September 23, 2025

US 165
at Ruffin Drive

PROPOSAL

Engineering and Related Services

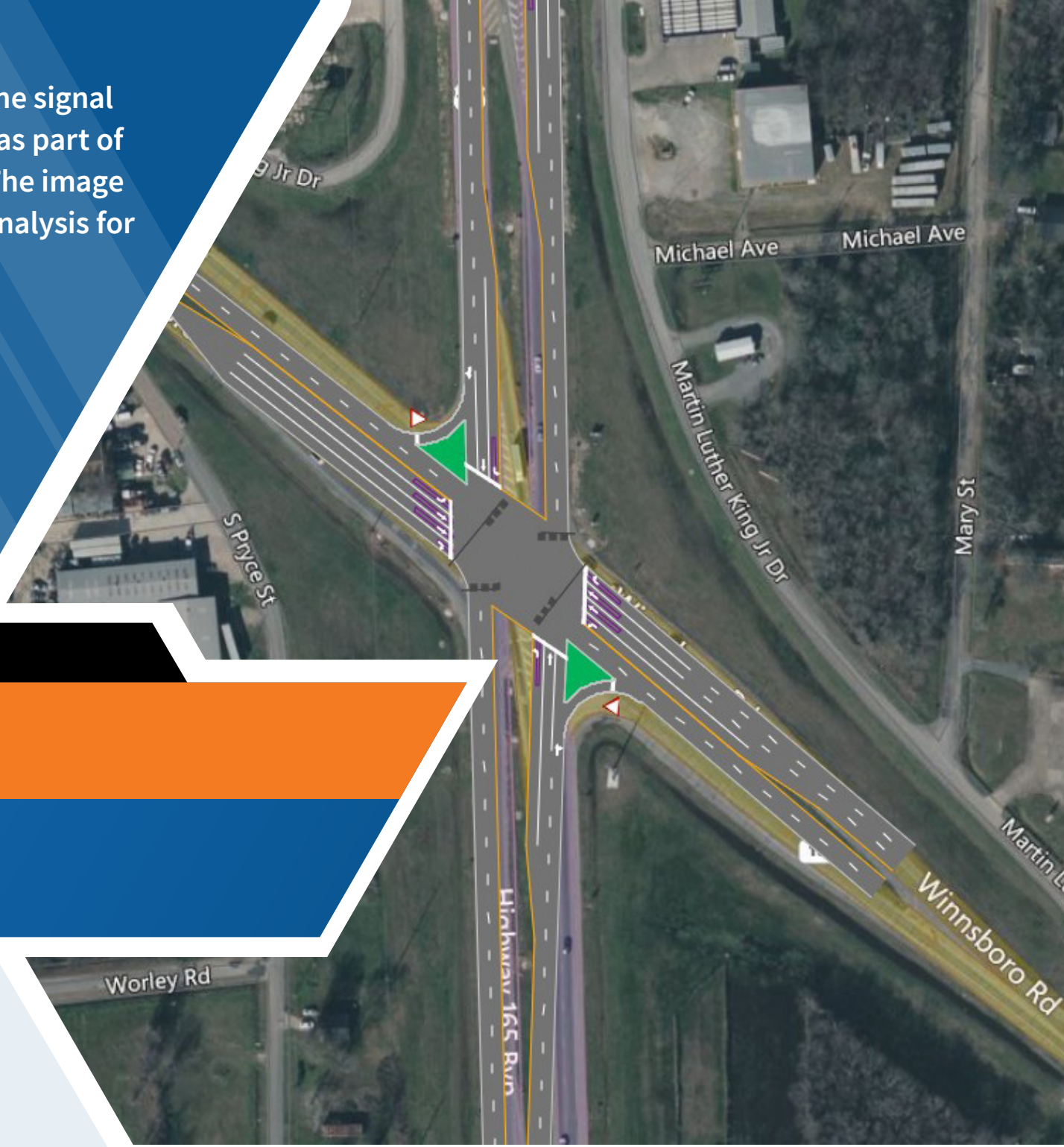
US 165: SUPERSTREET, DELOACH ST - WHITE ST

Contract No. 4400033077
State Project No. H.015641.5
Federal Aid Project No. H015641

Project Manager
Dishili Young, PE, PTOE
dishili.young@neel-schaffer.com
225.614.2816

NEEL-SCHAFFER

Neel-Schaffer, Inc., completed the signal analysis for US 165 Superstreet as part of a project completed for DOTD. The image to the right shows the Synchro analysis for Winnsboro Rd. (LA 15)



*Sections **1-11***

Contract No. 4400033077

US 165: SUPERSTREET, DELOACH ST - WHITE ST

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

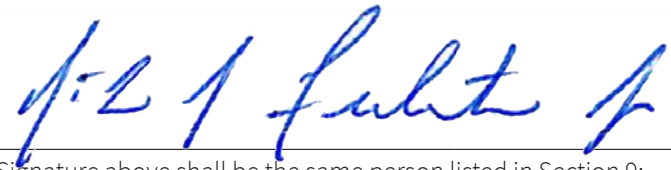
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. **Contract Name** as shown in the advertisement	**US 165: Superstreet, Deloach St - White St**
2. **Contract Number(s)** as shown in the advertisement	**4400033077**
3. **State Project Number(s)**, if shown in the advertisement	**H.015641.5**
4. **Prime consultant name** (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	**Neel-Schaffer, Inc.**
5. **Prime consultant license number** (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is re-quired under Louisiana law)	**EF.0001372**
6. **Prime consultant mailing address**	10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810
7. **Prime consultant physical address** (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810
8. **Name, title, phone number, and email address of prime consultant's contract point of contact**	**Dishili Young, PE, PTOE** *Vice President / Engineer Manager* dishili.young@neel-schaffer.com 225.614.2816
9. **Name, title, phone number, and email address of the official with signing authority for this proposal**	**Nick Ferlito, PE, PTOE** *Executive Vice President / Louisiana Area Manager* nick.ferlito@neel-schaffer.com 225.924.0235

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

    Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.



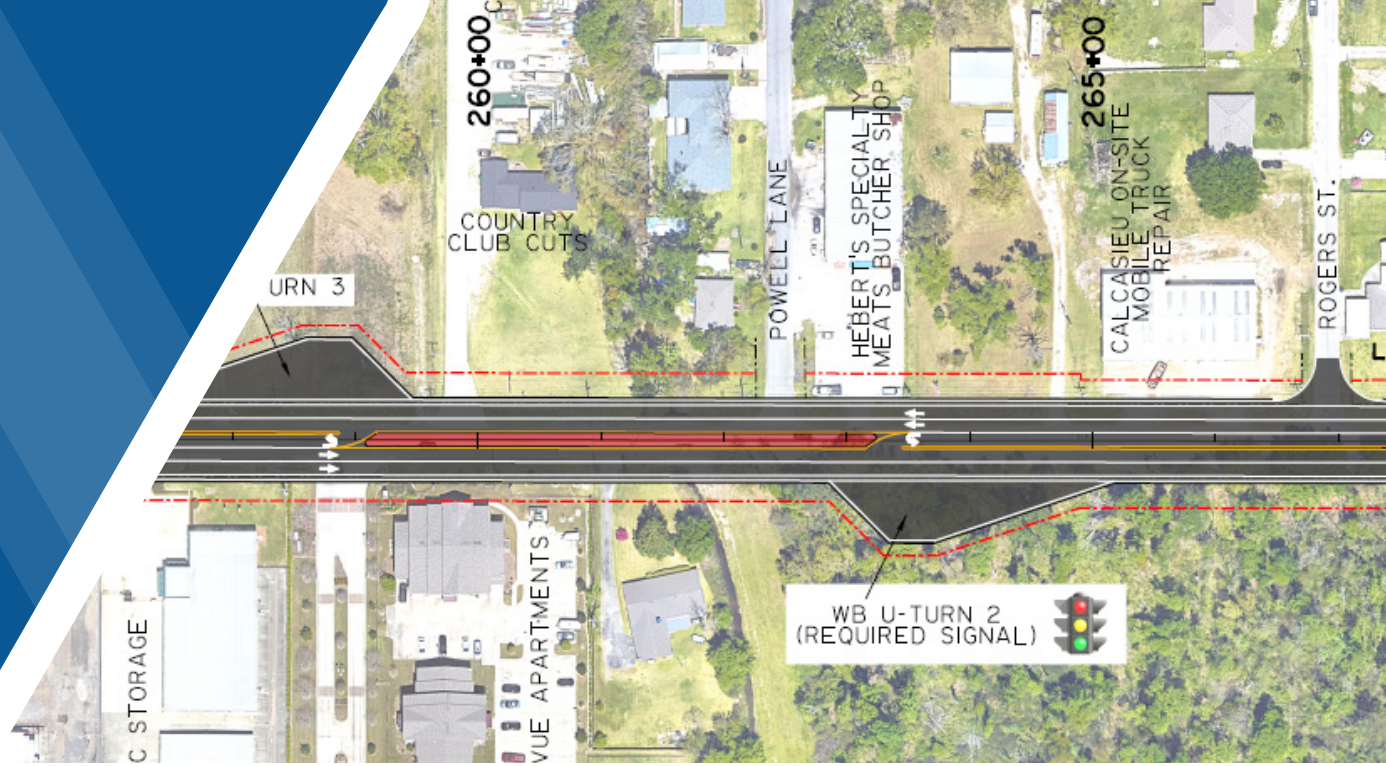
Signature above shall be the same person listed in Section 9:

Date: **September 23, 2025**

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

FIRM	FIRM PERCENT
Vectura Consulting Services, LLC	4%

Neel-Schaffer (NSI) has experience working on projects which include J-turns, U-turns and other similar scope of work.

