

ST. NAZAIRE RD EXT: LA 96 - CORNE RD LAFAYETTE PARISH

December 21, 2022

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



Submitted by:
N-Y Associates, Inc.





Reply to Metairie Office

December 21, 2022

ESTABLISHED 1969

FRANK NICOLADIS, P.E.	PRESIDENT
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CHERIE B. STIVERS, SMPS	ASSISTANT VICE PRESIDENT

Department of Transportation and Development
Consultant Contract Services Administrator
1201 Capitol Access Road
Baton Rouge, LA 70802

RE: St. Nazaire Road Ext: LA 96- Corne Road
Contract No. 4400025625

N-Y Associates, Inc. (N-Y) is pleased to submit its statement of qualifications in response to the referenced request.

BACKGROUND

Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is actually a fifty-three (53) year-old family owned, multi-discipline firm founded and headquartered in Louisiana. Offering extensive statewide experience, N-Y has been providing planning, engineering and project management services to federal, state, regional, parish and city agencies since 1969. Our staff includes transportation and environmental planners; civil, hydraulic and structural engineers; project managers; construction inspectors and technical support personnel, each of whom offers extensive experience in the planning, design and construction engineering of roadway and bridge improvements as well as feasibility studies and environmental assessments.

We have been working with the Louisiana Department of Transportation and Development (LADOTD) for over 45 years and the Regional Planning Commission (RPC) for over 40 years, providing services for the following types of projects:

- Stage 0: Feasibility Studies, Line & Grade Studies, Environmental Inventories and Corridor Studies
- Stage 1: Environmental Assessments and Environmental Impact Statements
- Land Use and Transportation Master Plans
- Construction Plans and Specifications for Highway and Bridge Projects

N-Y is particularly well qualified and suited for this contract, having successfully completed five (5) Environmental Assessments with Findings of No Significant Impact (FONSI) for the LADOTD (*with an additional one underway but on-hold*), and three (3) Environmental Assessments with a FONSI for the New Orleans Regional Planning Commission (RPC). This experience has provided N-Y's transportation planners and engineers in-depth knowledge of the planning, programming and environmental clearance process; design standards and project management requirements typical to these projects.

TEAM

James E. Simmons, PE, will serve as N-Y's Project Manager. His experience has included leading the **Development of Engineering Alternatives, Geometric Layouts, Line and Grade Studies, Rights of Way and Cost Estimates for NEPA documents.** Mr. Simmons is a Vice President of the firm and has over forty (40) years of experience in the planning, design and construction engineering of roadway and bridge projects. Mr. Simmons has served as the project or deputy project manager on all of N-Y's recent LADOTD projects. Mr. Simmons has completed NHI Course No. 142005 "National Environmental Policy Act (NEPA) and Transportation Decision Making."

Bruce J. Richards, AICP, PTP, GIP, will serve as N-Y's Deputy Project Manager. Mr. Richards is a Vice President of N-Y and the Director of Planning and has over thirty (30) years of experience in transportation planning, feasibility studies, environmental inventories and assessments, environmental impact statements, master plans and traffic impact studies. **He has served as project manager or deputy project manager for eleven (11) N-Y Environmental Assessments and Environmental Impact Statements completed or underway for the LADOTD and RPC.** He is also in the process of managing and completing nine (9) Categorical Exclusions for the LADOTD under the Louisiana Rural Bridges Program and has also managed over ten (10) Stage 0 Feasibility /Environmental Inventory/Corridor Studies for the LADOTD and RPC. Mr. Richards has been in responsible charge of the preparation of planning and NEPA documents by N-Y for the LADOTD and RPC since 1999. He has completed both NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" and the course on Section 106 of the National Preservation Act Offered by the Advisory Council on Historic Preservation in 2002.

Mr. Richards and Mr. Simmons have worked together on all of N-Y's transportation and infrastructure planning projects over the last twenty-three (23) years, including serving as project manager or deputy project manager for the following LADOTD and RPC Environmental Assessments:

- *Stage 1 Environmental Assessment for LA 3234 Extension (LA 1065 to Hammond Airport) in Tangipahoa Parish;*
- *Stage 1 Environmental Assessment for US 51 (LA 22 to Club Deluxe Rd.) in Tangipahoa Parish;*
- *Route LA 408 Hooper Road Extension (LA 408) Stage 1 Environmental Assessment in East Baton Rouge and Livingston Parishes;*
- *Stage 1 Environmental Assessment for LA 23 Widening (Happy Jack to N. Port Sulphur) in Plaquemines Parish;*
- *Ambassador Caffery Parkway North Environmental Assessment in Lafayette Parish;*
- *Lower Harvey Canal Crossing Environmental Assessment in Jefferson Parish;*
- *Environmental Assessment for Causeway/Earhart Interchange, Route LA 3139 in Jefferson Parish;*
- *New Florida Avenue Bridge over the IHNC Environmental Assessment, Orleans and St. Bernard Parishes;*
- *LA 1088/I-12 Interchange Environmental Assessment, St. Tammany Parish;*



Mr. Simmons and Mr. Richards will lead a team of highly seasoned professionals, whose average level of experience is over twenty-five (25) years including **Lydia Jemison, AICP; Constantine F. Nicoladis, PE; Fred Mortali, PE; William Haensel, PE; Om Dixit, PE; Steven Fall, PE; Dennis G. Voss, NICET Level IV; Noah Jackson, CADD and Chris LeMay, CADD/GIS.**

N-Y also has extensive experience managing subconsultants for all required basic and supplemental services. To supplement our in-house staff, we will use the following subconsultant firms, who are experienced working with N-Y and the LADOTD on similar projects.

- **Urban Systems, Inc., a Woman-Owned Disadvantaged Business Enterprise (DBE),** will complete all Traffic Analysis and Traffic Control Design. Urban has worked extensively with N-Y on LADOTD projects over the last twenty years.
- **Coastal Environments, Inc.** will provide support for the environmental tasks including Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeology. Coastal has worked extensively with N-Y on LADOTD and RPC projects for over twenty-five (25) years.
- **Bowlby & Associates, Inc., a Woman-Owned Disadvantaged Business Enterprise (DBE),** will complete all air quality and noise analysis. Bowlby has worked extensively with N-Y on LADOTD projects over the last twenty (20) years.
- **Lakvold Group, Inc., a Woman-Owned Disadvantaged Business Enterprise (DBE),** will complete the Conceptual Stage Relocation Plan.


CONCLUSION

Should we be selected, **Frank Nicoladis, PE** and I will ensure that the resources of N-Y and our subconsultants are efficiently utilized to provide you with excellent service, that your project's schedule and budget are met, and that N-Y's Quality Control Plan is properly implemented.

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

Sincerely,

N-Y ASSOCIATES, INC.



Michael Nicoladis
Senior Vice President

SECTIONS

1-11

WHO WE ARE

N-Y is a Louisiana firm with over 53 years of experience.

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



DOTD FORM: 24-102


(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Firm should fill in the DOTD Form 24-102 provided without altering the text provided in the form; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

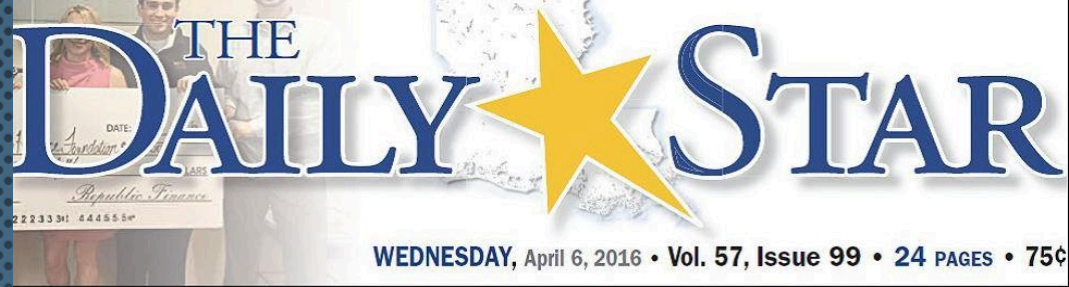
Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	Contract for St. Nazaire Road Extension: LA 96 – Corne Road
2. Contract number(s) as shown in the advertisement	4400025625
3. State Project Number(s), if shown in the advertisement	H. 014622.1
4. Prime Consultant Name (as registered with the Louisiana Secretary of State where such registration is required by law)	N-Y Associates, Inc.
5. Prime Consultant License Number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0000585
6. Prime Consultant Mailing address	2750 Lake Villa Drive Metairie, LA 70002
7. Prime Consultant Physical Address (existing or to be established, if location is used as an evaluation criteria)	2750 Lake Villa Drive Metairie, LA 70002
8. Name, title, phone number, and email address of the Prime Consultant's contract point of contact	Michael F. Nicoladis, Senior Vice 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, Senior Vice 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,	

<p>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.</p>	<p>Signature (shall be the same person as #9):</p>  <hr/> <p>Date: December 21, 2022</p>	
<p>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.</p>	<p><u>Firm(s):</u> Urban Systems, Inc. Bowlby & Associates, Inc. The Lakvold Group, LLC</p>	<p><u>Firm(s)' %:</u> 25% 5% 5%</p>

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 members of our team have successfully worked together on numerous LADOTD environmental projects over the years.








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

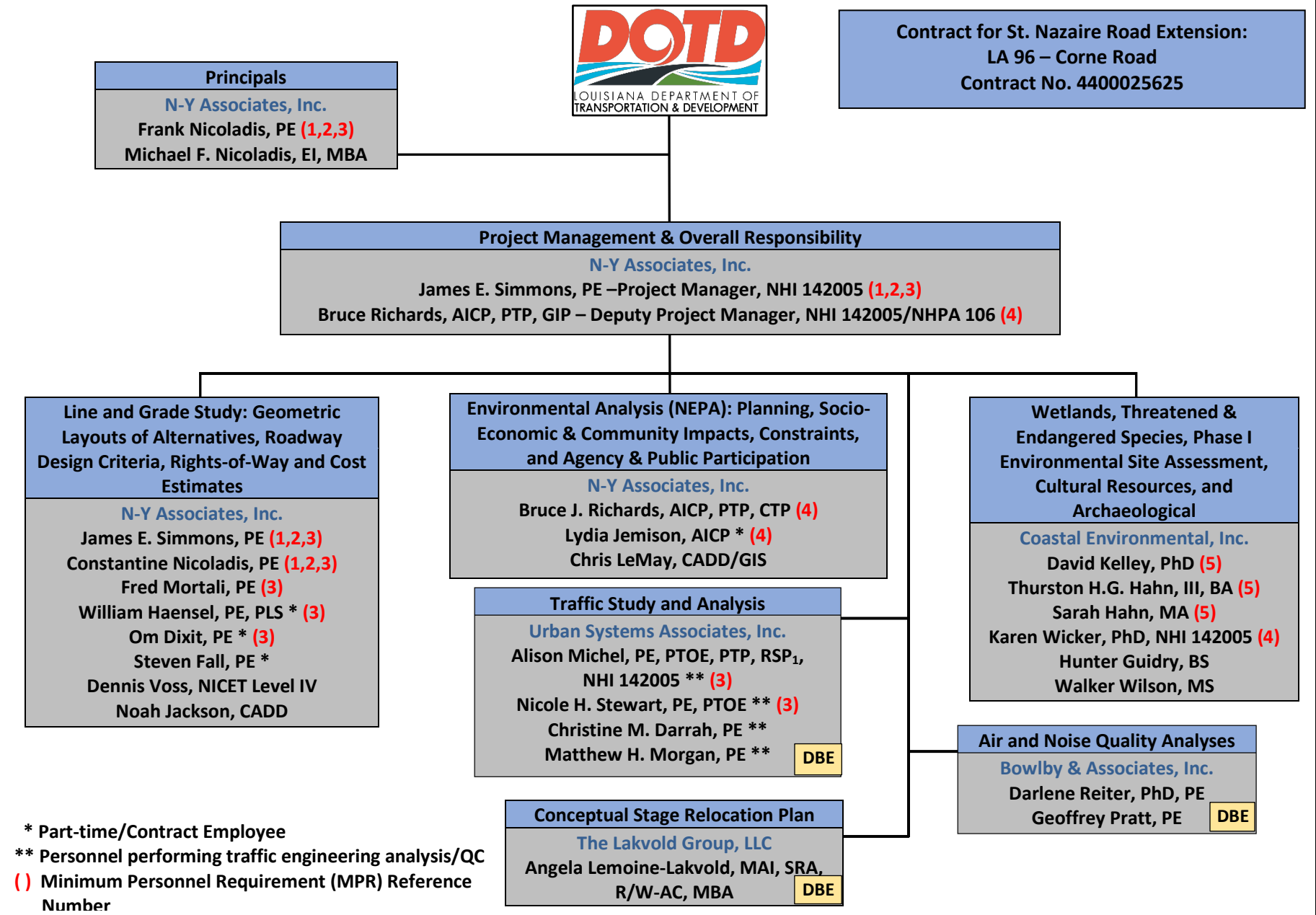
Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 19 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. (Add rows as needed)

Evaluation Discipline(s)	% of Overall Contract	N-Y Associates (Prime)	Urban Systems	Coastal Environmental	Bowlby & Associates	Lakvold Group
Environmental	50%	70%	--	20%	10%	--
Traffic	25%	--	100%	--	--	--
Road	20%	100%	--	--	--	--
Appraiser	5%	--	--	--	--	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%	55%	25%	10%	5%	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 (xxxx)" 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)
 ASSOCIATES, INC. ENGINEERS • ARCHITECTS • PLANNERS PROGRAM & PROJECT MANAGERS	Principal	1	2
	Supervisor - Engineer	1	2
	Engineer	2	6
	Environmental Pro	2	2
	Senior Technician	1	1
	CADD Technician	1	2
	Administrative	1	2
 URBAN SYSTEMS inc.	Supervisor - Engineer	1	1
	Engineer	3	3
	Engineer - Other (P. Eng.)	1	1
	Engineer Intern	1	2
	CADD Technician	1	2
	Technician	1	3
 COASTAL ENVIRONMENTS, INCORPORATED	Archaeologist / Historian	2	12
	Biologist/Wetlands	1	3
	Environmental Pro	1	1
	Environmental Manager	1	4
	GIS Analyst	1	2
 Bowlby & Associates, Inc.	Environmental Manager	1	1
	Environmental Pro	1	2
 THE LAKVOLD GROUP Commercial Real Estate Appraisers 4520 Jamestown Avenue, Suite 1 Baton Rouge, Louisiana 70808 Phone (225) 748-9984 Fax (225) 748-9986 www.thelakvoldgroup.com	Appraiser	1	1

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.



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.					
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 / certification & number	State of license	License / certification expiration date
1	<ul style="list-style-type: none"> Frank Nicoladis, PE Constantine Nicoladis, PE James Simmons, PE *, ** 	<ul style="list-style-type: none"> N-Y Associates, Inc. N-Y Associates, Inc. N-Y Associates, Inc. 	<ul style="list-style-type: none"> PE No. 5924 PE No. 27095 PE No. 19891 	<ul style="list-style-type: none"> LA LA LA 	<ul style="list-style-type: none"> 03/31/2023 09/30/2023 09/30/2023
2	<ul style="list-style-type: none"> Frank Nicoladis, PE Constantine Nicoladis, PE James Simmons, PE *, ** 	<ul style="list-style-type: none"> N-Y Associates, Inc. N-Y Associates, Inc. N-Y Associates, Inc. 	<ul style="list-style-type: none"> PE No. 5924 PE No. 27095 PE No. 19891 	<ul style="list-style-type: none"> LA LA LA 	<ul style="list-style-type: none"> 03/31/2023 09/30/2023 09/30/2023
3	<ul style="list-style-type: none"> James Simmons, PE *, ** Constantine Nicoladis, PE Frank Nicoladis, PE Fred Mortali, PE William Haensel, PE Om Dixit, PE 	<ul style="list-style-type: none"> N-Y Associates, Inc. N-Y Associates, Inc. N-Y Associates, Inc. N-Y Associates, Inc. N-Y Associates, Inc. N-Y Associates, Inc. 	<ul style="list-style-type: none"> PE No. 19891 PE No. 27095 PE No. 5924 PE No. 35111 PE No. 13375 PE No. 14224 	<ul style="list-style-type: none"> LA LA LA LA LA LA 	<ul style="list-style-type: none"> 09/30/2023 09/30/2023 03/31/2023 03/31/2022 03/31/2022 03/31/2023
4	<ul style="list-style-type: none"> Bruce J. Richards, AICP, PTP, CTP ** Lydia Jemison, AICP Karen Wicker, PhD 	<ul style="list-style-type: none"> N-Y Associates, Inc. N-Y Associates, Inc. Coastal Environmental, Inc. 	<ul style="list-style-type: none"> AICP No. 126106 PTP No. 643 AICP No. 016414 NEPA - FHWA 	<ul style="list-style-type: none"> N/A N/A N/A N/A 	<ul style="list-style-type: none"> N/A N/A N/A N/A
5	<ul style="list-style-type: none"> Sara A. Hahn, MS David Kelly, PhD Thurston H.G. Hahn, III, BA 	<ul style="list-style-type: none"> Coastal Environmental, Inc. Coastal Environmental, Inc. Coastal Environmental, Inc. 	<ul style="list-style-type: none"> Section 106 (2006) Section 106 (2002) Section 106 (2017) 	<ul style="list-style-type: none"> N/A N/A N/A 	<ul style="list-style-type: none"> N/A N/A N/A


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

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

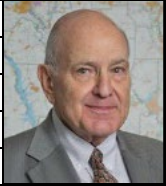
16. Staff Experience: Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.				
Firm employed by		N-Y Associates, Inc.		
Name	James Simmons, PE	Years of relevant experience with this employer	28	
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/09-30-2023		
Year registered	1982	Discipline	Civil Engineering; NHI 142005	
Contract role(s) / brief description of responsibilities		Project Manager / Senior Roadway Engineer / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way and Cost Estimates / 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 time specified in the applicable MPR(s). <i>Mr. Simmons provided Geometric Layouts, Design, Rights-of-Way and Cost Estimates for each project listed below.</i>			
09/16 – Present	LA 3234 Extension (LA 1065 to Hammond Airport) Stage 1 Environmental Assessment; Tangipahoa Parish, LA: Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 to improve east-west connectivity through Hammond. The extended roadway segment will also include the LADOTD complete Streets policy and add pedestrian and bicycle facilities. Several small bridges are also included.			
03/14 – 07/18	US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA: Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and roadway, bridge and intersection improvements to US 51. The preferred alternative includes a complete streets cross-section design which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.			
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.			
08/11 - 12/22 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 – 06/24	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).			
06/03 – 02/08	Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA: Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.			
02/05 – 08/05	Stage 0 Feasibility Study and Environmental Inventory for Earhart Expressway Connector Ramps to Airline Drive and Jefferson Highway, Route LA 3139; Jefferson Parish, LA: Feasibility Study (including Line and Grade) and Environmental Inventory for proposed connector ramps along the Earhart Expressway (LA 3139) near the Jefferson/Orleans Parish line. The Environmental Inventory identified and mapped all major environmental concerns, issues and sites within the project study area. The Feasibility Study included			




	plans, profiles and cost estimates for ramp alignment alternatives which were evaluated and screened on the basis of traffic analysis and engineering geometry.
06/18 – 06/22	Comite River Diversion Project – US Highway 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 is being performed to LADOTD standards and is being reviewed by the LADOTD.
03/08 – 11/09	Stage 0 Feasibility Study, LA 427 Perkins Road (Siegen Lane to Highland Road); East Baton Rouge Parish, LA: Feasibility of (and possible impacts arising from) the widening of the road from 2 lanes to 4 lanes. This study included development of alternatives and alternative analyses, preliminary roadway plans, a traffic impact study, cost estimates, an environmental inventory, and a public participation program.
01/12 – 06/12	Stage 0 Feasibility Study, Hooper Road (LA 408) Widening, Sullivan Road (LA 3034) to Greenwell Springs Road (LA 37/64); East Baton Rouge Parish, LA: This Stage 0 study examined the feasibility of widening this section, and included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory.
01/11 – 07/12	Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA: The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
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05/99 – 04/09	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 Interchange Access Request (IAR) report. The new 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; New westbound, 446 LF 2-lane bridge using AASHTO Type IV precast, pre-stressed concrete girders; Drainage design includes up to 60" dia. pipes.; Widening of existing LA 1088 both North and South of the interchange.
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	Bruce J. Richards, AICP, PTP, GIP		Years of relevant experience with this employer		23
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			Deputy Project Manager and Transportation Planner / Environmental Analysis (NEPA): Planning, Socio-Economic & Community Impacts, Constraints, and Agency & Public Participation / 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 time specified in the applicable MPR(s). Mr. Richards provided Transportation Planning, Feasibility and Environmental Services for each project listed below.				
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08/11 – 10/14	LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment; Plaquemines Parish, LA: An Environmental Assessment for the reconstruction of a 3.8 mile segment of LA 23 from two-lanes to four-lanes. The EA included the development, refinement, and analysis of alternatives, conceptual roadway and drainage plans, cost estimates and an analysis of likely impacts.				
06/08 – 06/24	Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road; St. John the Baptist Parish, LA: Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS).				
09/12 - 01/15	Stage 0 Feasibility Study, LA 339 Widening; Lafayette Parish, LA: Feasibility of widening LA Highway 339 (Verot School Road) from Ambassador Caffery Parkway (LA 3073) to Chemin Agreeable Road (LA 82/LA 734). The project also addressed the LADOTD Complete Streets Policy, and the conceptual design included sidewalks and shared use bike/pedestrian paths.				
07/12 - 10/14	Stage 0 Feasibility Study, LA 182 Widening, I-49 to W. Pont des Moutons Road; Lafayette Parish, LA: Feasibility of widening LA Highway 182 (North University Avenue) from West Pont des Mouton Road to I-49. The project also addressed the LADOTD Complete Streets Policy, and the conceptual design included new sidewalks and new 8 ft. paved shoulders, suitable for bicycle use.				
03/13 – 04/14	Stage 0 Feasibility Study, LA 156 Roadway Improvements, Calvin to US 167; Winn Parish, LA: This Stage 0 Study examined the feasibility of making safety improvements to LA Highway 156 from Calvin, LA to the intersection of US 167 in Winn Parish. Proposed improvements included operational improvements, such as signage, and physical improvements, such as straightening of curves.				
12/12 - 03/14	Stage 0 Feasibility Study, LA 378 Improvements, I-10 Ramps (Westlake) to LA 378 (Moss Bluff); Calcasieu Parish, LA: Feasibility of making improvements and adding capacity to LA Highway 378 from the I-10 ramps in the Town of Westlake to the LA 378 Spur in the community of Moss Bluff. Proposed improvements include possible operational improvements to the five-lane section and widening the two-lane section to a four-lane divided section. This study included Complete Streets as part of the conceptual design and included a 10 ft. wide shared use path for bicyclists and pedestrians.				


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.
01/12 – 06/12	Stage 0 Feasibility Study, Hooper Road (LA 408) Widening, Sullivan Road (LA 3034) to Greenwell Springs Road (LA 37/64); East Baton Rouge Parish, LA: This Stage 0 study examined the feasibility of widening this section, and included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory.
01/11 – 07/12	Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA: The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
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06/03 – 02/08	Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA: Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.
02/05 – 08/05	Stage 0 Feasibility Study and Environmental Inventory for Earhart Expressway Connector Ramps to Airline Drive and Jefferson Highway, Route LA 3139; Jefferson Parish, LA: Feasibility Study (including Line and Grade) and Environmental Inventory for proposed connector ramps along the Earhart Expressway (LA 3139) near the Jefferson/Orleans Parish line. The Environmental Inventory identified and mapped all major environmental concerns, issues and sites within the project study area. The Feasibility Study included plans, profiles and cost estimates for ramp alignment alternatives which were evaluated and screened on the basis of traffic analysis and engineering geometry.
05/99 – 04/09	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 Interchange Access Request (IAR) report. The new 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; New westbound, 446 LF 2-lane bridge using AASHTO Type IV precast, pre-stressed concrete girders; Drainage design includes up to 60" dia. pipes.; Widening of existing LA 1088 both North and South of the interchange.
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	Frank Nicoladis, PE	Years of relevant experience with this employer	53		
Title	President	Years of relevant experience with other employer(s)	12		
Degree(s) / Years / Specialization		Bachelor of Science/1957/Civil Engineering			
Active registration number / state / expiration date		1957/LA/03-31-2023			
Year registered	1957	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		Principal / Project Oversight including Quality Assurance / Meets MPR Nos. 1, 2, and 3			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). <i>Mr. Nicoladis provided Project Oversight including Quality Assurance for each project listed below.</i>				
09/16 – Present	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. 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 extended roadway portion will also address the LADOTD complete Streets policy and should add pedestrian and bicycle facilities.				
03/14 - 07/18	US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA: Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and 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.				
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 improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative conceptual design included new sidewalks and 8 ft. wide shoulders suitable for bicycling on the widened portion of Hooper Road.				
08/11 - 12/22 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.				
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01/11 – 07/12	Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA: The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
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Firm employed by		N-Y Associates, Inc.		
Name	Michael Nicoladis, EI, MBA	Years of relevant experience with this employer	38	
Title	Senior Vice 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/09-30-2023		
Year registered	1982	Discipline	Engineer Intern	
Contract role(s) / brief description of responsibilities		Principal / Project 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 time specified in the applicable MPR(s). <i>Mr. Nicoladis provided Project and Subconsultant Management for each project listed below.</i>			
09/16 – Present	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. 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 extended roadway portion will also address the LADOTD complete Streets policy and should add pedestrian and bicycle facilities.			
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06/03 – 02/08	Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA: Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.
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Firm employed by		N-Y Associates, Inc.		
Name	Constantine Nicoladis, PE	Years of relevant experience with this employer	35	
Title	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/09-30-2019		
Year registered	1997	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Roadway and Drainage Design / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way & Cost Estimates / 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 time specified in the applicable MPR(s). <i>Mr. Nicoladis provided Geometric Layouts, Design, Rights-of-Way and Cost Estimates for each project listed below.</i>			
06/13 - 12/22	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 – 12/16	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.			
06/08 - 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.			
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Firm employed by		N-Y Associates, Inc.		
Name	Fred Mortali, PE	Years of relevant experience with this employer	11	
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/03-31-2020		
Year registered	2009	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Roadway and Drainage Design / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way and Cost Estimates / Meets MPR No. 3		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover time specified in the applicable MPR(s). <i>Mr. Mortali provided Geometric Layouts, Design, Rights-of-Way and Cost Estimates for each project listed below.</i>			
06/16 - 12/22	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.			
03/20 – 10/21	Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA: Design for a new alignment of approx. 1 mile of Carney Road. The new roadway which include two, 11’ travel lanes and 8’ shoulders/bicycle lanes meeting East Baton Rouge’s Complete Streets requirements.			
06/18 - 12/20	Comite River Diversion Project – US Highway 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 – 12/23 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.			
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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.			
2010 - 2018	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.			


