevated signalized intersection was used for the concurrent left turn movements from eastbound Earhart Expressway to southbound Causeway Boulevard and from westbound Earhart Expressway to southbound Causeway Boulevard.

The project provided improved connectivity between major regional employment centers located in the Earhart Expressway and Causeway Boulevard corridors. The interchange has created another link between Earhart Expressway and Interstate 10 via Causeway Boulevard. The existing Causeway Boulevard and Earhart Expressway Bridges were evaluated and rated using Load Resistance Factor Rating (LRFR). BKI developed recommendations and designs to correct any deficiencies found.

Project Relevance
- Urban Road & Bridge Design
- Drainage Design
- Water & Sewerage Relocations
- Suggested Sequence of Construction
- Determined ROW limits
- Delivered Geometric Design with all horizontal, vertical & cross-section elements up front for a detailed geometric review prior to beginning preliminary plans.
- Prepared Preliminary & Final Plans for Roadway & Bridge
- Water & Sewer Relocation Plans
- Identified all Waivers & Design Exceptions required for the project
- Drainage Design included integration with complex urban drainage network - had to be evaluated for phased construction of the project


Interchange Schematic

Firm Name	**Civil Design and Construction, Inc.**	Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**9. US 190 Superstreet**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.005733.5**	Owner's name	**LADOTD**
Project location	**St. Tammany Parish, LA**	Owner's Project Manager	**Josh Harrouch**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, Louisiana, 70802 / 225-379-1232 /** Joshua.harrouch@la.gov		
Services commenced by this firm (mm/yy)	**01/16**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**08/16**	Cost of consultant services provided by this firm ($1,000's)	**$207**

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

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

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

Performed in LA: 100%

CD&C MEMBERS
Karla Weston, PE
Ralph Burgess, PLS
Christopher Ballard, PLS
Philip Dupree
Jacob Stoehr
Trent Norris

Firm Name	**Civil Design and Construction, Inc.**	Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**10. I-20 UPRR Overpass**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.012027.5**	Owner's name	**LADOTD**
Project location	**Shreveport, LA**	Owner's Project Manager	**Thomas Gattle (Huval & Assoc.)**
Owner's address, phone, email	**922 W. Point Des Mouton Rd., Lafayette, LA 705007 / 337-234-3798 / tgattle@tgattle@huvalassoc.com**		
Services commenced by this firm (mm/yy)	**01/23**	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)	**$281**

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

Project Description: CD&C, Inc. was a sub-consultant on this project. CD&C, Inc. performed a full topographic beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound 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. The survey total distance was 2.03 miles with a width of approximately 350 feet. This included 1 mile along Highway 79 with a width of 300 feet.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Final submittal was in accordance with latest LADOTD Location and Survey standards.

Performed in LA: 100%

CD&C MEMBERS
Karla Weston, PE
Christopher Ballard, PLS
Madison Mills, PLS
CJ Goodspeed, SUE PM
Scott Benton
Alex Wells
Jason Stoehr
Drennon Humphreys

Firm Name	**Civil Design and Construction, Inc.**	Past Performance Evaluation Discipline(s)*	**Survey**
Project name	**11. 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
Ralph Burgess, PLS
Christopher Ballard, PLS
John Ewing
Jason Stoehr

Firm Name	**APS Engineering and Testing, LLC**			Discipline(s)*	**Geotech**
Project name	**12. I-10 Widening LA 415 to Essen LN**			Firm responsibility (prime or sub?)	**Sub**
Project number	**H.004100**	Owner's name	**LADOTD**		
Project location	**Baton Rouge, LA**			Owner's Project Manager	**Kristy Smith, PE**
Owner's address, phone, email	**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)	**09/24**	Cost of consultant services provided by this firm ($1,000's)			**$400**

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

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

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

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

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

Firm Name	**APS Engineering and Testing, LLC**			Discipline(s)*	**Geotech**
Project name	**13. 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.)

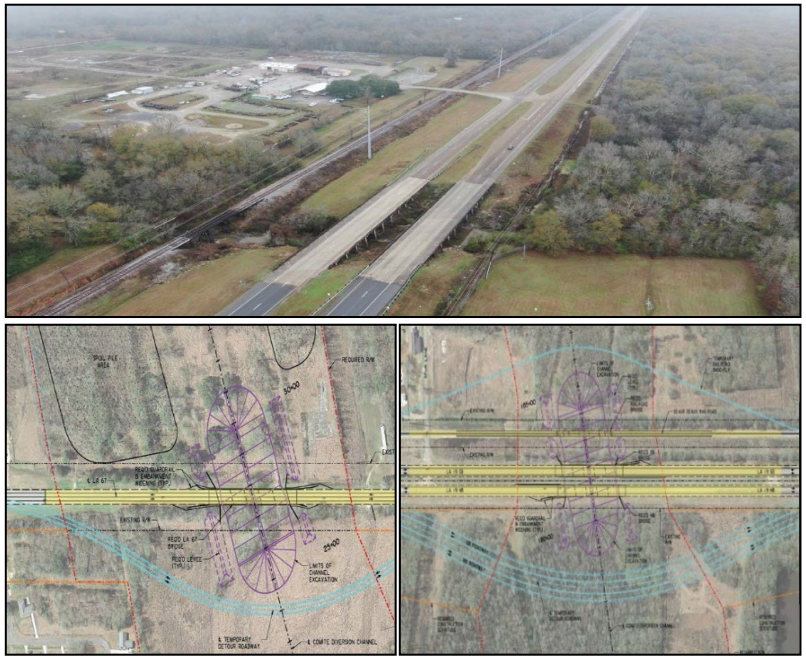
Geotechnical investigation to provide the client with necessary information for planning and building of LA-19 bridge (slope- stability/embankment), LA-19 RR bridge (embankment/MSE wall settlement/retaining wall), LA-19 twin bridges (PPC piles), LA-67 bridge (drill shafts). APS drilled and sampled a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

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

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

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

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



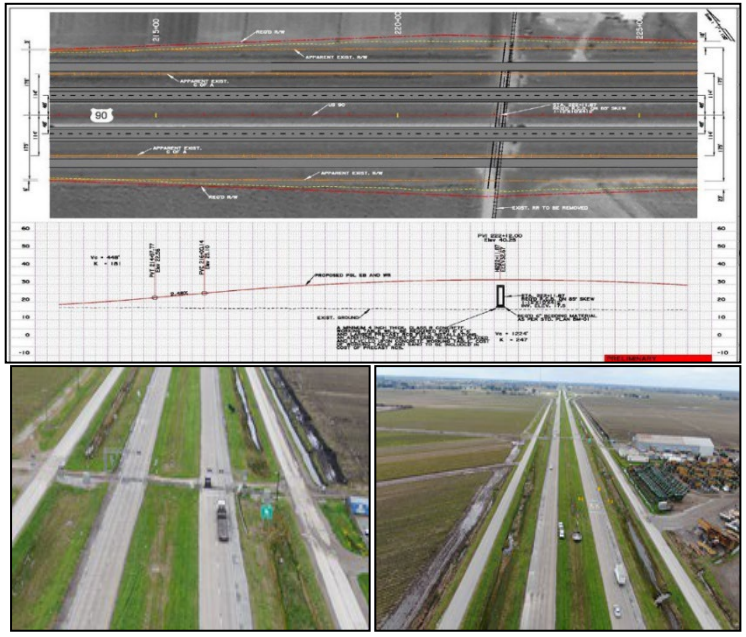
Firm Name	**APS Engineering and Testing, LLC**	Discipline(s)*	**Geotech**
Project name	**14. US-90 Railroad Overpass (S. East of LA-85)**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.010155**	Owner's name	**LADOTD**
Project location	**Iberia Parish, LA**	Owner's Project Manager	**Nicci D. Gill**
Owner's address, phone, email	**13016 Justice Ave., Baton Rouge, LA 70816/ 225-296-1335/ ngill@skanger.com**		
Services commenced by this firm (mm/yy)	**11/19**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**12/23**	Cost of consultant services provided by this firm ($1,000's)	**$105**

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

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

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

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



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

Firm Name	**Urban Systems, Inc**	Discipline(s)*	**Traffic**
Project name	**15. LA 67 (Plank Road) Bridge over US 61 (Airline Highway) Level 3 TMP**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.015424.5**	Owner's name	**LADOTD**
Project location	**East Baton Rouge Parish, LA**	Owner's Project Manager	**Mark Elkassouf**
Owner's address, phone, email	**1201 Capital Access Rd., Baton Rouge, LA 70802-4438 / 225-379-1200 / mark.elkassouf@la.gov**		
Services commenced by this firm (mm/yy)	**08/23**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**05/24**	Cost of consultant services provided by this firm ($1,000's)	**$29.6**

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

Urban Systems prepared a Level 3 Traffic Management Plan (TMP) to facilitate repairs on LA 67 (Plank Rd) over US 61 (Airline Hwy) in East Baton Rouge Parish. The TMP, designed in alignment with LADOTD EDSM No. V1.1.1.8, addresses potential challenges and strategies to mitigate traffic delays due to lane and roadway closures within the construction zone, as well as on primary detour routes. The scope of the TMP includes several key tasks:

Traffic Data Collection: Using LADOTD-provided 2018 AM and PM volumes, Urban Systems collected additional 7-day, 24-hour traffic counts, including vehicle classifications at critical points: Plank Rd NB at Airline Hwy NB onramp, Airline Hwy WB near Beechwood Dr, and Airline Hwy WB off-ramp west of Plank Rd NB exit. Peak turning movement counts (TMCs) were collected during AM, MIDDAY, and PM peak hours at the Plank Rd and Harding Blvd intersection. Deliverables included traffic volume printouts in 15-minute intervals, peak hour summary tables, and schematic diagrams showing count locations and data.