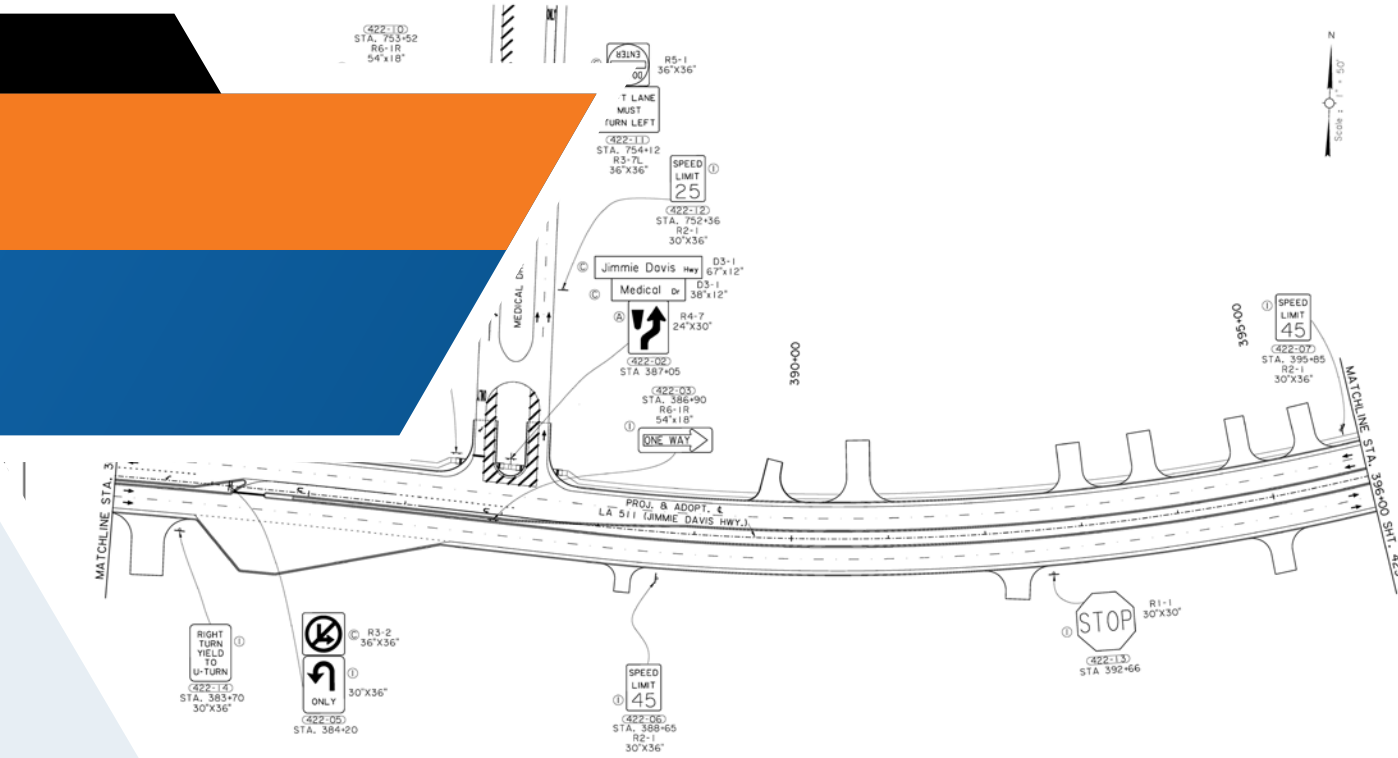


Sections ***12-15***

Contract No. 4400033077

US 165: SUPERSTREET, DELOACH ST - WHITE ST

The photo above was completed by NSI for LA 384 project and the photo below was completed by NSI for Jimmie Davis Highway (LA 511).



12. DISCIPLINE TABLE:

Discipline	% of Overall Contract	Neel-Schaffer, Inc.	Modjeski and Masters, Inc.	Vectura Consulting Services, LLC	Each Discipline must total to 100%
Road	85%	90%	10%	0%	100%
Traffic	10%	60%	0%	40%	100%
ITS	5%	100%	0%	0%	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%	87%	9%	4%	

13. TEAM SIZE:

Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
Neel-Schaffer, Inc.	Principal	1	1
	Supervisor – Eng	2	2
	Engineer	24	62
	Engineer Intern	4	10
	Senior Technician	2	5
Modjeski and Masters, Inc.	Supervisor - Eng	1	12
	Engineer	1	12
Vectura Consulting Services, LLC	Principal	2	2
	Engineer	2	4
	Senior Technician	1	2

14. ORGANIZATIONAL CHART:

Contract No. 4400033077

US 165: SUPERSTREET, DELOACH ST - WHITE ST

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LEGEND

- Neel-Schaffer, Inc.
- Modjeski and Masters, Inc.
- Vectura Consulting Services, LLC.

(#) MPR Designation ◂ TEPR Certified

CLIENT LIAISON
- Kirk Gallien, PE, PTOE ◂

PROJECT PRINCIPAL
- Nick Ferlito, Jr., PE, PTOE ◂ 1 2

PROJECT MANAGER
- Dishili Young, PE, PTOE ◂ 2 3

QA / QC
- Gary LeBlanc, PE *Road* ◂
- Kirk Gallien, PE, PTOE *Traffic* ◂
- Frank Standige, PE *Constructability*

Traffic Design
- Ellen Burke Howard, PE, PTOE, RSP ◂ 4
- Jonathan Duhe, PE, PTOE, RSP ◂ 4
- Charles Adams, PE, PTOE ◂
- Clarke Chauvin, PE, PTOE, PMP ◂ 5
- Seth Popay, EI ◂
- Sheelagh Brin Ferlito, PE, PTOE ◂

Road Design
- Dishili Young, PE, PTOE ◂ 2 3
- Mai Nguyen, PE 3
- Chance Shuckrow, PE 3
- Scott Andrepont, PE 3
- Nick Castille, PE
- Joshua Schexnider, PE
- Daniel Marks, PE
- Leah Selcer, PE
- Colby Curtis, PE, CFM
- Jacob Thiaville, EI
- Ryan Lam, EI
- Zachary Zemmer, EI
- Stephen Perault

Utility Design (if required)
- William (Don) Lancaster, PE

Electrical Design
- Jonathan Gerhart, PE 6
- Erin Rodgers, PE

Structural Design
- Randy Boudreaux, PE 7
- Steve Hazen, PE 7

Construction Support
- Mai Nguyen, PE 3
- Daniel Marks, PE
- Scott Andrepont, PE 3
- Chance Shuckrow, PE 3
- Joshua Schexnider, PE
- Jonathan Gerhart, PE 6
- Erin Rodgers, PE
- Randy Boudreaux, PE 7
- Steve Hazen, PE 7

15. MINIMUM PERSONNEL REQUIREMENTS:

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR / certification and number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Nick Ferlito, Jr., PE, PTOE	Neel-Schaffer, Inc.	PE No. 28001 - Civil	LA	09/30/27
2	Nick Ferlito, Jr., PE, PTOE		PE No. 28001 - Civil	LA	09/30/27
2	Dishili Young, PE, PTOE		PE No. 33723 - Civil	LA	09/30/26
3	Dishili Young, PE, PTOE		PE No. 33723 - Civil	LA	09/30/26
3	Mai Nguyen, PE		PE No. 38189 - Civil	LA	03/31/26
3	William Chance Shuckrow, PE		PE No. 42746 - Civil	LA	03/31/27
3	Scott Andrepont, PE		PE No. 37107 - Civil	LA	09/30/26
4	Ellen Burke Howard, PE, PTOE, RSP		PE No. 38207 - Civil	LA	03/31/26
4	Jonathan Duhe, PE, PTOE, RSP		PE No. 41047 - Civil	LA	03/31/27
5	Clarke Chauvin, PE, PTOE, PMP		PE No. 41770 - Civil	LA	09/30/27
6	Jonathan E. Gerhart, PE	Modjeski and Masters, Inc.	PE No. 43052 - Electrical	LA	03/31/27
7	Steve Hazen, PE	Neel-Schaffer, Inc.	PE No. 18087 - Civil	LA	03/31/27
7	Randy Boudreaux, PE		PE No. 32362 - Civil	LA	09/30/26

PAST EXPERIENCE	NSI KEY TEAM MEMBERS								
	Nick Ferlito, Jr., PE, PTOE	Dishili Young, PE, PTOE	Mai Nguyen, PE	Ellen Burke Howard, PE, PTOE	Chance Shuckrow, PE	Jonathan Duhe, PE, PTOE,	Scott Andrepont, PE	Joshua Schexnider, PE	Jacob Thiaville, EI
DOTD J-TURN AND U-TURN PROJECT EXPERIENCE	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOTD PROJECT EXPERIENCE IN MONROE/ RUSTON AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOTD TRAFFIC DESIGN EXPERIENCE	✓			✓		✓			
DOTD PRELIMINARY & FINAL PLAN PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOTD CONSTRUCTION SUPPORT	✓	✓	✓	✓	✓	✓	✓	✓	✓

Section 16

Contract No. 4400033077

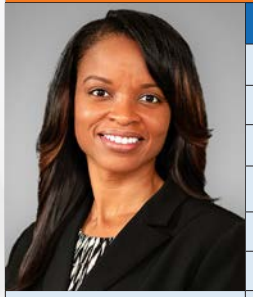
US 165: SUPERSTREET, DELOACH ST - WHITE ST

16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**Nick Ferlito, Jr., PE, PTOE**			Years of relevant experience with this employer	28
Title	Senior Vice President / Louisiana Area Manager			Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			BS / 1993 / Civil Engineering; MS / 1996 / Civil Engineering		
Active registration number / state / expiration date			PE No. 28001 / LA / 09-30-2027; PTOE No. 930		
Year registered	1998	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Principal, **MPRs 1 & 2**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extending existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) (SPN. H.009425.5)**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The project also includes the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** Pavement preservation project will include 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. The scope of work includes pavement patching, 4” mill and overlay, roadway reinforcing mesh, curb ramps at existing driveways and turnouts, guardrail and embankment at the overpass. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert the existing intersection to a single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
01/20 – Present	**I-20: LA 544 Overpass Replacement**: TMP and traffic analysis QA/QC. Preliminary and final design services for this project which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The project includes a new bridge over I-20 with sidewalks and four multilane roundabouts within a roundabout interchange with two roundabouts on a 3% longitudinal grade & partially on bridge. Includes a level 2 TMP.
02/15 – 12/17	**US 51 (W University to I-55) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1)**: Includes analysis of eight roundabout geometry intersections. Traffic Engineer assisted with Corridor Operational Analyses.