Firm employed by		N-Y Associates, Inc.			
Name	William Haensel, PE		Years of relevant experience with this employer		1
Title	Senior Civil Engineer		Years of relevant experience with other employer(s)		53
Degree(s) / Years / Specialization		Bachelor of Science/1968/Civil Engineering			
Active registration number / state / expiration date		13375/LA/03-31-2022			
Year registered	1972	Discipline	Civil		
Contract role(s) / brief description of responsibilities		Roadway and Drainage Design / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way & Cost Estimates / 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 time specified in the applicable MPR(s). <i>Mr. Haensel provided Geometric Layouts and Design for each project listed below.</i>				
11/21 - 04/23	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 HEC-RAS and design for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05.				
With Other Firms					
05/03 - 04/19	Fleur de Lis Blvd. Reconstruction: Design and Program Management (Phases I, II and III); New Orleans, LA: Mr. Haensel supervised the engineering design team for this project from its inception, performed a feasibility study and provided the City with suggestions for alternative designs based on the various sources and funding available. The project consisted of the complete reconstruction of 8,200 linear feet (1.5 miles) of major urban divided roadway. As required by FHWA, a NEPA environmental clearance was prepared, completed and accepted by LADOTD and FHWA. Because the corridor was bounded by residential development, significant attention was given to pedestrian access, bike paths, and construction sequencing. The project required multiple LADOTD design exceptions because of physical constraints and preservation of trees. Mr. Haensel prepared the LADOTD design exceptions and the City received approval of the exceptions. Because of the complexity of the work, the project was divided into three phases. Design tasks included land surveying, a new subsurface drainage system, new sewer and water systems, and traffic engineering, and construction sequences planning. Total project cost was \$27M. (S.P. 742-36-0103)				
01/15 - 07/15	Clearview Parkway Turn Lane Improvement at Mounes; Jefferson Parish, LA: Design of roadway widening and left turn lane to serve southbound traffic on Clearview Parkway at Mounes Street. Design included modifications to the existing traffic signal and new pavement markings for Clearview Parkway. All design was in accordance with DOTD and AASHTO requirements. Design was reviewed and approved by DOTD. Construction was inspected by and accepted by DOTD.				
04/09 - 09/11	Island Road Restoration; Terrebonne Parish, LA: Design of the widening, overlay, and restoration of a 5 mile long primary access road in southern Terrebonne Parish, just south of Houma. Design included the cold mill of existing asphalt pavement, placing 20,000 cubic yards of new crushed stone base course, and placing 6,600 tons of superpave asphalt surface and overlay on the existing and widened roadway. The design also included 17,000 cubic yards of stone riprap to stabilize and line the side slopes adjacent to waterways on both sides of the roadway. All design was reviewed by and approved by the Terrebonne Dept. of Public Works and the FEMA administrator. The design conformed to DOTD and AASHTO requirements.				
03/08- 10/09	Oak Harbor Boulevard East Widening (I-10 Service Road to Lakeshore Boulevard); St. Tammany Parish, LA: Design of additional travel lanes for an existing 2,600 foot long divided roadway including drainage improvements. The design conformed to DOTD and AASHTO requirements.				
06/95 - 06/06	West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA: Mr. Haensel provided program management services for a 5-mile urban aerial roadway which included a major drainage canal in an urbanized area. He was in charge of coordinating the design and surveying services of 5 design engineering firms. He developed design standards for use by the engineering firms, reviewed the design work of the engineering firms, resolved legal and permitting issues, coordinated geotechnical investigations, assisted in reviewing contractor payment request, and reviewed reports of field tests. He also coordinated and attended meetings with the Jefferson Parish Departments of Drainage, Sewage, Water, and Streets, LADOTD, and USACE. The project was completed over 10 years as construction funding was advanced. Total construction cost of corridor was \$75M. (S.P No. 742-07-42)				

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


Firm employed by		N-Y Associates, Inc.			
Name	Om Dixit, PE	Years of relevant experience with this employer	6		
Title	Civil and Environmental Engineer	Years of relevant experience with other employer(s)	48		
Degree(s) / Years / Specialization		Bachelor of Science/1968/Civil Engineering; Master of Science/1970/Civil Engineering; MBA/1979			
Active registration number / state / expiration date		14224/LA/03-31-2019			
Year registered	1974	Discipline	Civil and Environmental		
Contract role(s) / brief description of responsibilities		Senior Roadway Engineer / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way and Cost Estimates / Meets MPR No. 3			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover time specified in the applicable MPR(s). <i>Mr. Dixit provided Geometric Layouts, Design, Rights-of-Way and Cost Estimates for each project listed below.</i>				
06/18 – 12/22	Comite River Diversion Project – US Highway 61 Railway Bridges; East Baton Rouge Parish, LA: Design for new north bound and south bound bridges for the US Highway 61 crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30 foot scour requirement. All work is being performed to LADOTD standards and is being reviewed by the LADOTD.				
03/20 – 12/22	Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA: A new alignment of approx. 1 mile of Carney Road and a new 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new roadway and bridge will both include two, 11’ travel lanes and 8’ shoulders/bicycle lanes meeting East Baton Rouge’s Complete Streets requirements.				
02/21 – 12/22	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).				
2014 - 2016	LADOTD Wisner Boulevard over I-610 Bridge Replacement; Orleans Parish, LA: Mr. Dixit performed Independent Reviews of various submittals of the project which included a bridge with AASHTO BT girder spans and a couple of 170’-131’ and 199’-119’ steel plate girder spans.				
2013 - 2015	LADOTD Peters Road Bridge; Plaquemines Parish, LA: Mr. Dixit performed Independent Reviews of various submittals for Phase II and Phase III of the project which included 3 bridges with AASHTO Type III girder spans and one 305’-380’-305’ steel plate girder spans crossing Bayou Barataria.				
2012 - 2014	LADOTD Retainer Contract for Bridge Preservation I-49 North Bridges (On System): Several I-49 North segment bridges construction plans were prepared for SP 455-09-0003 and Shop Drawing Review was performed for SP 455-09-0003, SP 455-09-0005, SP 455-09-0006 and SP 455-09-0011. Performed Final Design of the prestressed concrete girder decks, bents and drilled shafts. Also prepared the final plans and quantity cost estimates for the bridges. Preliminary plans were also prepared for Baker Canal Bridge Replacement, H000698.5. Mr. Dixit served as Project Manager for all bridge design.				
2012	LADOTD LA 705 over Bayou Queue Tortue; Acadiana Parish, LA: Mr. Dixit performed Independent Reviews of the 90% submittal of the project which included a 5-span bridge with DOTD Quad beams. He also performed the as designed bridge rating for the bridge.				
2008 - 2010	LADOTD SP No. 700-99-0431 (TOs 4,5,10,11): Retainer Contract for Bridge Preservation I-49 North Bridges (On System): Several I-49 North segment bridges construction plans were prepared for SP 455-09-0006, SP 455-09-0005 and SP 455-09-0011. Performed the Final Design of the prestressed concrete girder decks, bents and drilled shafts. Also prepared the final plans and quantity cost estimates for the bridges. Mr. Dixit served as Project Manager for all Bridge Design.				


Firm employed by		N-Y Associates, Inc.		
Name	Lydia Jemison, AICP	Years of relevant experience with this employer	15	
Title	Transportation Planner	Years of relevant experience with other employer(s)	25	
Degree(s) / Years / Specialization		Masters of Urban and Regional Planning/1988		
Active registration number / state / expiration date		AICP No. 016414		
Year registered	1999	Discipline	American Institute of Certified Planners	
Contract role(s) / brief description of responsibilities		Environmental Analysis (NEPA): Planning, Socio-Economic & Community Impacts, Constraints, and Agency & Public Participation / 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 time specified in the applicable MPR(s). Ms. Jemison provided Transportation Planning, Feasibility and Environmental Services for each project listed below.			
03/14 - 07/18	US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA: Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and 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.			
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 improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative conceptual design included new sidewalks and 8 ft. wide shoulders suitable for bicycling on the widened portion of Hooper Road.			
09/12 - 01/15	Stage 0 Feasibility Study, LA 339 Widening; Lafayette Parish, LA: Feasibility of widening LA Highway 339 (Verot School Road) from Ambassador Caffery Parkway (LA 3073) to Chemin Agreeable Road (LA 82/LA 734). The project also addressed the LADOTD Complete Streets Policy, and the conceptual design included sidewalks and shared use bike/pedestrian paths.			
07/12 - 10/14	Stage 0 Feasibility Study, LA 182 Widening, I-49 to W. Pont des Moutons Road; Lafayette Parish, LA: Feasibility of widening LA Highway 182 (North University Avenue) from West Pont des Mouton Road to I-49. The project also addressed the LADOTD Complete Streets Policy, and the conceptual design included new sidewalks and new 8 ft. paved shoulders, suitable for bicycle use.			
12/12 - 03/14	Stage 0 Feasibility Study, LA 378 Improvements, I-10 Ramps (Westlake) to LA 378 (Moss Bluff); Calcasieu Parish, LA: Feasibility of making improvements and adding capacity to LA Highway 378 from the I-10 ramps in the Town of Westlake to the LA 378 Spur in the community of Moss Bluff. Proposed improvements include possible operational improvements to the five-lane section and widening the two-lane section to a four-lane divided section. This study included Complete Streets as part of the conceptual design and included a 10 ft. wide shared use path for bicyclists and pedestrians.			
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	Steven Fall, PE	Years of relevant experience with this employer	14	
Title	Civil/Structural Engineer	Years of relevant experience with other employer(s)	24	
Degree(s) / Years / Specialization		Master of Science/1989/ Engineering; BS/1984/Civil Engineering		
Active registration number / state / expiration date		23634/LA/03-31-2022		
Year registered	1990	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Civil Engineer / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way and Cost Estimates		
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 time specified in the applicable MPR(s). <i>Mr. Fall provided Geometric Layouts, Design, Rights-of-Way and Cost Estimates for each project listed below.</i>			
06/18 – 12/22	Comite River Diversion Project – US Highway 61 Railway Bridges; East Baton Rouge Parish, LA: Design for new north bound and south bound bridges for the US Highway 61 crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30 foot scour requirement. All work is being performed to LADOTD standards and is being reviewed by the LADOTD.			
11/19 – 12/23	Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA: The realignment of approx. 1 mile of Carney Road which includes a new 270 LF, 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new bridge will have 11’ travel lanes and 8’ shoulders/bicycle lanes to match the roadway width and meet East Baton Rouge’s Complete Streets requirement.			
02/21 – 12/23	Five (5) New “Waskey-type” Bridges associated with the West Shore Lake Pontchartrain Flood Protection System, WSLP-114; St. Charles and St. John the Baptist Parishes, LA: Design of five (5) new “Waskey-type” access bridges ranging in length from 60 feet to 160 feet using precast deck panels, precast pile bent caps, and precast barrier rails supported on precast concrete piles. The bridges vary in width: 24 foot, 16 foot and 12 foot clear width, gutter to gutter. The bridges are being designed for an AASHTO HS20 truck load (HL-93 loading).			
06/12 – 09/14	LA 1085 (Bootlegger Road) Intersection Improvements: St. Tammany Parish, LA: A single-lane roundabout to replace the existing intersection of Bootlegger Road with Francis Road on the north and the Ochsner Boulevard on the south. The project also included relocation of utilities, a temporary detour road and phased construction of the roundabout to maintain traffic flow.			
06/99 – 04/10	LA 1088 Interchange, Route I-12; St. Tammany Parish, LA: The addition of a fully directional interchange to I-12 at LA 1088. The new 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; New 446 LF westbound 2-lane bridge using AASHTO Type IV precast, pre-stressed concrete girders.			
2001 – 2006	Director of Engineering, Greater New Orleans Expressway Commission, Causeway Bridge; Metairie, LA: Mr. Fall provided oversight of all engineering work for the Causeway Bridge, which spans 24 miles and is the longest bridge over water in the world. The movable bridge’s parallel spans are made of prestressed panels supported by over 9,000 concrete pilings. Mr. Fall was responsible for the oversight, design review, project/program management and administration of all engineering consultants providing design, bidding, construction administration and resident inspection services.			
2015 – 2016	Mississippi River LNG Flood Protection Project, LA 39; Bohemia, LA: A proposed 9300 LF reinforced concrete, pile supported floodwall with two 30’ vehicular access swing gates, pedestrian gates, and a 70’ wide stop log access for future equipment. The height of the floodwall was approx. 27’ above grade in accordance with the 100 year Base Flood Elevation and USACE HSDRSS standards.			
2008 – 2013	WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellars Canal) Navigable Sector Gate, Sluice Gates, Levees and Floodwalls; Jefferson and St. Charles Parishes, LA: A 56 ft. wide, navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee, a 5-gate sluice gate structure and a permanent access road.			

Firm employed by	N-Y Associates, Inc.				
Name	Dennis Voss, NICET Level IV		Years of relevant experience with this employer		48
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		54584/12-01-2020			
Year registered		Discipline	Engineering Technician, Level IV		
Contract role(s) / brief description of responsibilities		Senior Engineering Technician / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way and Cost Estimates			
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 time specified in the applicable MPR(s). <i>Mr. Voss provided Geometric Layouts, Design, Rights-of-Way and Cost Estimates for each project listed below.</i>				
06/08 – 06/24	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).				
08/11 - 12/23 est.	LA Highway 23 (Happy Jack to N. Port Sulphur) Environmental Assessment and Design; Plaquemines Parish, LA: Environmental Assessment, Topographic Survey and Design for reconstructing an existing 3.8 mile segment of LA 23 from two-lanes to a four lane divided roadway with subsurface drainage and utility relocations. All work is being done to LADOTD standards.				
09/16 - Present	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. 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 extended roadway portion will also address the LADOTD complete Streets policy and should add pedestrian and bicycle facilities.				
06/13 – 12/20	Improvements to Duncan Canal and West Esplanade Avenue; Kenner, LA: A Hydraulic Study and Preliminary and 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.				
06/18 – 06/22	Comite River Diversion Project – US Highway 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.				
03/14 - 07/18	US 51 (LA 22 to Club Deluxe Rd.) Stage 1 Environmental Assessment; Tangipahoa Parish, LA: Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and 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.				
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 improvements and extension of Hooper Road (LA 408). The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative conceptual design included new sidewalks and 8 ft. wide shoulders suitable for bicycling on the widened portion of Hooper Road.				
09/12 - 01/15	Stage 0 Feasibility Study, LA 339 Widening; Lafayette Parish, LA: Feasibility of widening LA Highway 339 (Verot School Road) from Ambassador Caffery Parkway (LA 3073) to Chemin Agreeable Road (LA 82/LA 734). The project also addressed the LADOTD Complete Streets Policy, and the conceptual design included sidewalks and shared use bike/pedestrian paths.				
07/12 - 10/14	Stage 0 Feasibility Study, LA 182 Widening, I-49 to W. Pont des Moutons Road; Lafayette Parish, LA: Feasibility of widening LA Highway 182 (North University Avenue) from West Pont des Mouton Road to I-49. The project also addressed the LADOTD Complete Streets Policy, and the conceptual design included new sidewalks and new 8 ft. paved shoulders, suitable for bicycle use.				


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.
03/13 – 04/14	Stage 0 Feasibility Study, LA 156 Roadway Improvements, Calvin to US 167; Winn Parish, LA: This Stage 0 Study examined the feasibility of making safety improvements to LA Highway 156 from Calvin, LA to the intersection of US 167 in Winn Parish. Proposed improvements included operational improvements, such as signage, and physical improvements, such as straightening of curves.
12/12 - 03/14	Stage 0 Feasibility Study, LA 378 Improvements, I-10 Ramps (Westlake) to LA 378 (Moss Bluff); Calcasieu Parish, LA: Feasibility of making improvements and adding capacity to LA Highway 378 from the I-10 ramps in the Town of Westlake to the LA 378 Spur in the community of Moss Bluff. Proposed improvements include possible operational improvements to the five-lane section and widening the two-lane section to a four-lane divided section. This study included Complete Streets as part of the conceptual design and included a 10 ft. wide shared use path for bicyclists and pedestrians.
01/12 – 06/12	Stage 0 Feasibility Study, Hooper Road (LA 408) Widening, Sullivan Road (LA 3034) to Greenwell Springs Road (LA 37/64); East Baton Rouge Parish, LA: This Stage 0 study examined the feasibility of widening this section, and included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory.
01/11 – 07/12	Stage 0 Feasibility Study, Hooper Road Extension and Toll Road Evaluation; East Baton Rouge and Livingston Parishes, LA: The Stage 0 study examined the extension of LA Hwy 308 (Hooper Road) from Greenwell Springs Road with a new bridge crossing the Amite River connecting to LA 16 or LA 1019. The study included alternatives development and evaluation, a traffic impact study, cost estimates, and an environmental inventory. The primary purpose of the toll evaluation for the new bridge and roadway was to develop estimates of total traffic demand under tolled vs. non-tolled conditions, toll traffic forecasts, projected gross and net toll revenues under a tolled scenario, and the potential amount of debt that could be issued to help fund the project's construction.
03/08 – 11/09	Stage 0 Feasibility Study, LA 427 Perkins Road (Siegen Lane to Highland Road); East Baton Rouge Parish, LA: Feasibility of (and possible impacts arising from) the widening of the road from 2 lanes to 4 lanes. This study included development of alternatives and alternative analyses, preliminary roadway plans, a traffic impact study, cost estimates, an environmental inventory, and a public participation program.
06/03 – 02/08	Causeway/Earhart Interchange, Route LA 3139: Stage 0 Feasibility Study & Environmental Inventory and Stage 1 Environmental Assessment; Jefferson Parish, LA: Feasibility Study and Environmental Inventory (including line and grade), for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. Two provide all eight possible turning movements with signalization; four are free-flow providing six turning movements. The final two build alternatives were evaluated in a Stage 1 Environmental Assessment.
02/05 – 08/05	Stage 0 Feasibility Study and Environmental Inventory for Earhart Expressway Connector Ramps to Airline Drive and Jefferson Highway, Route LA 3139; Jefferson Parish, LA: Feasibility Study (including Line and Grade) and Environmental Inventory for proposed connector ramps along the Earhart Expressway (LA 3139) near the Jefferson/Orleans Parish line. The Environmental Inventory identified and mapped all major environmental concerns, issues and sites within the project study area. The Feasibility Study included plans, profiles and cost estimates for ramp alignment alternatives which were evaluated and screened on the basis of traffic analysis and engineering geometry.
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	4	
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 / Line and Grade Study: Geometric Layouts of Alternatives, Roadway Design Criteria, Rights-of-Way and Cost Estimates		
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 time specified in the applicable MPR(s). <i>Mr. Jackson provided CADD services for each project listed below.</i>			
11/21 – 04/23	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.			
06/18 – 12/20	Comite River Diversion Project – US Highway 61 Railway Bridges; East Baton Rouge Parish, LA: Design for new north bound and south bound bridges for the US Highway 61 crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30-foot scour requirement. All work is being performed to LADOTD standards and is being reviewed by the LADOTD.			
03/20 – 10/21	Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA: A new alignment of approx. 1 mile of Carney Road and a new 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new roadway and bridge will both include two, 11’ travel lanes and 8’ shoulders/bicycle lanes meeting East Baton Rouge’s Complete Streets requirements.			
02/21 – 12/22	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 – 06/23	WSLP-109, Westshore Lake Pontchartrain Levees and Floodwalls; St. Charles Parish, LA: The work includes: 5580 LF of new levee, 354 LF of T-wall crossing over nine (9) pipelines, transition floodwalls tying the T-wall into the levee section, multiple T-wall monoliths up to 11’ high designed to current HSDRRS criteria; and a multi-culvert crossing of the interior drainage canal at the access road.			
06/20 – 06/23	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		N-Y Associates, Inc.		
Name	Chris LeMay, CADD/GIS	Years of relevant experience with this employer	2	
Title	CADD/GIS Technician	Years of relevant experience with other employer(s)	20	
Degree(s) / Years / Specialization		Associate of Science/Computer-Aided Drafting		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		CADD/GIS Technician / Environmental Analysis: Planning (NEPA), Socio-Economic & Community Impacts, Constraints, and Agency & Public Participation		
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 time specified in the applicable MPR(s). <i>Mr. LeMay provided CADD/GIS services for the projects listed below.</i>			
08/20 – 12/22	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).			
08/20 – 10/21	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.			
06/20 – 06/23	West Shore Lake Pontchartrain, WSLP-109, 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 – 06/23	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.			
2017 – 2018	HMGP Elevation of Parish Roads, Coast Guard Road; Plaquemines Parish, LA: CAD drawings for the proposed 2 foot elevation and stabilization for Coast Guard Road using AutoCAD Civil 3D and Storm & Sanitary Analysis software from surveys, shapefiles, parcels and Hydrologic & Hydraulic (H&H Studies). Mr. LeMay also worked on creating a proposed gravity pipe network for stormwater improvements. (With another firm)			
2009 – 2017	Concrete Pavement Repair and Replacement; St. Bernard Parish, LA: CAD drawings from hand sketches, field notes and manufacturer specs. Mr. LeMay assisted in the design and construction of Portland cement concrete pavement repairs in the Chalmette Vista and Buccaneer Villa neighborhoods of St. Bernard Parish. (With another firm)			
2009 – 2017	Hurricane Katrina Roadway Restoration; St. Bernard Parish, LA: CAD drawings from hand sketches, field notes and manufacturer specs. Mr. LeMay coordinated, managed and scheduled the Field Layout Services and all Field Drawings from the draft copies to the final CAD drawings. He managed and updated CAD Drawings accordingly and verified and produced CAD As-Builts at the end of each project. Mr. LeMay logged data for records and created spreadsheets. Mr. LeMay assisted in the creation of databases and GIS layers from existing parish data and data collected from field efforts. All GIS layers were built from the ground up since no previous GIS information existed. The layers that were created included sewer, drainage, water, streets and centerlines, buildings, subdivisions, fire zones, landmarks, and zones. (With another firm)			
2009 – 2017	Asphalt Roadway Restoration; St. Bernard Parish, LA: CAD drawings for the mill and overlay of existing asphalt roadways, base repairs and replacements, and repair or replacement of adjacent curb and gutter, driveways, and sidewalks at various locations. (With another firm)			
2008 – 2009	Viola Street Widening; St. Tammany Parish, LA: CAD drawings for the street milling, overlay and widening of lanes throughout Viola Street in St. Tammany Parish. (With another firm)			

Firm employed by	Urban Systems, Inc.			
Name	Alison C. Michel, PE, PTOE, PTP, RSP ₁	Years of relevant experience with this employer	21	
Title	President / Transportation Engineer	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 / 03/31/2023			
Year registered	2002	Discipline	Professional Engineer: Civil Engineering	
Active registration number / state / expiration date	1023 / Louisiana / 11/06/2023			
Year registered	2002	Discipline	Professional Traffic Operations Engineer	
Active registration number / state / expiration date	626 / Louisiana / 11/20/2023			
Year registered	2017	Discipline	Professional Transportation Planner	
Active registration number / state / expiration date	115/ Louisiana/ 12/21/2021			
Year registered	2018	Discipline	Road Safety Professional; NHI 142005	
Contract role(s) / brief description of responsibilities	Professional In Charge of Traffic Engineering Tasks / Traffic Study and Analysis / Meeting 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 time specified in the applicable MPR(s). Ms. Michel has over twenty-four (24) years’ experience in Traffic Engineering and Transportation Planning. 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. Ms. Michel has completed the Highway Safety Manual course sponsored by the LADOTD and the NEPA and Transportation Decision Making course sponsored by the National Highway Institute. She has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage, and striping.			
03/16 – 01/19	I-10/Loyola Interchange Improvement Project H.011670 Stage 0 and Stage 1: This multi-phase interchange improvement project to improve capacity to service increasing demand and provide direct access to the new north terminal of the MSY International Airport from I-10 was conducted with Ms. Michel as the Principal in Charge. The first phase included detailed data collection efforts to identify the various origins and destinations of airport trips and the routes utilized. She managed this, the microsimulation analysis efforts and the tiered process to identify alternatives to meet Federal Highway Administration (FHWA) requirements for an interchange modification report. During this process she also coordinated with the numerous agencies that were identified as stakeholders. The second phase was preparing an environmental assessment (EA) where she assisted the project manager with coordinating a team of eight different consulting firms. The result was the granting of a Finding of No Significant Impact (FONSI) by the FHWA in only fifteen months after beginning the EA process. The experience of priming this EA project as invaluable as it provides a level of understanding the entire process, not just the traffic analysis portion.			
10/11 – 05/16	Increase Capacity of I-10 from Bridge to I-10/I-12 Split Stage 0 Feasibility Study and Stage 1 Environmental Assessment: Ms. Michel was the Principal in Charge of the Traffic Studies this multi-faceted project to improve Interstate 10 through Baton Rouge. The project included developing and testing alternatives for operational and safety conditions. Analysis utilized VISSIM models that were prepared to meet LADOTD requirements. Mainline alternatives included an additional lane, interchange relocations, a highpass and slip ramps. The Capitol Regional Planning Commissions Travel Demand model in Transcad was utilized to forecast volumes for various scenarios. Due to the length of the corridor, public meetings were held in three separate locations where Ms. Michel presented the results of the traffic analysis to the public. At the public meetings video animations of the models and analysis results from the VISSIM were presented. The final Stage 0 document was published for public comment to be included in the NEPA process in compliance with the FASTACT. USI was also tasked with the traffic analysis and preparation of three Interchange Modification reports based on the Tiered process to meet Federal Highway Administration requirements. Ms. Michel oversaw the traffic study preparation for the Environmental Assessment that was approved.			