Existing Levels of Service Determination: Using Highway Capacity Manual (HCM) procedures, Urban Systems assessed existing Levels of Service (LOS) during peak hours at the Plank Rd and Harding Blvd intersection using HCS software. Deliverables included metrics such as Delay, 95% Queuing, and Volume/Capacity (V/C) ratios for each approach.

Safety Analysis: A safety assessment was conducted using three years of crash data to establish a Baseline Safety Performance review for Plank Rd within the project limits. Collision data were analyzed and compared to statewide averages, identifying potential mitigations to enhance construction zone safety.

Alternate Route Analysis: Urban Systems evaluated detour routes based on collected traffic data, using HCS software to assess LOS at signalized intersections along the detour. Mitigations were proposed to address potential capacity and safety issues on detour routes.

Traffic Management Plan Document Preparation: A Draft Level 3 TMP document, including a Public Information Plan, was prepared and submitted to LADOTD in PDF format. The Public Information Plan outlined necessary steps for communicating road closure schedules and durations to the public.

Stakeholder Involvement: Key stakeholders were identified, and Urban Systems collaborated with them to minimize project impact on local businesses and the public. A stakeholder meeting was held at DOTD, during which the TMP and traffic control plans were presented. Minutes from the meeting were recorded and submitted for review.

Urban Systems' TMP for LA 67 over US 61 ensures a well-coordinated approach to managing traffic disruptions and enhancing safety for all road users within the project area.

URBAN MEMBERS
Alison Michel, PE
Nicole Stewart, PE
Christine Darrah, PE
Matthew Morgan, PE
Ryan Wade

Firm Name	**Urban Systems, Inc**	Discipline(s)*	**Traffic**
Project name	**16. US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design / Build**	Firm responsibility (prime or sub?)	**Sub**
Project number	**4400002184**	Owner's name	**LADOTD**
Project location	**Port Allen, West Baton Rouge, LA**	Owner's Project Manager	**Peggy Jo Paine, PE**
Owner's address, phone, email	**1201 Capital Access Rd., Baton Rouge, LA 70802-4438 / 225-379-1200 /** peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	**01/14**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**08/19**	Cost of consultant services provided by this firm ($1,000's)	**$23.6**

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

Urban Systems, Inc. was part of the Design/Build team under the engineering task for this project. The project included upgrading a portion of US 90 from a four-lane facility to a six-lane facility with controlled access. The project also included providing a system of frontage roads to provide connectivity. Urban Systems was responsible for a variety of tasks including developing a signage plan, traffic signal plans, temporary traffic control plans (TCDP), traffic analysis and a Level 3 Traffic Management Plan (TMP) based on **LADOTD EDSM VI.1.1.8**.

Signage and Traffic Signal Plans: As part of the definitive design portion of this project, USI developed signage and traffic signal plans based on LADOTD requirements. The traffic signal plans were also developed in the latest LADOTD TSI format. These plans were updated during the construction phase of the project as unforeseen issues arose. USI worked closely with the contractor, team members and local entities throughout the construction phase.

Temporary Traffic Control Plans (TCDP): Temporary traffic control plans were developed for the various phases of construction. These plans also included temporary traffic signals for some of the phases. These plans were developed to meet the current LADOTD standards. Additional traffic control plans were developed during the construction phase of the project as required by the contractor. Some of these plans involved complicated detours and devices to maintain access while completing construction.

Traffic Study and TMP: Traffic analysis was conducted to determine the impact construction, and the proposed configuration would have on traffic conditions. Traffic volumes were re-routed for each phase on construction and capacity analysis was conducted for each scenario. A safety analysis was prepared for the study US 90 roadway segment, LA 182-roadway segment, and the US 90 at Albertsons Parkway/St. Nazaire Road intersection based on the guidelines set forth by LADOTD in Part III: Guidelines for Conducting a Safety Analysis for Transportation Management Plans and Other Work Zone Activities, May 2013. The purpose of this analysis was to assess the safety impacts of the construction activities within the project area and mitigate the impact on the state highway. Mitigation strategies were also identified to minimize work zone impacts for incident management to increase construction zone safety.

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

Firm Name	**Urban Systems, Inc**			Discipline(s)*	**Traffic**
Project name	**17. MacArthur Interchange Completion**			Firm responsibility (prime or sub?)	**Sub**
Project number	**JP 2001-004-RB**	Owner's name	**LADOTD**		
Project location	**Harvey, Jefferson Parish, LA**			Owner's Project Manager	**Jefferson Parish**
Owner's address, phone, email	**1221 Elmwood Blvd., Ste 1002, Jefferson, LA 70123 / (504) 736-6607 / MDrewes@jeffparish.net**				
Services commenced by this firm (mm/yy)	**09/10**	Total consultant contract cost ($1,000's)			**N/A**
Services completed by this firm (mm/yy)	**08/11**	Cost of consultant services provided by this firm ($1,000's)			**$93.3**

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

Traffic Study: Urban Systems prepared a technical report which evaluated the existing operating conditions of the lower Westbank Expressway and analyzed the effect of modifications associated with the Mac Arthur Interchange project in Harvey, LA.

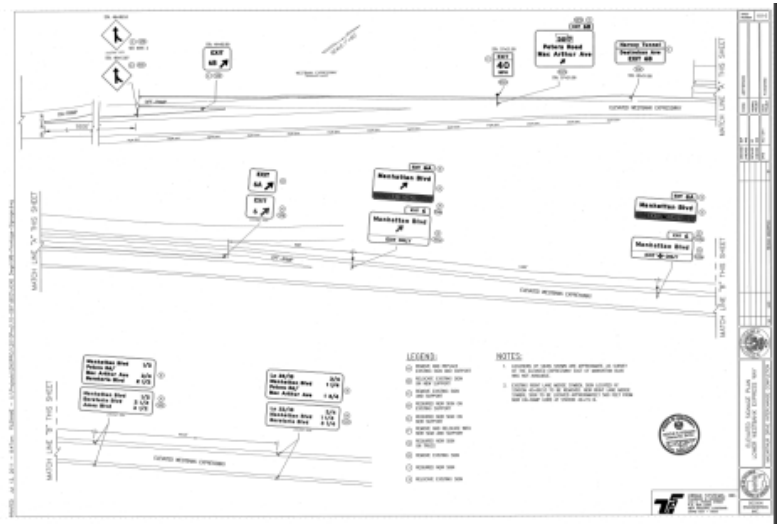
Traffic Control Devices Plans: Traffic Control Plans were developed for Phase 1 – Stages 1 through 4 and Phase 2 - Stages 1 and 2. The plans included the placement of traffic control devices and striping to facilitate traffic safely and efficiently through the traffic control zone. This included lane closures on both the Lower and Elevated West Bank Expressway. Signal Modifications were also included for the three signalized intersections within the study area.

Traffic Signals: New traffic signals were designed for both Maplewood and Brown at Lower Westbank Expressway. A two-hundred-foot median separated the east and westbound approaches of both intersections. The Maplewood Intersection signal was designed to operate with phasing to accommodate the new off ramp that tied into the Lower Westbank expressway at the westbound approach.

Permanent Striping: Striping plans were developed for the Lower and Elevated West Bank Expressway in accordance with DOTD specifications and Standard Details. The striping plans included pavement markings at intersections and on roadways with site specific details for the on and off ramp gore areas.