01/15 – 06/15	**LA 3002, 16 & 1034 Corridor Study Phase 2 (Contract No. 4400004064, T.O. No. H.011645.1)**: Traffic Engineer responsible for data collection and traffic signal analysis.
01/14 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1)**: Traffic Engineer responsible for data collection, corridor traffic operational analysis (Synchro and Sidra), calibrated Vissim modeling, Stage 0 Traffic Report.
01/11 – 01/14	**LA 447 Corridor Study (LA 16 to US 190), Walker, LA**: Project Manager for a traffic study to evaluate corridor improvements along LA 447 as well as interchange concepts at I-12. A TIER analysis was performed at the interchange of I-12 at LA 447 to evaluate various interchange configurations. The corridor analysis included HCS and Vissim analysis to evaluate RCUT and roundabout corridor concepts. **Project includes J-turns and U-turns.**
07/16 – Present	**I-49 South at Verot School Road, Lafayette, LA**: Performed Traffic QA/QC on the preparation of a Level 3 TMP and design of temporary and permanent traffic signals. Includes a multilane roundabout.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design-Build, Baton Rouge, LA**: Project Manager for Interchange Modification Report, TMP, and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with LADOTD's TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies.
08/20 – Present	**College Drive Enhancement Project (Perkins Road to I-10), Baton Rouge, LA**: Project Manager for the Traffic Study component for the study of the College Drive corridor. The Traffic Study is being prepared in accordance with DOTD's TEPR and includes performing all analysis in Vissim to evaluate various alternatives. In addition to corridor improvements, a tiered analysis will be performed to evaluate various interchange alternatives for I-10 at College Drive.
12/19 – Present	**US 80 Feasibility Study, Haughton, LA**: Project Manager for the preparation of a Stage 0 Report in support of safety improvements along US 80 corridor, specifically in the vicinity of Bellevue Road and Mid-South Loop Road. All analysis performed in HCS for this study. The traffic study was performed in accordance with DOTD's TEPR. **Project includes J-turns and U-turns.**
06/17 – 09/18	**I-10 New Orleans Master Plan, Port Access Improvements**: Project Manager created a plan or a program of projects which mitigates the severe congestion extending from Interstate 10 at its interchange with the Pontchartrain Expressway (US 90B / I-910) to the Crescent City Connection (CCC) crossing of the Mississippi River, including connecting ramps and roadways. Includes roundabout alternatives.
11/16 – 08/19	**LA 385 Feasibility Study, Lake Charles, LA**: Project Manager for the Stage 0 Report in support of safety and traffic operational improvements along with the LA 385 (Ryan Street) corridor between LA 3186 south of I-10 to Eddy Street north of I-10, including the LA 385 interchange with I-10. Includes multilane roundabouts.
02/16 – 04/18	**LA 22 Corridor Study, Rou Mar Nei Drive to 1st Street, Ponchatoula, LA**: Project Manager for a traffic study to evaluate corridor improvements along LA 22 as well as interchange concepts at I-55. A TIER analysis was performed at the interchange of I-55 at LA 22 to evaluate various interchange configurations. The corridor analysis included HCS analysis to evaluate RCUT and roundabout corridor concepts. **Project includes J-turns and U-turns.**
02/15 – 04/18	**LA 384 Stage 0 Traffic & Safety Study, Lake Charles, LA**: Project Manager for traffic and safety study for LA 384 (Country Club Road) from Big Lake Road to McNeese Street. Includes Multilane Roundabouts. **Project includes J-turns and U-turns.**
02/18 – Present	**Kansas Lane-Garrett Road Connector and I-20 Improvements, Monroe, LA**: Project Manager/Traffic Lead for the preparation of a Level 4 Transportation Management Plan, review of MOT plans, design of temporary and permanent traffic signals and design of the relocation of DOTD ITS fiber optic trunk line.
Career History	Nick joined NSI in 1996 and currently serves as Senior Vice President and Louisiana Area Manager, overseeing statewide operations. With over 30 years of experience in traffic and transportation engineering, he has led numerous projects involving signal timing, signal design, safety studies, and corridor analysis for both public and private clients. He is proficient in traffic engineering software such as HCS, CORSIM, SYNCHRO, Tru-Traffic (TS/PP-Draft), and SIDRA. His training includes the Naztec TS1/TS2 Controller course, NEPA and Transportation Decision Making (2004), Highway Safety Manual Workshop (2011), and LADOTD's TEPR training.



Firm employed by Neel-Schaffer, Inc.					
Name	**Dishili Young, PE, PTOE**			Years of experience with this firm/employer	6
Title	Vice President / Engineering Manager			Years of experience with other firm(s)/employer(s)	15
Degree(s) / Years / Specialization			BS / 2002 / Civil Engineering; MS / 2018 / Civil Engineering		
Active registration number / state / expiration date			PE No. 33723 / LA / 09-30-2026		
Year registered	2008	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager, **MPRs 2 & 3**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. Dishili serves as the project manager. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Project Manager and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Project Manager and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Project Manager and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** Project Manager. 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project Manager. Project will convert the existing intersection to a single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements, Lafayette, LA:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Jimmie Davis Design-Build:** This project will construct a new 4-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a 4-lane median divided roadway with turn lanes, and construct full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway. **Project includes J-turns and U-turns.** She assisted with design-related tasks. Managed roadway drainage design and scour analysis. Attends team technical meetings and meetings with DOTD. Provided QA/QC. She also assisted with the proposal preparation, attended one-on-one meetings, and assisted with the technical writing for the proposal.
01/20 – Present	**I-20: LA 544 Overpass Replacement**: Managing the preliminary and final design services for this project. This project will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The project includes a new bridge over I-20 with sidewalks and four multilane roundabouts within a roundabout interchange with two roundabouts on a 3% longitudinal grade & partially on bridge. Includes a level 2 TMP.
12/22 – Present	**LA 89 at Guillot Rd Improvements**: Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Preliminary and Final Road Design.

04/18 – Present	**I-49 South at Verot School Road**: Managing the design services for the interstate design and service road design (drainage, preliminary and final road design and TMP). This project will construct 2.4 miles of mainline freeway, bridges and an interchange at the intersection of I-49 South/US 90 and Verot School Road. This project includes the design of a major bridge crossing at Verot Rd. and I-49 and a roundabout at the relocated intersection of Verot Rd and South College Rd. As a subconsultant, NSI is designing the interstate mainline and frontage roadways, as well as, designing the drainage along these corridors. NSI is also completing the traffic design and level 3 TMP. Includes a multilane roundabout.
08/17 – 03/19	**Juban Road Widening, Livingston Parish, LA**: Served as the engineer of record and managed the completion of the roadway and drainage design services for this project which will widen LA 1026 (Juban Rd.), construct three multilane roundabouts and two new frontage access roadways, with storm drainage sewer systems.
08/17 – Present	**Mandeville Bypass, Mandeville, LA**: This project will provide a new 3 Mile median divided roadway with integral bike path connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. It will construct five roundabouts and multiple entrances to Pelican Park. Dishili is managing the roadway design services. Includes multiple multilane roundabouts.
02/10 – 12/11	**I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 74) for LADOTD**: Served as Engineer and managed portions of the civil design for this project. This project involved the widening of I-10 from four lanes to six, bridge reconstruction (I-10 over Wards Creek and I-10 over KCS Bridge), and drainage improvements along the corridor. In addition to assisting with the roadway design, Dishili completed the H&H analysis and scour analysis for the Wards Creek Bridge. She also assisted with the drainage design along the interstate corridor.
01/09 – 11/11	**I-12 Widening Design-Build (O'Neal Ln. to Pete's Hwy)**: Served as Engineer for this project which involved the widening of I-12 and bridge reconstruction (I-12 over Amite River (two bridges) and I-12 over O'Neal Lane (two bridges)). In addition to assisting with the roadway design, Ms. Young assisted with the scour analysis and H&H analysis at the Amite River as well as the drainage design along the interstate corridor.
08/17 – 03/20	**LA 73 Turn Lanes, Ascension Parish, LA**: This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design were completed in accordance with LADOTD guidelines.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA**: This project provides new two-lane connector roadway with drainage between Chemin Metairie Parkway & LA 89. Includes multilane roundabouts in final design stage. **Project includes J-turns and U-turns.**
09/22 – Present	**E. Milton Ave Improvements, Lafayette Parish, LA**: This project will widen an existing roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi-lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. Includes roadway and drainage design.
12/14 – 08/17	**LA 447 Corridor Study, Walker, LA (LA 16 to US 190)**: Assisted with the geometric design for the R-Cut and roundabout improvements, public outreach and served as Project Manager and road design lead for the EA. Includes multilane roundabouts.**Project includes J-turns and U-turns.**
08/17 – Present	**Southcity Parkway Extension, Lafayette, LA**: This project will construct a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. It includes three multilane roundabout intersections and new bridge design. The roadway and drainage design are being completed in conformance with LADOTD guidelines. NSI provided public outreach, environmental, road design and traffic services.**Project includes J-turns and U-turns.**
Career History	Dishili offers approximately 20 years of progressive experience which includes program management, engineering management, project management and engineering design. Her experience includes the management and design of interstate design-build projects, interstate design-bid-build projects, including roundabout interchanges, road design projects, including multilane roundabouts, drainage projects, H&H Studies, environmental studies and feasibility studies. Her Continuing Education is documented as follows: Transportation Safety Systems (Highway Safety Manual Graduate Course), Auburn University, 2016: ATSSA Traffic Control Supervisor Training Course, Baton Rouge, 2015; ATSSA Traffic Control Technician Training Course, Baton Rouge, 2015: FHWA Highway Safety Manual Workshop, Baton Rouge, 2014; Roadside Safety Design by the Federal Highway Administration and National Highway Institute, LTRC, 2010; Urban Street Design, University of Wisconsin, Madison; Open Channel Design, University of Wisconsin, Madison; Comprehensive Culvert Design, University of Wisconsin; Maintaining Asphalt Pavements, University of Wisconsin; Using HEC-RAS to compute water surface profiles for floodplains, bridge and culvert hydraulics, University of Wisconsin; and LADOTD's Traffic Engineering Process and Report (TEPR) training.

Firm employed by Neel–Schaffer, Inc.				
Name	**Mai Nguyen, PE**		Years of relevant experience with this employer	8
Title	Roadway Design Engineer		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering		
Active registration number / state / expiration date		PE No. 38189 / LA / 03-31-2026		
Year registered	2013	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Road Design, **MPR 3**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. Mai serves as the road design lead. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Road Design Lead. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Road Design Lead. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** about to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Road Design Lead. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000' east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** Road Design Lead. 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Road Design Lead. Project will convert existing intersection to single lane roundabout intersection.
01/20 – Present	**I–20: LA 544 Overpass Replacement, Lincoln Parish, LA:** Lead for road design preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond multilane roundabout interchange on a 3% longitudinal grade. The new bridge over I–20 will include sidewalks and four multilane roundabouts. This project includes a level 2 TMP.
06/23 – Present	**US 90: Roundabout at LA 101:** Roundabout intersection preliminary and final plans, drainage, sequence of construction and TMP.
9/22 – Present	**E. Milton Ave Improvements, Lafayette Parish, LA**: This project will widen an existing roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi–lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. This project includes curb and gutter with sidewalks. Mai is designing this project and assisting with plan production. Established design criteria, typical roadway sections, horizontal and vertical geometry, ID structure locations and more. Ms. Nguyen is working on the roadway design for the City of Youngsville. Project includes preliminary and finals plans.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Review of design, assist with plan production. Preliminary plans completed. Final design ongoing.