01/12 – 10/14	LA 182 Widening Stage 0 Study: Ms. Michel was the project manager for a Traffic Study for the Stage 0 Feasibility Study for widening of LA Highway 182 (North University Avenue) from West Pont des Mouton Road to I-49 in Lafayette Parish. The corridor analysis included approximately 25 unsignalized and 5 signalized intersections. Ms. Michel performed QA/QC of the traffic data collected by others, oversaw the simulation models in effort using VISSIM and preparation of the report summarizing the findings. Her participation in this project where we sub with N-Y indicates familiarity with LA 182 in Lafayette going as far back as 2012.
02/10 – 04/12	I-12 to Bush Environmental Impact Statement Route LA 3241: Ms. Michel led the team that conducted a traffic study for the I-12 to Bush Environmental Impact Statement. This included conducting field investigations to document existing conditions, noting traffic patterns, traffic control devices and to identify safety concerns. Various alternatives were identified and evaluated at potential tie-in points for the new alignment. Ms. Michel's TRANSCAD training and experience were utilized when modifying population, employment and socio-economic data in the regional transportation model to assist with the forecasting of future traffic volumes.
09/11 – 10/11	Teche Regional Medical Center Signal Beacon: Ms. Michel supervised the design of a H.A.W.K. hybrid beacon at the Teche Regional Medical Center for a pedestrian crossing of LA 70. She coordinated with LADOTD, and prepared documents required for obtaining a traffic signal permit based on LADOTD requirements. Construction administration tasks by Urban Systems staff included preparing a request for letter bids from three signal contractors, reviewing the bids, recommending a contractor based on the bids, submittal review and responding to construction inquiries.
12/18 – 09/22	St. Claude Bridge Bicycle Accommodation; New Orleans, LA: Ms. Michel was the project manager for this study for the Port of New Orleans which the objective was to improve safety for cyclists utilizing the bridge crossing. Tasks included conducting field observations and sight distance evaluations, identifying existing equipment to be modified/removed, collecting counts of pedestrians, vehicles, and bicycles that use the bridge and collecting vehicular speed data. Short term and long-term alternatives were developed to safely accommodate bicyclists on the raised portion of the St. Claude Bridge including the Inner Harbor Navigational Canal lift span.
04/08 – 11/13	SP 700-99-0402 Statewide Safety Studies: Ms. Michel was project manager for the Statewide Safety Studies Retainer Contract. Task-orders were issued to evaluate the safety of intersections and corridors in Ascension, Lafourche, Natchitoches, Rapides, Terrebonne, Vernon Parishes and others. Ms. Michel conducted field investigations/ Road Safety Assessments in Districts 61 and 08. The studies involved collection of traffic data and a thorough review and analysis of crash reports. The resulting analysis led to either identifying the need for a feasibility study and/or the development of long- and short-term recommendations to reduce correctible crashes.
08/11 – 04/12	Terrebonne Parish US 90 at LA 24 Pedestrian Signal Warrant Study: Ms. Michel oversaw this pedestrian signal warrant study. It was part of a project to install a sidewalk along the east side of LA 24 from Linda Ann Avenue to Marietta Place in Houma, Louisiana. The objectives included making recommendations for the placement of pedestrian crossings at both the US 90 westbound exit-ramp and eastbound entrance ramp. Ms. Michel oversaw the data collection and conducted QA/QC of the report.
08/20 – 08/21	Westbank Expressway at Whitney Ave Signal Modifications; Jefferson Parish, LA: Ms. Michel oversaw the design of signal modifications at the intersection of Westbank Expy and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The design included audible push button activation for a pedestrian phase to run concurrently with the existing phasing. This required calculating pedestrian clearance times and developing timing plans conducive to pedestrian compliance. Ms. Michel also performed QA/QC to ensure the design met DOTD standards.
04/18 – 07/18	Marconi Dr Traffic Study; New Orleans, LA: Ms. Michel was the Principal In Charge of this traffic study focused on increasing safety for pedestrians, cyclists, and drivers on Marconi Dr. Multi-modal traffic data was collected for use in evaluating the existing conditions. Potential improvements were identified including various pedestrian accommodations and bike lane treatments that would fit within the existing pavement and also compliment planned projects adjacent to the study area. Capacity analysis was conducted at the signalized intersection to estimate the impact of potential lane configuration changes. Construction cost estimates were also prepared for use in ranking alternatives.

Firm employed by		Urban Systems, Inc.			
Name	Nicole H. Stewart, PE, PTOE		Years of relevant experience with this employer		17
Title	Vice President / Transportation Engineer		Years of relevant experience with other employer(s)		1.5
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering BS / 2004 / Physics			
Active registration number / state / expiration date		34750 / Louisiana / 09/30/2023			
Year registered	2009	Discipline	Professional Engineer: Civil		
Active registration number / state / expiration date		#2923 / Louisiana / 08/2023			
Year registered	2012	Discipline	Professional Traffic Operations Engineer		
Contract role(s) / brief description of responsibilities		Traffic Engineering / Traffic Study and Analysis / Meeting MPR No. 3			
Experience dates (mm/yy–mm/yy)	<p>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).</p> <p>Ms. Stewart has seventeen (17) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has conducted all types of traffic and transportation studies including corridor and intersection improvements studies, safety studies, transportation management plans, and traffic impact studies. She has been conducting studies using the Traffic Engineering Process and Report guidance since its inception. Ms. Stewart has used the tiered process on many studies for LADOTD on behalf of local parishes and municipalities. She also has experience in signal design and timing of coordinated systems, microscopic modeling using CORSIM software, geometric design, and traffic control devices plans. Her design experience provides a level of understanding needed to identify, analyze and select alternatives based on the tiered process. She has experience using Highway Capacity Software (HCS), Synchro, and TS/PP Draft in the timing and coordinating of traffic signals. Her experience during the I-49 Albertson’s Parkway Design-Build project added to her experiences in Lafayette, Louisiana. Her familiarity with St. Nazaire Road, LA 96 and LA 182 specifically is relevant as she had to work with the contractor to develop the sequence of construction and detailed Traffic Control Plans to maintain access for all users in this area.</p>				
01/14 – 08/19	<p>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 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 concerns raised in the field. She also prepared As-Built plans once the project was completed in August 2019.</p>				
08/09 – 07/11	<p>LA 3235 Corridor Safety Study: Ms. Stewart was lead engineer on the LA 3235 Corridor Safety Study from LA 1 to LA 32 in Terrebonne Parish, LA for LADOTD. This study included the collection of crash data and reviewing more than three hundred detailed collision reports. As a key part of this safety analysis, Ms. Stewart prepared the collision diagrams as a visual aid to assist with identifying trends and specific correctable factors that contributed to a higher crash frequency such as sight obstructions caused by intersection alignments, and pavement and lighting conditions.</p>				
03/16 – 01/19	<p>I-10/Loyola Interchange Improvements: Ms. Stewart’s role in this study was to prepare the conflict points, signage and striping layouts for the two different types of interchanges being considered for the I-10 at Loyola Avenue Interchange. One interchange type included multiple fly over ramps and the other was a diverging diamond. Once prepared, Ms. Stewart compared and ranked the conflict points, signage and striping of both alternatives to be used for the safety portion of the Tiered Process.</p>				
05/16 – 04/20	<p>I-49 South (Raceland to the Westbank Expressway): Urban Systems was a part of the project team selected to evaluate integrating the existing US 90 corridor into the I- 49 South systems within the project study limits. Ms. Stewart was the principal in charge of the USI tasks and led the project management efforts. Ms. Stewart conducted the quality assurance checks of the final technical documents including the data collection reports and traffic distributions for thirteen proposed interchanges.</p>				

12/14 – 01/17	LA 447 Corridor Study and Environmental Assessment: Ms. Stewart was the lead engineer for the Corridor Safety Study to identify improvements to LA 447 from north of Interstate 12 (I-12) to LA 16 that was included in the Environmental Assessment. She reviewed detailed crash reports obtained from the LADOTD database for the section south of Buddy Ellis Road. She oversaw the preparation of collision diagrams and the identification of crash trends. The predictive method was used per the Highway Safety Manual to estimate the crashes with and without potential improvements. Ms. Stewart also conducted turn lane warrants and identified where left and right turn lanes should be considered.
01/09 – 07/10	Twin Spans Increase Capacity and Raise to Prevent Flooding: Ms. Stewart performed a traffic operations analysis for a Stage 0 Feasibility Study and Environmental Inventory I-10 from I-610 to Twin Spans in Orleans Parish. Ms. Stewart took the lead on this project to determine if capacity improvements were feasible for this congested section of I-10. This study included data collection and analysis of ten major I-10 interchanges. Through analysis and extensive field observations, Ms. Stewart was able to identify specific problems that contributed to the cause of traffic on the I-10 High Rise over the industrial canal including the steep slope of the bridge narrow lanes and the lack of shoulders.
02/21 – Present	Florida Boulevard; New Orleans, LA: Ms. Stewart is currently working to finalize the traffic study to identify improvements for pedestrian access along US 190 (Florida Blvd) from N. 22nd St to 1,140 feet east of N. Beck Street. Ms. Stewart conducted site observations and geometric field checks to document existing conditions to identify concerns that affect pedestrians and cyclists. Ms. Stewart oversaw the safety study that involved the review of more than 150 crash reports. Ms. Stewart assisted with identifying potential alternatives to improve pedestrian and bike accommodations along the US 190 corridor.
11/08 – 05/11	Carrollton and Palmetto/Washington Streetscape Project; New Orleans, LA: The lead engineer on the Carrollton and Palmetto/Washington Streetscape Project for the City of New Orleans was Ms. Stewart. For this project, corridor enhancements were designed including pedestrian surface walkway improvements; bikeways; traffic and pedestrian signalization; vehicular and pedestrian signage; landscaping, lighting, public art, pocket park improvements; minor improvements to curb and gutter, sidewalks, and street surface; minor drainage modifications and improvements; ADA compliant ramps and bus stop relocations. The project entailed Schematic Design, Topographical Survey, Environmental Study, Preliminary and Final Designs, Construction Management, and Community Meetings.
02/18 – 03/20	Severn Ave: Veterans to W. Esplanade; Jefferson Parish, LA: Ms. Stewart was the traffic engineering project manager of this Jefferson Parish roadway reconstruction project. Severn Ave is a heavily travelled multi-lane boulevard requiring complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodations. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the temporary traffic control plan development for multiple phases of construction, and she performed QA-QC. Another element of this project was coordination with Jefferson Parish and LADOTD to obtain approval of the Parish's equipment and specifications for use in the LADOTD bidding process.
07/18 – 07/19	US 90 at Collins Diboll Drive; New Orleans, LA: Ms. Stewart was the Principal in Charge for the signal modification plans for the widening of the Ochsner Hospital driveway/ Collins Diboll Drive. This modification included upgraded video detection, push button activated pedestrian signals as well as new timing and phasing. The signal modification plans were prepared using the latest LADOTD TSI format. Ms. Stewart also prepared the LADOTD signal permit application on behalf of Ochsner.

Firm employed by		Urban Systems, Inc.			
Name	Christine M. Darrah, PE		Years of relevant experience with this employer		8
Title	Transportation Engineer		Years of relevant experience with other employer(s)		19
Degree(s) / Years / Specialization		BS / 1994 / Civil Engineering			
Active registration number / state / expiration date		25828 / Louisiana / 09/30/2023			
Year registered	2009	Discipline	Professional Engineer: Civil		
Contract role(s) / brief description of responsibilities		Transportation Engineer / Traffic Study and Analysis			
Experience dates (mm/yy–mm/yy)	<p>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).</p> <p>Ms. Darrah has over twenty-six (27) years of experience in Civil Engineering and has been specializing in transportation for more than nine (9). Ms. Darrah has been both the project manager and the lead analyst for corridor and intersection improvement studies for Stage 0 and Stage 1 project. She is proficient in LADOTD Highway Capacity Software (HCS), MicroStation, AutoCAD and Autoturn. Ms. Darrah also has experience in preparing traffic signal design plans in LADOTD format. This has included timing/phasing analysis, wiring diagrams, interconnect layouts, construction quantities, specifications and cost estimates. Her many years and wide variety of experiences are valuable during studies, design development and especially QA/QC.</p>				
09/14 – 08/16	<p>LA 415 Stage 0 Corridor Study: Ms. Darrah was the team leader for the Stage 0 Corridor study to develop an alternative plan to improve mobility and safety on LA 415 in Port Allen, LA for normal conditions as well as increase the capacity for throughput during an I-10 mainline detour. The study included traffic volume collection, growth rate development, alternative development, modeling, safety analysis, Tier 1 analysis, and report preparation. VISSIM was used to model the corridor. Modeling the alternatives required base model creation, calibration, development of projected model for each alternative. She also managed the sub-consultant who prepared the geometric layouts.</p>				
10/10 – 09/15	<p>Pecue Lane / I-10 Interchange Environmental Assessment: Ms. Darrah assisted with design and QA/QC for the Pecue Lane / I-10 Interchange traffic signals for the diverging diamond and the signal at the intersection of Pecue Lane at Reiger Road. The signal plans were prepared on the latest LADOTD TSI format. The interstate ramp terminal intersection signals were designed per LADOTD standards and the Reiger Road signal was designed per East Baton Rouge Parish standards. This required close attention to detail given the different equipment requirements and coordination to obtain pay item numbers for East Baton Rouge signal specifications. She reviewed the opinion of probable cost.</p>				
03/16 – 01/19	<p>I-10/Loyola Environmental Assessment Interchange Improvements: Ms. Darrah assisted the project team that prepared an Interchange Modification Report for MSY International Airport from I-10. The interchange was recommended to be improved based on the relocation of the airport terminals which will divert traffic through this interchange. Ms. Darrah tasks included working on presentations used for three public outreach events, performing QA/QC for traffic volumes, and preparing the Data Collections Report.</p>				
08/20 – 12/20	<p>Carencro Distribution Center Traffic Impact Study: Ms. Darrah was the lead engineer for the traffic impact study for a one million square foot development on the I-49 East Service Road in Carencro, Louisiana. Ms. Darrah was responsible for volume estimation of base conditions using LADOTD historical data collection and trips from developments recently constructed in the area. The project included the analysis of multiple base and build scenarios to determine the traffic impact. Task included trip generation and distribution, turn lane and signal warrants, and capacity analysis. Methodology for volume estimation and trip distribution required coordination with the LADOTD District.</p>				
10/09 – 04/15	<p>Engineering Services for Pakenham Dr. and Jackson Avenue; Chalmette, LA: Ms. Darrah conducted QA/QC for the final plans submitted in April 2015 for the federally funded reconstruction of Jackson Avenue and Pakenham Drive. The plans included complete roadway reconstruction of Pakenham Drive and Jackson Avenue, Tyler Street and Courthouse Square. Ms. Darrah conducted a thorough review of the horizontal and vertical alignments, the drainage system design, water and sewer replacement etc. for conformance with LADOTD plan requirements. She also conducted QA/QC of the construction cost estimates that were prepared based on LADOTD pay items.</p>				


Firm employed by		Urban Systems, Inc.		
Name	Matthew H. Morgan, PE		Years of relevant experience with this employer	9
Title	Transportation Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			BS / 2009 / Civil Engineering	
Active registration number / state / expiration date			47060 / Louisiana / 08/11/2023	
Year registered	2022	Discipline	Professional Engineer: Civil	
Contract role(s) / brief description of responsibilities			Transportation Engineer / Traffic Study and Analysis	
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 time specified in the applicable MPR(s). Mr. Morgan has (11) eleven years’ experience that ranges from starting as a Data Collection Manager while in college to becoming an Engineer Intern and now a Professional Engineer 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 Traffic Studies, Stage 1 Traffic Studies Transportation Management Plans, and a variety of others. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS Software, VISSIM, CORSIM, and Adobe Suite.			
03/16 – 12/19	I-10/Loyola Interchange Improvement IMR: Mr. Morgan led data collection efforts on I-10 and surrounding roadways for the I-10/Loyola Interchange improvements. He organized counting roadways and turning movements using video camera and pneumatic tubes. He also assisted in the collection of speed data using hand-held radar devices. Mr. Morgan helped review crashes associated with the project, analyze crash characteristics, and examine trends in crashes for the study years. He assisted with capacity analysis for existing and future alternative conditions using HCS, Synchro, and Vissim analysis software. Mr. Morgan helped write the reports and prepare appendixes documenting the results.			
10/15 – 11/16	Veterans Stage 0 Traffic Signal Timing and Coordination Study: The study objective was to reduce delays, lower emissions, improve fuel consumption, and improve safety, while maximizing the progressive movement of traffic through the Veterans Boulevard corridor. Mr. Morgan led the data collection effort which included collecting traffic roadway volumes, turning movement volumes, and vehicle classifications on the study corridor. Seven (7) day, twenty-four (24) hour counts were utilized to identify the proposed signal timing plans by Mr. Morgan. He assisted with the quality assurance/quality control (QA/QC) per USI’s QA/QC policy for the traffic counts collected for use in existing and proposed traffic analysis. Mr. Morgan performed site visits at each intersection and performed morning, mid-day and evening travel time runs before and after implementing the signal timing improvements. He also assisted in preparing the reports that documented the improvements for each of the identified performance measures that resulted from the implementation of USIs recommendations.			
03/21 – 01/22	North Blvd: Mr. Morgan was the project manager for a traffic study for enhancing North Blvd from I-110 to Foster St for pedestrians and bicyclists. He led the data collection effort which included 7-day classification counts, 48-hour classification counts, turning movement counts, spot speed studies, and driveway spot counts. He also led the effort collecting safety information from LADOTD crash websites for local and state roads. Mr. Morgan conducted safety analysis to identify the Level of Service of Safety (LOSS) and overrepresented crashes.			
12/19 – Present	Violet Terminal Traffic Study: The objective of the Violet Terminal Traffic Study was to assess how long the existing traffic network of LA state highways could sustain the additional traffic generated by a new Port terminal located in Violet, LA. Mr. Morgan led in the data collection effort for numerous intersections and roadways using video cameras. Mr. Morgan identified peak hours for the associated traffic network. He also helped in estimating vehicular traffic volumes for years 2028 through 2050. He analyzed signalized intersections with and without improvements, where needed, to mitigate the impacts. Mr. Morgan assisted with report preparation that summarized the objective, methodologies, and findings of the project.			
03/16 – 09/18	Future I-49 South Study (Raceland to Westbank Expressway), Stage 1: The study area spanned US 90 from the Westbank Expressway in Jefferson Parish to Lafourche Parish. Mr. Morgan led the data collection effort which included traffic volume collection, speed studies, and vehicle classification. He performed site investigations and assisted project engineers with development of figures and tables to present the data. He utilized LADOTD’s resources and tools during the study phase for analysis of existing conditions.			
06/12 – 07/12	Ochsner West Campus Specialty Hospital Traffic Impact Analysis; New Orleans, LA: Mr. Morgan’s role in the traffic impact analysis was to lead the data collection team. He collected traffic volumes, observed intersection operations, and generated figures representing the results. Mr. Morgan also assisted the project team with analysis and report table creation for signalized and un-signalized intersections.			







Firm employed by	Urban Systems, Inc.		
Name	Fadi Madi, (Ontario) P.Eng.	Years of relevant experience with this employer	1
Title	Transportation Designer & Analyst	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		B.App.Sc (Honors) / 2011 / Civil Engineering	
Active registration number / state / expiration date		100174071 / Ontario (Canada) / 11/30/2022	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Transportation Engineering – Assisting PE's / Traffic Study and Analysis	
Experience dates (mm/yy–mm/yy)	<p>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).</p> <p>Mr. Madi is a Project Manager at Urban Systems, Inc. He has over ten (10) years of experience working for a range of public and private sector clients in the United States and Canada. Mr. Madi is a P.Eng. in Ontario and working towards getting licensed in Louisiana. Mr. Madi is responsible for project management, and providing technical, analytical, reporting, and coordination support on a variety of transportation projects, including traffic operations, transportation planning, safety assessments, and traffic design studies. He is proficient in Synchro, HCS and TruTraffic Software and completed the LADODTD TEPR certification modules.</p>		
02/22 – 06/22	<p>Ochsner Traffic Impact Analysis; New Orleans, LA: The objective of the study was to evaluate the impact the proposed redevelopment of the Ochsner campus. Change to the Deckbar Ave corridor were intended to provide a pedestrian friendly, walkable experience. Mr. Madi estimated trip generation, conducted signalized and unsignalized analysis and also acted as an advisor to other technical staff.</p>		
10/21 – Present	<p>Florida Blvd Segment 2 Enhancement (US 190: N22nd Street to N Beck Street); East Baton Rouge Parish, LA: Mr. Madi assisted with a study for this portion of US 190 (Florida Blvd) that was identified as needing improved access for pedestrians and cyclists. Potential intersection and signal improvements, sidewalk connections, and transit stop improvements were considered. Mr. Madi organized the collection of peak period turn movement counts and conducted field observations. He obtained growth rate data and applied it to existing volumes to forecast No Build volumes. Mr. Madi developed a methodology to re-route traffic volumes based on the proposed improvements, conducted No Build and Build analysis using HCS software and summarized the findings in a technical memorandum.</p>		
11/21 – Present	<p>Jefferson Hwy @ Corporate (Intersection Improvements); Baton Rouge, LA: The traffic engineering for the Jefferson Highway at Corporate Boulevard Intersection Improvements project to extend existing and incorporate additional turning lanes to increase storage length and improve capacity was conducted by Mr. Madi. In addition to turning lane improvements, pedestrian facility (sidewalks, crosswalks, etc.) and driveway access enhancements were considered to improve safety, provide pedestrian connectivity to transit facilities, and improve access management. Mr. Madi was responsible for leading the technical analysis and preparation of deliverables.</p>		



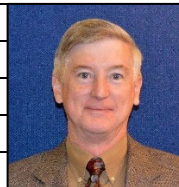
Firm employed by	Urban Systems, Inc.				
Name	Alex P. Weeks, EI		Years of relevant experience with this employer		1
Title	Civil Engineer Intern		Years of relevant experience with other employer(s)		1
Degree(s) / Years / Specialization		BS / 2020 / Civil Engineering			
Active registration number / state / expiration date		34593 / Louisiana / 3/31/2022			
Year registered	2020	Discipline	Civil Engineer Intern		
Contract role(s) / brief description of responsibilities		Transportation Engineering – Assisting PE's / Traffic Study and Analysis			
Experience dates (mm/yy–mm/yy)	<p>Experience and qualifications relevant to the proposed contract; <i>i.e.</i>, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).</p> <p>Ms. Weeks has two (2) years of experience in Traffic and Transportation Engineering. Her project experience so far has included safety studies, operational improvement studies for both corridors and intersections, and signal design. Her signal design experience included use of LADOTD’s TSI format, design guidelines and pay items. She is proficient using Highway Capacity Software (HCS), Synchro, SIDRA and TruTraffic.</p>				
06/21 – 09/21	<p>US 90 (Jefferson) at Causeway; Jefferson Parish, LA (Jefferson Parish & LADOTD): Ms. Weeks was on the USI team to study potential improvements to the intersection of US 90 (Jefferson Hwy) at Causeway Blvd. Ms. Weeks reviewed 267 crashes reports, wrote crash descriptions, and input corrected information into the LADOTD CATscan tool. Ms. Weeks also prepared the safety analysis report that identified crash trends, compared the observed crash numbers vs statewide averages, and determined of Level of Service of Safety (LOSS).</p>				
03/21 – Current	<p>US 190 Bus (Florida Blvd) Segment 2 Enhancement; Baton Rouge, LA (MoveBr & LADOTD): Ms. Weeks conducted safety analysis for this project corridor with a focus on pedestrian and bicycle crashes. Ms. Weeks reviewed crash reports, updated crash information in the LADOTD CATscan Crash tool, and wrote crash descriptions. Ms. Weeks also prepared sections of the report per the LADOTD TEPR guidelines.</p>				
07/21 – 11/21	<p>MoveBR – North Blvd Safety Study, Baton Rouge, LA: Ms. Week’s role in the North Blvd project focused primarily on evaluating existing safety conditions. Ms. Weeks reviewed 161 crash reports, wrote crash descriptions for each crash, and input the crash information in to a LADOTD CATScan Crash Tool. Ms. Weeks prepared a safety analysis report that identified crash trends, comparison tables of observed vs statewide averages of crashes, and determination of LOSS.</p>				


Firm employed by:		Coastal Environmental, Inc.			
Name	Karen M. Wicker, PhD		Years of relevant experience with this employer		47
Title	Senior Vice President / Principal		Years of relevant experience with other employer(s)		3
Degree(s) / Years / Specialization		PhD / 1979 / Louisiana State University/Physical Geography MS / 1975 / Louisiana State University/Physical Geography BS / 1970 / Mary Washington College of University of VA / American Studies			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Principal, Supervisor / Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeological / Completed "HNI Course No. 142005, National Environmental Policy Act (NEPA) and Transportation Decision Making / Meeting MPR No. 4 / Meets Qualifications for Environmental Investigations			
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 time specified in the applicable MPR(s). <i>Dr. Wicker directed Environmental Services and NEPA compliance for the following LDOTD projects.</i>				
01/13 - 12/13	H.009488.1. Stage 0 Feasibility, LA 378 Improvements Westlake to Moss Bluff, Calcasieu Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklist and summary report for three Alternatives.				
04/13 - 12/13	H.01008.1. Stage 0 Feasibility, LA 156 Improvements Calvin - US 167, Winn Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklists and summary report for three Alternatives.				
02/12 - 08/12	H.005403. Stage 0 Feasibility Study, Hooper Rd., E Baton Rouge & Livingston Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklists and summary report.				
01/12 - 05/12	H.009300. Abbreviated Stage 0 Feasibility Study, Hooper Rd, E Baton Rouge Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklists and summary report.				
01/12 - 07/12	H.009215.1. Stage 0 Feasibility Study LA HWY 182 Widening, Lafayette Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklists and summary report.				
05/12 - 12/12	H.009214.1. LA 339 Widening Stage 0 Feasibility Study, Lafayette Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklists and summary report.				
05/08 - 01/09	700-17-0213. LA Hwy 427 – Perkins Rd Stage 0 Study, E Baton Rouge Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of Environmental Checklists and summary report.				
05/12 - 12/14	H.005403.2. Stage 1 Environmental Assessment, LA Hwy 408-Hooper Rd. Extension & Widening (LA 16-Sullivan Rd), E Baton Rouge & Livingston Parishes, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, Biological Assessment, cultural resources & ESAI; preparation of environmental documents and related sections of EA.				
02/07 - 10/08	736-52-0043. LA 21 Widening EA, St. Tammany Parish, LA: Supervisor/Environmental Manager for investigations for wetlands & T&E species, preparation of Environmental Report.				
03/03 - 05/05	700-19-0108. Florida Ave. Bridge over IHNC EA, Orleans & St. Bernard Parishes, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, biological assessment, cultural resources; preparation of environmental documents and related sections of EA.				