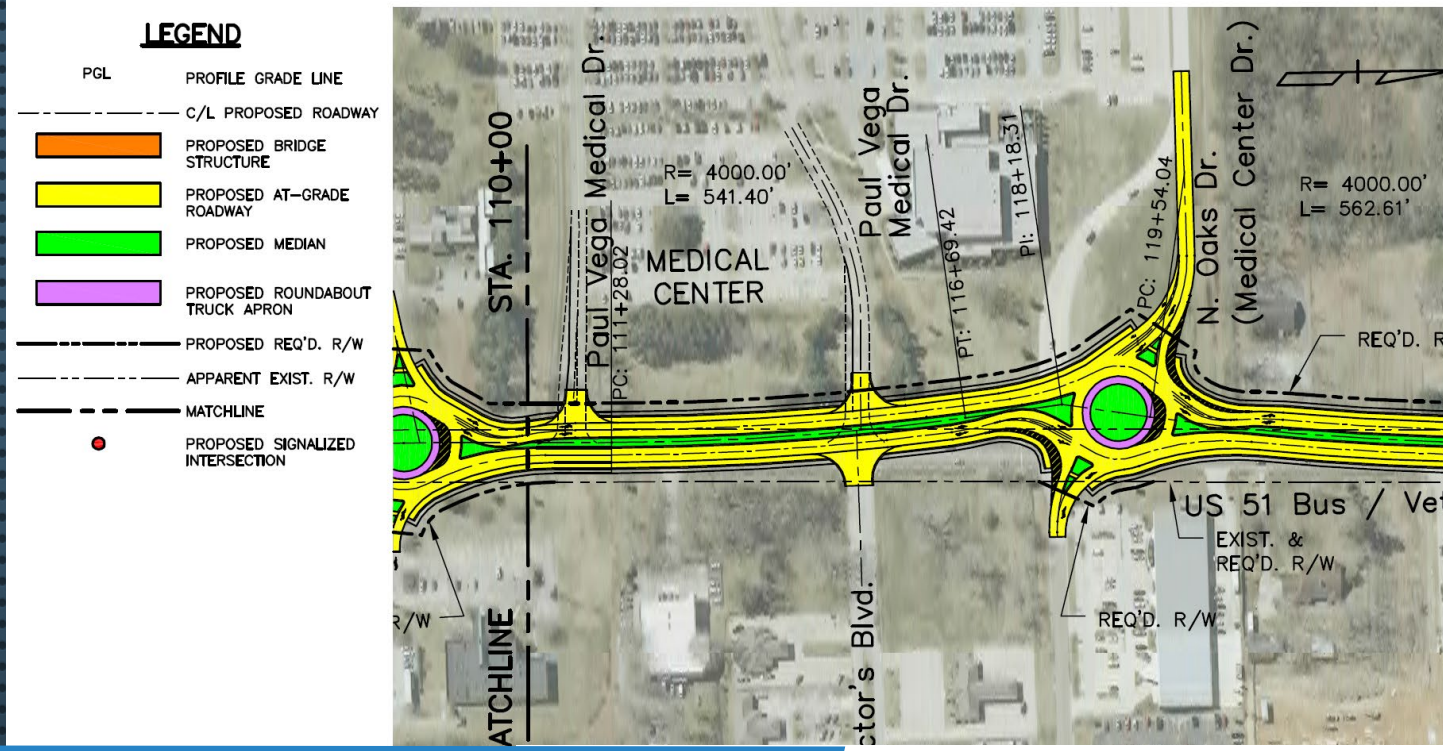
Permanent Signage: Permanent signage plans were prepared for the Westbank Expressway in accordance with DOTD specifications and Standard Details using the latest version of GuidSIGN. Guide Signs were designed to advise motorists of the new Mac Arthur Interchange. The design of each sign included size, color, sign supports and sign placement.

URBAN MEMBERS
Alison Michel, PE
Nicole Stewart, PE
K. Pham



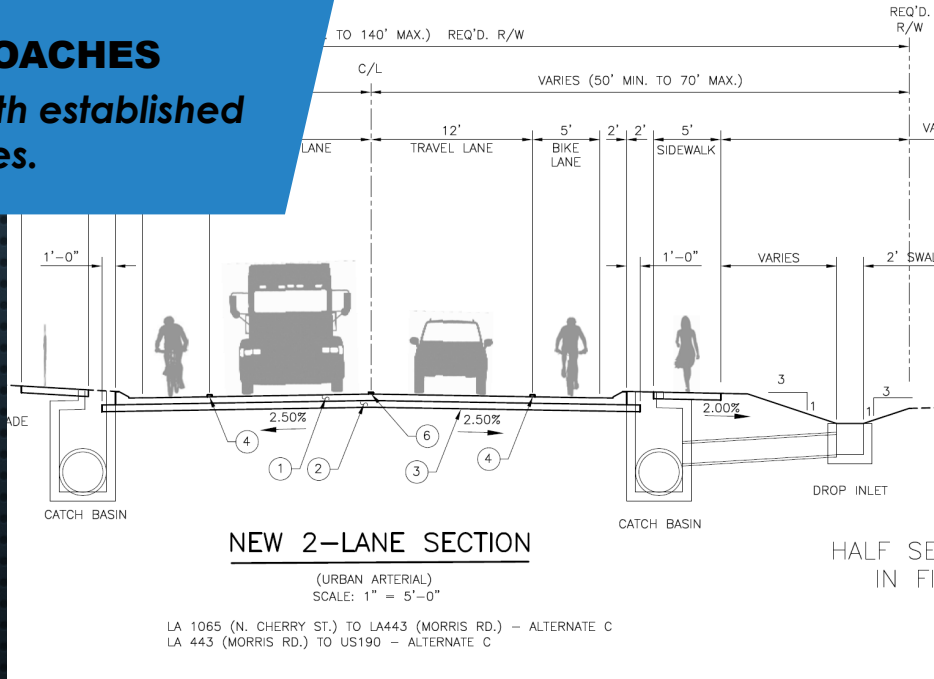
SECTION

18



WE HAVE A PROVEN YET INNOVATIVE APPROACHES

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



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

Project Understanding

A. Firm Experience

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 single-lane 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.

B. Understanding of Project Scope

The N-Y team understands the importance of design and safety improvements to state roadways. N-Y is ready to work with District 62 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 Task Orders under compressed schedules. We will work with our team to complete all tasks from surveying to preparation of construction plans, working closely with LADOTD District 62. We understand the projects will vary in scope and duration **and may also include safety improvements such as median improvements, turn lanes, restricted access and left turns, alignment improvements, signage and signalization.**

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 within District 62.

C. Project Approach

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

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

Project Methodology

N-Y will follow the scope of services and the procedures outlined in the LADOTD Road Design Manual, including: the 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.

A. 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.

B. Field Reconnaissance

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

C. Topographic Surveys & Geotechnical Borings

CD&C will perform 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 and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LADOTD.

APS will provide any required geotechnical engineering services.

For projects that include 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.

D. Preliminary / Final Roadway Design and Probable Cost

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 submittal milestone.

a. 30% Preliminary Plans

i. Conduct field reviews, update design criteria and minimum design guidelines.
ii. Topographic survey, including apparent right-of-way and traffic data.
iii. Pavement design, soil boring and pH/ resistivity data and utility review.
iv. 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.

b. 60% Preliminary Plans

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

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

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

d. 100% Preliminary Plans

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

e. 60% Final Plans

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

f. 95% Final Plans

i. Revise based upon comments received in 60% Final Plan Review.
ii. Revise preliminary cost estimates and summary tables.

iii. Final QA/QC Check, Constructability review form and Special Provisions.
iv. Assemble Plans and do pre-advance check prints review (90% Final)

g. 98% Final / 100% Final Plans

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

E. Hydraulic Analysis and Design

N-Y will provide the hydraulic analysis and design of the necessary drainage features as specified in the LADOTD Hydraulics Manual to provide adequate drainage along the roadway and surrounding areas. At this point, no new major drainage is anticipated, but the N-Y team is more than capable of designing any required roadway drainage structures.

F. Quality Assurance

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

G. 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.

H. 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.

I. Construction Support

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

J. Conclusion

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

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

N-Y and BKI are prepared to work as an integrated team on which District 62 can rely as needed as an efficient extension of its own staff.

Sample Project Schedule

IDIQ Contract for Design Services
Contract No. 4400031651

TASKS	MONTHS											
	1	2	3	4	5	6	7	8	9	10	11	12
PROJECT SCHEDULE												
Assemble and study existing data: As-Built Plans/ Boring Information/ Traffic Data / etc.												
Site Visit / Field Reconnaissance												
NTP for Stage 3, Part I												
Perform Topographic Survey												
Traffic Counts (if needed)												
Prepare location plan for borings (if needed)												
PREPARATION OF PRELIMINARY PLANS (Includes submittal of Hydraulic Report, 50% Plans, Pre Plan-in-Hand (PIH) Set, PIH Set, Post PIH Set, R/W requirements (if needed) and Reviews)												
Pre-Design Conference & NTP for Stage 3, Part III												
Perform sampling and/or testing and reporting of borings (if needed)												
Submit Preliminary Plans for review												
Pre Plan-in-Hand submittal												
Submit Design Report, Design Exceptions, Design Waivers & Storm Water Pollution Prevention Plan form												
Plan-in-Hand submittal with Constructability/Biddability form, addressing review comments.												
PIH												
Post Plan-in-Hand submittal												
PREPARATION OF FINAL PLANS (Includes submittal of Pre-Advance Check Prints, Advance Check Prints, Revised Post Advance Check Prints, and Tracings)												
Submit Pre-Advance Check Prints, Advance Check Prints, Revised Post Advance Check Prints, and Tracings												
Complete Preliminary QC Checklist & QA/QC												
Prepare and Submit Opinion of Probable Cost												
Submit Advance Check Prints												
Submit Revised Post Advance Check Prints												
Submit Tracings (Stamped, Signed & Dated with Calcs., & As-designed Load Rating Report)												

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.