08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA**: This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Mai is working on the roadway design for the City of Youngsville. Project includes preliminary and final plans. **Project includes J-turns and U-turns.**
01/11 – 01/14	**LA 447 Corridor Study, Walker, LA (LA 16 to US 190)**: Corridor study to evaluate corridor improvements along LA 447 between LA 16 and Burgess Ave. Project included the interchange at I-12. Includes multilane roundabouts. **Project includes J-turns and U-turns.**
09/14 – 08/15	**LA 16: Roundabout at LA 447, Livingston, LA**: Responsible for developing roundabout preliminary roadway plans in accordance with LADOTD design guidelines, creating horizontal and vertical alignment layouts, modeling roadway to determine required right-of-way limits, developing sequence of construction, and performing hydraulic analysis.
04/18 – Present	**I-49 South at Verot School Road**: This project will construct 2.4 miles of mainline freeway, bridges, and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Work includes a major bridge design and a roundabout at the relocated intersection of Verot Rd and South Collage Rd. NSI is designing the interstate mainline and frontage roadways (drainage, preliminary and final road design and TMP) as well as the drainage along these corridors. NSI is also completing the traffic design. Includes roundabout.
11/15 – 07/20	**Southcity Parkway Extension, Lafayette, LA**: This project will construct a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. It includes three multilane roundabout intersections and new bridge design. The roadway and drainage design are being completed in conformance with LADOTD guidelines. NSI provided public outreach, environmental, road design (preliminary and final plans) and traffic services. **Project includes J-turns and U-turns.**
02/17 – 06/17	**LA 6 (I-49 Interchange to LA 3278) Corridor Study in Natchitoches, LA**: LA 6 Corridor Study Includes analysis of proposed roundabout interchange (3 roundabouts) geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.
07/15 – Present	**US 90 Pearl River Bridges Environmental Assessment, St. Tammany Parish, LA and Hancock County, MS**: Project includes the replacement of five bridges. This project also includes roundabout intersections. Project Engineer for over 75 line and grade alternatives. Developed horizontal and vertical alignments, considering required drainage and ROW requirements, were developed and analyzed for potential environmental impacts and costs. Includes a roundabout intersection.
05/12 – 10/14	**LA 44 Intersection Improvement at LA 934, Ascension Parish, LA**: Responsible for developing roadway plans in accordance with LADOTD design guidelines, performing subsurface drainage calculations, creating horizontal and vertical alignment layouts, modeling roadway to determined required right-of-way limits, and calculating quantities and cost estimates for bidding.
08/17 – 07/18	**I-10 New Orleans Master Plan**: Provided engineering support in development of horizontal and vertical alignments of roadways, and geometric layouts of traditional interchanges, with multiple bridges, alternative intersections, ramps, roundabouts, and HOV lanes to provide access to the Port of New Orleans.
09/15 – 10/17	**LA 22 (Dalwill to Rodger Storm) Corridor Study**: Includes analysis of six roundabout geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study. **Project includes J-turns and U-turns.**
Career History	Mai has over 15 years of experience as a Roadway Design Engineer, including over six years working for LADOTD roadway design. She is proficient with modeling and developing roadway plans in accordance with LADOTD design guidelines. She has completed numerous roadway construction plans, including roadway alignments, cross sections, geometric details, graphical grades, drainage design, construction sequencing, striping, and signing layout, and cost estimates. She also has completed countless interchange geometric designs, roundabouts, and unconventional intersections following AASHTO and LADOTD design guidelines. She is experienced with utility coordination, creating detour plans, and working with Contractors and LADOTD Engineers to ensure the project is constructed according to plans. She has been involved with preliminary and final roadway design plans, feasibility studies, Stage 0 reports, environmental assessment study, roadway concept layouts for traffic studies, develop high level cost estimates for multiple District Safety Investment Plans. She is Certified as a Work Zone Traffic Control Supervisor, Technician and Flagger.

16. STAFF EXPERIENCE

J-TURN AND U-TURN PROJECT EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**William Chance Shuckrow, PE**			Years of relevant experience with this employer	10
Title	Project Engineer			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2014 / Civil Engineering		
Active registration number / state / expiration date			PE No. 0042746 / LA / 03-31-2027		
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road Design and Drainage Design, **MPR 3**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert the existing intersection to a single lane roundabout intersection.
11/19 – Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** The task orders under this project are as follows: 1.) Local Road Signing (Vermilion) (SPN. H.013014); 2.) Independence SRTS – Phase II (SPN. H.010108.1); 3.) LRSP (Iberia Parish and City of N.I.) (SPN. H.013770); 4.) LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1); 5.) W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621); 6.) LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1); 7). Downtown Greenway LA Connector (BR) (SPN. H.013751); 8.) LSU Laboratory School SRTS Project (SPR. H.009290); 9.) Local Road Signing (Ascension) (SPN. H.015011); 10.) FYA Signal Improvements (SPN H.014579); and 11.) LSRP Ardenwood Dr. Road Diet (East Baton Rouge) (SPN H.013622).
09/20 – Present	**H.011280.1: LA 10 Stage 0 Phase 2, Washington Parish, LA:** This project considers multiple alternatives along a 5.5 mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Mr. Shuckrow is providing roadway support and help with the cost estimate.
04/23 – Present	**Jimmie Davis Design-Build:** This project will construct a new 4-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a 4-lane median divided roadway with turn lanes, and construct full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway. **Project includes J-turns and U-turns.**

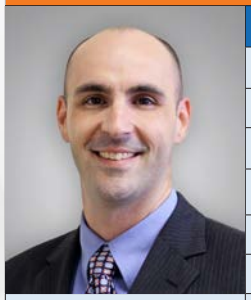
12/22 – Present	**LA 89 at Guillot Rd Improvements**: Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Preliminary and final design included.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA**: This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Project includes preliminary and finals plans. **Project includes J-turns and U-turns.**
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Design services. Preliminary plans completed. Final design ongoing.
09/20 – Present	**H.011280.1: LA 10 Stage 0 Phase 2, Washington Parish, LA**: This project considers multiple alternatives along a 5.5 mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Mr. Shuckrow will provide roadway support and help with the cost estimate.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design-Build, Baton Rouge, LA**: Project Manager for Interchange Modification Report, TMP, and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD's TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies.
04/18 – 04/20	**S.P. No. H.013023: Rees St. (LA 328) Stage 0 Corridor Study (Design Study), St. Martin Parish, LA**: This project focuses on the overall improvement of safety along the corridor. He reviewed the proposed road alignment, several roundabout intersections, roadway widening with sidewalks and bike path and cost estimates the corridor in Breaux Bridge, LA.
11/15 – Present	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish**: EA and Final Design. Final Design of 2-mile four lane median divided roadway with 3 multilane roundabout intersections and a major bridge crossing the Vermilion River. Completed the vertical and horizontal alignments, modeled the project with Bentley software and completed the drainage design. Mr. Shuckrow serves as the engineer of record for this project assisting with the roadway design, Stage 0 feasibility study and EA. This project includes bike lanes and sidewalks/paths.**Project includes J-turns and U-turns.**
03/15 – Present	**St. Martinville Bypass (LA31) EA and Line and Grade Study in St. Martinville, LA (SPNH.004924.5)**: Includes five roundabout geometry intersections at connections with state routes. Assisted in geometric design of roadway alternatives and in the development of horizontal and vertical profiles.
06/13 – 09/20	**Stage 0 Feasibility Studies, Modern Roundabouts, SPN:** H04490, Lafayette Metropolitan Area (Retainer) Engineering in support of Stage 0 Scope and Budget Checklist for 24 separate roundabouts. This project focuses on the improvement of traffic flow and safety at each intersection & interchange. Mr. Shuckrow assisted with the review of the roadway design and cost estimates.
11/14 – 04/17	**I-20 at LA 544 Overpass Replacement, Lincoln Parish, LA**: This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and four roundabouts. Mr. Shuckrow is providing design support. Mr. Shuckrow assisted with the drainage design and provided roadway design support.
08/14 – 05/19	**Juban Road (LA1026) Widening (SPNH.004634.5), Livingston Parish, LA**: Final design for reconstruction of Juban Rd as a four-lane median divided roadway with multilane roundabouts intersections. Completed vertical and horizontal alignments and modeled the project with Bentley software, assisted with the drainage design and preparation of plans. This project includes paths and bike lanes.
09/15 – Present	**Ham Reid Road at Lake Street Intersection Improvements, Calcasieu Parish, LA**: Project includes the final design of a multilane roundabout. Completed the roundabout design, drainage design, and developed plans.
06/18 – 03/20	**Move Ascension Project No. MA-18-03: LA 73 Turn Lanes at Brown Road/ LA 73 Turn Lanes at Oakland Drive**: Served as designer on project, working mainly on drainage design for 2 separate turn lane projects. Work included delineating existing drainage and design of new structures.
11/16 – 08/19	**LA 385 Stage 0 Feasibility Study, Calcasieu Parish, LA**: This project focuses on safety improvements along the LA 385 corridor between LA 3186 south of I-10 to Eddy Street north of I-10. Mr. Shuckrow provided engineering design support.
Career History	Mr. Shuckrow joined Neel-Schaffer in 2014 and has 10 years of experience in the design of roadways, freeways, signalized and roundabout geometry intersections. Based in the firm's Baton Rouge office, Chance has worked in the design of drainage, horizontal and vertical profiles, and corridors. He has also worked in cost estimating of projects and in the preparation of roadway design plans.

16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**Randy Boudreaux, PE**			Years of relevant experience with this employer	36
Title	Senior Structural Engineer			Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			MS / 1987 / Civil Engineering, BS / 1985 / Civil Engineering		
Active registration number / state / expiration date			PE No. 0032362 / LA / 09-30-2026		
Year registered	2006	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Structural Engineer - Lighting, **MPR 7**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
10/14 - 02/17	**Popp’s Ferry Road Extension, Biloxi, MS:** Neel-Schaffer was selected by the City of Biloxi to provide engineering design and CEI services for a project to widen and make significant improvements to a one-mile section of Popp’s Ferry Road, a major commercial thoroughfare for both Biloxi and D’Iberville. Neel-Schaffer provided roadway design, lighting design, traffic services and more. The roadway was widened to four lanes, with curbs and gutters, a raised median, center turn bays, a five-foot sidewalk, and a 10-foot multi-use path. The project also installed upgraded lighting, lighted street signs, and new mast-arm traffic signals. Randy provided light pole foundation design for the project.
05/19 - Ongoing	**Hall Avenue West, Hattiesburg, MS:** Neel-Schaffer was the Engineer of Record for a three phased project that dramatically transformed the corridor by adding two railroad overpasses and a roundabout. In addition to the roadway lighting Neel-Schaffer design, Neel- Schaffer provided structural design and CE&I services. Bridge construction consisted of prestressed concrete spans supported by pipe pile foundations. Other features of construction include contractor-designed retaining walls, reconstruction of existing roadway, new roadway construction, retention ponds, drainage improvements, sewer replacement, and construction of a multiuse pathway. Randy provided light pole foundation design for the project.
03/23 - Ongoing	**Gluckstadt Road Widening, Madison County, MS:** NSI was contracted to provide final plans for the widening of I-55 from SR 463 to Gluckstat Road Interchange in Madison County, MS. Services included road design for the additional lanes, extension of the entrance and exit ramps, bridge design to accommodate the new wider roadway section, traffic control plan, H&H modeling for the pre and post construction conditions, Roadway Lighting, Signal, ITS elements and more. Randy provided light pole foundation design for the project.
2021	**SR 7 / Eddie Smith Drive Roundabout, Holly Springs, MS:** In 2021, Neel-Schaffer was selected by MDOT to develop plans for lighting the proposed roundabout at the intersection of SR 7 and Eddie Smith Drive in Holly Springs. The design included a photometric evaluation needed to provide lighting that meets ANSI/IES RP-8 recommendations. The lighting elements were implemented into the roadway plans developed by MDOT. During the construction phase, Neel-Schaffer assisted MDOT in the inspection and submittal review from the lighting subcontractor. The construction was completed in 2022 and the lighting is fully functional. No issues arose related to the lighting during the design or construction phases. Randy provided light pole foundation design for the project.
2012	**Lighting on MS 49, Belzoni, MS:** The project consisted of 2.5 miles of roadway lighting on MS 49 in Belzoni. This included 62 400-watt high-pressure sodium 35-foot poles, and two secondary power controllers. All illumination facilties were designed ensuring compliance with NEC, AASHTO, and IESNA, as well as MDOT standards.Randy provided light pole foundation design for the project.
2022	**Highway 11 Roadway Lighting, Hattiesburg, MS:** NSI provided roadway lighting design services for a Highway 11 roadway lighting project from Jervis Mims Road to WSF Tatum Blvd. The scope of work included the development and submission of the MDOT permit, preparation of construction plans and specifications using aerial photography, creation of the final cost estimate and bid documents, bidding and award assistance, construction administration, and resident project representation.Randy provided light pole foundation design for the project.