05/11 - 09/12	700-28-0213, H.004482.2. Ambassador Caffery N Extension Supplement 3, Lafayette Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, biological assessment, cultural resources & ESA - phase 1; preparation of environmental documents and related sections of EA Supplement.
08/11 - 09/12	H.001399. LA HWY 23 (Happy Jack to N Port Sulphur) Stage 1 EA, Plaquemines Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, biological assessment, cultural resources; preparation of environmental documents and related sections of EA.
02/10 - 12/14	H.004891.1. US 61 / I-10 Connector EIS, St. John the Baptist Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, biological assessment, cultural resources and ESA-phase1; preparation of environmental documents; sections of EIS; and alternatives analyses.
05/99 - 07/02 & 06/06 - 06/07	700-26-0076. LA 1088/I-12 Interchange EA & Supplement, St. Tammany Parish, LA: Supervisor/Environmental Manager for investigations for ESA-Phase 1, wetlands, threatened and endangered species and cultural resources surveys and preparation of environmental documents and sections of EA. Wetland Delineation update under supplement.
02/06 - 09/12	700-28-0213, H.004482.2. Ambassador Caffery N Extension EA, Lafayette Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, biological assessment, cultural resources & ESA - phase 1; preparation of environmental documents and related sections of EA.
2003; 2004-2007	736-26-0001. Earhart / Causeway Blvd. Interchange EI, Jefferson Parish, LA: Supervisor/Environmental Manager for investigations for wetlands, T&E species, HTRW & cultural resources; preparation of environmental documents and Environmental Inventory report.

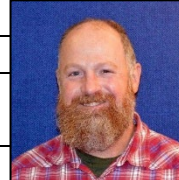
Firm employed by		Coastal Environmental, Inc.			
Name	David B. Kelley, PhD		Years of relevant experience with this employer		42
Title	Director / Cultural Resources Division		Years of relevant experience with other employer(s)		8
Degree(s) / Years / Specialization		PhD /1990/Anthropology – Tulane University BA /1975/Anthropology – University of Kansas			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Principal Investigator / Supervisor-Archaeologist / Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeological / Section 106 of National Historic Preservation Act / Meets MPR No. 5			
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 time specified in the applicable MPR(s). <i>Dr. Kelley directed and/participated in all of the following Cultural Resources Investigations.</i>				
11/20 - 04/21	WA57905SA002. LA 8 Sabine River Bridge, Vernon Parish, LA: Principal Investigator. Supervised cultural resources survey for TxDOT.				
06/16 - 12/19	H.008915.2. LA 3234 Extension from LA 1065 – Hammond Airport: Subconsultant to N-Y Associates, Inc. Principal Investigator. Conducted cultural resources survey for LADOTD.				
10/15 - 05/16	H.012232. Dijon Drive Extension Project, East Baton Rouge, LA: Principal Investigator. Directed cultural resources survey for Capital Regional Planning Commission.				
05/15 - 07/16	WA57501SA002. US 175 Widening Project, Anderson County, TX: Principal Investigator. Directed data recovery excavations at 41AN201, a Protohistoric Caddo site for TxDOT.				
10/14 - 05/15	H.005403.2. LA 1 Bridges near Grand Isle Project, Jefferson and Lafourche Parishes, LA: Principal Investigator. Directed cultural resources survey for LADOTD.				
05/14 - 04/15	H.001820.2. LA 485 Bridges near Allen Replacement Project, Natchitoches Parish, LA: Principal Investigator. Directed cultural resources survey at four bridge locations for LADOTD.				
10/13 - 12/14	H.003501. Archaeological Test Excavations at Site 16CD294, Caddo Parish, LA: Directed excavations for LADOTD.				
04/16 - 12/16	H.002333. Monitoring Bayou Paul Bridge Replacement Route LA 327, Iberville Parish, LA: Principal Investigator. Supervised cultural resources monitoring for LADOTD.				
02/10 - 16/15	H.004891. US 61 to I-10 Connector EIS, St. John the Baptist Parish, LA: Principal Investigator. Supervised cultural resources investigation and assisted in field surveys. Subconsultant to N-Y Associates, Inc.				
09/14 - 05/15	H.005403.2. LA 1 Bridges near Grand Isle Project, Jefferson and Lafourche Parishes, LA: Principal Investigator. Directed cultural resources survey for LADOTD.				
08/11 - 09/12	H.000263.2. Chef Menteur Bridge and Approaches Project, Orleans Parish, LA: Principal Investigator. Supervised cultural resources survey for LADOTD.				
08/12 - 08/13	I-210 Cove Lane to Nelson Road Interchange Project, Calcasieu Parish, LA: Principal Investigator. Directed cultural resources survey for LDOTD. Subconsultant to Stantec.				
08/18 - 03/19	H.002424. LA 70 Widening, Sunshine Bridge to LA 22, Ascension and St. James Parishes, LA: Principal Investigator. Directed cultural resources survey for LADOTD.				
08/07 - 03/08	736-52-0043. LA 21 Widening Project, St. Tammany Parish, LA: Principal Investigator. Directed cultural resources survey for LDOTD. Subconsultant to Burk-Kleinpeter, Inc.				

09/07 - 04/08	Houma Navigation Canal Deepening Project, Terrebonne Parish, LA: Principal Investigator for cultural resources survey for U.S. Army Corps of Engineers, New Orleans District.
12/05 - 10/06	SH 155 Widening Project, Anderson County, TX: Co-Principal Investigator for data recovery excavations at 41AN38, a late Caddo site, for TxDOT.
12/04 - 06/05	FM 557 Bridge Replacement Project, Camp County, TX: Co-Principal Investigator for test excavations at 41CP220 for TxDOT.
03/04 - 12/05	700-29-0070. US 171 Widening Project, Sabine Parish, LA: Directed data recovery excavations at 16SA204, a Late Caddo site for LADOTD.
12/02 - 12/03	MS 24-48 Widening Project, Amite, Pike and Wilkinson Counties, MS: Principal Investigator. Directed cultural resources survey for MDOT.
12/02 - 10/03	I-69 Project, Tunica, Coahoma and Bolivar Counties, MS: Principal Investigator. Directed cultural resources survey for MDOT.
11/92 - 09/94	504-41-0017. Grand Bayou Reservoir Project, Red River Parish, LA: Principal Investigator. Directed survey and test excavations at sites for LADOTD.


Firm employed by:		Coastal Environmental, Inc.			
Name	Thurston H.G. Hahn, III, BA		Years of relevant experience with this employer		35
Title	Project Manager / Historian		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BA / 1985/History - Louisiana State University, Baton Rouge			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Historian and Archaeologist / Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeological / Section 106 of National Historic Preservation Act / Meets MPR No. 5			
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 time specified in the applicable MPR(s). <i>Mr. Hahn served as Historian and/or Archaeologist on the following LDOTD projects.</i>				
05/17 - 10/18	H.000358.2-1. Remote sensing survey and archival research of St. Catherine Cemetery, West Baton Rouge Parish, LA: Conducted archival research for LADOTD.				
07/17 - 01/18	H.000358. Remote Sensing and Archival Research for the US 190 at LA 415 Lobdell Interchange, West Baton Rouge Parish, LA: Historian. Conducted archival research and compiled report for LADOTD.				
02/16 - Present	H.005720. Florida Avenue Expressway, Orleans and St. Bernard Parishes, LA: Sub-consultant to N-Y Associates, Inc. Project Manager, Archaeologist and Historian. Conducted Phase I cultural resources survey for LADOTD.				
06/15 - 03/17	SDP-0009-01(099)PH2, 101819-001000. US 61 Port Gibson Bypass, Claiborne County, MS: Historian. Conducted archival research and compiled sections of the report for the Phase I cultural resources survey for MDOT. Sub-consultant to Neel-Schaffer, Inc.				
10/15 - 05/16	H.012233 and H.012232. Dijon Drive Extension, East Baton Rouge Parish, LA: Project Manager, Archaeologist and Historian. Conducted Phase I cultural resources survey for LDOTD. Sub-consultant to Arcadis U.S., Inc.				
08/12 - 06/13	H.000263.2. Chef Menteur Bridge and Approaches, Orleans Parish, LA: Project Manager. Prepared Section 106 Adverse Effect Documentation for LADOTD.				
05/12 - Present	H.003931.5. I-10 Calcasieu Bridge EIS, Calcasieu Parish, LA: Project Manager and Historian. Updated results of previous cultural resources work for re-start of project for LADOTD. Sub-consultant to HNTB, Inc.				
08/11 - 08/14	H.001399. LA Highway 23 Happy Jack to Port Sulphur, Plaquemines Parish, LA: Project Manager, Archaeologist and Historian. Conducted Phase I cultural resources survey for LADOTD.				
09/10 - 02/11	701-65-1523. US 11 Archival Photo Documentation, Orleans and St. Tammany Parishes, LA: Historian and Photographer. As part of cultural resources investigation served as historian and photographer for LADOTD.				
04/08 - 10/10	700-35-0123. Improvements to Front Street, Natchitoches, Natchitoches Parish, LA: Project Manager, Archaeologist and Historian. Conducted Phase I and II cultural resources investigations for LADOTD.				
02/07 - 03/08	736-52-0043. LA 21 Widening Project, St. Tammany Parish, LA: Project Manager and Historian. Conducted Phase I cultural resources survey for LDOTD. Sub-consultant to Burk-Kleinpeter, Inc.				

Firm employed by:		Coastal Environmental, Inc.			
Name	Sara A. Hahn, MA		Years of relevant experience with this employer		27
Title	Project Manager / Architectural Historian		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		MA / 2005 / Anthropology – Louisiana State University BA / 1995 / Anthropology – University of Southwestern Louisiana			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Historian, Architectural Historian and Archaeologist / Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeological / Ms. Hahn meets the Secretary of the Interior's qualifications for Architectural Historian and Archaeologist and has taken courses in Section 106, Section 106 Agreement Documents, Section 4(f) compliance for cultural resources and NEPA Compliance. She is certified as a Traffic Control Technician-LA State Specific / Meets MPR No. 5			
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 time specified in the applicable MPR(s). <i>Mrs. Hahn served as an Historian, Architectural Historian and/or Archaeologist on all of the following projects.</i>				
03/20 - Present	H.004791. Belle Chasse Tunnel HAER Documentation, Belle Chasse, Plaquemines Parish, LA: For Traylor-Massman on behalf of LADOTD. Architectural Historian. Conducted Level II HAER Documentation.				
11/18 - 04/19	H.001749.2. LA 5 Realignment Project Between Gloster and Kingston: For LADOTD Development. Evaluated six structures and recommended one eligible for listing on the NRHP under Criterion C. Architectural Historian/Historian. Aided in the archaeological survey and conducted archival research.				
08/18 - 01/19	H002424. LA 70 Widening Project from Sunshine Bridge to LA 22, Ascension & St. James Parishes, LA: For LADOTD. Architectural Historian. Conducted architectural survey and evaluation of 13 structures.				
06/18 - 12/18	H.003370.2. I-20 / I-220 Barksdale Interchange I-20 / I-220, Bossier Parish, LA: For LADOTD. Architectural Historian. Conducted architectural survey and evaluation of eight structures.				
02/18 - 12/19	H.005257.2. Houma – Thibodaux to LA 3127 Connector, Terrebonne Parish, LA: For LADOTD. Conducted architectural survey and evaluation of 22 structures.				
08/17 - 09/17	H.010815.2-1. LA 124 Extension, Catahoula Parish, LA: Architectural Historian. Conducted architectural survey.				
05/17 – 01/18	H.008915. LA 3234 Extension from LA 1065 - Hammond Airport, Tangipahoa Parish, LA: Architectural Historian. Conducted architectural survey.				
04/17 – 01/18	H.005720. Florida Avenue Expressway, Orleans Parish, LA: Architectural Historian/Archaeologist. Conducted architectural survey and NRHP evaluation of structures.				
05/12 - 03/17	H H.007020. Louisiana Statewide Historic Bridge Inventory: Conducted the archival research to aid in the creation of statewide bridge context, research at parish and state repositories to determine bridges to be surveyed, conducted accelerated field survey of several bridges to determine NRHP eligibility prior to statewide survey and conducted portion of statewide survey.				
06/12 - 06/22	H.003931.5. New I-10 Calcasieu Bridge and Approaches, Calcasieu Parish, LA: Conducted archival research, archaeological survey and testing, architectural survey and update and NRHP evaluation. Prepared Section 106 Adverse Effect Documentation, Section 4(f) statement and corresponding sections of the EIS.				
04/13 - 01/15	H.07876.2. HAER: The Bayou Boeuf Bridge on LA 1177, Avoyelles and Rapides Parishes, LA: Conducted archival research and prepared the Historical Report portion of the HAER documentation.				


05/14 - 01/16	H.009012.2. LA 10 & 67 Intersection Widening & Sidewalk Replacement, East Feliciana Parish, LA: Conducted architectural survey and NRHP evaluation of 22 structures and archaeological survey and testing. Project Manager, Archaeologist, Architectural Historian. Determined one structure to be eligible for the NRHP.
11/15 - 11/16	TramLinkBR Project, Baton Rouge, East Baton Rouge Parish, LA: Project Manager, Historian, Architectural Historian. Conducted architectural survey & NRHP evaluation of 110 structures; determined six as NRHP eligible.
05/14 - 01/15	H.001146.2. LA 120 Bridges near Provencal, Natchitoches Parish, LA: Conducted architectural survey and NRHP evaluation of five structures and the archaeological survey.
05/15 - 02/17	US 61 Port Gibson Bypass, Claiborne County, MS: For MDOT. Architectural Historian. Conducted architectural survey and NRHP evaluation of 178 structures.
08/12 - 06/13	H.000263.2. Chef Menteur Bridge and Approaches, Orleans Parish, LA: Conducted archival research and architectural survey of 17 structures and determined two bridges eligible for the NRHP.
03/13 - 05/13	H.009860. BNSF Railroad Crossings along Washington Street, New Iberia, LA: Conducted architectural survey & NRHP evaluation of 27 structures and determined one eligible for listing on the NRHP.
01/12 - 08/12	H.000284. Determination of Eligibility for the Pearl River Bridges, St. Tammany Parish, LA: Conducted archival research and architectural survey to determine the NRHP eligibility of four bridges.
03/12 - 04/13	H.005403.2. LA 408 Hooper Rd. Extension & Widening, E Baton Rouge & Livingston Parishes, LA: Project Manager/Architectural Historian. Conducted architectural survey and evaluation of 89 structures, archival research and compiled cultural resources sections of EA.

Firm employed by:		Coastal Environmental, Inc.			
Name	Hunter Guidry, BS		Years of relevant experience with this employer		5
Title	Director Applied Science & Planning Div. / Project Scientist I, Biologists / Wetland Ecologist		Years of relevant experience with other employer(s)		19
Degree(s) / Years / Specialization		BS / 1996 / Louisiana State University / Environmental Management Systems			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Environmental Professional / Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeological / Section 106 of National Historic Preservation Act / Certificates: Wetland Delineation Training USACE' criteria; ATSSA Traffic Control Tech.-LA State Specific & ESA Phase I / Meets Qualifications for Environmental Investigations			
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 time specified in the applicable MPR(s). <i>Mr. Guidry provided Environmental Services for ESA I and/or Wetlands Delineations for the following projects.</i>				
02/18 - 05/18	H.011670.1 & H.011670.2. DOTD I-10/Loyola Interchange Improvement Project Corridor, Jefferson Parish, LA: Project Scientist I. Performed multiple site inspections of various impact locations for several different alignments for the ESA-Phase I. Attended public meetings and interacted with state and local agencies as well as answered questions from the public about environmental impacts of the project.				
10/21 - 12/21	Trahan Live Oak Plantation, LLC, West Feliciana Parish, LA: Project Scientist I. Conducted ESA-Phase I, ecological assessment, invasive species survey, and T&E species survey on a 237-ac tract for a Conservation Servitude for the Live Oak Plantation and prepared reports of findings for client.				
09/21 - 10/21	Argrave Tract, Ascension Parish, LA: Project Scientist I. Conducted Abbreviated (Preliminary) Phase I Environmental Site Assessment on a 7.24-ac tract that was a former landfill and prepared report of findings for client.				
05/21 - 06/21	Cleco Latanier Substation Tract, Rapids Parish, LA: Project Scientist I. Conducted ESA-Phase I, wetland delineation, and T&E species survey on a one-ac tract for proposed substation and prepared report of findings for client.				
10/20 - 12/20	Calcasieu Parish Sheriff's Office Temporary Trailer Park, Calcasieu Parish, LA: Conducted Abbreviated (Preliminary) Phase I Environmental Site Assessment, wetland determination, and drainage survey on a 20-ac tract that is a proposed FEMA Temporary Trailer Park for Hurricane Laura refugees. Environmental, physical, and social impacts for the proposed trailer park location was reviewed with reports and findings supplied to FEMA for review.				
05/18 - 08/18	Cleco James Property, Rapides Parish, LA: Project Scientist II. Conducted ESA-Phase I, wetland delineation, and T&E species survey on a 122.99-ac tract for proposed private landfill and prepared reports of findings for client.				
09/17 - 11/17	Cleco Emergency-Storm Laydown Yard, St. Tammany Parish, LA: Project Scientist II. Conducted preliminary environmental assessment, preliminary wetland delineation, and wetlands permitting consultation on a 10-ac tract sod farm proposed emergency storm laydown yard for future hurricane/storm use and prepared reports and maps of findings.				
06/22 - 07/22	Evan Hall Sugar Co-operative, Inc. – TerViva Lease Site, Ascension Parish, LA: Project Scientist I. Conducted ESA-Phase I on 2.24 ac-tract and prepared report of findings.				
06/17 - 12/17	Cleco Goodbee Substation Site, St. Tammany Parish, LA: Project Scientist II. Conducted ESA-Phase I, wetland delineation, USACE Nationwide 12 Permit, and T&E species survey on a one-ac tract for proposed substation and prepared report of findings for client.				


08/17 - 09/17	Cleco Rapides Regulator Station ESA I, Rapides Parish, LA: Project Scientist II. Conducted ESA-Phase I assessment and wetland consultation survey on a 0.083-ac tract for proposed electrical regulator station and prepared report of findings for client.
01/17 - 03/17	Cleco Jefferson St Substation ESA I, Iberia Parish, LA: Project Scientist II. Conducted ESA-Phase I assessment on a one-ac tract for proposed substation and prepared reports of findings for client.
08/16 - 02/17	Cleco 3.25-mi ROW DeQuincy ESA I, Calcasieu Parish, LA: Project Scientist II. Conducted ESA-Phase I, wetland delineation, USACE 404 Permit, and T&E species survey on a 14.23-ac tract for proposed transmission line clearing and installation as well as prepared reports of findings for client.
09/16 - 10/16	Cleco Jake Drive Substation ESA I, St. Landry Parish, LA: Project Scientist II. Conducted ESA-Phase I assessment on a 2.72-ac tract for proposed substation and prepared reports of findings for client.
07/16 - 09/16	Cleco Berwick Substation ESA I, St. Mary Parish, LA: Project Scientist II. Conducted ESA-Phase I and wetland delineation on a 0.62-ac tract for proposed substation and prepared reports of findings for client.
12/14 - 11/15	Cleco Cenla Transmission Expansion ESA I, Rapids Parish, LA: Project Scientist II. Conducted ESA-Phase I, wetland delineation and T&E species survey on 9.4-mi ROW and prepared reports of findings for client.
11/14 - 12/14	Cleco Big Four Corners Regulator Site, St. Mary Parish, LA: Project Scientist II. Conducted ESA-I investigation and prepared report for client.
2000 - 2002	700-13-0108. LA 8, Ouachita River Bridge & Approaches at Harrisonburg, LA: Wetland Biologist. Prepared ESA-Phase I and Wetlands delineation.
2001 - 2002	700-27-0059. Bayou Black Bridge at Gibson – US 90, Terrebonne Parish, LA: Wetland Biologist. Prepared ESA-Phase I.

Firm employed by:		Coastal Environmental, Inc.			
Name	Walker Wilson, MS		Years of relevant experience with this employer		18
Title	Project Scientists I / Wildlife Biologist / Wetland Biologist		Years of relevant experience with other employer(s)		3
Degree(s) / Years / Specialization		MS / 2005 / Louisiana State University / Wildlife BS / 2001 / Louisiana State University / Wildlife and Fisheries BS / 1999 / Louisiana State University / Zoology			
Active registration number / state / expiration date		N/A			
Year registered	March 2017	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Biologist/Wetlands / Wetlands, Threatened & Endangered Species, Phase I Environmental Site Assessment, Cultural Resources, and Archaeological / Meets Qualifications for Environmental Investigations			
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 time specified in the applicable MPR(s). <i>Mr. Wilson provided environmental services related to wetlands, vegetation, wildlife, T&E Species and/or biological assessments for the following projects.</i>				
05/12 - 06/15	H.005403.2. Stage 1 Environmental Assessment, LA Hwy 408-Hooper Rd. Extension & Widening (LA 16-Sullivan Rd), E Baton Rouge & Livingston Parishes, LA: Conducted investigation, including scuba diving at two alternate crossings of Amite River, to search for federally listed Alabama (inflated) Heelsplitter Mussel; prepared Biological Assessment and coordinated with USFWS & LDOTD on findings. Conducted wetland delineation for one project alternate and co-authored wetland findings report and wildlife assessment and sections of EA on wetlands, vegetation and wildlife.				
01/13 - 12/13	H.009488.1. Stage 0 Feasibility Study LA 378 Improvements Westlake to Moss Bluff, Calcasieu Parish, LA: Conducted investigation of wetlands & T&E species; prepared Environmental Checklist and summary report of findings and methodology.				
02/10 - 06/15	H.004891. US 61 / I-10 Connector EIS, St. John the Baptist Parish, LA: Conducted aerial reconnaissance to locate and map Bald Eagle nests and colonial nesting bird colonies as part of biological assessment for two alternate alignments.				
04/13 - 12/13	H.01008.1. Stage 0 Feasibility Study LA 156 Improvements, Winn Parish, LA: Conducted investigation for wetlands and Threatened and Endangered species; prepared Environmental Checklist and summary report of findings.				
01/19 - 01/20	NISTAC Task Order 19-J-0009, Corpus Christi, TX: Post-Hurricane Harvey FEMA Assistance Program. Conducted floodplain and environmental reviews for NEPA compliance on projects in many counties in south TX, attended meetings, assisted program delivery managers and applicants with environmental and historic preservation compliance, ESA Section 7 checklists. For AECOM.				
10/18 - 05/19	Southland Terminals Tract, Updated Wetland Delineation, Ascension Parish, LA: Conducted a wetland delineation on a ±61.29-ac tract, authored a delineation report, submitted it to the USACE-NOD and received a Preliminary JD.				
08/18 - 10/18	Cleco LLC St. Tammany Transmission Line Maintenance, St Tammany Parish, LA: Conducted surveys for Gopher Tortoise in and near the project footprint for maintenance sections on existing ~18 mi of a transmission line right-of-way and prepared report of findings.				
08/18 - 09/18	Cleco LLC James Property, Rapides Parish, LA: Conducted wetland delineation on a ±122-ac property and assisted in a Phase I Environmental Assessment of the property.				
07/15 - 10/15	Cleco LLC CENLA Transmission Expansion, Rapides Parish, LA: Conducted surveys for Red-cockaded Woodpecker and Northern Long-eared Bat in and near the project footprint for a 9.2-mi transmission line right-of-way. Assisted in writing report of findings to be submitted to USFWS and LDWF.				