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	$529
	Bridge	4400019337/H.014245	Rural Bridge Replacement Initiative - Phase II - LA 119, Natchitoches Parish	$33,362
	Bridge	4400019337/H.014246	Rural Bridge Replacement Initiative - Phase II - LA 1199, Rapides Parish	$812
	Environmental	4400019337/H.014247	Rural Bridge Replacement Initiative - Phase II - LA 399, Vernon Parish	$190
	Bridge	4400019337/H.014248	Rural Bridge Replacement Initiative - Phase II - LA 124, Catahoula Parish	$1,135
	Bridge	4400019337/H.014250	Rural Bridge Replacement Initiative - Phase II - LA 577, Franklin Parish	$420
Burk-Kleinpeter, Inc.	Road	H.002861	Causeway Boulevard Earhart Expressway Interchange Routes LA 3046 & 3139 - Jefferson Parish, LA	$47,534
	Bridge	H.002861	Causeway Boulevard Earhart Expressway Interchange Routes LA 3046 & 3139 - Jefferson Parish, LA	$336,699
	Other: Lighting	H.002861	Causeway Boulevard Earhart Expressway Interchange Routes LA 3046 & 3139 - Jefferson Parish, LA	$11,883
	Road	H.013957	Local Road Rural Bridge Replacement - West Feliciana Parish, LA	N/A
	Road	H.013968	LA 404 Rural Bridge Replacement -Iberville, LA	$1,407
	Bridge	H.013968	LA 404 Rural Bridge Replacement -Iberville, LA	$161
	Environmental	H.013968	LA 404 Rural Bridge Replacement -Iberville, LA	$48
	Road	H.013982	LA 10 Spur, LA 1042: Bridges near Greensburg Rural Bridges Replacement Project - St. Helena Parish, LA	$373
	Bridge	H.013982	LA 10 Spur, LA 1042: Bridges near Greensburg Rural Bridges Replacement Project - St. Helena Parish, LA	$3,249
	Environmental	H.013982	LA 10 Spur, LA 1042: Bridges near Greensburg Rural Bridges Replacement Project - St. Helena Parish, LA	$112
	Road	H.013984	LA 16: Bridges (Isabel to Sun) Rural Bridges Replacement Project - St. Tammany and Washington Parishes, LA	$301
	Bridge	H.013984	LA 16: Bridges (Isabel to Sun) Rural Bridges Replacement Project - St. Tammany and Washington Parishes, LA	$2,626
	Environmental	H.013984	LA 16: Bridges (Isabel to Sun) Rural Bridges Replacement Project - St. Tammany and Washington Parishes, LA	$90
	Road	H.013996	LA 1074, LA 1075: Bridges near Rio Rural Bridges Replacement Project - Washington Parish, LA	$3,230
	Bridge	H.013996	LA 1074, LA 1075: Bridges near Rio Rural Bridges Replacement Project - Washington Parish, LA	$2,977

Burk-Kleinpeter, Inc.	Environmental	H.013996	LA 1074, LA 1075: Bridges near Rio Rural Bridges Replacement Project - Washington Parish, LA	$126
	Road	4400019337/H.014242	Rural Bridge Replacement Initiative H.014242 - LA 124 - Winn Parish, LA	$1,085
	Bridge	4400019337/H.014242	Rural Bridge Replacement Initiative H.014242 - LA 124 - Winn Parish, LA	$931
	Environmental	4400019337/H.014242	Rural Bridge Replacement Initiative H.014242 - LA 124 - Winn Parish, LA	$20
	Road	4400019337/H.014243	Rural Bridge Replacement Initiative H.014243 - LA 472 - Grant Parish, LA	$674
	Bridge	4400019337/H.014243	Rural Bridge Replacement Initiative H.014243 - LA 472 - Grant Parish, LA	$76
	Environmental	4400019337/H.014243	Rural Bridge Replacement Initiative H.014243 - LA 472 - Grant Parish, LA	$15
	Road	4400019337/H.014245	Rural Bridge Replacement Initiative H.014245 - LA 119 - Natchitoches Parish, LA	$171,522
	Bridge	4400019337/H.014245	Rural Bridge Replacement Initiative H.014245 - LA 119 - Natchitoches Parish, LA	$19,461
	Environmental	4400019337/H.014245	Rural Bridge Replacement Initiative H.014245 - LA 119 - Natchitoches Parish, LA	$3,898
	Road	4400019337/H.014246	Rural Bridge Replacement Initiative H.014246 - LA 1199 - Rapides Parish, LA	$1,674
	Bridge	4400019337/H.014246	Rural Bridge Replacement Initiative H.014246 - LA 1199 - Rapides Parish, LA	$190
	Environmental	4400019337/H.014246	Rural Bridge Replacement Initiative H.014246 - LA 1199 - Rapides Parish, LA	$38
	Road	4400019337/H.014247	Rural Bridge Replacement Initiative H.014247 - LA 399 - Vernon Parish, LA	$94,974
	Bridge	4400019337/H.014247	Rural Bridge Replacement Initiative H.014247 - LA 399 - Vernon Parish, LA	$72,927
	Environmental	4400019337/H.014247	Rural Bridge Replacement Initiative H.014247 - LA 399 - Vernon Parish, LA	$1,695
	Road	4400019337/H.014248	Rural Bridge Replacement Initiative H.014248 - LA 124 - Catahoula Parish, LA	$1,396
	Bridge	4400019337/H.014248	Rural Bridge Replacement Initiative H.014248 - LA 124 - Catahoula Parish, LA	$158
	Environmental	4400019337/H.014248	Rural Bridge Replacement Initiative H.014248 - LA 124 - Catahoula Parish, LA	$31
	Road	4400019337/H.014249	Rural Bridge Replacement Initiative H.014249 - LA 126 - Caldwell Parish, LA	N/A
	Bridge	4400019337/H.014249	Rural Bridge Replacement Initiative H.014249 - LA 126 - Caldwell Parish, LA	N/A
	Environmental	4400019337/H.014249	Rural Bridge Replacement Initiative H.014249 - LA 126 - Caldwell Parish, LA	N/A
	Road	4400019337/H.014250	Rural Bridge Replacement Initiative H.014250 - LA 577 - Franklin Parish, LA	$742
	Bridge	4400019337/H.014250	Rural Bridge Replacement Initiative H.014250 - LA 577 - Franklin Parish, LA	$84
	Environmental	4400019337/H.014250	Rural Bridge Replacement Initiative H.014250 - LA 577 - Franklin Parish, LA	$16

Burk-Kleinpeter, Inc.	Road	4400019337/H.014268	Rural Bridge Replacement Initiative H.014268 - LA 4 - Jackson & Caldwell Parishes, LA	$3,458
	Bridge	4400019337/H.014268	Rural Bridge Replacement Initiative H.014268 - LA 4 - Jackson & Caldwell Parishes, LA	$2,881
	Environmental	4400019337/H.014268	Rural Bridge Replacement Initiative H.014268 - LA 4 - Jackson & Caldwell Parishes, LA	$64
Civil Design & Construction, Inc.	Survey	4400027093/H.015949	LA 335	$14,089
	Survey	4400023689/H.013622.5	LSRP Ardenwood Dr	$24,366
	Survey	4400027093/H.015847.5	US90: LA668 - LA318	$128,228
	Survey	4400027093/H.014824.5	US90: 1.6MI S LA317 - 1.2 MI N Wax Lake B	$89,550
	Survey	4400026911/H.013718	LA 23 – Gretna Blvd.	$57,800
APS Engineering and Testing, LLC	CE&I/OV	4400024653/H.01254.6	Wiggins Bayou Bridge	$52,609
	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	$46,490
	Geotech	4400019011/H.012068.5	LA 1026 Creek Bridge	$23,519
	Geotech	4400024653/H.014978.5	Bellard Loop over Untamed Drainage Ditch	$41,723
	Geotech	4400024653/H.016323.5	LA 37 Glass Branch Bridge	$22,005
	Geotech	4400024653/H.016326.5	LA 36 Drain Bridge Pearl	$22,615
	Geotech	4400024653/H.016322.5	LA 81: W-11 Lateral & Bayou Black Bridges	$39,335
	Geotech	4400024653/H.016312.5	LA 3116 Creek Bridges	$59,216
	Geotech	4400024653/H. 016321.5	LA 970 Creek Bridge	$21,058
	Geotech	4400024653/H.016311.5	LA 1123 Box Culvert Creek Bridge	$59,399
	Geotech	4400024653/H.016324.5	LA 1047: Drain Bridge	$22,608
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)	$40,965
	Traffic	4400023909/H.015963.5	US 165: Red River MB Ped Gates	$5,000