04/97 – 01/99	**US 82 Mississippi River Bridge and Approaches:** A joint effort be-tween the Mississippi and Arkansas Departments of Transportation, this is 2.8-mile, four-lane bridge was estimated to cost approximately $275 million. Performed structural design, detailing and quantity takeoffs for two continuous haunched steel plate girder bridge spans units. One unit had spans of 76.6m-100m-76.5 and the second unit had spans of 84.5m-110-85.5m. Structural Engineer.
01/98 – 10/99	**US 90 across East Pascagoula River, Jackson County, MS:** Performed structural design, detailing and quantity takeoffs. The 3500' bridge has pre-stressed concrete bulb-tee spans with 80' x 150' naviga-tion channel and deep piers designed for vessel collision. Scour analysis included effects of both stream flow and tidal action and design of mitigation features. Structural Engineer.
08/05 – 12/05	**Popp's Ferry Road Bridge, Biloxi, MS**: Structural Engineer performed on-site damage assessment, structural design, detailing and quantity takeoffs. A direct barge impact to a pile bent collapsed two spans of this 3900-foot long pre-stressed concrete and bascule bridge. Contract plans and specifications for debris removal, replacement of the pile bent and spans were prepared for advertisement within three weeks of initial damage assessment.
02/95 – 08/96	**Norfolk Southern Railroad - Jackson, AL (DACW01-92-0041 USACE):** Performed structural design and detailing for a pier protection fender system for vessel impact. Lead Structural Engineer.
06/09 - 01/10	**Taylor Creek Road Bridge over Tootoosahatchee Creek, Orange County, FL:** Performed LRFD structural design, detailing and quantity takeoffs. The bridge consists of three pre-stressed con-crete girder units with spans of 50.5'- 50'-50.5' made continuous for live load and a gutter to gutter width of 40'. The substructure consists of vertical wall end bents on a pile supported footings and standard intermediate pile bents. The approach roadway is supported by 640.5' of concrete retaining walls along each side. (AASHTO LRFD) (06/2009 – 01/2010) / Lead Structural Engineer.
12/08 - 06009	**I-20 over US 51 Bridge Replacement, Jackson, MS**: Performed LRFD structural design, detailing and quantity takeoffs. The bridge consists of one continuous curved steel girder unit with spans of 134'-141'-145'-121'-121'. Bridge width (gutter to gutter) is a constant 72' and is in super elevation transition along the last two spans. The two center-most bents were designed as post-tensioned concrete "two-column" straddle bents (in-line with the steel girders) to minimize the depth of the substructure over the underlying US Hwy 51. The remaining bents were designed as traditional 4-column bents. All bents were supported on steel pile supported footings. (AASHTO LRFD) (12/2008 – 06/2009) / Lead Structural Engineer.
06/04 - 07/07	**Camp Horner Road over Cahaba River, Jefferson/Shelby Counties, AL**: Performed structural design, detailing and quantity takeoffs. The bridge consists of 110' and 130' simple pre-stressed concrete bulb tee girder spans and a gutter to gutter width of 54'. The substructure consists of rock bearing drilled shaft supported end and intermediate bents. Lead Structural Engineer.
Career History	Mr. Boudreaux joined Neel-Schaffer in 1989 and serves as a Structural Engineer based in the firm's Jackson (MS) office. Randy has over 38 years of structural design experience, including the design and/or rehabilitation of bridges, buildings, water and wastewater treatment facilities, flood control structures, and temporary retaining structures. Mr. Boudreaux has also provided expert witness services. Randy's responsibilities include producing and checking design calculations, preparing contract plans and specifications, preparing preliminary cost estimates, reviewing shop drawing submittals, and reviewing surveys, soil borings, engineering studies, or other information required for planning and design of projects.

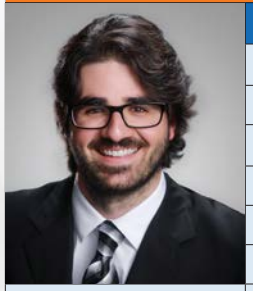


Firm employed by Neel-Schaffer, Inc.				
Name	**Scott Andrepont, PE**		Years of relevant experience with this employer	15
Title	Project Engineer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering; MS / 2007 / Civil Engineering		
Active registration number / state / expiration date		PE No. 37107 / LA / 09-30-2026		
Year registered	2012	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Concept Plans & Road Design, **MPR 3**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert existing intersection to single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
03/19 – 04/20	**LA 328 (Reese Street) Stage 0:** Mr. Andrepont created the geometry for this project which would improve LA 328 from Latiolais Drive to E. Bridge St. Signalized and roundabout intersections were considered. Mr. Andrepont completed the design criteria, typical sections, and geometry in accordance with the requirements of DOTD. He also assisted with public outreach activities. Includes 3 roundabouts. **Project includes J-turns and U-turns.**
08/17 – 03/20	**LA 73 Turn Lanes**: This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design were completed in accordance with LADOTD guidelines.

09/22 – Present	**E. Milton Ave Improvements, Lafayette Parish, LA**: This project will widen an existing Roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi-lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. This project includes curb and gutter with sidewalks, as well as preliminary and finals plans.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Design services. Preliminary plans completed. Final design ongoing.
12/22 – Present	**LA 89 at Guillot Rd Improvements**: Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Included tasks similar to a line and grade, preliminary and final design included.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA**: This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Project includes preliminary and finals plans. **Project includes J-turns and U-turns.**
01/11 – 01/14	**LA 447 Corridor Study, Walker, LA (LA 16 to US 190)**: A corridor study to evaluate corridor improvements along LA 447 between LA 16 and Burgess Ave. Project included the interchange at I-12. Includes multilane roundabouts. **Project includes J-turns and U-turns.**
11/19 – Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62)**: This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design and construction related engineering. Mr. Andrepont is assisting with the roadway and drainage plan production and design.
11/15 – 07/20	**Southcity Parkway Extension, Lafayette, LA**: This project will construct a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. It includes three multilane roundabout intersections and new bridge design. The roadway and drainage design are being completed in conformance with LADOTD guidelines. NSI provided public outreach, environmental, road design and traffic services. **Project includes J-turns and U-turns.**
01/20 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA**: NSI is completing the preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The new bridge over I-20 will include sidewalks and four multilane roundabouts. This project includes a level 2 TMP.
04/18 – Present	**I-49 South at Verot School Road**: This project will construct 2.4 miles of mainline freeway, bridges, and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Work includes a major bridge design and a roundabout at the relocated intersection of Verot Rd and South Collage Rd. NSI is designing the interstate mainline and frontage roadways (drainage, preliminary and final road design and TMP) as well as the drainage along these corridors. NSI is also completing the traffic design. Includes roundabouts.
08/12 – 03/19	**Juban Road Widening**: NSI managed the completion of the roadway and drainage design services for this project, which will widen LA 1026 (Juban Rd.), construct three roundabouts and two new frontage access roadways, with storm drainage sewer systems.
06/13 – Present	**Stage 0 Feasibility Study Modern Roundabouts, Lafayette, LA**: Road alignment, roundabout layout, and design, preparing cost estimates. Project Engineer. Includes 23 roundabouts.
03/15 – Present	**Mandeville Bypass, St. Tammany Parish LA**: Assisted in geometric layout of roadway and development of alternatives. Includes roundabout geometry intersections with LA 1088 and US 190. Road Design Assistance. Includes 4 roundabouts.
04/20 – Present	**US 90 and FM 481 Improvement, Kinney County, TX**: QA/QC of Striping, Singing, and High Friction Surface course plans.
07/13 – 09/13	**LA 1088 Traffic Corridor Study for LADOTD in St. Tammany Parish, LA**: Assisted in the geometric layout for 3 Alternatives for the improvements of LA 1088. Each alternative included roundabouts at determined intersection with J-turns as well as complete streets with combinations of bike paths/multiuse paths / sidewalks along the corridor. Design Assistance. Includes roundabouts.
Career History	Mr. Andrepont is a design engineer and has been assigned to a variety of projects which include safety projects, roadway design, drainage design, foundation design and other civil engineering projects. His duties include design and analysis, preparation of construction plans, and specifications. He also has experience providing engineering design support during construction. He is also an ATSSA – Work Zone TCS/TCT/Flagger.