2013 - 2014	Caillouet Land Northern Expansion Bulkhead, Lafourche Parish, LA: Conducted wetland delineation for industrial land development in Port Fourchon. Wrote wetland delineation report; submitted to USACE, NOD. For Caillouet Land LLC.
11/13 - 11/15	Lake Lery Marsh Restoration-CIAP, St. Bernard Parish, LA: Conducted wetland delineation survey for marsh enhancement and creation project west of Bayou Terre aux Boeufs. Conducted submerged aquatic vegetation survey within the project area including the borrow area in Lake Lery. Conducted a nesting bird survey and prepared wetland delineation report for submittal to USACE, New Orleans District for JD. For St. Bernard Parish Gov't. & URS Corp. (AECOM).
04/10 - 07/10	Venice Marina Road Wetland Delineation, Plaquemines Parish, LA: Conducted wetland delineation and endangered species survey for proposed widening of Venice Marina Road and Tiger Pass Road and prepared report of findings for submittal to USACE, New Orleans District. For Burk-Kleinpeter Inc.
05/13 - 12/13	Cleco Bistineau Tie Line, Red River Parish, LA: Performed environmental surveys and helped write an Environmental Assessment for the Natural Resources Conservation Service on a tract of land registered in the Wetland Reserve Program. Assisted Cleco in getting the necessary permits for installing buried transmission lines on this tract. Coordinated with the US Fish and Wildlife Service to receive a concurrence of negligible impact. For Cleco Power LLC.
08/11 - 12/12	Cleco RCW Survey of Lines 166 & 167, Calcasieu & Beauregard Parishes, LA: Performed desktop review, participated in low-altitude flyover and conducted site visits to portions of 40-mi stretch of transmission line looking for rare, threatened and endangered species for a maintenance/vegetation removal project required by FERC. Surveyed Red-cockaded Woodpecker clusters and documented location and status. Worked with Cleco, the LDWF and the USFWS to minimize impact to species of concern found in area. For Cleco Power LLC.

Firm employed by:		Bowlby & Associates, Inc.		
Name	Darlene D. Reiter, PhD, PE	Years of relevant experience with this employer	28	
Title	President	Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization		PhD / 1997 / Vanderbilt University / Civil Engineering MS / 1991 / Villanova University / Civil Engineering BS / 1988 / Villanova University / Civil Engineering		
Active registration number / state / expiration date		101738 / TN / 07-31-2024		
Year registered	1996	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Environmental Manager / Air and Noise Quality Analyses		
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 time specified in the applicable MPR(s).			
06/94 - Present	<p>Bowlby & Associates, Inc.:</p> <ul style="list-style-type: none"> • Expert in the use of the FHWA Traffic Noise Model (TNM 2.5) • Co-instructor of Bowlby & Associates’ 5-day training course on Traffic Noise Fundamentals and TNM 2.5 since 2005 including courses for Georgia Department of Transportation, Montana Department of Transportation, and Caltrans • Certified Instructor of the National Highway Institute Course 142051, Highway Traffic Noise and 2013 NHI Instructor of Excellence Award • Conducted extensive testing of FHWA’s current TNM 3.x model and provided feedback to FHWA and the Volpe Center • Project Manager for numerous noise and air quality analyses for large-scale projects for many State DOTs and local governments • Member of the Transportation Research Board Committee on Transportation-Related Noise and Vibration (ADC 40) • Member of the FHWA’s Tire-Pavement Noise Technical Working Group that developed AASHTO Standard Methods for <i>Determining the Influence of Road Surfaces on Vehicle Noise Using the Statistical Isolated Pass-By Method (SIP)</i> and <i>Determining the Influence of Road Surfaces on Vehicle Noise Using the Continuous-Flow Traffic Time-Integrated Method (CTIM)</i> • Trained and experienced with EPA’s MOVES and hot-spot modeling • Project-level air quality expert and coordinator of the Interagency Coordination (IAC) process for TDOT from 2009-2019 • Developed TDOT’s climate change spreadsheet tool • Case Study Team member for FHWA’s <i>Air Quality and Congestion Mitigation Measures Outcomes Assessment Study</i> <p>Sample Projects:</p> <ul style="list-style-type: none"> • FHWA: Co-author of Evaluation of 23 CFR 772 for <i>Opportunities to Streamline and Establish Programmatic Agreements</i> (through RSG) and lead author of a “how to” guide for noise study review titled <i>“Techniques for Reviewing Noise Analyses and Associated Noise Reports”</i> for 23 CFR 772 Accelerated Process: Measurement and Modeling Techniques. Case Study Team member for FHWA’s <i>Air Quality and Congestion Mitigation Measures Outcomes Assessment Study</i>. • National Cooperative Highway Research Program: Researcher for NCHRP 25-44, <i>Field Investigation of Reflected Noise from a Single Noise Barrier</i> and NCHRP 25-52, <i>Meteorological Effects on Roadway Noise</i>. • Tennessee DOT: Project Manager for Tennessee DOT (TDOT) study that won the American Council of Engineering Companies (ACEC) Excellence Honor Award in 2006 for <i>TDOT Type II Noise Barrier Needs Assessment and Program Development</i>. In- 			

	<p>house consultant assisting with the noise and air quality program; Type II Noise Barrier Needs and Cost Assessment Studies; TDOT Noise Policy and Procedures Updates; SR 840 Pavement Noise Study; numerous final noise barrier design projects across the state; and noise inquiry response.</p> <ul style="list-style-type: none"> • Louisiana DOTD: Project Manager for noise and air quality evaluations for the Environmental Assessment (EA) for the I-10 widening project in East and West Baton Rouge Parishes and for the Environmental Impact Statement (EIS) for the widening of I-49 in St. Mary Parish. • Missouri DOT: Managed noise reviews of the controversial I-270 and I-64 widening projects in St. Louis County, including public involvement. • Georgia DOT: Manager of a Type II noise barrier study for the 3-County Atlanta metropolitan area including development of a noise barrier GIS and congressional liaison package. • Montana DOT: Researcher for and co-author of <i>Traffic Noise in Montana: Community Awareness and Recommendations for a Rural State</i>. • Nashville Metropolitan Transit Authority: Nashville-Lebanon Commuter Rail Environmental Assessment (EA), Noise and Air Quality Analyses. • Gulf Coast High Speed Ground Transportation Coalition: MagLev Train Deployment Program EA: Noise and Air Quality Analyses, New Orleans, LA. • New York State DOT: Type II Noise Barrier Priority Studies in Binghamton and Region 1 (Albany). • Louisiana DOTD: I-49 EIS Noise and Air Quality Analyses, St. Mary Parish, LA. • City of Alexandria, VA: Evaluation of Virginia DOT Noise Barrier Designs, I-95/495 Woodrow Wilson Bridge, Alexandria. • Nashville Metropolitan Public Works Department: Traffic Signal Optimization Study for Metro Nashville: Air Quality Analysis. • City of Murfreesboro, TN: Air Pollutant Emissions Analyses for CMAQ Projects: Memorial Blvd. Traffic Signal Progression Study. • Tennessee DOT and Nashville MPO: Air Quality Emissions Analysis for Regional HOV and CBD Access Studies, Davidson County.
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Firm employed by:		Bowlby & Associates, Inc.		
Name	Geoffrey Pratt, PE	Years of relevant experience with this employer	23	
Title	President	Years of relevant experience with other employer(s)	N/A	
Degree(s) / Years / Specialization		MS / 1999 / Vanderbilt University / Civil Engineering BS / 1998 / University of Mississippi / Civil Engineering		
Active registration number / state / expiration date		109132 / TN / 01-31-2023		
Year registered	2004	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Air and Noise Quality Analyses		
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 time specified in the applicable MPR(s).			
11/99 - Present	<p>Bowlby & Associates, Inc.:</p> <ul style="list-style-type: none"> • Expert in the use of the FHWA Traffic Noise Model (TNM 2.5) • Expert in the planning and conduct of highway traffic noise measurements • Past member of the Transportation Research Board Committee on Transportation-Related Noise and Vibration (AEP 80) • Trained and experienced with EPA’s MOVES and hot-spot modeling • Instructor of GIS/CAD section of Bowlby & Associates’ 5-day training course on Traffic Noise Fundamentals and TNM 2.5 • Experienced with a wide range of software: TNM 2.5, CadnaA (environmental noise model), MOVES2014, CAL3QHC, MicroStation, AutoCAD, and ArcMap GIS <p>Sample Projects:</p> <ul style="list-style-type: none"> • Tennessee DOT: Planned and conducted noise measurements, developed the noise models, assessed noise impacts, and assisted with report preparation for TDOT’s Statewide Type II Noise Barrier Needs Assessment and Prioritization Studies (also GIS development); I-275 Widening Noise Analysis, Knox County; State Route 840 Noise Analysis, Williamson County; State Route 141 Noise Analysis, Wilson County; Harding Place Extension Noise Analysis, Davidson County; I-124 Widening Noise Analysis, Hamilton County; I-240/40 Midtown Interchange Noise Barrier Design, Shelby County; I-240 Widening Noise Analysis, Shelby County; I-75 and I-24 Interchange Phase 2 Noise Analysis, Hamilton County; State Route 840 Pavement Noise Study, Rutherford and Wilson Counties; Briley Parkway Phases 4, 5 and 6 Noise Analysis, Davidson County; and I-40 Widening/Interchange Reconstructions Noise Analyses (Papermill Rd. & Cherry St. areas), Knox County; I-40 Widening Noise Analysis, Shelby County. • Louisiana DOTD: Planned and conducted noise measurements, developed the noise models, assessed noise impacts, completed air quality analyses, and assisted with report preparation for the I-49 South EIS Noise and Air Quality Analyses, Lafayette and Berwick; LA 21 Noise and Air Quality Analysis, Covington; Finks Hide-A-Way Road Noise Analysis, Monroe; Harvey Boulevard Noise and Air Quality Analyses, Harvey; 4th Avenue Extension Noise Analysis, Gretna; New Florida Bridge Noise and Air Quality Analyses, Orleans and St. Bernard Parishes, Peters Road On/Off Ramps/MacArthur Boulevard Noise Analysis, Jefferson Parish; US 190 Auxiliary Lane Additions from LA 22 to I-12 Noise Analysis, St. Tammany Parish (for NORPC); Hooper Road Extension and Widening EA Noise and Air Quality Analyses, East Baton Rouge and Livingston Parishes, and I-10 Widening Noise and Air Quality Analyses East and West Baton Rouge Parishes. • Arkansas DOT: Developed noise models, assessed noise impacts, and assisted with report preparation for the I-40 Widening Noise Analysis, North Little Rock; I-40 Widening Noise Analysis, Conway; US 67 Widening Noise Analysis, Jacksonville; I-49 			

	<p>Widening Noise Analysis, Washington and Benton Counties; and Highway 112 Widening Noise Analysis, Washington and Benton Counties.</p> <ul style="list-style-type: none"> • Mississippi DOT: Developed noise models, assessed noise impacts, and assisted with report preparation for the Greenville Bypass EIS Noise Analysis Washington and Bolivar Counties; Vicksburg Port Connector Road EA Noise Analysis, Warren County; and SR 43 EIS Noise Analysis, Hancock County. • Maryland SHA: US 113 Widening, Phases 3-5 Noise and Air Quality Analyses, Worcester County. • South Carolina DOT: SC 290/SC 253 Intersection Noise Analysis, Greenville County; S 458/SC 8 Intersection Noise Analysis, Anderson County; and US 501 Improvements Noise Analysis, Horry County. • Illinois DOT: State Route 13/15 Widening Noise Analysis, St. Clair County. • Ohio DOT: I-675 Undeveloped Land Use Noise Study, Dayton, OH; SR 8 Noise Barrier Reflections Evaluation, Silver Lake; and I-480/Turnpike Rumble Strip and Traffic Noise Analysis, Lorain County. • California DOT: I-805 Noise Barrier Design Noise Analysis, San Diego County. • New York State DOT: Region 1 Noise Barrier Feasibility Study. • Illinois State Toll Highway Authority: I-294 Noise Barrier Study, Chicago. • National Cooperative Highway Research Program: Researcher on NCHRP Project 25-34 on Supplemental Guidance on the Application of FHWA's Traffic Noise Model (TNM). • Indiana Department of Transportation: Louisville-Southern Indiana Ohio River Bridges Project Noise Study, Jeffersonville.
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Firm employed by:		The Lakvold Group, LLC			
Name	Angela Lemoine-Lakvold, MAI, SRA, R/W-AC		Years of relevant experience with this employer		23
Title	Appraiser		Years of relevant experience with other employer(s)		36
Degree(s) / Years / Specialization		BS / 1985 / Business and Public Administration; MBA / 1998			
Active registration number / state / expiration date		G0575 / LA / 12/2023			
Year registered	1992	Discipline	General Real Estate Appraiser		
Contract role(s) / brief description of responsibilities		Conceptual Stage Relocation Plan			
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 time specified in the applicable MPR(s).				
03/86 - 08/90	Staff Appraiser with LA Department of Transportation and Development				
01/10 - Present	Completed appraisals and appraisal reviews on numerous right-of-way projects for federal, state, and local government entities. Example of Projects: <ul style="list-style-type: none"> • Ascension Parish Project No. MA-18-02, Parish Road 929 at Braud Road Roundabout, Ascension Parish, LA • Facility Planning and Control Project No. 50-J53-14-03, Hoover Road Widening, Tangipahoa Parish, LA • Runway 13-31 Safety Enhancement, Hammond Northshore Regional Airport, Tangipahoa Parish, LA • St. Tammany Regional Airport, Acquisition for Runway Improvements, St. Tammany Parish, LA • State Project No. H.010815, LA 124 Extension (Segment 1), Catahoula Parish, LA • State Project No. H.00984, LA 75 Bayou Bridge, Iberville Parish, LA • State Project No. H.002381, LA 43 Creek Bridge Near Albany, Livingston Parish, LA • State Project No. H.002101, Bayou Des Cannes Bridge – LA Highway 104, Evangeline Parish, LA • State Project No. H.011198, LA 1026 Roundabout at Dunn Road, Livingston Parish, LA • West Colyell Creek, Livingston Parish, LA • Project No. 13-BR-LA-0023, Milldale Road Bridge Over Beaver Creek, East Baton Rouge Parish, LA • Bussey Brake, Morehouse Parish, LA 				
01/12 - Present	Completed several Conceptual Stage Relocation Plans as part of the Environmental Assessment for several projects. Example of Projects: <ul style="list-style-type: none"> • State Project No. H.002344, CPP No. 12-CS-HC-0015, Perkins Road- Siegen Lane to Highland, Road, East Baton Rouge Parish, LA • State Project No. H.004932 (Design-Build), US 90 (Future I-49) La 318 Interchange, St. Mary Parish, LA • State Project No. H.007970, CPP No. 12-CS-HC-0043, Old Hammond Highway (LA 426) Segment 1, East Baton Rouge Parish, LA • State Project No. H.011670 (Design-Build), F.A.P. No. H011670, Interstate 10/Loyola Interchange Improvements, Jefferson Parish, LA • State Project No. H.005734, F.A.P. No. H005734, LA 447 Corridor Study, Route LA 447, Livingston Parish, LA • State Project No. H.001271, Cane River Bridge Church Street, Route LA 1-X, Natchitoches Parish, LA • State Project No. H0012308, Cook Road Imp: LA 16 to Juban Crossing, Livingston Parish, LA • State Project No. H.000284 and H.000289, F.A.P. No. H000284 and H000286, US 90 Pearl River Bridges, Route US 90, St. Tammany Parish, LA and Hancock County, MS • State Project No. H.009932, F.A.P. No. H009932, US 80 Widening: Vancil Road to Well Road, Ouachita Parish, LA 				

SECTION 17

WE ARE EXPERIENCED WITH LADOTD NEPA PROJECTS

Our team has completed numerous EA, EIS, and CE documents for LADOTD and other agencies.

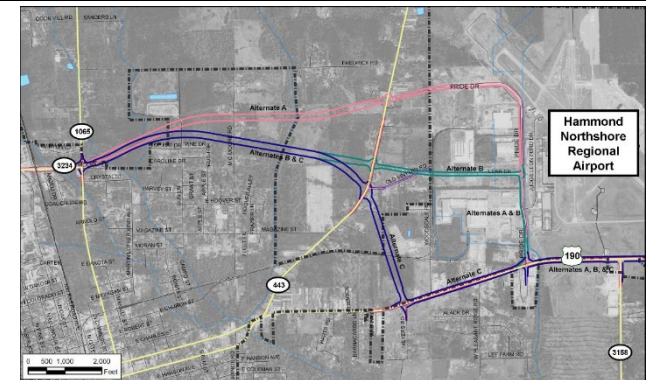
17. Firm Experience: Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant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

Firm Name	N-Y Associates, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project name	1. 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)	Present	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:

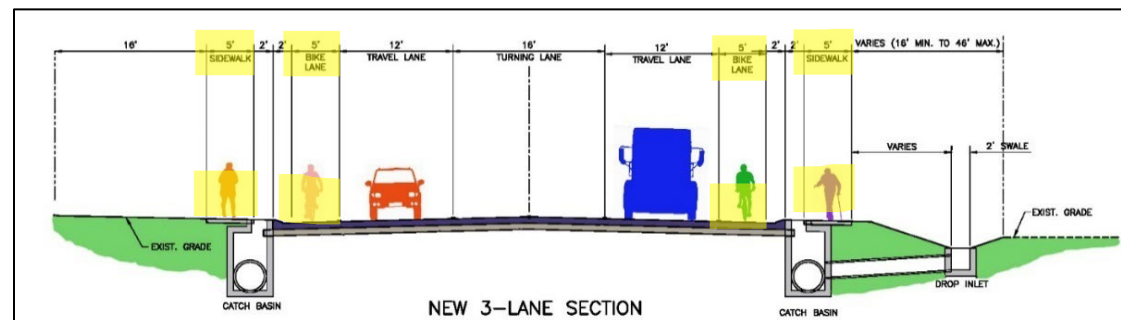
- a traffic analysis
- development of alternatives
- conceptual roadway (a new 3-lane divided roadway) and bridge plans (pre-cast concrete girders)
- cost estimates
- human and environmental impact analyses
- stakeholder coordination
- a conceptual relocation plan
- a public outreach program
- Utilities

N-Y MEMBERS

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

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

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.



Firm Name	N-Y Associates, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project name	2. 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

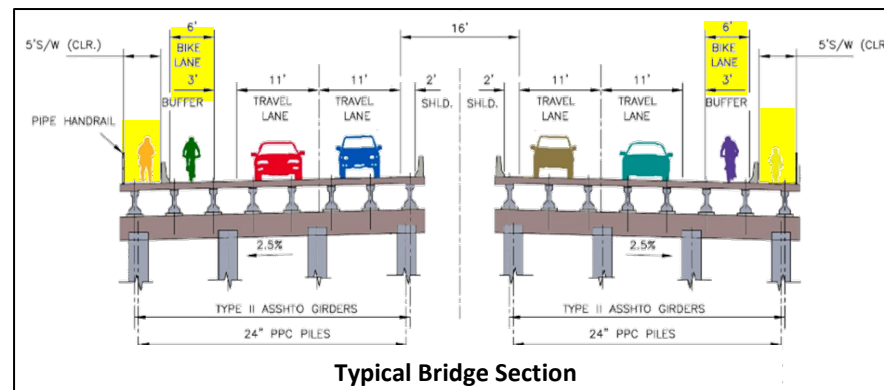
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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:

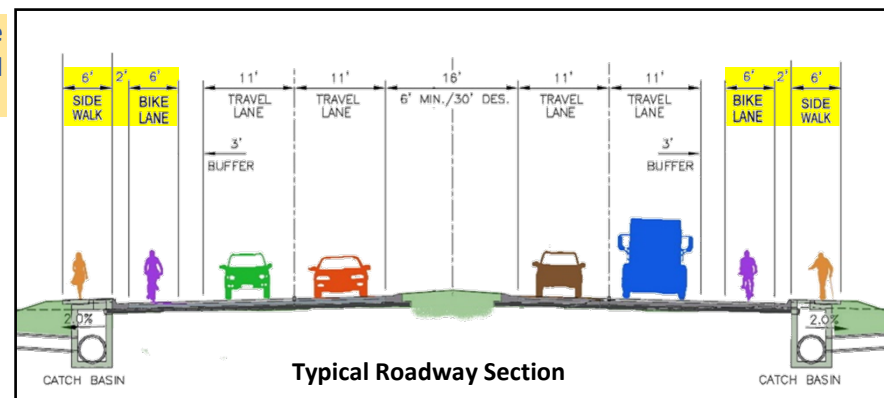
- Traffic Analysis
- Line and Grade Study
- Mapping
- Development of Alternatives
- Conceptual Roadway (a new 4-lane divided roadway) and Bridge Plans (pre-cast concrete girders)
- Cost Estimates
- Human and Environmental Impact Analyses
- Stakeholder Coordination
- Conceptual Relocation Plan
- Public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



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

F. Nicoladis, PE
J. Simmons, PE
B. Richards, AICP, PTP, GIP
Lydia Jemison, AICP
M. Nicoladis, EI, MBA
D. Voss, NICET



Firm Name	N-Y Associates, Inc.			Past Performance Evaluation Discipline(s)*		Environmental	
Project name	3. Hooper Road Extension (LA 408) Stage 1 Environmental Assessment				Firm responsibility (prime or sub?)		Prime
Project number	H.005403; H.009300.1	Owner's name	LADOTD				
Project location	East Baton Rouge and Livingston Parishes, 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)		03/12	Total consultant contract cost (\$1,000's)			\$973	
Services completed by this firm (mm/yy)		09/15	Cost of consultant services provided by this firm (\$1,000's)			\$667	
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 improvements to and extension of Hooper Road (LA 408) in East Baton Rouge and Livingston Parishes.

Hooper Road will be improved to create a new four-lane corridor stretching from LA 16 to I-110 that will provide suburban areas access to downtown Baton Rouge. This project is the last link of the corridor, including a **widening of Hooper Road from 2-lane to 4-lanes between Sullivan Road and Greenwell Springs Road, as well as a 4-lane extension of Hooper Road via a new bridge across the Amite River into Livingston Parish, eventually linking up with LA Hwy 16 in that parish.**

This study included:

- Development of Alternatives and Alternative Analyses
- Concept Roadway and Bridge Plans / Line and Grade
- A Traffic Impact Study
- Cost Estimates
- Environmental Impact Analyses
- Conceptual Relocation Plan
- A Public Participation Program
- Utilities

The project also addressed the LADOTD Complete Streets Policy, and the preferred alternative conceptual design included new sidewalks and 8 ft. wide shoulders suitable for bicycling on the widened portion of Hooper Road, and the new bridge over the Amite River.

Urban Systems, Inc, Bowlby & Associates, Inc., and Coastal Environmental, Inc. worked with N-Y on this project.