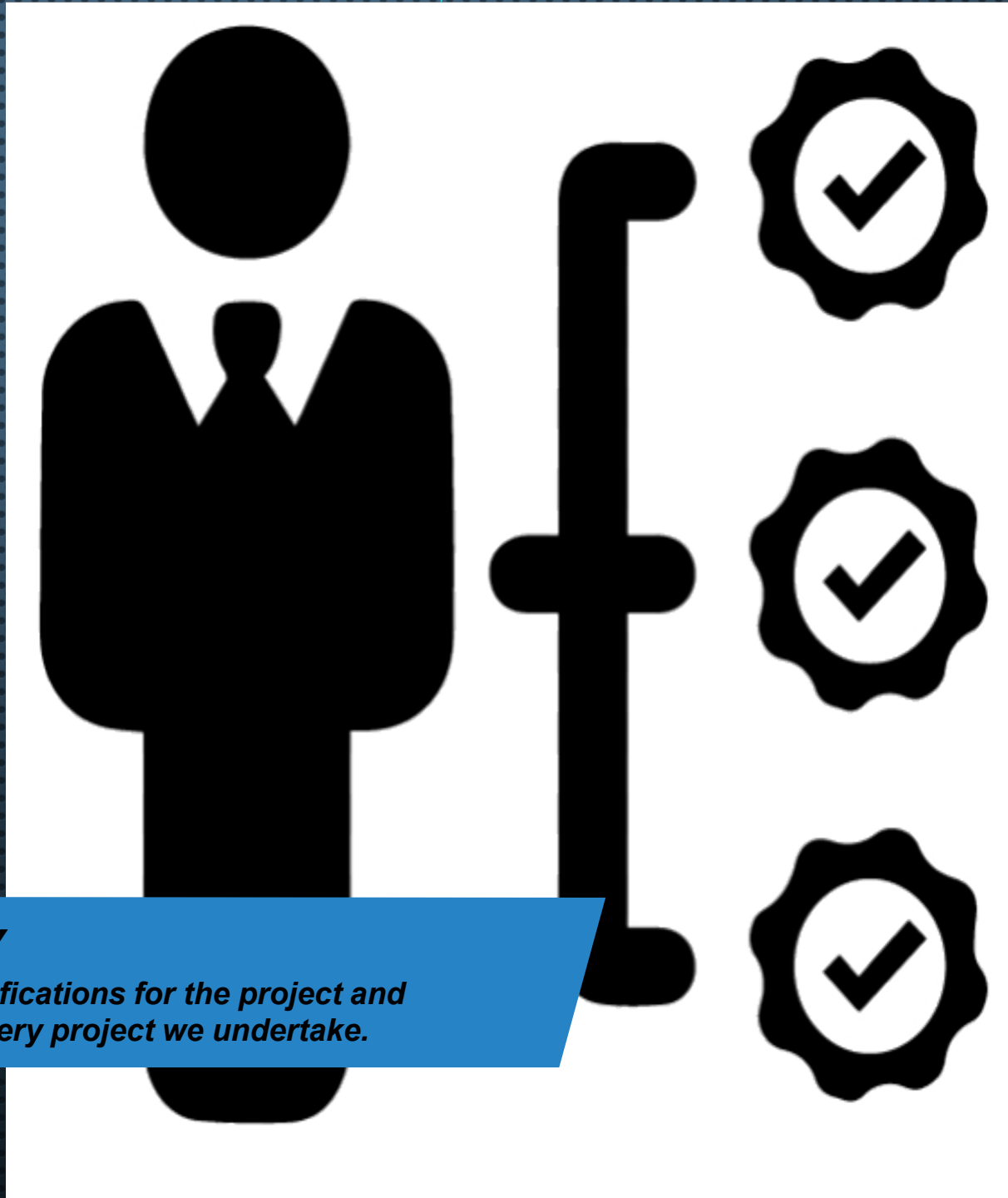
DO NOT SUM

* 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.

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

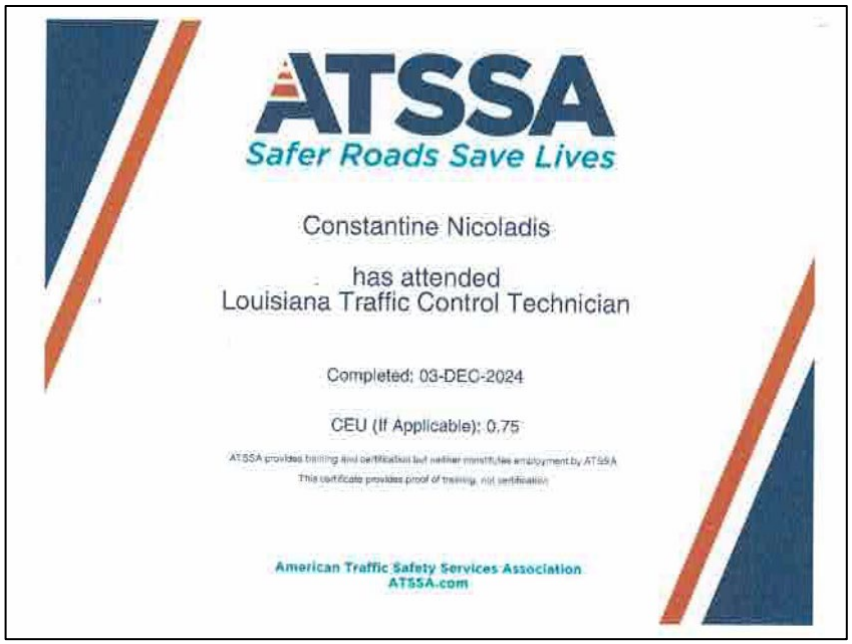
Vice President of Education and Technical Services

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

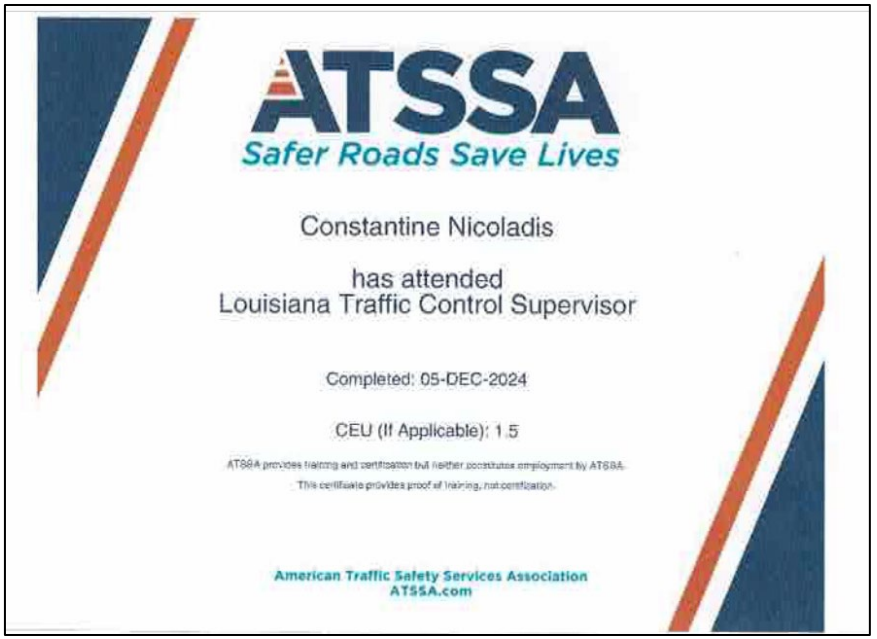
has attended
Louisiana Traffic Control Technician

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

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

New Orleans, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Rene A Chopin III
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

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

Kenner, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Andrew Jensen
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

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

Kenner, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Timothy Koenig
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

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

Kenner, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Rene Chopin IV
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

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

Kenner, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Renee Poole
has attended
Louisiana Traffic Control Technician
Training Course

10/17/2023 to 10/17/2027
Training Valid Through

New Orleans, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Bailee Hurm
has attended
Louisiana Traffic Control Technician
Training Course

10/17/2023 to 10/17/2027
Training Valid Through

New Orleans, LA
Location

Vice President of Education and Technical Services

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Baton Rouge, LA
Location

Director of Training

President, CEO

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

American Traffic Safety Services Association ATSSA.com

Work Zone Training

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

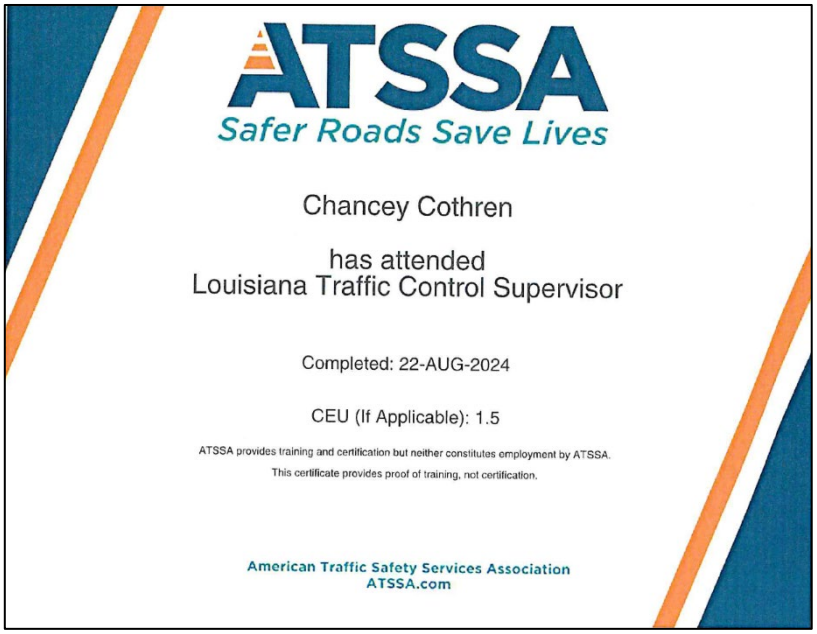
Vice President of Education and Technical Services

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

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

4/27/2022 to 4/27/2026
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.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brad Jacobs
has attended
Louisiana Traffic Control Supervisor
Training Course

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Work Zone Training

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Hunter Smith
has attended
Louisiana Traffic Control Technician
Training Course

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

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

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Sergio Aviles
has attended
Traffic Control Technician Virtual Training
Training Course

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

CEU: 0.75

Director of Training

Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Surendra Pathak
has attended
Traffic Control Supervisor Virtual Training
Training Course

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

CEU: 1.50

Director of Training

Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

Work Zone Training

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Nicole Stewart
has attended
Traffic Control Technician-LA State Specific
Training Course

4/6/2021 to 4/6/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Christine Darrah
has attended
Traffic Control Supervisor-LA State Specific
Training Course

4/7/2021 to 4/8/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF CERTIFICATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Christine Darrah

THIS INDIVIDUAL IS CERTIFIED BY ATSSA AS A

Louisiana Traffic Control Supervisor

This certified individual 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 above designation. 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 4/8/2021
EXPIRATION DATE 4/7/2025
CERTIFICATION# 873755