16. STAFF EXPERIENCE



Firm employed by Neel–Schaffer, Inc.					
Name	**Nicholas Castille, PE**			Years of experience with this firm/employer	1
Title	Project Engineer			Years of experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization			BS / 2019 / Civil Engineering		
Active registration number / state / expiration date			PE No. 48009 / LA / 09-30-2027		
Year registered	2023	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 – 06/23	**Kaliste Saloom Roadway Expansion Phase IIIA and IIIB, Lafayette, LA:** Performed construction administration services including payment application derivation, review of inspector progress reports, attendance of construction progress meetings, and change order preparation in accordance with Lafayette Consolidated Government standards. He was also a point of contact for project updates for public involvement.
12/19 – 01/21	**Apollo Road Extension Phase III, Scott, LA:** Performed hydrologic and hydraulic analysis (LADOTD HYDR) of site for open ditch and drainage structure design including application of alignment, section template, and structures database using MicroStation and InRoads. Also provided plan and profile sheet production and annotation. Derivation of estimated construction quantities and associated costs.
04/22 – 02/25	**LA 182 (University Ave) at LA 723 (Renaud) Roundabout, Lafayette Parish, LA:** Coordination of survey subconsultant for original and supplemental survey efforts. Design of horizontal and vertical geometry to LADOTD standards for applicable roadway sections in MicroStation and InRoads. Drainage area delineation, runoff quantification, inlet spacing, subsurface drainage, cross-drain, side-drain, and open channel drainage design using LADOTD HYDR tools. Quantification of estimated project construction materials, and plan and profile sheet production. Sequence of construction design and plan production.
05/21 – 02/25	**Verot School Road at US 90, Lafayette Parish, LA:** Design of pavement markings and traffic control layouts for applicable roadway sections, preparation of sequencing of construction plan sheets, quantification of estimated project materials, and plan and profile sheet annotation in accordance with LADOTD standards. Horizontal geometry and drainage modifications as necessary for constructability, design and plan sheet production of joint layout and graphical grading. Preliminary no-rise analysis using effective HEC-RAS (1D) model.
08/20 – 12/21	**Elm Grove Garden Drive Pedestrian Improvements, Baton Rouge, LA:** Hydrologic analysis of project area and hydraulic design (LADOTD HYDR) of subsurface drainage system to replace existing open ditch system along two-lane corridor and design of sidewalk to accommodate drainage improvements in accordance with City of Baton Rouge standards. Application of design in MicroStation and InRoads for plan sheet production and annotation.
10/21 – 03/25	**Southern University Ravine Stabilization, Baton Rouge, LA:** Hydrologic and hydraulic analysis of project watershed, preparation of HEC-HMS and HEC-RAS (2D) models for use in determining water surface elevations and velocities within proposed improvement area. Prepared hydraulic analysis report with exhibits and analysis results. Production of preliminary environmental assessment in compliance with NRCS/NEPA standards.
03/20 – 02/25	**Upper West Fork Cypress Bayou Environmental Assessment, Baton Rouge, LA:** Hydrologic and hydraulic analysis of existing project watershed, preparation of HEC-HMS and HEC-RAS (2D) models for use in storm routing and dam breach analyses. Prepared an environmental assessment summarizing findings in accordance with NRCS design criteria and standards. Economic analysis of studied alternatives and various project map production using ESRI ArcGIS Pro. Coordination of multiple subconsultants including geotechnical, cultural, environmental, and general civil firms.
11/21 – 05/25	**Alcide Bonin Coulee Drainage Improvements, St. Martin Parish, LA**: Supervision of HEC-RAS (1D) model development and drainage impact analysis for determination of water surface elevations and coulee cross drain improvements. Preparation of construction plans and US Army Corps permit plans, as well as LADOTD permitting applications. Preparation of construction cost estimate and coordination of project delivery with St. Martin Parish.

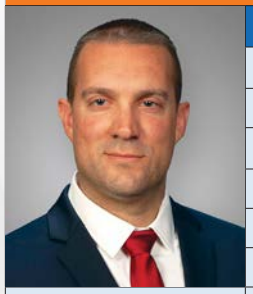
04/24 – 05/25	**US 82 Frontage Road Bridge Replacement:** Began preparation of conceptual (Phase A) plans for a bridge replacement project in coordination with the Mississippi Department of Transportation using MDOT standards and Bentley OpenRoads. Submitted preliminary right-of-way plans including horizontal and vertical alignment of proposed roadway and bridge replacement, guardrail design, and necessary modifications to intersecting side road.
02/24 – 05/25	**St. Martinville Main Street Enhancement, St. Martinville, LA:** Development of construction plans for sidewalk widening and lighting improvements throughout LA-31 (Main Street) in St. Martinville. Meetings with and coordination with the City of St. Martinville Mayor as necessary, permitting applications with DOTD, management of electrical subconsultant and existing utility coordination.
05/25 – Present	**E. Opelousas Street Improvements**: Project will provide roadway, intersection, and drainage improvements from Opelousas Street west of E. Ward Line Road (LA 397) to E. Opelousas Street to accommodate commercial development north of E. Opelousas Street. Completed hydrologic and hydraulic design and analysis and assisted with plan sheet production. Generated summary of drainage structures and prepared hydraulic report.
07/25 – Present	**W. Broussard at Duhon Road Roundabout:** Project will provide roundabout and drainage improvements. Assisted with review of plans and hydraulic design and plan production. Generated plan sheets based on preliminary signing and pavement markings designs. Supervised generation of geometric detail and special paved ditch detail plan sheets. Updated preliminary summary of estimated quantities and opinion of probable construction cost.
07/25 – Present	**Lagneaux Turn Lane Improvements:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Review of hydraulic design with designer for constructability and conformance with governing criteria. Review of plans for quality control. Development of summary of estimated quantities and opinion of probable construction cost.
07/25 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Updated summary of estimated quantities and opinion of probable construction cost.
08/25 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with hydraulic design and plan production. Generated summary of drainage structures and preliminary summary of estimated quantities and opinion of probable construction cost.
08/25 – Present	**I-10 Calcasieu River Bridge (H.003931) Erosion Control Plans:** Project will provide interstate roadway and bridge improvements along existing I-10 from I-210 to Kirkman Street including improvements at side streets and service roads. Design of erosion control measures in accordance with LADOTD Standards and planned phases of construction activities of proposed improvements. Production of plan sheets for nine phases of construction spanning the proposed roadway and bridge improvements.
Career History	Mr. Castille is a licensed Professional Engineer and has experience in design, planning, and hydraulic modeling. His core experience is in hydrologic and hydraulic modeling, open channel drainage systems, and subsurface drainage systems. He assists with various engineering design tasks including roadway plan and preparation, horizontal geometric design, inspections, design of geotechnical features, design of open and closed drainage systems, and hydrologic and hydraulic modeling. He has also been responsible for the supervision of lab and field technicians, assisting in the design of shallow and deep foundations, pavement design, and geotechnical construction materials testing and reporting.

Firm employed by Neel-Schaffer, Inc.					
Name	**Joshua Schexnider, PE**			Years of relevant experience with this employer	6.5
Title	Project Engineer			Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering; BS / 2000 / General Studies		
Active registration number / state / expiration date			PE No. 45891 / LA / 03-31-2026		
Year registered	2021	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road Design and Drainage Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 - Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert existing intersection to single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements, Lafayette, LA:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
6/22 – Present	**Jimmie Davis Bridge (LA 511) (HBI) Design-Build:** This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. NSI is providing the traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. This preliminary design is being completed in support of the Design Build Proposal document. Design Services. **Project includes J-turns and U-turns.**

09/22 – Present	**E. Milton Ave Improvements, Lafayette Parish, LA:** This project will widen an existing Roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi-lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. This project includes curb and gutter with sidewalks, as well as preliminary and finals plans.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724):** This project will construct a roundabout and required drainage improvements. Includes roundabout. Design services. Preliminary plans completed. Final design ongoing.
12/22 – Present	**LA 89 at Guillot Rd Improvements**: Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Included tasks similar to a line and grade, preliminary and final design included.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA:** This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Project includes preliminary and finals plans.**Project includes J-turns and U-turns.**
12/21 – 01/22	**LA 1256 intersection improvements (Calcasieu Parish):** This project will construct multiple turn lanes along 1256. Drainage improvements are included along with signal design. Road design and drainage design are in conformance with DOTD requirements. Project engineer for roadway and drainage design.
10/19 – Present	**East Mandeville Bypass, St. Tammany Parish:** This project will construct a new 2-mile four lane median divided roadway with multilane roundabouts intersections at LA 1088 and US 190. Project includes roundabout.
08/16 – Present	**Southcity Parkway Extension, Lafayette, LA:** Assisted in preparation of plans. Project includes 3 multilane roundabouts. **Project includes J-turns and U-turns.**
08/17 – 03/19	**Juban Road (LA 1026) Widening, Livingston Parish, LA:** Assisted in preparation of plans. This project includes roundabouts.
02/17 – Present	**US 90 Bridges Environmental Assessment, St. Tammany Parish, LA:** Assisted with preparation of plans. Includes a roundabout.
08/17 – 01/20	**Bossier Parish Roadway, Bridge and Culvert Engineering, Damage Assessment and Reconstruction Services:** This project included approximately 90 project sites consisting of bridges, roadway reconstruction, patching and overlays, and new drainage structures. Assisted with the design and plan production.
08/17 – 03/20	**LA 73 Turn Lanes, Ascension Parish, LA:** This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design were completed in accordance with LADOTD guidelines.
06/16 – 06/16	**LA 22 Corridor Study, St. Tammany Parish, LA:** Assisted with preparation of plans. Project includes six roundabouts.
Career History	Josh is a design engineer and has been assigned to a variety of projects which include safety projects, roadway design, drainage design, and other civil engineering projects. His duties include design and analysis, preparation of construction plans, and specifications. He also has experience providing engineering design support during construction. He is also an ATSSA – Work Zone TCS/TCT/Flagger.

16. STAFF EXPERIENCE



Firm employed by Neel-Schaffer, Inc.					
Name	**Daniel Marks, PE**			Years of relevant experience with this employer	1
Title	Senior Project Manager			Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			BS / 2013 / Civil Engineering		
Active registration number / state / expiration date			PE No. 42342 / LA / 09/30/2026		
Year registered	2018	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Resident Engineer		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/22 - 03/24	**MOVEBR, Baton Rouge, LA:** Project Manager. MOVEBR is a $1.1 billion Transportation Improvement Program. As a project manager for the program, Mr. Marks’ responsibilities included overseeing the design and development of construction plans, producing programmatic financial projections, managing the schedules of multiple projects with a total portfolio value in excess of $250M, negotiating contracts for consultants and specialty contractors, and facilitating communication between many public and private stakeholders.
1/21 – 5/22	**State Highway 327 SPUR: Staring Lane Extension, Baton Rouge, LA:** LADOTD Project Manager. Mr. Marks led the preconstruction activities on behalf of the Louisiana Department of Transportation for this project. The preconstruction services included topographic site surveys, environmental document preparation, traffic impact studies, and preliminary project plan development. This Road Transfer Program project had a cost estimate of $15.6 million.
09/19 - 12/20	**State Highway 3073: US 167 – Kaliste Saloom Road, Lafayette, LA:** CE&I. Mr. Marks was responsible for every aspect of quality assurance on this project. Multiple signalized intersections and a large amount of sidewalk and pedestrian facility improvements required comprehensive sidewalk closure and pedestrian re-routing during construction. The purpose and need for this project was concrete pavement rehabilitation on an urban arterial with an ADT in excess of 46,000 vehicles per day. Mr. Marks was onsite daily (and nightly) communicating with the contractor and inspection and testing firm. This project was one of the first several in District 03 to use Headlight for documentation. The construction cost was approximately $6.5 million.
09/19 - 04/20	**Repairs to Vermilion River Bridges (HBI), Lafayette, LA:** CE&I. This project involved mechanical and electrical repairs to six movable bridges along the Vermilion River from Lafayette, LA to Abbeville, LA. Five of the bridges were vertical lift bridges and one (Ambassador Caffery Pkwy) was a swing span bridge. The project was funded with Federal emergency dollars to make repairs to facilities impacted by 2016 flooding. The project involved overnight work and sophisticated traffic management, both with motorists and the US Coast Guard. The repairs were technical in nature and required me to become knowledgeable of the National Electric Code (NEC), structural components, and hydraulic systems.
10/17 – 04/20	**Verot School Road (LA 339), Lafayette, LA:** CE&I. The project, a 3.27-mile total reconstruction, involved the complete removal of an existing two-lane roadway with an ADT of 20,000 vehicles per day and subsequent replacement with a new four-lane boulevard with pedestrian facilities in south Lafayette, LA. Mr. Marks provided on-site construction administration services for this project, which had a total construction cost of over $38 million. This project was high profile in nature and received major input from the public and media. Post construction, this roadway has achieved its program goals and provided the local municipality with a high-value segment of infrastructure compatible with future corridor transportation plans. Pedestrian facility utilization is high, and road users have experienced a substantial safety improvement from the implementation of dedicated turn lanes throughout the boulevard, separating turning movements from through-traffic.
01/18 – 06/18	**LA 343: LA 342 - 1.0 MI N LA 342, Duson, LA:** CE&I. Mr. Marks served as the CEI field lead on this project which involved the complete reconstruction of 1 miles of LA 343 by way of in-place cement stabilized base course, RPCCP base course, and asphalt paving. Asphalt patching was performed at bridge ends which included guard rail installation. Erosion control pipe and significant sack revetment was placed to stabilize the soil near the bridge end bents. Upstream, cross drainpipes were replaced under traffic. This project required the careful implementation of PGL transitions at tie-ins.