N-Y MEMBERS

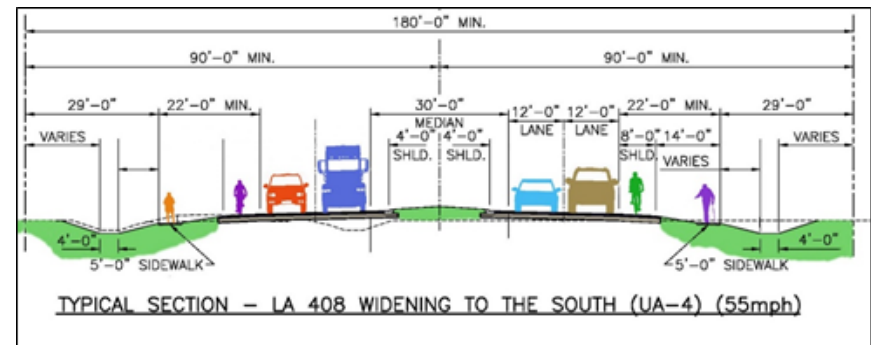
F. Nicoladis, PE
B. Richards, AICP, PTP, GIP
Lydia Jemison, AICP
J. Simmons, PE
M. Nicoladis, EI, MBA
D. Voss, NICET

TECHNICAL CRITERIA:

- Louisiana Standard Specifications for Roads and Bridges
- Federal Highways Administration (FHWA)
- American Association of State Highway and Transportation Officials (AASHTO)
- Americans with Disabilities Act (ADA)

PROJECT FEATURES:

- Environmental Assessment (NEPA)
- Conceptual Roadway and Bridge Design
- Complete Streets

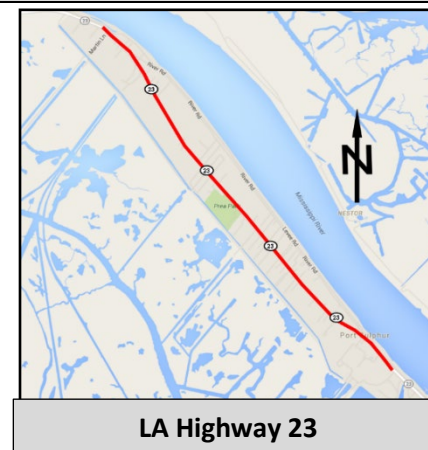


Firm Name	N-Y Associates, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	4. LA 23 Widening (Happy Jack to N. Port Sulphur)			Firm responsibility (prime or sub?)	Prime
Project number	H.009215.1	Owner's name	A. Regional Planning Commission; B. Plaquemines Parish		
Project location	Plaquemines Parish, LA		Owner's Project Manager	A. Jeffrey Roesel, AICP; B. Ken Dugas, PE	
Owner's address, phone, email		A. 10 Veterans Blvd., New Orleans, LA 70124 / (504) 483-8528 / jroesel@norpc.org B. 333 F Edward Hebert Blvd., Belle Chasse, LA 70037 / (504) 934-6116 / kdugas@ppgov.net			
Services commenced by this firm (mm/yy)	A. 06/11; B. 09/14		Total consultant contract cost (\$1,000's)		\$1,934
Services completed by this firm (mm/yy)	A. 12/14; B. 12/23 (E)		Cost of consultant services provided by this firm (\$1,000's)		\$1,614

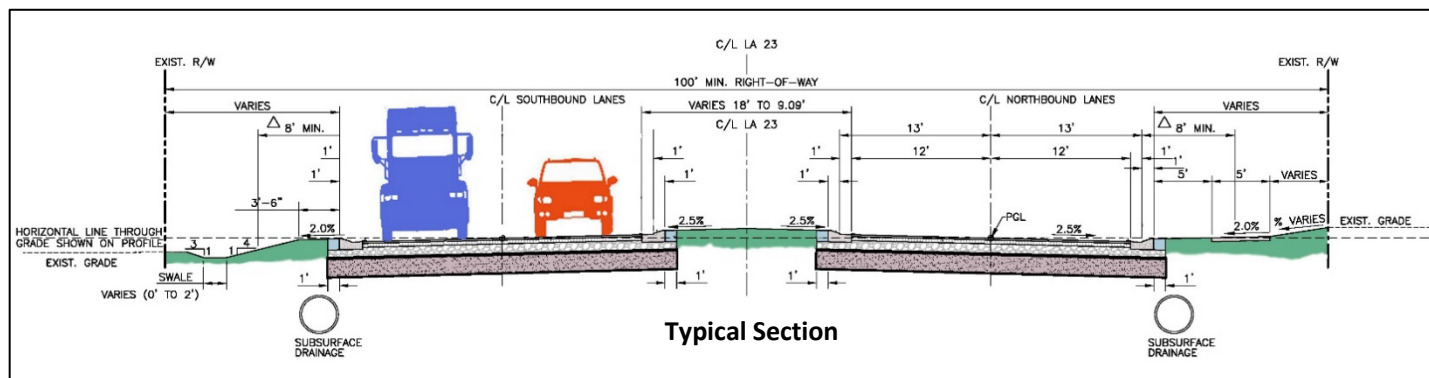
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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

- A. Plaquemines Parish, the LADOTD, and the RPC saw the need to widen this segment to four lanes, and thus commissioned a Stage 1 Environmental Assessment. The EA included the development, refinement, and analysis of alternatives, conceptual roadway and drainage plans, cost estimates and an analysis of likely impacts.
- B. After completion of the EA, Plaquemines Parish selected N-Y to prepare the topographic survey and the construction plans and specifications for reconstructing the existing 3.8-mile two-lane roadway with open ditches to a new four-lane divided roadway **with subsurface drainage and utility relocations**. All work is being done to LADOTD standards and reviewed by LADOTD.



Urban Systems, Inc, Bowlby & Associates, Inc., and Coastal Environmental, Inc. worked with N-Y on this project.



N-Y MEMBERS

F. Nicoladis, PE
B. Richards, AICP, PTP, GIP
M. Nicoladis, EI, MBA
J. Simmons, PE
F. Mortali, PE
D. Voss, NICET

Firm Name	N-Y Associates, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	5. Environmental Assessment for Ambassador Caffery Parkway (Willow Road to Carenco)			Firm responsibility (prime or sub?)	Prime
Project number	700-30-0213; 700-28-0123	Owner's name	LADOTD		
Project location	Lafayette 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)		1996 (EI); 2006 (EA)	Total consultant contract cost (\$1,000's)		\$305
Services completed by this firm (mm/yy)		1998 (EI); 2012 (EA)	Cost of consultant services provided by this firm (\$1,000's)		\$114,000

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

A Line & Grade Study and Environmental Evaluation (1998), and a Stage 1 Environmental Assessment (2012) for an extension of Ambassador Caffery Parkway, a major North-South thoroughfare in Lafayette, Louisiana. The total length of the project is approximately eight (8) miles, including tie-ins to two (2) existing interchanges at I-10 and I-49, with improvements to both interchanges.

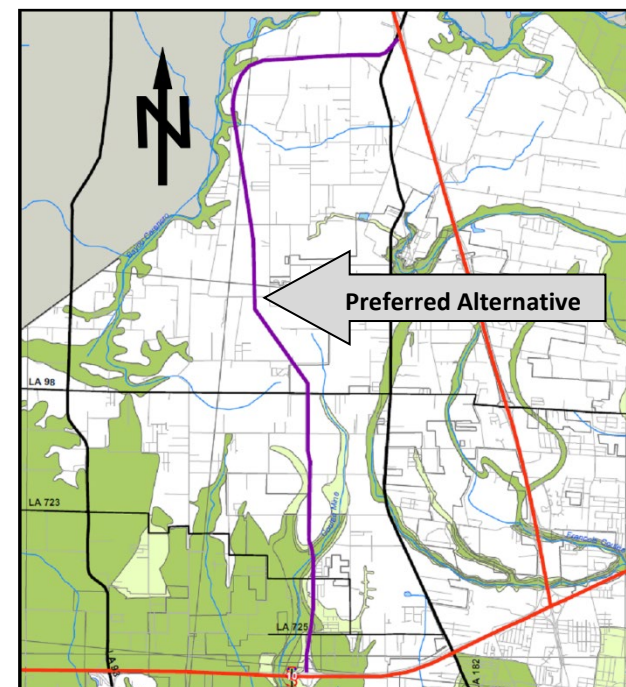
N-Y was also a major subconsultant for the initial Feasibility Study and Environmental Evaluation and was subsequently selected as the prime consultant for the Environmental Assessment for this project.


Coastal Environmental, Inc. and Bowlby & Associates, Inc. worked with N-Y on this project.

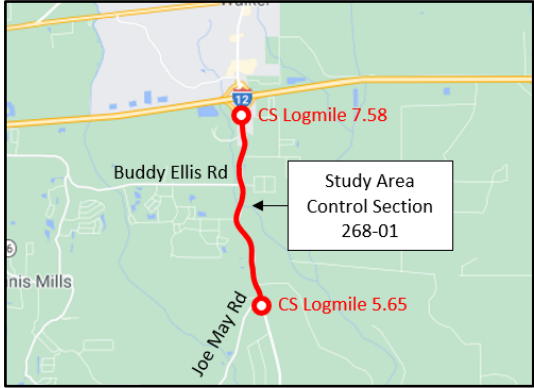
100% of work performed in Louisiana.

N-Y MEMBERS

F. Nicoladis, PE
B. Richards, AICP, PTP
M. Nicoladis, EI
J. Simmons, PE
D. Voss, CET



Firm Name	Urban Systems, Inc.		Past Performance Evaluation Discipline(s)*	Traffic
Project name	6. US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design / Build		Firm responsibility (prime or sub?)	Sub
Project number	SP H.010620	Owner's name	LADOTD	
Project location	Lafayette Parish, LA		Owner's Project Manager	Peggy Jo Paine, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana, 70802 / 225-379-1065 / 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)	\$232.6	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
<p>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.</p> <p>Signage and Traffic Signal Plans</p> <p>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.</p> <p>Temporary Traffic Control Plans (TCDP)</p> <p>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.</p> <p>Traffic Study and TMP</p> <p>Traffic analysis was conducted during the project 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.</p> <p>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 <i>Part III: Guidelines for Conducting a Safety Analysis for Transportation Management Plans and Other Work Zone Activities, May 2013</i>. 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.</p>				
		Urban Members N. Stewart A. Michel M. Morgan		

Firm Name	Urban Systems, Inc.			Past Performance Evaluation Discipline(s)*	Traffic
Project name	8. LA 447 Corridor Study			Firm responsibility (prime or sub?)	Sub
Project number	H. 005734.2	Owner's name	LADOTD		
Project location	LA 447, Livingston Parish, LA		Owner's Project Manager	Ryan Morvant	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana, 70802 / 225-379-1065 / ryan.morvant@la.gov				
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm (\$1,000's)			\$103
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>This project was the Traffic Engineering portion of a Stage 1, Environmental Assessment for improvements to LA 447 from north of Interstate 12 (I-12) to LA 16. The existing corridor included a two-lane section from I-12 to just south of Joe May Rd. Previous studies identified potential capacity improvements; therefore, the focus of the traffic study was safety. A change in the roadway classification, however, required a re-evaluation of the proposed three-lane section south of Buddy Ellis Road.</p> <p>Crash reports were obtained from the LADOTD database for a three-year period (2017-2019). The crash reports were reviewed and discrepancies between the report, narrative and drawing were corrected in the LADOTD CatScan Tool. In addition to correcting crash report information, a summary of crash narratives and collision diagrams were prepared. Crash characteristics including type of collision, time of day, severity, roadway and lighting conditions were compared to statewide averages to assist in identifying trends. A combined review of the crash reports, CatScan outputs, crash narratives and collision diagrams were utilized to identify any existing safety issues along the corridor.</p> <p>In addition to the existing safety analysis, three phases of the preferred alternative for the project were evaluated for their individual safety benefits. The phases of construction included constructing a three-lane section, constructing a roundabout and constructing a four-lane divided section. The predictive method was used per the Highway Safety Manual to estimate the crashes with and without proposed improvements. Where alternative intersection configurations were proposed, crash modification factors were used to estimate how the number of crashes would change. The findings of the existing safety analysis and evaluation of the preferred alternative were summarized in a report.</p>					
<div style="text-align: right;">  </div>					
<div style="text-align: right;"> <div style="border: 1px solid black; padding: 5px; background-color: #e6f2ff;"> Urban Members N. Stewart A. Weeks A. Michel </div> </div>					

Firm Name	Coastal Environmental, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	9. Stage 1 EA, Hooper Rd Extension & Widening			Firm responsibility (prime or sub?)	Sub
Project number	H.005403.2	Owner's name	LADOTD		
Project location	East Baton Rouge and Livingston Parishes, LA		Owner's Project Manager	Nicholas Olivier	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / (225) 379-1733 / Nicholas.Olivier@la.gov				
Services commenced by this firm (mm/yy)	05/12	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	16/15	Cost of consultant services provided by this firm (\$1,000's)			\$137
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>Synopsis: The LDOTD proposes to widen and extend Hooper Rd (LA 408) from its existing terminus at LA 37/64 to LA 16 and construct a new bridge over the Amite River. CEI, as subcontractor to N-Y & Associates, Inc., conducted surveys to document setting and environmental effects of three alternatives on wetlands, threatened and endangered (T&E) species, cultural resources and hazardous materials.</p> <p>Methodology/Results: Wetlands & Threatened and Endangered Species: CEI biologists researched databases; coordinated with LDWF, USFWS and LDOTD biologists and conducted field surveys. A wetland delineation was prepared according to USACE criteria for three alternative ROWs. A Wetland Findings report was prepared according to FHWA criteria and results reported in the EA.</p> <p>CEI biologists consulted with USFWS, LDWF and LDOTD and conducted aquatic field surveys in vicinity of two alternative bridge crossings of the Amite River for the Alabama (Inflated) Heelsplitter Mussel; none was located.</p> <p>Hazardous Wastes: An ESA-Phase 1 survey was performed according to ASTM standards. No sites of environmental concern were identified.</p> <p>Cultural Resources: A Cultural Resources Report and a Sec. 106 Adverse Effect Documentation were developed through field surveys of potential area of impact for three alternative sites and records searches at LA Div. of Historic Preservation and Div. of Archaeology. No archaeological remains were found and no archaeological sites were recorded. A total of 78 structures constructed before 1968 were examined and sixty-three of these were common to all alternatives. No structures was considered eligible for listing on the HRHP.</p> <p>Deliverables: Wetland Findings Report, Biological Assessment (Alabama [Inflated] Heelsplitter Mussel); ESA 1 report; Cultural Resources Report, Section 106 Adverse Effect Documentation; sections of EA on wetlands, T&E species, cultural resources, hazardous materials.</p>					

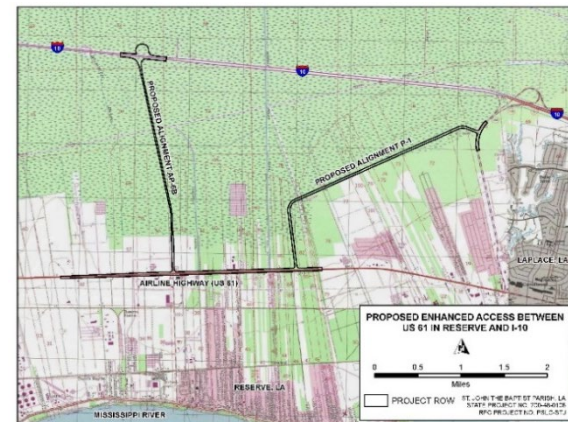


Coastal Members
Karen Wicker
Walker Wilson
David Kelley
Sara Hahn

Firm Name	Coastal Environmental, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	10. US HWY 61 – I-10 Connector EIS			Firm responsibility (prime or sub?)	Sub
Project number	H.004891	Owner's name	LADOTD / NO Regional Planning Commission		
Project location	St. John the Baptist Parish, LA		Owner's Project Manager	Jeffrey Roesel, AICP	
Owner's address, phone, email	10 Veterans Memorial Blvd., New Orleans, LA 70124 / (504) 483-8500 / jroesel@norpc.org				
Services commenced by this firm (mm/yy)		02/10	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		02/15	Cost of consultant services provided by this firm (\$1,000's)		\$75
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					

The Regional Planning Commission proposes to construct a road to improve access from US 61 to I-10 in Reserve. As subcontractor to N-Y Associates, Inc., Coastal Environments, Inc. (CEI) provided environmental services related to the NEPA process: evaluated alternatives; documented environmental setting and potential impacts for alternates; prepared NEPA associated documents and sections of the environmental impact statement (EIS).

CEI biologists conducted background research; coordinated with biologists with LDWF & USFWS regarding T&E species; conducted field surveys to delineate wetlands using USACE criteria; flew the area seeking locations of Bald Eagle nests and colonial nesting bird colonies; prepared report of findings for FHWA & USACE and described environmental setting and impacts. Alternate AP-6B would impact more wetlands than Alternate P-1; but neither alternate would impact T&E species.



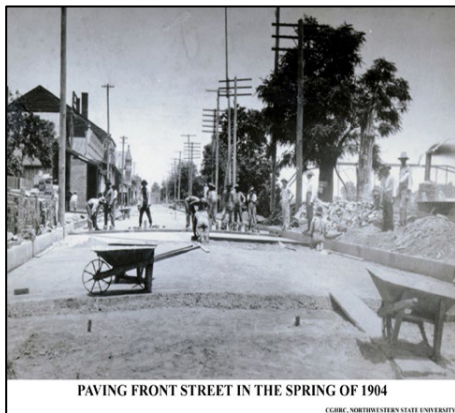
CEI archaeologists and historians conducted literature and records review, standing structure surveys and shovel testing along the P-1 and AP-6B corridors. one standing structure form was prepared. The cultural resources report documented the area's history, research and survey methodology and reported no archaeological sites.

The **Environmental Site Assessment Phase 1 investigation** was conducted according to ASTM protocols to identify: 1) potential, abandoned hazardous and solid waste sites, 2) active hazardous waste generators, 3) facilities that treat, store, and/or dispose of hazardous wastes and 4) underground and aboveground storage tanks. No recognized environmental conditions were identified for either alternate.

Deliverables: Reports for Wetland Findings, ESA 1, Cultural Resources; Standing Structure Survey Form; EIS sections on wetlands, T&E species, cultural resources, hazardous materials.

Coastal Members
Karen Wicker
Walker Wilson
Sara Hahn

Firm Name	Coastal Environmental, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	11. Front Street Natchitoches			Firm responsibility (prime or sub?)	Prime
Project number	700-35-0123	Owner's name	LADOTD		
Project location	Natchitoches, LA		Owner's Project Manager	Jan Grenfell	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 / (225) 242-4509 / jan.grenfell@la.gov				
Services commenced by this firm (mm/yy)	03/08	Total consultant contract cost (\$1,000's)			\$502
Services completed by this firm (mm/yy)	11/11	Cost of consultant services provided by this firm (\$1,000's)			\$502
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					



Front Street in Natchitoches, LA was brick paved in 1904 and widened in the late 1920s. In 1974, Front Street was determined to be a contributing element to a National Register District and ten years later, it became part of a National Historic Landmark District. After almost 100 years of sustained traffic, the subbase of the roadway began to fail, and it was necessary for the Federal Highways Administration (FHWA) and the LA Dept. of Transportation and Development (LADOTD) to refurbish the roadway by removing all brick paving and sub-base from a five-block segment of LA 6 Business in downtown Natchitoches. Concomitant with the work, all subsurface utilities along Front Street were replaced by the City of Natchitoches. Coastal Environments, Inc., (CEI) aided LADOTD and FHWA over a five-year period with this high-profile project and in 2009 was presented with two awards: LADOTD Transportation Excellence Award: Context Sensitive Solutions/Public Involvement, and Excellence Award: Excellence in Customer

Service.

Project related construction activities encountered archaeological remains soon after work began in March 2008, and CEI was contracted to immediately begin monitoring ground disturbing construction activities; to conduct an archaeological survey concurrent with the construction; and to determine the National Register of Historic Places (NRHP) eligibility for all encountered archaeological sites. Ultimately, eight archaeological sites dating between 1750 and 1950 were identified within the project area—two of which have been recommended eligible for inclusion on the NRHP.



Coastal Members
David Kelley
Thurston Hahn

Firm Name	Bowlby & Associates, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	12. Interstate 10, LA 415 to Essen Lane (I-10/I-12)			Firm responsibility (prime or sub?)	Sub
Project number	H.004100.2	Owner's name	LADOTD		
Project location	East and West Baton Rouge Parishes, LA			Owner's Project Manager	Noel Ardoin
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225-242-4501 / noel.ardoin@la.gov				
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	11/19	Cost of consultant services provided by this firm (\$1,000's)			\$225.8
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					

Project Description: Widening I-10 from LA415 to Essen Lane (I-10/I-12) to provide additional through lanes through Baton Rouge, reconstructing several interchanges, and installing noise barriers.

Firm's Role: Sub-consultant to Providence Engineering. Air Quality and Noise Evaluations, and Public Involvement.

Bowlby Members
Darlene Reiter
Geoff Pratt
Rennie Williamson

Firm Name	Bowlby & Associates, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	13. LA 3234 Extension, LA1065 to Hammond Airport			Firm responsibility (prime or sub?)	Sub
Project number	H.008915	Owner's name	LADOTD		
Project location	Tangipahoa Parish, LA			Owner's Project Manager	Noel Ardoin
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225-242-4501 / noel.ardoin@la.gov				
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost (\$1,000's)			\$913.9
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm (\$1,000's)			\$35.6
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>Project Description: Construction of an extension of LA3234 on a new alignment between LA1065 and Hammond Airport. The Environmental Assessment evaluated three alternatives.</p> <p>Firm's Role: Sub-consultant to N-Y Associates, Inc. Air Quality and Noise Evaluations.</p>					
<div style="border: 1px solid black; padding: 5px; text-align: center;"> Bowlby Members Darlene Reiter Geoff Pratt </div>					

Firm Name	Bowlby & Associates, Inc.			Past Performance Evaluation Discipline(s)*	Environmental
Project name	14. US 90 Pearl River Bridges			Firm responsibility (prime or sub?)	Sub
Project number	H.000284	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA			Owner's Project Manager	Noel Ardoin
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225-242-4501 / noel.ardoin@la.gov				
Services commenced by this firm (mm/yy)	12/15	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	10/19	Cost of consultant services provided by this firm (\$1,000's)			\$20.6
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>Project Description: Reconstruction of the US 90 Pearl River Bridges including alternatives with new alignments.</p> <p>Firm's Role: Sub-consultant to Neel-Schaffer, Inc. Air Quality and Noise Evaluations.</p>					
<div style="border: 1px solid black; background-color: #d9e1f2; padding: 10px; text-align: center;"> Bowlby Members Darlene Reiter Geoff Pratt </div>					






Firm Name	The Lakvold Group, LLC			Past Performance Evaluation Discipline(s)*	Appraiser
Project name	15. US 80 Widening: Vancil Road to Well Road			Firm responsibility (prime or sub?)	Sub
Project number	H.009932	Owner's name	CSRS, Inc.		
Project location	Ouachita Parish, LA			Owner's Project Manager	Joe Earls
Owner's address, phone, email	8555 United Plaza Boulevard, Baton Rouge, Louisiana; Phone 833-523-2526; joseph.earls@csrsinc.com				
Services commenced by this firm (mm/yy)	05/19	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	08/19	Cost of consultant services provided by this firm (\$1,000's)			\$7,200
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>Firm's Role: Completed Conceptual Stage Relocation Plan based on various alternatives. The plan included viewing the project area and researching the market area and real estate transactions and available real estate inventory.</p> <p>Project Management and Final Transportation Study and Deliverables. These tasks included providing the completed document for review and inclusion in the Environmental Assessment.</p>					
<div style="border: 1px solid black; padding: 5px; text-align: center;"> Lakvold Group Members Angela Lemoine-Lakvold </div>					

Firm Name	The Lakvold Group, LLC			Past Performance Evaluation Discipline(s)*	Appraiser
Project name	16. Belle Chasse Bridge & Tunnel			Firm responsibility (prime or sub?)	Sub
Project number	H.0049791	Owner's name	CSRS, Inc.		
Project location	Jefferson and Plaquemines Parishes, LA			Owner's Project Manager	Joe Earls
Owner's address, phone, email	8555 United Plaza Boulevard, Baton Rouge, Louisiana; Phone 833-523-2526; joseph.earls@csrsinc.com				
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	03/22	Cost of consultant services provided by this firm (\$1,000's)			\$120,000
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>Firm's Role: Complete appraisals for the acquisition of the right-of-way for the construction of the project.</p> <p>Project Management and Final Transportation Study and Deliverables. These tasks included meeting with property owners, cost consultants, and project managers. Analysis and research of the real estate market and completion of individual appraisals on the various parcels.</p>					
<div style="border: 1px solid black; padding: 5px; text-align: center;"> Lakvold Group Members Angela Lemoine-Lakvold </div>					

Firm Name	The Lakvold Group, LLC			Past Performance Evaluation Discipline(s)*	Appraiser
Project name	17. Interstate 10 / Loyola Interchange Improvements			Firm responsibility (prime or sub?)	Sub
Project number	H.011670	Owner's name	CSRS, Inc.		
Project location	Jefferson Parish, LA			Owner's Project Manager	Joe Earls
Owner's address, phone, email	8555 United Plaza Boulevard, Baton Rouge, Louisiana; Phone 833-523-2526; joseph.earls@csrsinc.com				
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	08/19	Cost of consultant services provided by this firm (\$1,000's)			\$17,400
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)					
<p>Firm's Role: Completed Conceptual Stage Relocation Plan based on various alternatives. Plan included viewing the project area and research of the market area and real estate transactions and available real estate inventory. Completed the advanced acquisition of the Red Roof Inn.</p> <p>Project Management and Final Transportation Study and Deliverables. These tasks included providing the completed document for review and inclusion in the Environmental Assessment. Analysis and research of the real estate market and completion of individual appraisals on the various parcels.</p>					
<div style="border: 1px solid black; padding: 5px; text-align: center;"> <u>Lakvold Group Members</u> Angela Lemoine-Lakvold </div>					

SECTION 18

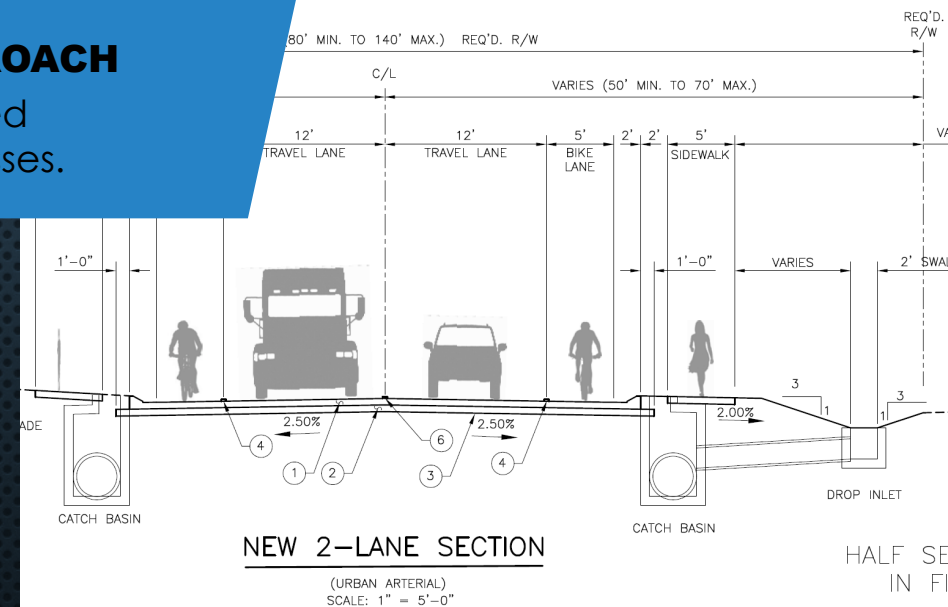
LEGEND

PGL	PROFILE GRADE LINE
---	C/L PROPOSED ROADWAY
	PROPOSED BRIDGE STRUCTURE
	PROPOSED AT-GRADE ROADWAY
	PROPOSED MEDIAN
	PROPOSED ROUNDABOUT TRUCK APRON
---	PROPOSED REQ'D. R/W
---	APPARENT EXIST. R/W
---	MATCHLINE
	PROPOSED SIGNALIZED INTERSECTION



WE HAVE A PROVEN YET INNOVATIVE APPROACH

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



LA 1065 (N. CHERRY ST.) TO LA443 (MORRIS RD.) - ALTERNATE C
LA 443 (MORRIS RD.) TO US190 - ALTERNATE C

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

Project Understanding

N-Y and its team have many years of LADOTD experience, and a solid understanding of the NEPA process. Under the helm of planning director Bruce Richards, over the last 23 years we have completed six (6) Environmental Assessments (EAs) with Findings of No Significant Impact for the LADOTD (with an additional one underway but on-hold), and four (4) additional EAs for the New Orleans Regional Planning Commission (RPC). As a major sub-consultant, we have completed one Environmental Impact Statement (EIS) for the LADOTD and as a prime have one EIS in progress for the RPC. And under the Louisiana Rural Bridge Program, we have completed two (2) Categorical Exclusions for the LADOTD, have two more underway, and will be completing five more in the coming year.