American Traffic Safety Services Association
ATSSA.com

Certified Flagger Training

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

CHRIS BALLARD

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

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

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000287042

Verify at Flagger.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

MADISON MILLS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

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

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000201560

Verify at Flagger.com

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
Jacob Stoehr
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER
Expiration Date 5/9/2025
State Issued in LA
Instructor Signature
Verification available by calling 1-877-642-4637 or at http://www.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
Expiration Date 5/11/2025
State Issued in LA
Instructor Signature
Verification available by calling 1-877-642-4637 or at http://www.flagger.com


ATSSA
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 — Debbie Purcella (Instructor Name)
Exp. Date 2/2/2026 — Debbie Purcella (Instructor Signature)
State Issued LA

V0000039795 — Verify at Flagger.com


Certificate of Training

this certifies that

Tracey Smith

has successfully completed the training program requirements for

National Flagger Certification Training Course

Awarded on this 14th day of July 2022

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


ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

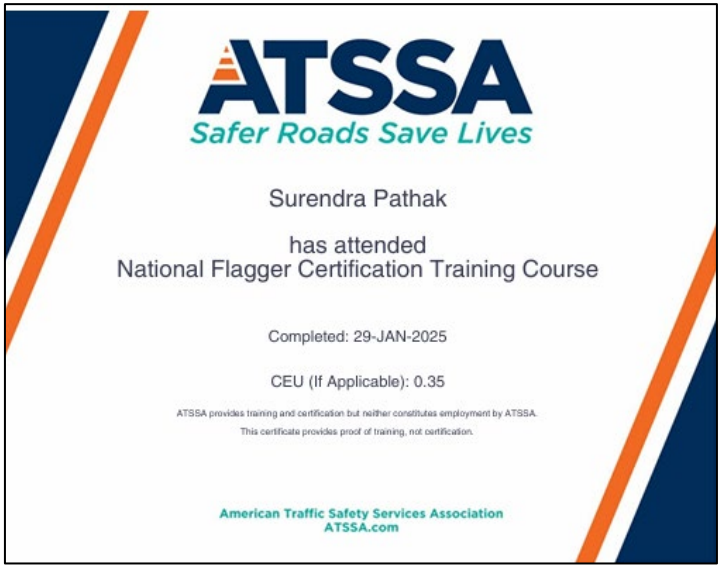
This is to affirm that

Sergio Aviles

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 12/7/2022 — ATSSA (Instructor Name)
Exp. Date 12/6/2026 — (Instructor Signature)
State Issued Louisiana

A1000114797 — Verify at Flagger.com


ATSSA
Safer Roads Save Lives

Surendra Pathak

has attended
National Flagger Certification Training Course

Completed: 29-JAN-2025

CEU (If Applicable): 0.35

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

American Traffic Safety Services Association
ATSSA.com

Certified Flagger Training

ATSSA American Traffic Safety Services Association

SAFER ROADS SAVE LIVES

This is to affirm that

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.

Highway Safety Manual Workshop

NHI Course No. 142005 - National Environmental Policy Act (NEPA) and Transportation Decision Making

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

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

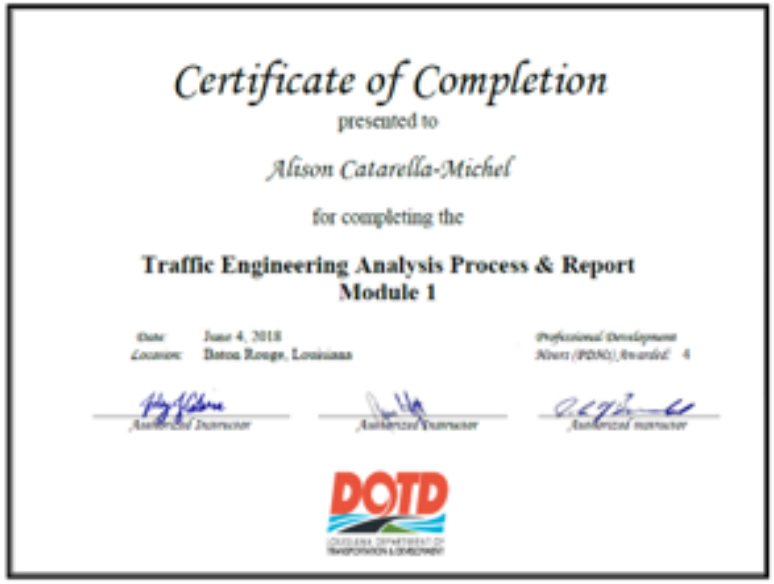
Certification Valid Through: 3/20/2026

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

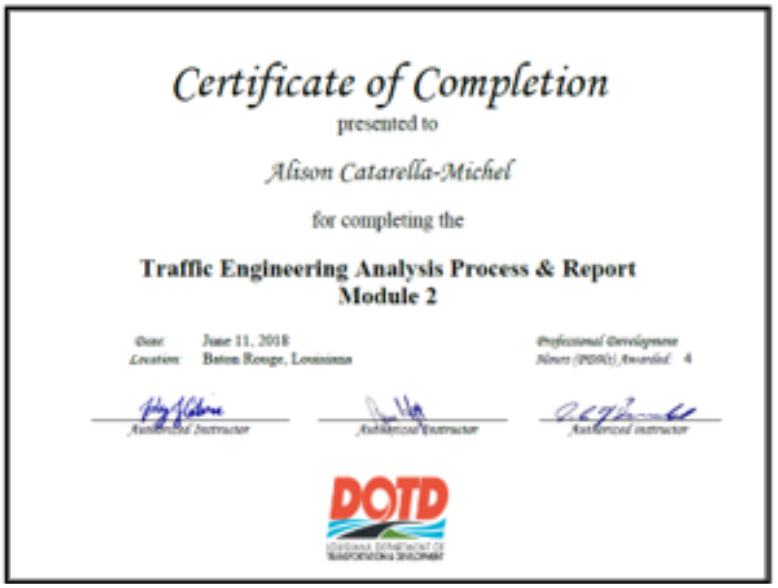
Traffic Engineering Analysis Process & Report
Module 1

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

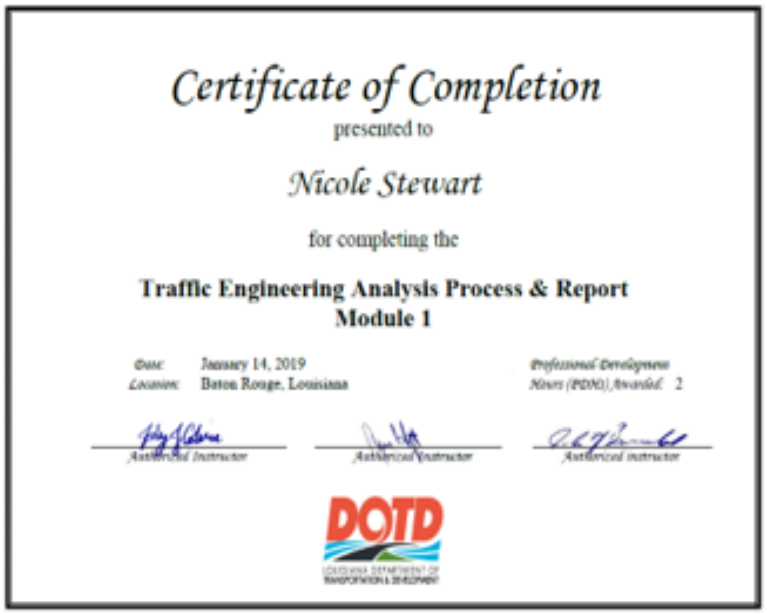
Date: September 10, 2018
Location: Baton Rouge, Louisiana

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

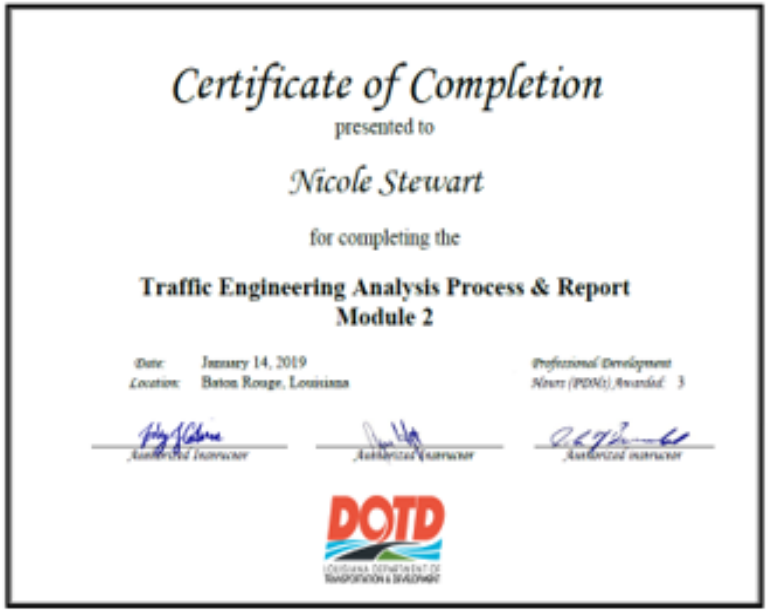
Traffic Engineering Analysis Process & Report
Module 1