10/15 – 02/16	**LA 3083: Bayou Alexandre Bridge Replacement Coteau Holmes, LA:** CE&I. This on system bridge replacement project involved the replacement of a single lane timber bridge in rural St. Martin Parish with a new concrete girder span bridge. Mr. Marks provided daily onsite inspection during the early stages of the project until it was discovered that the concrete piles needed to be redesigned for inadequate bearing capacity observed during test pile driving. Mr. Marks observed the complete demolition and environmental compliance necessary to dispose of environmentally sensitive creosote piles and timber bridge. After test pile failure on a restrike, the project was postponed.
03/18 – 10/18	**La 700: Vermilion P/L - LA 342, Duson, LA:** CE&I. This route, a rural two-lane minor collector, needed complete reconstruction including in-place soil cement stabilization, Type E interlayer, and asphalt paving. This project also involved subgrade lime treatment and reinforced concrete pipe with flexible and sacked revetment. Mr. Marks provided daily inspection oversight and worked with District Laboratory personnel to administer the newly adopted asphalt paving quality assurance program.
02/19 – 12/19	**LA 31: 0.12 MI SE LA 94 - LA 336-1, Breaux Bridge, LA:** CE&I. This route, an urban minor arterial, received much needed asphalt concrete overlay of Portland cement concrete pavement, drainage structures, pedestrian improvements including the complete reconstruction of sidewalks and handicap curb ramps within the project limits, and a new signal at its intersection with Bridge Street. Mr. Marks provided inspection oversight of field operations and quality assurance on behalf of LADOTD.
06/20 – 12/20	**LA 731: LA 182 - US 90 S. Service Road, Broussard, LA:** CE&I. This project included predominantly asphalt paving and large drainage structure installation. Mr. Marks provided quality assurance as an employee of LADOTD during the installation of a dual 72" cross drain in a substantial channel requiring significant dewatering and construction layout. The 72" pipes entered an MH-14X OPEN manhole and extended to a large cast in place concrete headwall. This work also included municipal sewer and water facility adjustments and coordination. Mr. Marks was also instrumental in preconstruction activities including the development of what became a very accurate Contract Time Worksheet for this project.
04/15 – 04/16	**LA 367: LA 1113 - LA 365 Branch, LA:** CE&I. This project was a 6.5 mile full reconstruction of a rural major collector. Mr. Marks was the drainage inspection lead on this project, overseeing the installation of a triple barrel 7x7 box culvert extension as well as a dual 36" cross drain under traffic. The drainage work included cast in place structural concrete and the cleaning of other drainage structures along the route. The box culvert extension occurred in a large drainage canal that required a dam and diversion piping for installation.
07/18 – 10/19	**LA 347: Roundabout at Doyle Melancon Road, Breaux Bridge, LA:** CE&I. This roundabout was installed at a previously stop controlled intersection just outside of the city of Breaux Bridge near the high school. The placement of the inscribed circle demanded that a large drainage canal be filled and subsequently surcharged prior to the installation of new pavement. Mr. Marks provided on-site quality assurance during concrete paving operations.
08/13 – 12/14	**Roundabout at Interchange, LA 93 & LA 3168, Scott, LA:** CE&I. A gateway to the City of Scott from I-10, this roundabout required a total revamp to the existing interchange. All approaches were realigned and major changes to the grading and elevation of the area created a canvas for this critical terminus. As an LADOTD employee, Mr. Marks provided daily on-site inspection of operations and the daily logging of work reports and material testing.
11/13 – 08/14	**Lion Castille Road Bridge Over Bayou Portage Guidry, Breaux Bridge, LA:** CE&I. This off-system bridge project replaced a timber bridge with a new precast concrete panel bridge over driven PPC piles. Mr. Marks provided construction contract administration as a LADOTD employee. Mr. Marks led efforts for layout, sampling and testing, and project documentation.
08/13 – 06/14	**Little Platte Canal and Creek Bridges, Henderson, LA:** CE&I. This project consisted of the installation of a new double barrel box culvert with associated headwalls and guard rail. The roadway was completely closed during construction to allow full access for cranes and equipment to complete the realignment of the drainage canal and deep excavation required. The roadway was completely reconstructed with new embankment and full section consisting of class II base course (stone) and asphalt concrete pavement. Mr. Marks provided daily construction contract administration.
Career History	Mr. Marks is a seasoned transportation project manager with over a decade of experience in civil engineering and infrastructure development across Louisiana. He has extensive experience in construction engineering and inspection (CE&I), having provided quality assurance and field oversight for numerous urban and rural roadway projects, bridge replacements, roundabouts, and drainage infrastructure improvements. He is certified in the following: ATSSA Traffic Control Supervisor Training Course, Baton Rouge, 2015; ATSSA Traffic Control Technician Training Course, Baton Rouge, 2015.

Firm employed by Neel-Schaffer, Inc.					
Name	**Jacob Thiaville, EI**			Years of relevant experience with this employer	2
Title	Engineer Intern			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2022 / Civil Engineering		
Active registration number / state / expiration date			EI No. 35368 / LA / 09-30-27		
Year registered	2023	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Engineer Intern - Road Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 - Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’ east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: Roundabout;** Project will convert existing intersection to single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements, Lafayette, LA:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
11/22 – Present	**East West Corridor Winfield Rd Ext.:** Created Concept typical sections, templates to run model, corridor and surface, set up limits of construction and req’d ROW, line and grade design, plan production. Assisted with traffic analysis report graphics for ADT and queue lengths. TOOLS: Inroads SS2 Modeler (Create Template and Roadway Designer), Inroads Surface, Copying 1300x400’ Clipping boundary and Trimming
05/22 – 02/23	**Iberia Parish Signing and Striping, Iberia Parish, LA:** Created CL Alignment, completed all regulatory signing and quantities located all existing regulatory signs and determined if they needed to be relocated, removed or replaced. Determined Type and Size of Sign from MUTCD, Quantified all regulatory signs for urban and rural areas. Tools: InRoads alignment tracking, Excel, MicroStation, MUTCD, Google Earth, LA Tax Assessor

05/22 – 05/23	**Downtown Connector-Baton Rouge Sidewalk, Greenway, Baton Rouge, LA:** Quantities and Basic Drafting. Completed summary sheets. Tools: InRoads alignment tracking, Excel, Google Earth
05/22 – Present	**LSU Lab School SRTS Sidewalk Project, Baton Rouge, LA:** Plan production and quantities. Completed all quantities and summary sheets. Tools: InRoads alignment tracking
10/22 – Present	**E Milton Ave Roundabout at Chemin Metairie Rd, Youngsville, LA:** Inlet Spacing and Storm Sewer System design with DOTD hydraulics software, Utility Coordination, Plan production. Delineation of Drainage Areas, determination of drainage parameters, designing pipe networks to accommodate constraints, created DOTD utility conflict matrix spreadsheet and proposed utility layout (plan) to show what utilities need to be relocated. Tools: InRoads ss10, RAB Layout Guide Sheet, AASHTO, DOTD Roadside Design Manual, HYDRWIN, Excel, Hydraulics Manual, Rational Method Spreadsheet.
05/22 – Present	**W Broussard Roundabout at Duhon Rd, Lafayette, LA:** Inlet spacing and pipe system (1st Time), basic plan/profile drafting including (focus on Inlet Spacing): CB-06, CB-08, low points, stations, drainage areas. Tools: InRoads ss10, HYDRWIN, Hydraulics Manual, Rational Method Spreadsheet
07/22 – Present	**Eden Isles Roadway, HWY 11 and Lakeview Dr:** Assisted with proposal design alternatives. Assisted drafting 3 alternative designs with U-turn bulb outs for PC and WB67 vehicles, annotating the sheets for stage 0. Tools: InRoads ss2, DOTD Roadside Design Manual, AASHTO
08/22 – Present	**Chemin Metairie Pkwy at Guillot Rd (Roundabout), Lafayette, LA:** Plan production, sequence of construction temporary signing design and AutoTURN. Using MUTCD and standard plans to come up with temporary signing layout for construction phases, running AutoTURN with WB67 design vehicle through all the phases of construction. Tools: InRoads ss2 alignment tracking, MUTCD, LADOTD Standard Plans, AutoTURN. **Project includes J-turns and U-turns.**
01/23 – Present	**I-49 at Verot School Rd Interchange Design, Lafayette, LA:** Completed concrete joint layout for interstate ramps and turnouts, Used OpenRoads Sign CAD to create interstate guide signs. Tools: OpenRoads SignCAD, MUTCD, DOTD Sign Manual, SignCAD user guide, Google Earth, Excel, LADOTD Standard plans
05/22 – Present	**LA 544 and I20 (Overpass Replacement 4 RAB):** Signing quantities and plan production. Checking sign quantities and basic mark-ups. Tools: InRoads ss2 alignment tracking, Excel, MicroStation, MUTCD
06/22 - Present	**Jimmie Davis Bridge (LA 511) (HBI) Design-Build:** This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. NSI is providing the traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. This preliminary design is being completed in support of the Design Build Proposal document. Design Services. **Project includes J-turns and U-turns.**
Career History	Jacob joined NSI's New Orleans office as an Engineer Intern working in our Transportation Department. He was an intern in the Baton Rouge office from May to December 2022. After graduating from Louisiana State University with a Bachelor of Science in Civil Engineering, Jacob joined the firm on a full-time basis.