We have worked on roadway planning and design projects all over the state of Louisiana. We have visited and researched the project at hand in preparing our submittal, gaining an understanding of the problems, challenges and opportunities associated with this particular project.

St. Nazaire Road extension from LA 96 to Corne Road appears to be a straightforward case of extending an existing roadway to improve connectivity and alleviate congestion at an existing intersection. The proposed roadway section meets state standards and with a median, sidewalks and paved shoulder/bike lane will serve as a complete street. The area traversed is undeveloped woodlands and agricultural fields, with environmental impacts expected to be low or minimal.



View of current terminus of St. Nazaire Road at LA 96. The proposed roadway extension would proceed southward through this wooded area and thence across several acres of agricultural fields.

However, there are several interesting features of this improvement which could make the Stage 1 process more involved and complex:

- The re-alignment of a heavily trafficked section of LA 182;
- Maintaining access to Lakeview Drive via a new access roadway off of the St. Nazaire extension;
- Roadway proximity to the Magnolia Ridge residential area;
- Roadway proximity to Zoo Acadiana (Zoosiana);
- Traffic control at newly created and reconfigured intersections: LA 96 and St. Nazaire Road, Highway 182 and the St. Nazaire extension, and the St. Nazaire extension and Corne Road, and perhaps most importantly;
- Proposed change from a currently lightly used railroad crossing (into the residential area of Lakeview Drive and the rear entrance to Zoo Acadiana/Zoosiana), to a new, much more heavily used new railroad crossing at the St. Nazaire extension.



LA 182 looking north at site of New St. Nazaire intersection. The Stage 0 study included a relocation of Highway 182 in this area, a new roundabout intersection, and a new crossing of the BNSF railroad shown on the left side of the photo.

Approach and Methodology

The N-Y team fully understands the **Stage 1 Planning/Environmental** process as described in the Scope of Work, as well as the specific tasks listed, and has the ability to complete the project successfully.

The first listed task, **Project Work Plan & Schedule**, is common to all of the LADOTD environmental jobs that we have completed. The N-Y team will prepare the work plan in accordance with the most recent FHWA PMP Guidance and LADOTD Project Manual. The work plan will include details on the participants (who is responsible for which tasks), the project scope (including any agreed-to revisions), a plan for public and agency participation, and a proposed project schedule.

The next task in the Scope, **Agency and Public Coordination**, is an integral part of any NEPA process, and the N-Y team as evidenced in our credentials has much experience in completing this task. The process followed in undertaking the solicitation of views, agency meetings, and public and stakeholder meetings will follow the proscribed manuals and guidelines, but as the pandemic has shown, there must be ways other than the traditional ones to reach out to stakeholders and the general public.

In addition to in-person attendance, public meetings can be held in a concurrent streaming fashion over the internet, and also recorded and available for post-meeting review. In some instances, these meetings may even be broadcast on local cable access channels. Agency and stakeholder meetings can be in-person, online Zoom or Teams meetings, or a hybrid of both to get better attendance and representation.

The N-Y team has experience in using these new technologies and is committed to (with LADOTD concurrence) exploring and using the best possible means to obtain stakeholder and public participation, input, and feedback.

Environmental Analysis and Documentation, the next task in the Scope of Work, is the heart of the NEPA process. This is where the **purpose and need** are finalized and documented, the **alternatives** (including the No-Build Alternative) are developed and defined, the **affected environment** is described and described, the likely impacts from the alternatives are projected, and where the required **permits, mitigation, and commitments** to the proposed action are summarized.

N-Y is aware that the first step in this process is to consult with the LADOTD and FHWA in determining the class of action for an environmental document (Categorical Exclusion, Environmental Assessment, or an Environmental Impact Statement) which will in turn determine which type of actions and procedures will follow. As noted in our introductory paragraph, we have experience in all three classes of action.

The conceptual development of **Alternatives** via a line and grade study has been completed on all of our LADOTD environmental roadway studies. N-Y's engineers have a firm understanding of the process. Starting with the concepts presented in the Stage 0 study, we will consult with LADOTD staff in establishing design criteria, then will produce typical sections, develop both horizontal and vertical geometry, address all infrastructure to be developed along the roadway (not just drainage, but also public and private utilities), and finally calculate a conceptual

estimate of costs for completing the roadway. Our designers will work hand-in hand with our sub-consultant Urban Systems, the LADOTD traffic section, and the local MPO if necessary, to ensure that the roadway design will have an adequate projected level of service to meet future demand.

In our preliminary exploration of the project, the N-Y team has noted that this should be a rather straightforward project in terms of **impacts**. Taking place in a mostly developed urban environment (within the city limits of Broussard) there is likely to be very little in terms of long-term

environmental impacts (wetlands, water

resources, endangered & threatened species, etc.). Most of the site crosses agricultural fields, and while the planned extension does traverse a wooded section just south of LA 196, a cursory view of that area did not indicate any significant tree species as defined by EDSM I.1.1.21.

Human environment impacts (noise and air, cultural resources, hazardous waste sites, etc.) will be more likely. As an example, the proposed roadway will pass relatively close to several houses on Lantana Court in the Magnolia Ridge subdivision and will also pass near the boundaries of Zoo Acadiana/Zoosiana, so noise impacts will need to be closely examined.



Projected route of new roadway would run through this field right behind homes at the dead end of Lantana Court.



Existing Lakeview Drive crossing of the BNSF railroad running parallel to LA 182.

There is also the relocation of the current Lakeview Drive rail crossing to the new much more heavily traveled crossing at what will be the St. Nazaire Road extension. This will need to be examined intently in the impact analysis, in design, and in the traffic study. The Stage 0 Study shows a roundabout intersection a short

distance east of the new railroad crossing. The rail crossing and roundabout must be configured correctly so that train traffic does not result in back-ups or congestion on the roadways or the roundabout.

It should be noted that the St. Nazaire Road extension project, like many LADOTD projects, will not just be a case of addressing negative impacts. The project will certainly have positive impacts, which should also be documented. These include positive traffic impacts (increased connectivity and lessening of existing and future traffic congestion), enhanced pedestrian and bicyclist accessibility along the corridor (via new sidewalks and bike lane shoulders) and in general the opening up of the corridor to new development.



Area of proposed St. Nazaire Road extension crossing of the BNSF railroad running parallel to LA 182.

Traffic impacts will be fully explored in the **Traffic Study**, which will be completed by our sub-consultant Urban Systems, Inc. (USI). This task occurs early in the process, concurrently and often proceeding the line and grade conceptual engineering, because the traffic work is needed to determine lane and intersection capacity which influences design. On this project, these decisions will be key, as this is a new roadway designed to handle not only re-directed traffic in the near-term, but also future traffic demands that will arise from the development of open lands, which will now have direct roadway access. Urban Systems, Inc. (USI) has worked with N-Y on almost all of our LADOTD environmental roadway projects and is well-familiar with the process followed under such a traffic study, beginning with the gathering of project data. The data collection will begin with collecting count and speed data, obtaining the Traffic Signal Inventories from the District Traffic Operations Engineer, and downloading crash data from LADOTD databases. USI collects traffic counts with its own staff and equipment as this provides the highest level of confidence in the data. The crash data will include summaries and the individual crash reports. USI's extensive safety analysis experience using the DOTD CAT Scan tool and QA/QC process will ensure accurate results. Use of EarthPoint tools to export and import the latitude and longitude locations settings provides precise accuracy on collision diagrams.

Following data collection, Urban Systems and N-Y will work with the local MPO and their travel demand model (as well as with the LADOTD) to determine the proper traffic growth rate, project no-build and build volumes and complete the analysis on alternatives and conduct a safety analysis. All traffic work associated with the project will be compiled in a stand-alone traffic study report, which will be an appendix to the main environmental document and also summarized within that document, along with relevant graphics and tables.

The **Cost Estimate** task is typically begun upon the completion of roadway design line and grade study task and continues into the completion of impact analysis task. N-Y has provided comprehensive cost estimates on all of its NEPA projects that include estimates for not just construction, but also for engineering design, right-of-way acquisition, utility relocation, residential and business relocation costs, and mitigation costs.

The final two tasks in the Scope of Work, **Project Mapping & GIS and Environmental Documents**, are where all the previous work comes together in a narrative and graphic document with maps, graphics, text and tables which describe the entire process and contain all pertinent data. N-Y over the last 23 years has moved to create more visually pleasing and reader-friendly documents and will continue to do so on this project.

If the Class of Action is an Environmental Assessment, the Consultant shall prepare the EA in accordance with FHWA's technical guidelines and regulations. Our past experience has made the N-Y team quite familiar with all steps of this process, from preparation of a preliminary draft, followed by FHWA and LADOTD review, then on to completion of a draft EA document with agency & public review and a Public Hearing, then final revision of the draft, obtaining a Finding of No Significant Impact (FONSI) and reproduction and distribution of the complete EA document.

Proposed Project Schedule

The N-Y team will provide a detailed schedule as part of the **Project Work Plan & Schedule** task described in the Scope of Work. As per the Scope, this detailed schedule will be presented within two weeks after the project kick-off meeting following receipt of a Notice to Proceed. Below is presented an initial schedule based upon (1) the three years' time of completion stated in the advertisement; (2) the tasks described in the Scope of Work; and (3) our previous experience with similar NEPA projects, namely environmental assessments. Three years roughly equals 36 months, and our schedule is illustrated in months. The schedule shows the relative start times and durations for each of the listed Tasks in the Scope.

TASK ITEM	M O N T H S																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Task - Project Work Plan & Schedule																		
Task - Line and Grade Study																		
Task - Agency and Public Coordination																		
Task - Environmental Analysis and Documentation																		
Task - Traffic																		
Task - Cost Estimate																		
Task - Project Mapping and GIS																		
Task - Environmental Documents																		

TASK ITEM	M O N T H S																	
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Task - Project Work Plan & Schedule																		
Task - Line and Grade Study																		
Task - Agency and Public Coordination																		
Task - Environmental Analysis and Documentation																		
Task - Traffic																		
Task - Cost Estimate																		
Task - Project Mapping and GIS																		
Task - Environmental Documents																		

SECTION

19



WE HAVE THE CAPACITY AND MANPOWER FOR THE JOB

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

19. **Workload:** For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
N-Y Associates, Inc.	Bridge	H.014242	Rural Bridge Replacement Initiative - Phase II - LA 142, Winn Parish	\$5,809
	Bridge	H.014243	Rural Bridge Replacement Initiative - Phase II - LA 472, Grant Parish	\$75,403
	Bridge	H.014245	Rural Bridge Replacement Initiative - Phase II - LA 119, Natchitoches Parish	\$104,364
	Bridge	H.014246	Rural Bridge Replacement Initiative - Phase II - LA 1199, Rapides Parish	\$106,675
	Bridge	H.014247	Rural Bridge Replacement Initiative - Phase II - LA 399, Vernon Parish	\$18,992
	Bridge	H.014248	Rural Bridge Replacement Initiative - Phase II - LA 124, Catahoula Parish	\$107,500
	Bridge	H.014250	Rural Bridge Replacement Initiative - Phase II - LA 577, Franklin Parish	\$1,257
	Bridge	H.014268	Rural Bridge Replacement Initiative - Phase II - LA 4, Jackson & Caldwell Parishes	\$7,518
Urban Systems, Inc.	Road	N/A	No Current Project	\$0
	Traffic	H.011309.5	Mac Arthur Final Design	\$30,687
	Traffic	H.012812	US 190: Northshore and Camp Villere	\$5,507
	Traffic	H.004897	Reserve to I-10 Connector	\$21,561
Coastal Environments Inc.	Environmental	H.002244	LA56: Boudreaux Canal MB Replacement	\$10,485
	Environmental	H.003931	16CU128 Site Delineation & Vibrocore Survey	\$50,239
	Environmental	H005121	LA1/LA415 Connector CRS	\$60,640
	Environmental	H.005720	Florida Avenue Expressway	\$38,275
	Environmental	H.011328.2	I-49 South (Richoc to Berwick)	\$336,188
	Environmental	70-48-0101	US 61 and I-10	\$15,000
	Environmental	H.008915.2	LA 3234 Ext From LA 1065-Hammond Airport	\$798
Bowlby & Associates, Inc.				N/A
The Lakvold Group, LLC	Appraiser	H.004100	I-10: LA 415 to Essen on I-10 and I-12, East Baton Rouge, LA	\$104,600
	Appraiser	H.011670	I-10/Loyola Interchange Improvements, Jefferson Parish, LA	\$12,000

DO NOT SUM

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

SECTIONS

20-23

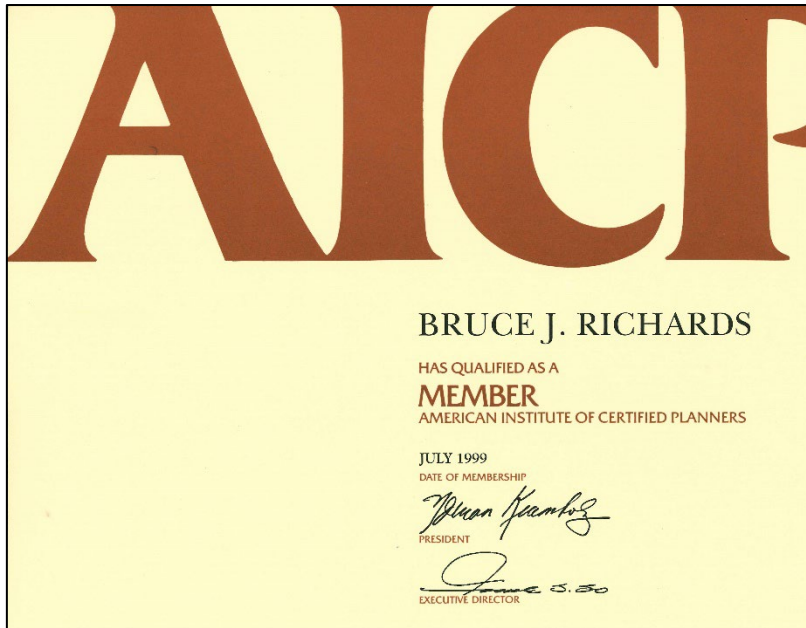


QUALIFICATIONS AND QUALITY

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

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

American Institute of Certified Planners



September 30, 2015

Lydia Z. Jemison, AICP
Jemison & Partners, Inc.
3521 Lake Des Allemands Dr
Harvey, LA 70058-5162
United States

RE: AICP Certification Verification

Please accept this letter as confirmation that Lydia Z. Jemison, AICP is a current member, in good standing, of the American Institute of Certified Planners, the professional institute of the American Planning Association (APA). The official details of the member's certification are:

AICP Membership Start Date: July 1, 2001
Certification Number: 016414

The American Institute of Certified Planners (AICP) is the American Planning Association's professional institute, providing recognized leadership nationwide in the certification of professional planners, ethics, professional development, planning education, and the standards of planning practice.

AICP certified planners carry a high mark of distinction because they are required to meet rigorous standards, maintain their expertise through continuing education, and serve community interests.

For more information about the requirements to become an AICP member, please see our website: www.planning.org/aicp.

Please let us know if we can offer any additional assistance.

Sincerely,

APA Customer Service

American Institute of Certified Planners
The American Planning Association's Professional Institute
205 N. Michigan Ave., Suite 1200
Chicago, IL 60601
AICPexam@planning.org

Chicago Office
205 N. Michigan Avenue
Suite 1200
Chicago, IL 60601-5927
p: 312/431.9100
planning.org

Washington D.C. Office
1030 15th Street, NW
Suite 750 West
Washington, DC 20005-1503
p: 202/872.0611

President, APA's Professional Institute,
American Institute of Certified Planners
Valerie J. Hubbard, MPP
Executive Director
James M. Dittman, AICP

Professional Engineering Licenses



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

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

Mr. Frank Nicoladis

License/Certificate Type - Number

PE.0005924

Expiration Date

03/31/2023

Status: **Active**



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

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

Mr. James E. Simmons

License/Certificate Type - Number

PE.0019891

Expiration Date

09/30/2023

Status: **Active**



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ENGINEERING & LAND SURVEYING BOARD
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9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
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Mr. Michael F. Nicoladis

License/Certificate Type - Number

EI.0008705

Expiration Date

09/30/2023

Status: **Active**



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Mr. Constantine Frank Nicoladis

License/Certificate Type - Number

PE.0027095

Expiration Date

09/30/2023

Status: **Active**

Professional Engineering Licenses



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

Mr. Fred Charles Mortali

License/Certificate Type - Number

PE.0035111

Expiration Date

03/31/2024

Status: **Active**



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

Mr. William B. Haensel Jr.

License/Certificate Type - Number

PE.0013375

Expiration Date

03/31/2024

Status: **Active**



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9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
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Mr. Om Prakash Dixit

License/Certificate Type - Number

PE.0014224

Expiration Date

03/31/2023

Status: **Active**



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

Mr. Steven Mark Fall Sr.

License/Certificate Type - Number

PE.0023634

Expiration Date

03/31/2024

Status: **Active**

Professional Engineering Licenses



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ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Ms. Alison Marie Catarella Michel

License/Certificate Type - Number

PE.0030261

Expiration Date

03/31/2023

Status: **Active**



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(LAPELS)

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
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www.lapels.com

Ms. Nicole Harris Stewart

License/Certificate Type - Number

PE.0034750

Expiration Date

09/30/2023

Status: **Active**



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ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

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

Mrs. Christine Mire Darrah

License/Certificate Type - Number

PE.0028528

Expiration Date

09/30/2023

Status: **Active**



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ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

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

Mr. Matthew Hansen Morgan

License/Certificate Type - Number

PE.0047060

Expiration Date

03/31/2023

Status: **Active**

Professional Engineering Licenses



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

Mrs. Alexandra Poirier Weeks

License/Certificate Type - Number

EI.0034593

Expiration Date

03/31/2023

Status: **Active**

License Status	Active - Fully Licensed
License #	101738
License ID	101738
Expiration Date	Jul 31 2024
Original Date	Jul 16 1996
Profession Code	1202
Profession Name	Engineer
First Name	DARLENE
Middle Name	DEMATTE
Last Name	REITER
City	BRENTWOOD
State	TN
Zip Code	37027
Rank	Professional Engineer
License Activity Description	Active - Fully Licensed

License Status	Active - Fully Licensed
License #	109132
License ID	109132
Expiration Date	Jan 31 2023
Original Date	Dec 28 2004
Profession Code	1202
Profession Name	Engineer
First Name	GEOFFREY
Middle Name	RYAN
Last Name	PRATT
City	NASHVILLE
State	TN
Zip Code	37212
Rank	Professional Engineer
License Activity Description	Active - Fully Licensed



**Professional Engineers
Ontario**

L i c e n c e

Issued under the Professional Engineers Act in

Fadi Madi

Licence Number: 100174071

who is hereby entitled to practice as a

P r o f e s s i o n a l E n g i n e e r

in the Province of Ontario and who is registered as a member of
the Association of Professional Engineers of Ontario

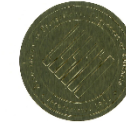
Given under the Corporate Seal of the Association at the
City of Toronto this:

11th day of November, 2016

George R. Ginnie, P.Eng.
(President)

George R. Ginnie, P.Eng.
(President)

Association of Professional Engineers Ontario. This certificate is the property of the
Association and must be returned on termination, cancellation, suspension or resignation.



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 643 issued in Washington, DC, U.S.A*

3/18/18


Michael K. Park
Chair




Jeffrey F. Pinasti
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, U.S.A*

11/20/17


Michael K. Park
Chair




Jeffrey F. Pinasti
Executive Director

Professional Traffic Operations Engineer

**TRANSPORTATION PROFESSIONAL
CERTIFICATION BOARD INC.™**

Ms. Alison Catarella Michel, P.E., PTOE, F ITE

Transportation Engineer
Urban Systems, Inc.

Business Address (Preferred Mailing Address)
400 N. Peters, Suite 206D
New Orleans, LA 70130
USA

T: (504) 523-5511 F: (504) 523-5522
E-Mail: acmichel@urbansystems.com

Transportation Professional Certification Board Inc.
1627 Eye Street, NW, Suite 600, Washington, DC 20006 USA
Telephone: +1 202-785-0060 | Fax: +1 202-785-0609
E-mail: certification@ite.org
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**TRANSPORTATION PROFESSIONAL
CERTIFICATION BOARD INC.™**

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

Transportation Engineer
Urban Systems, Inc.

Business Address (Preferred Mailing Address)
400 N. Peters, Suite 206
New Orleans, LA 70130
USA

T: (504) 523-5511 F: (504) 523-5522
E-Mail: nhstewart@urbansystems.com

Transportation Professional Certification Board Inc.
1627 Eye Street, NW, Suite 600, Washington, DC 20006 USA
Telephone: +1 202-785-0060 | Fax: +1 202-785-0609
E-mail: certification@ite.org
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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

unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 115 issued in Washington, D.C, USA
12/27/2018


Diane Morabito
Chair




Jeffrey F. Pinisi
Executive Director

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 (PDHs) Awarded: 4

Felix A. Colone
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Marshall
Authorized instructor



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 (PDHs) Awarded: 4

Felix A. Colone
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Marshall
Authorized instructor



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 (PDHs) Awarded: 3

Felix A. Colone
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Marshall
Authorized instructor





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 (PDHs) Awarded: 2


Authorized Instructor


Authorized Instructor


Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

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 (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

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 (PDHs) Awarded: 3

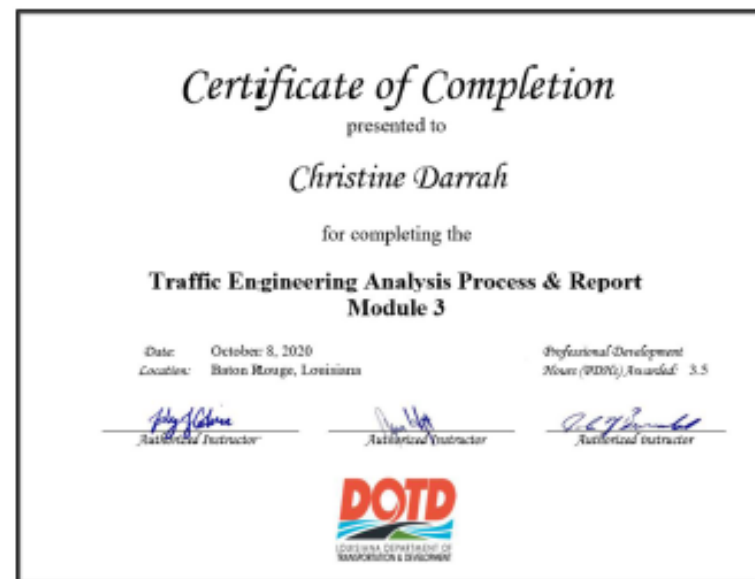
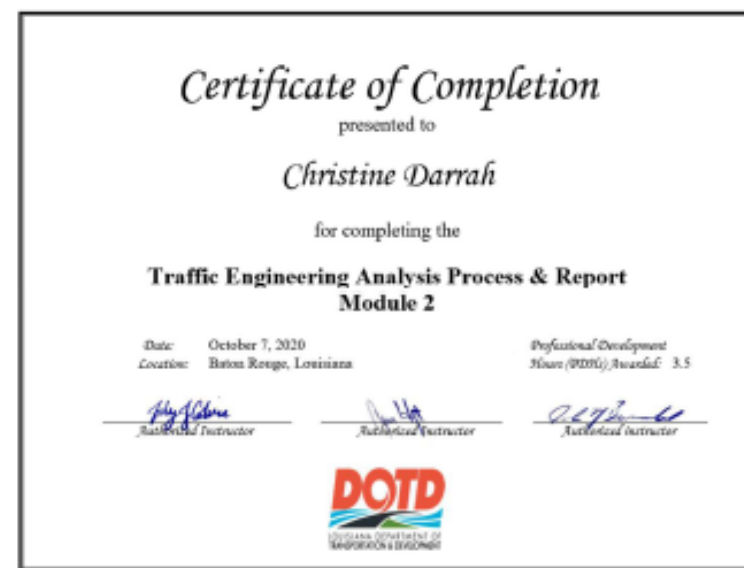
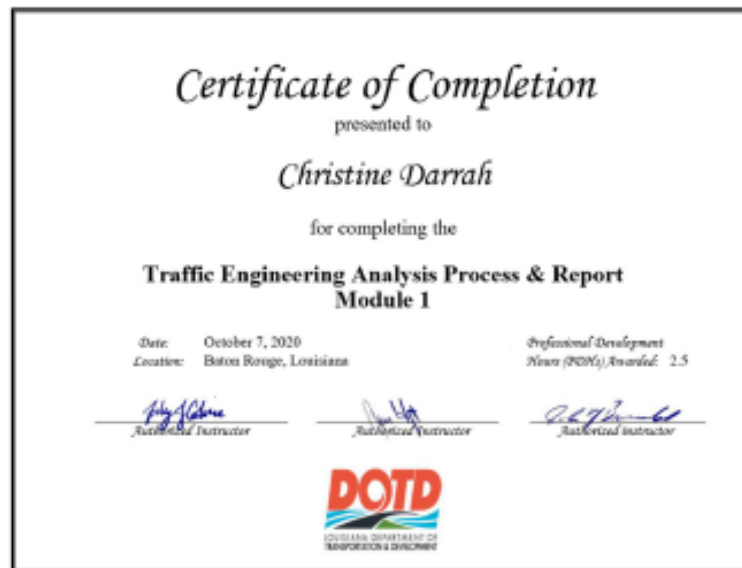