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

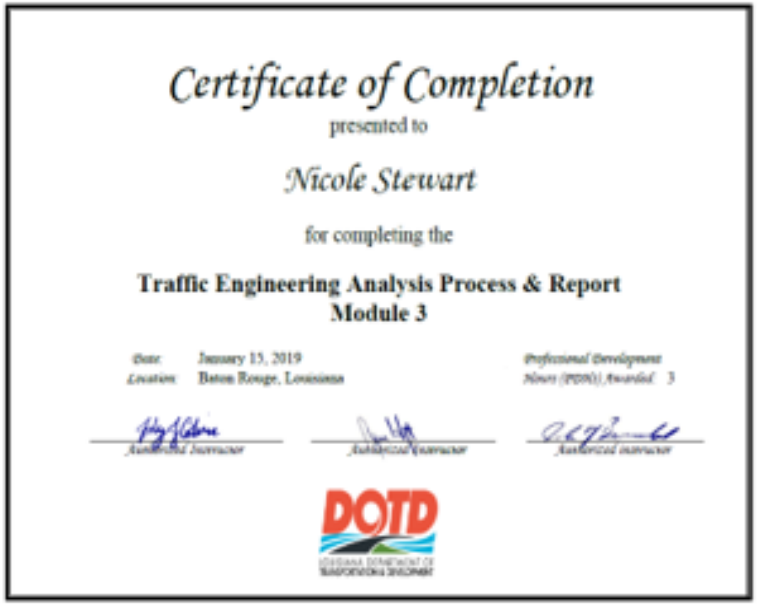
Traffic Engineering Analysis Process & Report
Module 2

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

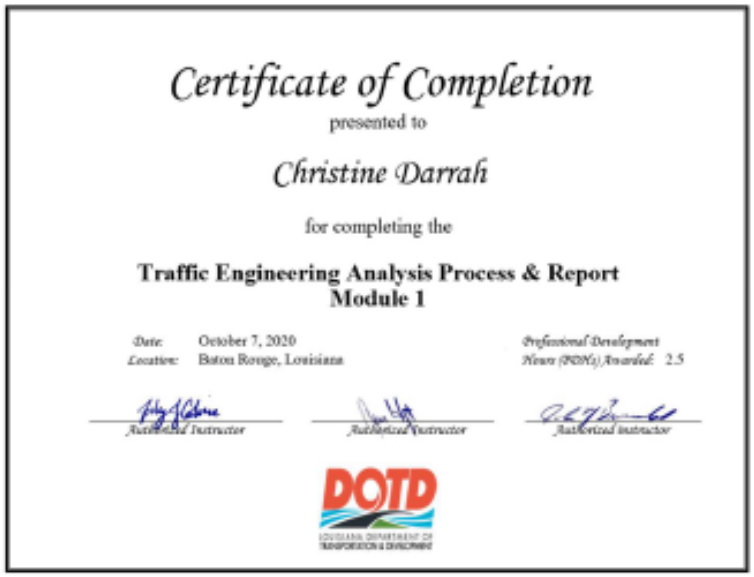
Date: January 15, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Traffic Engineering Process and Report Course offer ed by LTRC



Certificate of Completion

presented to

Christine Darrah

for completing the

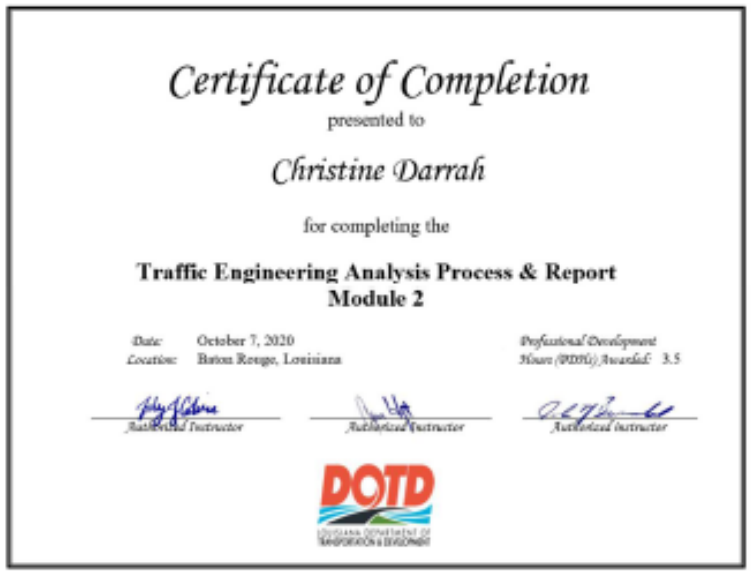
Traffic Engineering Analysis Process & Report
Module 1

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's) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Matthew Morgan

for completing the

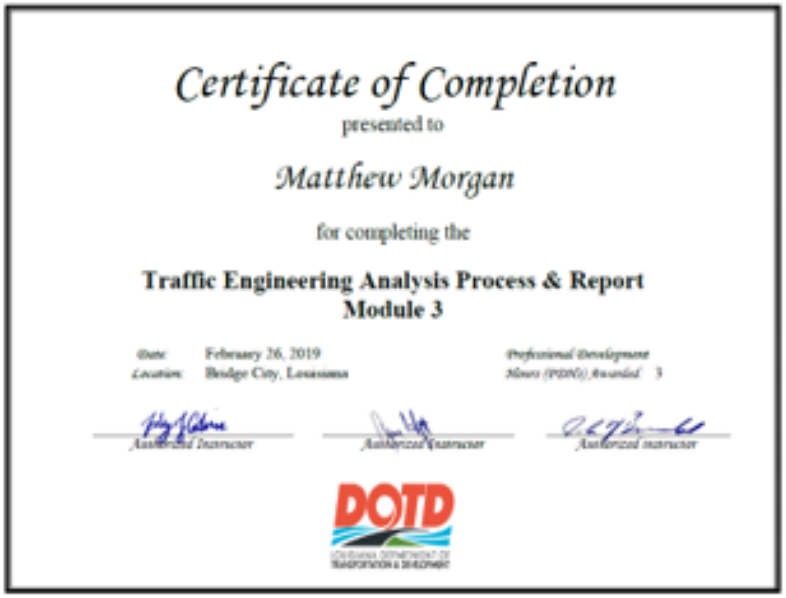
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDH's) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD



Certificate of Completion

presented to

Matthew Morgan

for completing the

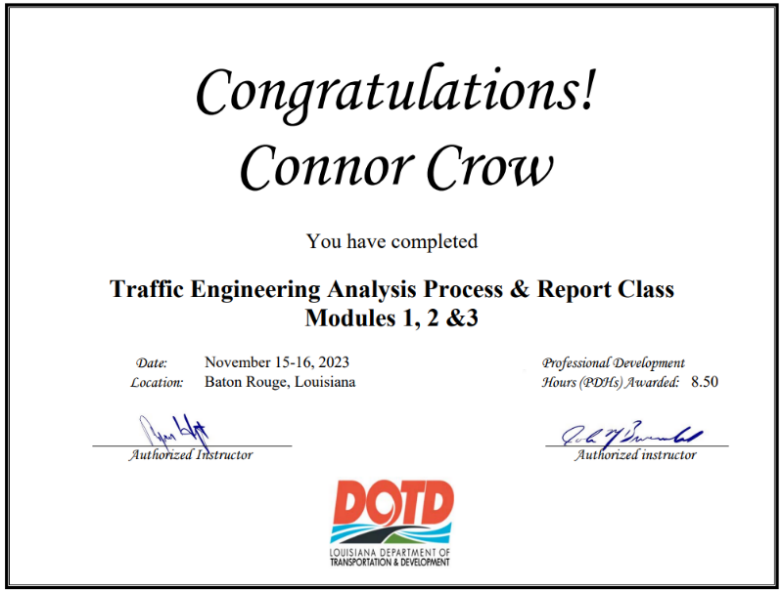
Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDH's) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD



Congratulations!
Connor Crow

You have completed

Traffic Engineering Analysis Process & Report Class
Modules 1, 2 &3

Date: November 15-16, 2023
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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	09/30/2025	Mr. Frank Nicoladis # PE.0005924; Mr. Constantine Frank Nicoladis #PE.0027095

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

Name:	Public Address:
Burk-Kleinpeter, Inc.	2400 Veterans Memorial Boulevard Suite 310 Kenner, Louisiana 70062-8708

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000124	Active	09/12/1984	09/30/2025	Mr. Rene' Adrian Chopin III # PE.0025174

Firm Professional Engineering and Land Surveying Licenses

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

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

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003414	Active	02/27/2006	09/30/2026	Mrs. Karla Ewing Weston # PE.0031010

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

Firm Professional Engineering and Land Surveying Licenses

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

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

License/Certificate Information w/ Supervision

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

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

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

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001342	Active	09/22/1986	03/31/2025	Ms. Alison Marie Catarella Michel # PE.0030261

Louisiana Secretary of State

Louisiana SECRETARY OF STATE NANCY LANDRY

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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

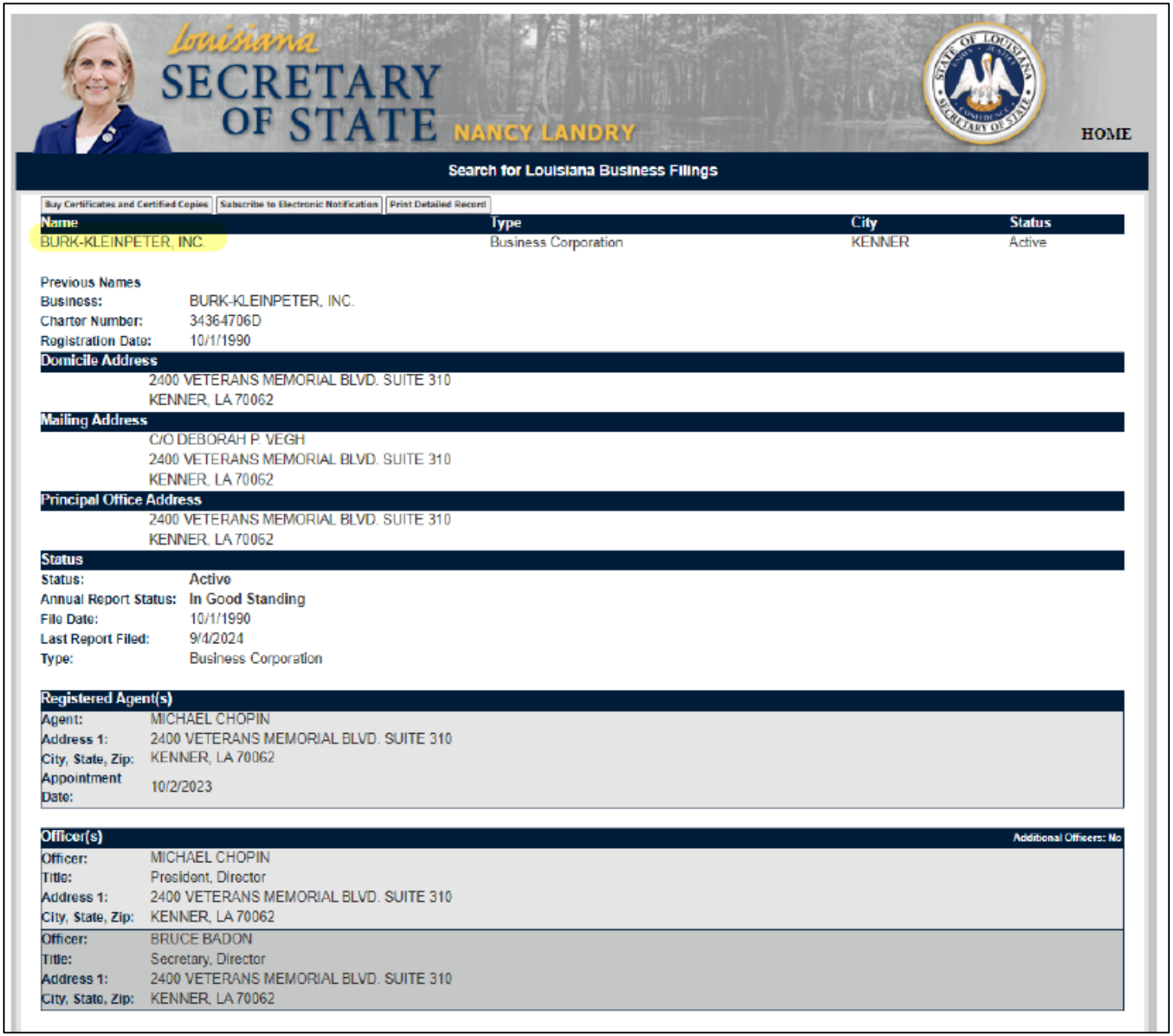
2750 LAKE VILLA DRIVE
METAIRIE, LA 70002

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
BURK-KLEINPETER, INC.	Business Corporation	KENNER	Active

Previous Names
Business: BURK-KLEINPETER, INC.
Charter Number: 34364706D
Registration Date: 10/1/1990

Domicile Address
2400 VETERANS MEMORIAL BLVD. SUITE 310
KENNER, LA 70062

Mailing Address
C/O DEBORAH P. VEGH
2400 VETERANS MEMORIAL BLVD. SUITE 310
KENNER, LA 70062

Principal Office Address
2400 VETERANS MEMORIAL BLVD. SUITE 310
KENNER, LA 70062

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 10/1/1990
Last Report Filed: 9/4/2024
Type: Business Corporation

Registered Agent(s)
Agent: MICHAEL CHOPIN
Address 1: 2400 VETERANS MEMORIAL BLVD. SUITE 310
City, State, Zip: KENNER, LA 70062
Appointment Date: 10/2/2023

Officer(s) Additional Officers: No

Officer: MICHAEL CHOPIN
Title: President, Director
Address 1: 2400 VETERANS MEMORIAL BLVD. SUITE 310
City, State, Zip: KENNER, LA 70062

Officer: BRUCE BADON
Title: Secretary, Director
Address 1: 2400 VETERANS MEMORIAL BLVD. SUITE 310
City, State, Zip: KENNER, LA 70062

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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 NANCY LANDRY

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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)

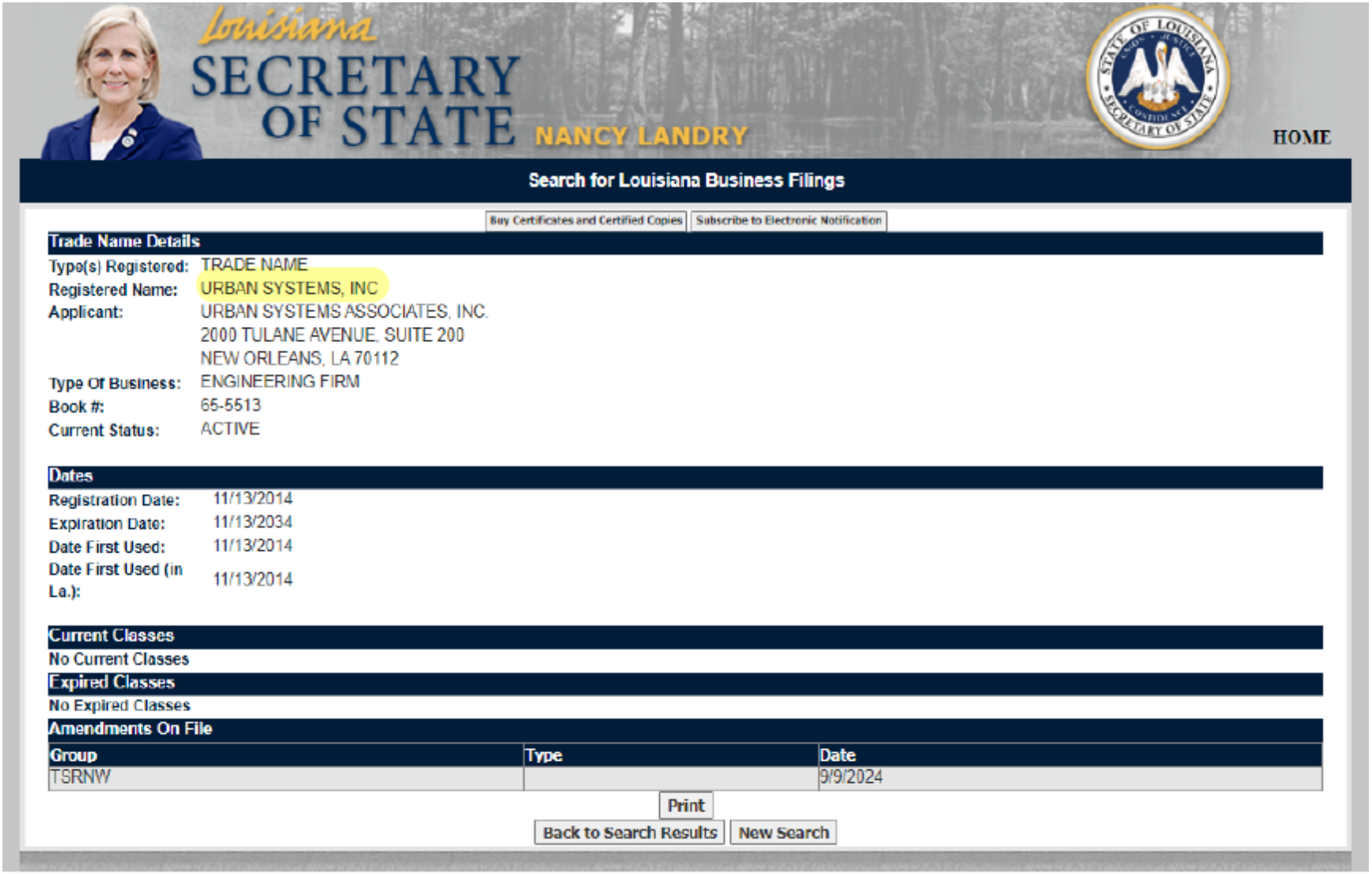
Agent: SERGIO AVILES
Address 1: 5261 HIGHLAND RD. #320
City, State, Zip: BATON ROUGE, LA 70808
Appointment Date: 6/25/2018

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
TSRNW | | 9/9/2024
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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)

Civil Design & Construction, Inc.

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

NC541330, NC541340, NC541350, NC541370

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

Certificate Eligibility: March 2024 to March 2025

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

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 2024 to February 2025

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

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**
Burk-Kleinpeter, Inc.	2400 Veterans Memorial Blvd., Suite 310 Kenner, LA 70062	René A. Chopin, III, PE rchopin@bkiusa.com	(504) 486-5901
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.**