Authorized Instructor


Authorized Instructor

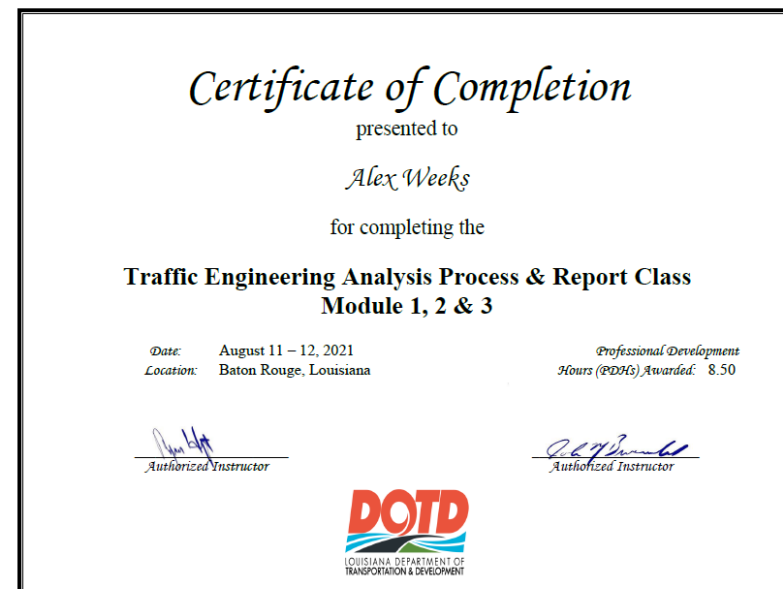
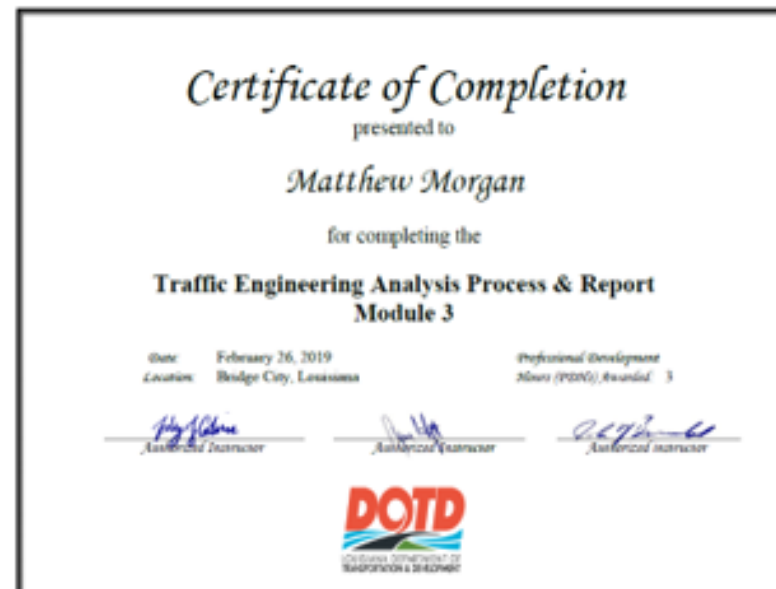
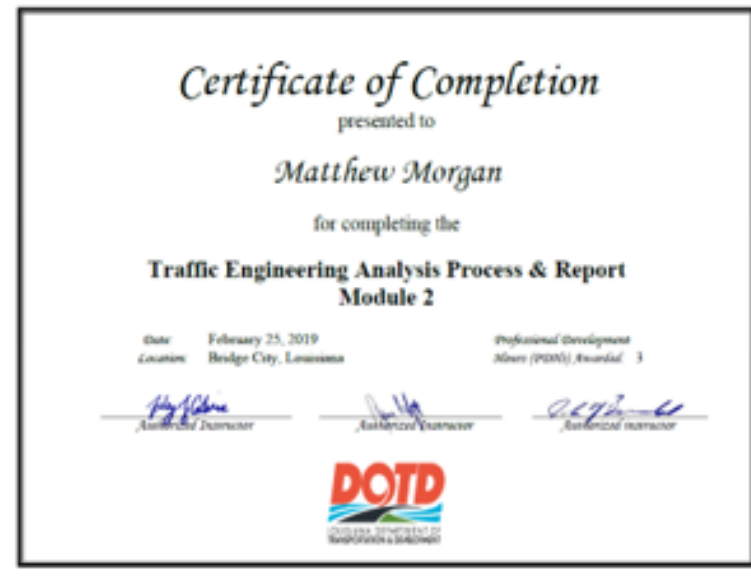
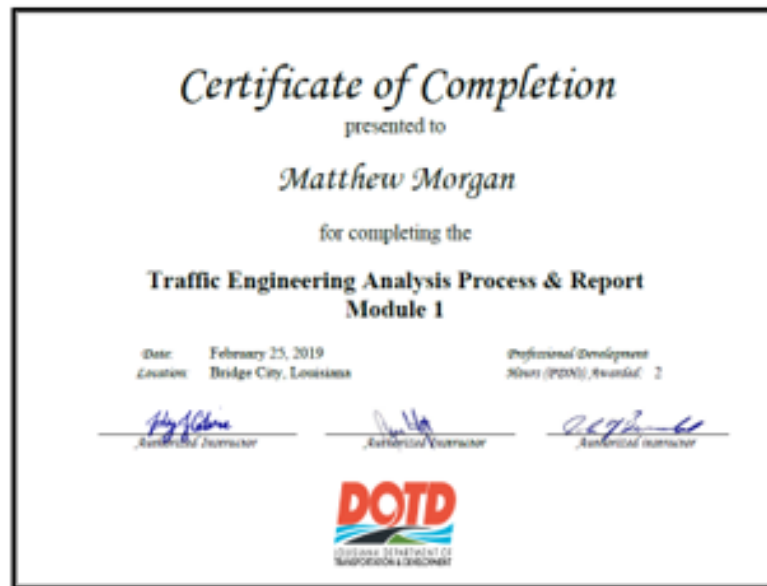

Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

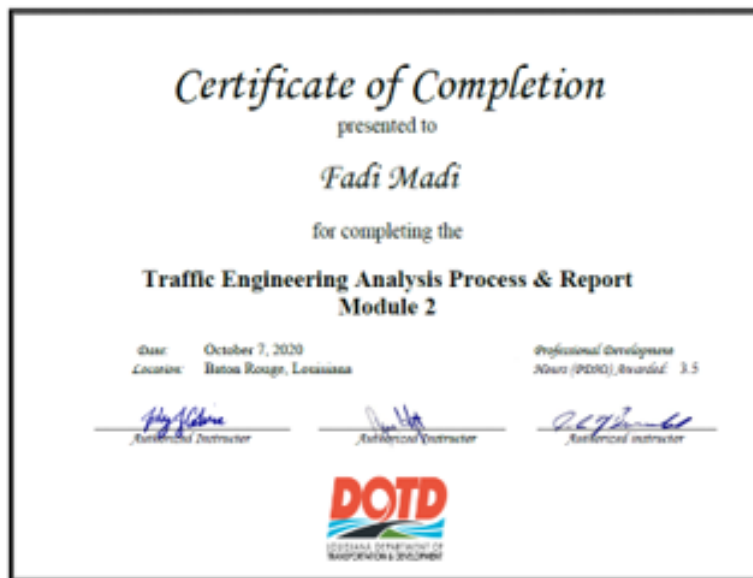
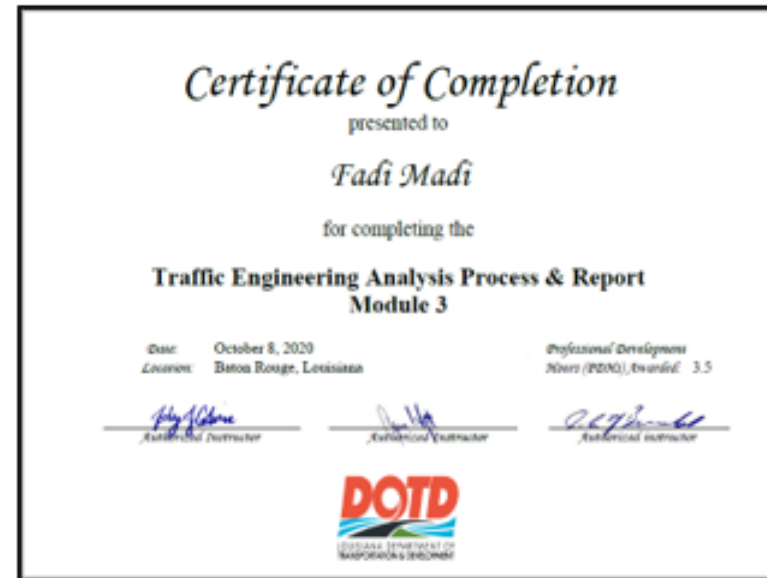
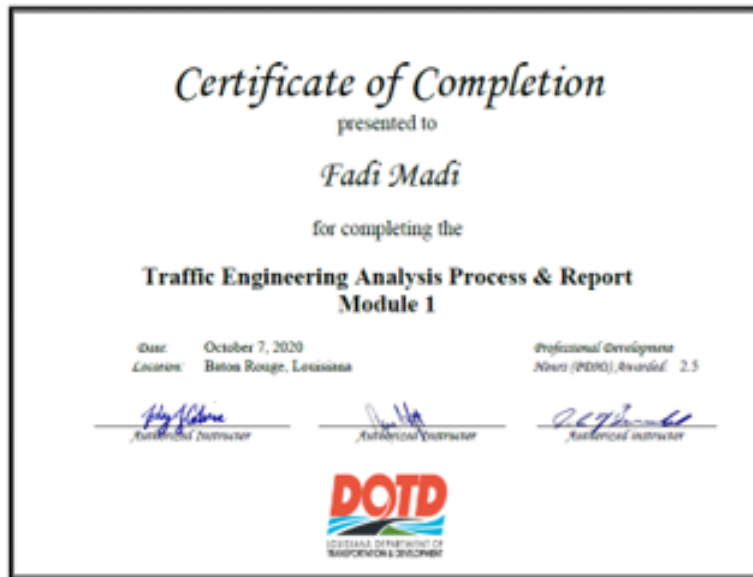
Traffic Engineering Process and Report Course offered by LTRC



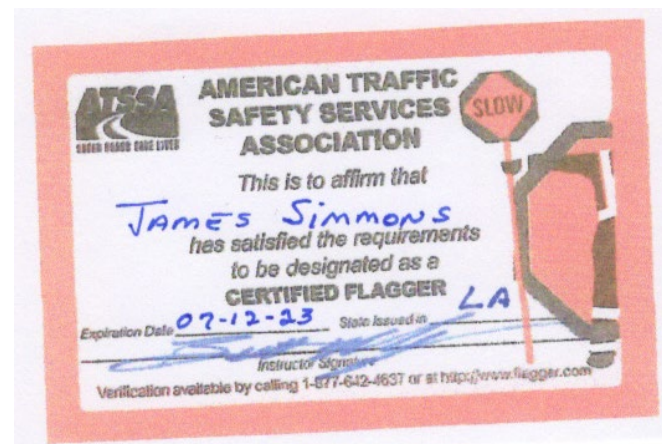
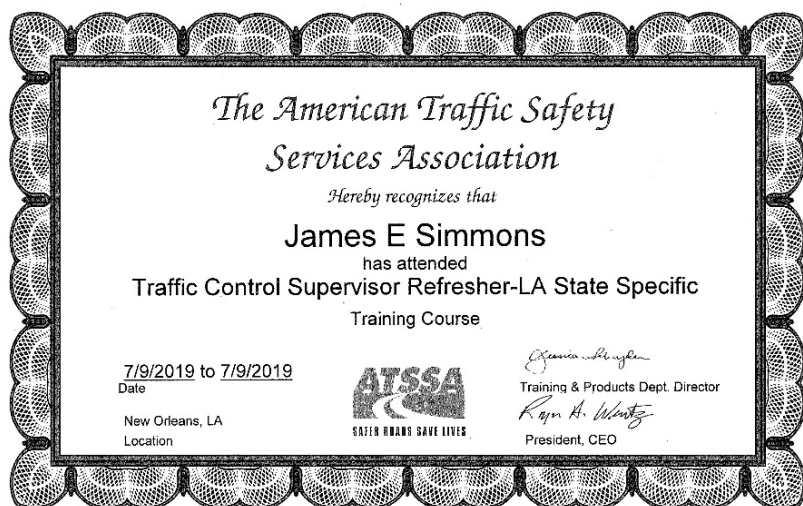
Traffic Engineering Process and Report Course offered by LTRC



Traffic Engineering Process and Report Course offered by LTRC



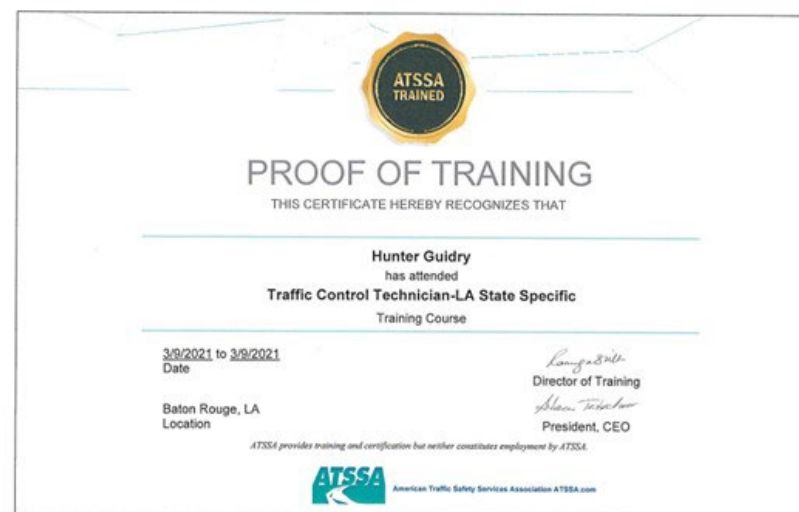
Work Zone Training



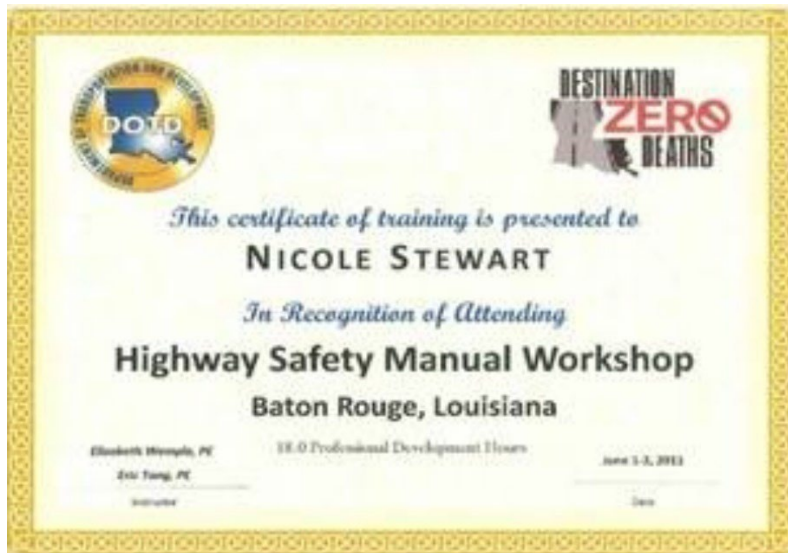
Work Zone Training



Work Zone Training



Highway Safety Manual Workshop



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




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 *Hours of instruction:* 18
Date: August 20-22, 2002 *Continuing Education Units:* 1.8

James Smith *William G. Chute*
Instructor Coordinator
Moges Ayale *J. J. Tol*
Director, National Highway Institute Director, Office of Professional Development
Federal Highway Administration 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 *Hours of instruction:* 18
Date: August 31 - September 2, 2004

Michael J. A. Gung *William G. Chute*
Instructor Coordinator
Moges Ayale *J. J. Tol*
Director, National Highway Institute Director, Office of Professional Development
Federal Highway Administration 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 *Hours of Instruction:* 18
Location: Baton Rouge, LA

James Smith *Alison H. Landry*
Instructor Local Coordinator
Richard Barnaby *Richard Barnaby*
Instructor Richard Barnaby, Director
National Highway Institute




National Highway Institute
Certificate of Training

KAREN WICKER
has participated in
**FHWA-NHI-142005 NEPA and the Transportation
Decisionmaking Process**
hosted by
LA DOTD/LTRC

Date: March 19-21, 2019 *Hours of Instruction:* 18
Location: Baton Rouge, LA

James Smith *Alison H. Landry*
Instructor Local Coordinator
Sperry Skinner *Michael H. Davis*
Instructor Michael Davis, Director
National Highway Institute

Wetlands Delineation Training Course




404 Permit Training Certificate

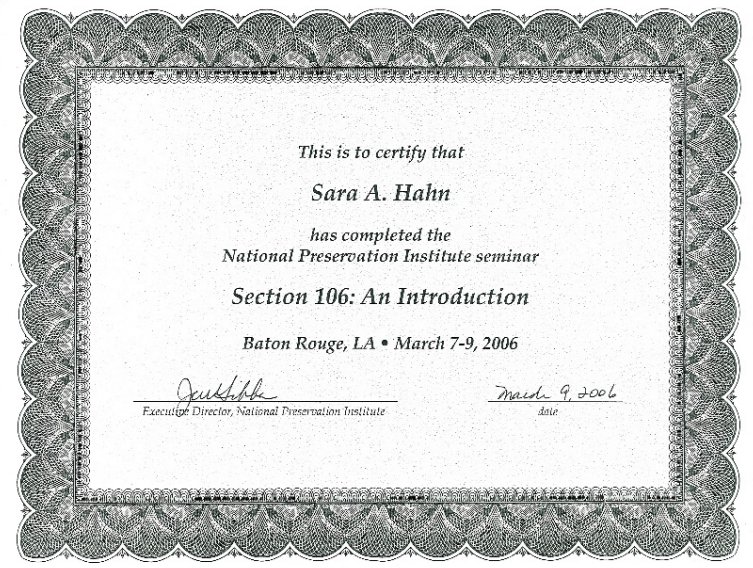
Presented To

Walker Wilson

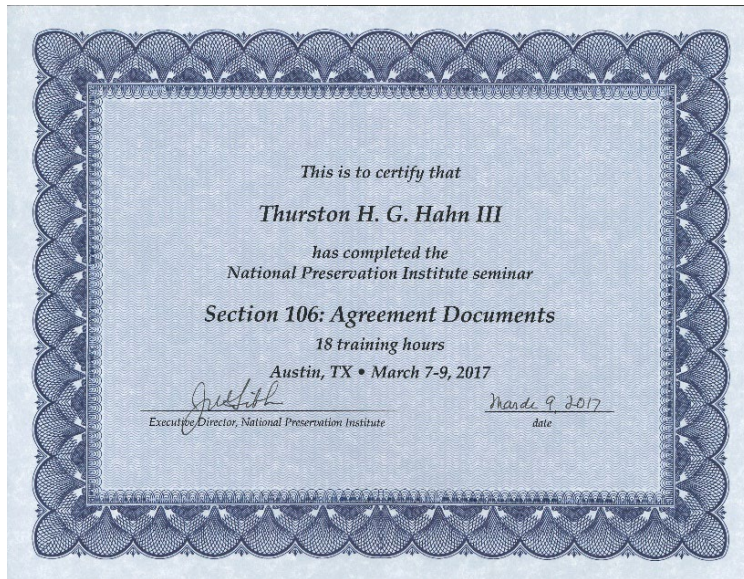
December 14, 2006


Dianna F. Noble, P.E., Director of
Environmental Affairs Division, TxDOT

Section 106 of the National Historic Preservation Act



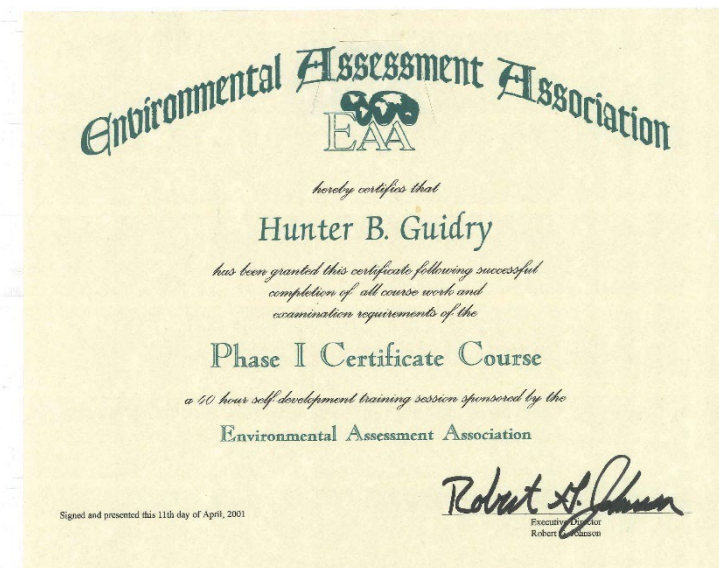
Section 106 of the National Historic Preservation Act



NEPA Compliance and Cultural Resources



Environmental Assessment Association Phase I Certificate



Certified General Appraiser



21. **QA/QC Plan and/or Work Plan:** If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

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 (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
 Urban Systems, Inc.	2000 Tulane Avenue Suite 200 New Orleans, LA 70112	Alison Catarella-Michel acmichel@urbansystems.com	(504) 523-5511
 Coastal Environments, Inc.	1260 Main Street Suite A Baton Rouge, LA 70802	Karen Wicker kwicker@coastalenv.com	(225) 383-7455
 Bowlby & Associates, Inc.	2505 21st Avenue South Suite 300 Nashville, TN 37212	Darlene Reiter dreiter@bowlbyassociates.com	(615) 997-3982
 Lakvold Group, LLC	4520 Jamestown Ave. Suite 1 Baton Rouge, LA 70808	Angela Lemonie-Lakvold, MAI, SRA, R/W-AC, MBA angelalakvold@cox.net	(225) 248-9984

23. **Location:** If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank..

APPENDIX



FIRM LICENSES & DBE CERTIFICATES

N-Y LICENSE

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

Name:	Public Address:
N-Y Associates, Inc.	Mr. Michael Nicoladis 2750 Lake Villa Drive, Suite 100 Metairie, Louisiana 700026797

License/Certificate Information w/ Supervision

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

URBAN LICENSE

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	03/31/2023	Ms. Alison Marie Catarella Michel # PE.0030261



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 Unified 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 2022 to February 2023)

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



WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: May 22, 2020

Expiration Date: May 31, 2023

WBENC National Certification Number: WBE2001268

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council - South, a WBENC Regional Partner Organization.

Authorized by Phala Mire, President Women's
Business Enterprise Council - South

WBENC SOUTH
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

NAICS: 541330, 541340

UNSPSC: 70131701, 80101605, 81101500, 81101502, 81101510, 81101524, 81102201



Great Lakes
Women's
**Business
Council**



WBENC METRONY
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

WBENC GREATER DMV
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.



WBENC EAST
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

WBENC ORV
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

WBENC PACIFIC
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.



WBENC WEST
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

WBENC FLORIDA
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.



WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

**HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO**

URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems, Inc.

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

Majority Female Owner: ALISON MICHEL

NAICS: 541330, 541340

UNSPSC: 70131701, 80101605, 81101500, 81101502, 81101510, 81101524, 81102201

Certification Number: WOSB200724

Renewal Date: May 31, 2023

WOSB Regulation Expiration Date: 5/31/2024



Phala Mire, Women's Business Enterprise
Council - South President

Pamela Prince-Easton, WBENC President & CEO

LaKesha White, Vice President, Certification



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Urban Systems Associates, Inc.
DBA: Urban Systems, Inc.

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

This certification is valid from 6/14/2022 to 6/14/2023 .

Certification No. 19041

A handwritten signature in black ink, reading "Stephanie Hartman", written over a horizontal line.

Stephanie Hartman,
Director, Entrepreneurial Services



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

John Bel Edwards, Governor
Shawn D. Wilson, Ph.D., Secretary

July 20, 2022

Bowlby & Associates, Inc.

Attn: Darlene D. Reiter
2505 21st Ave. South, Suite 300
Nashville, TN 37212

Dear Darlene D. Reiter,

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

NC541620-Environmental Consulting Services
C20-Environmental Impact Assessment

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date, **May 31, 2023**. However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Bowlby & Associates, Inc

July 20, 2022

Page 2

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

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

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

Respectfully,

Rhonda Wallace

Rhonda Wallace

DBE/SBE Programs Manager

Enclosure (Certificate)



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

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)

Bowlby & Associates, Inc.

Is a Certified Disadvantaged Business Enterprise (DBE) in the following specialties:

NC541620

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

Certificate Eligibility: May 2022 to May 2023

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



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)

Lakvold Group, LLC

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

NC531320

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

Certificate Eligibility: July 2022 to July 2023

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