16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**Ryan Lam, EI**			Years of experience with this firm/employer	2
Title	Engineering Intern			Years of experience with other firm(s)/employer(s)	0.5
Degree(s) / Years / Specialization			BS / 2023 / Civil Engineering		
Active registration number / state / expiration date			EI 35526 / LA / 03-31-26		
Year registered	2023	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Engineer Intern - Road Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 - Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: Roundabout;** Project will convert existing intersection to single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements, Lafayette, LA:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
07/21 - 08/21	**LA 1088: Soult and Trinity Roundabouts, St. Tammany Parish, LA:** Ryan assisted with the title sheet and typical sections, cut plan/profile sheets and displayed the vertical alignment, created reference and benchmark sheets. This project consisted of 2 roundabouts to reduce existing congestion and accommodate future traffic. Tools: MicroStation, InRoads alignment tracking.

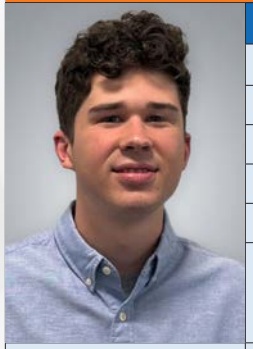
07/21 - 08/21	**LA 70: Sunshine Bridge – LA 22, St. James and Ascension Parishes, LA:** Ryan assisted in typical sections, created geometric details sheets. This 5.148 mile project consisted of widening the roadway into 4 lanes. Tools: MicroStation, InRoads alignment tracking, Excel.
08/23 – Present	**I-49 at Verot School Rd. Interchange Design, Lafayette, LA:** Ryan switched out reference files and annotated callouts on plan/profile sheets, and determined sign sizes for signing summary sheets. This project includes 2.4 miles of mainline freeway and interchange at the intersection of I-49 South/ US 90 and Verot School Road. This project includes the design of a major bridge crossing at Verot School Road and I-49 and a roundabout at the relocated intersection of Verot School Road and South College Road. Part of this project also includes a new interchange over multilane highway and railroad, converting at-grade railroad crossing to above grade crossing, and reconstructing four at-grade railroad crossings. Tools: MicroStation, MUTCD.
08/23 - Present	**Ascension Parish Signing and Striping, Ascension Parish, LA:** Ryan assisted in the feasibility report by creating aerial exhibits displaying the project limits. This project includes 56 miles of roadway including 44 sites for signing and striping. Tools: Google Earth, Microsoft Word.
06/21 - 07/21	**Amite River Bridge Near French Settlement, Livingston Parish, LA:** Ryan calculated the quantities and updated the summary sheet tables for a temporary widening change order. This 1.126 mile project consisted of designing a new bridge and realigning and relocating River Bend Rd. Tools: MicroStation, Excel, InRoads alignment tracking, LADOTD Road Design Manual, LADOTD Standard Plans and Special Details
08/23 – Present	**I-69 SIU 15 Grant Application, Caddo and Bossier Parishes, LA:** Ryan determined changes in land use, predicted the future cost of the project, and created a project schedule. This project will provide a new direct connection between I-49 and the Port of Caddo Bossier by constructing a new two-lane roadway, reconstructing existing roadways, and replacing existing bridges. Neel-Schaffer completed the stage 0 feasibility study and is now working on this grant application to assist with its funding. Tools: Google Earth, Excel Project Specific
08/23 – Present	**Chemin Metairie Pkwy. at Guillot Rd. Improvements, Lafayette Parish, LA:** Ryan assisted in creating the signing layout and cut sheets. This 0.52 mile project will reconstruct a single lane roundabout into a multi-lane roundabout. Tools: MicroStation, InRoads alignment tracking, MUTCD
12/21 – 01/22	**LA 1256 intersection improvements (Calcasieu Parish):** project will construct multiple turn lanes along 1256. Drainage improvements are included along with signal design. Road design and drainage design are in conformance with DOTD requirements. Design services.
06/22 - 07/22	**LA 109: Gully Bridge, Calcasieu Parish, LA:** Ryan filled out the design report. This 0.09 mile project consisted of a bridge replacement. Tools: LADOTD Minimum Design Guidelines
Career History	Ryan joined our Baton Rouge office as an Engineer Intern working in our Transportation Department. Ryan has experience with design and plan production. Ryan was a summer intern in the road design section at LADOTD's headquarters during the summers of 2021 and 2022. After graduating in May 2023 from Louisiana State University with a Bachelor of Science in Civil Engineering, Ryan joined Neel-Schaffer on a full-time basis.

Firm employed by Neel–Schaffer, Inc.					
Name	**Stephen Perault**			Years of relevant experience with this employer	7
Title	Senior Technician			Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization			N/A		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Stage 0 Feasibility Study and Design of Low–Cost Safety Improvements		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. Stephen serves as the lead designer. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’ east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert existing intersection to single lane roundabout intersection.
08/15 – 12/16	**H.010572.1: Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44) in Ascension Parish for LADOTD:** This project included a tiered analysis which analyzed 20 interchange types for the LA 30 and I–10 interchange. Assisted with the geometrics, and cost estimates.
08/15 – present	**H.011279.1: Stage 0 Feasibility Study LA 328 (Latiolais Drive to Julie Street):** Assisted in concept layouts and cost estimate. This project considers multiple alternatives along a 5.5–mile portion of LA 10 including roundabouts, additional capacity, access management, couplets and more.
8/17 – 8/20	**US 71 (Barksdale Blvd) Streetscape Improvements Phase 1:** Project constructed 1.5 Miles of sidewalk improvements and lighting to LADOTD requirements. Plan and Profiles sheets were provided on aerial imagery with DOTD review and approval. Designer
08/15 – Present	**H.011242.1: Stage 0 Feasibility Study and Environmental Inventory for LA 384 (Big Lake Road to McNeese Street) in Calcasieu Parish for LADOTD:** Assisted with layouts and cost estimates.

06/18 – Present	**I-49 South at Verot School Road, Lafayette, LA S.P. H.011235.5:** This project will construct 2.4 miles of mainline freeway, an interchange at the intersection of I–49 South/US 90 and Verot School Road, and a roundabout. Neel–Schaffer is serving as the subconsultant for this project and designing the mainline and frontage roadways and associated drainage. Neel–Schaffer is also completing the traffic design and TMP. Mr. Perault is assisting in the design and plan production for this project which includes the BNSF railroad crossing overpass at Verot School Road.
11/19 – Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project will provide low–cost safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. Perault has assisted with the roadway plan production and design for these projects. The task orders under this project are as follows: **Local Road Signing (Vermilion) (SPN. H.013014);** The project includes ball–bank study, striping and signing to improve the safety along roadway segments and curves. **Independence SRTS – Phase II (SPN. H.010108.1);** The project includes approximately 4,100 feet of sidewalks, storm sewer drainage system, handicap curb ramps, and signage along LA 40, N. Oak St. and Pine St. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770);** Project includes signage and striping for safety improvements along 30 Miles of roadway. **LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1);** This project will provide safety improvements which include a road diet, new crosswalks, sidewalks, signage, and new pavement markings. The project limits are along Avenue B (LA 60), Plaza Street and Red Cross Plaza. **W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621);** This project will provide safety improvements which include 2,000 feet of sidewalks, pavement markings, signage, and storm sewer drainage along W. 11th Avenue between S. Tyler (LA 21) to S. Jefferson Avenue. **LRSP Signs, Striping and X–Overs (Gonzales) (SPN. H.013621.1);** This project will provide safety improvements (median modifications, pavement markings, signage) along S. Irma Boulevard and S. Purpera Avenue. **Downtown Greenway LA Connector (BR) (SPN. H.013751);** The project will provide sidewalks and shared lanes on Louisiana Ave. and Eddie Robinson Sr. Dr. The project scope includes adding sidewalks, replacing driveway pavement, installing plastic pavement striping, and ADA–compliant curb ramps. **LSU Laboratory School SRTS Project (SPR. H.009290);** This project includes shared use paths along Dalrymple Dr., sidewalks along Fraternity Dr., curb extensions, signage, striping and ADA–compliant handicapped ramps. **Local Road Signing (Ascension) (SPN. H.015011);** Project includes raised median installation, signage, and striping for safety improvements along 32 parish and local roadways in Ascension Parish.
01/19 – 12/19	**LA 73 (Old Jefferson Highway) Turn Lanes, Ascension Parish, LA:** This project constructed turn lanes at multiple locations along LA 73 in Ascension Parish. Mr. Perault assisted with the design and plan production for this project. The design was completed in accordance with LADOTD guidelines.
02/20 – Present	**Route I–20, I–20: LA 544 Overpass Replacement, Lincoln Parish, LA:** Mr. Perault is assisting in the design and plan production for this project. This project begins North of the LA 544 and Woodward Avenue intersection and ends South of LA 544 and Gains Avenue intersection. It will replace the LA 544 Overpass diamond interchange with a double roundabout interchange. The project includes a new bridge over I–20 with sidewalks and four multilane roundabouts.
Career History	Mr. Perault has almost 40 years' experience in roadway design which includes the design of interchanges, new urban and rural roadways, widening for existing corridors, intersection improvements, as well as over 25 roundabout projects. He has completed work for State, Parishes and industry. His project experience at LADOTD includes: **US 190: Roundabout at Eden Church RD. S.P. H.000466:** Project included a 3–legged Roundabout at the intersection of US 190 and Eden Church Rd. Responsible for the design and development of preliminary and final roadway plans, and prepared the construction cost estimate. **LA 637: Port of S. Louisiana Connector S.P. H.008322:** Responsible for the design and development of preliminary and final roadway plans for the widening of LA 637 from 2 to 3 lanes and prepared the construction cost estimate. **Existing 3–Lane to Contraband Bayou Bridge S.P. H.003969:** Designer of the preliminary and final roadway plans that involved the widening on LA 1138–2 from 2 to 3 lanes and a 3–legged Roundabout at the intersection of Holly Hill Road and LA 1138–2 and assisted with the construction cost estimate. **LA 16 Widening, Denham Springs – Watson S.P. 262–02–0023:** Designed the roadway for the widening of LA 16 from 2 to 4 lanes. Responsible for the development of preliminary and final roadway plans and prepared construction cost estimate.

16. STAFF EXPERIENCE



Firm employed by Neel–Schaffer, Inc.					
Name	**Zachary Zemmer, EI**			Years of relevant experience with this employer	1
Title	Engineering Intern			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2025 / Civil Engineering		
Active registration number / state / expiration date			EI No. 0036150 / LA / 03-31-26		
Year registered	2025	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Engineer Intern - Traffic and Safety 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 years of experience specified in the applicable MPR(s).
02/24 – present	**Rue Du Belier & Ridge Widening Study and Design, Lafayette, LA:** Zachary formatted typical sections, helped draft the design drainage, updated HydroWIN subsurface and Open-Channel runs, updated the Rational Method Check in Excel, calculated quantities, and addressed comments made to plan and profile sheets for Rue Du Belier and Lagneaux St. at Ridge Rd. In addition, he updated the striping and signing layouts for Lagneaux, and added driveway callouts to Rue Du Belier.
03/24 – 07/24	**Jimmie Davis Bridge / LA 511 Design-Build, Bossier Parish, LA:** This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. NSI is providing the traffic analysis, signal design, striping and signing plans, road design support, and Bridge H&H and Scour for the river crossing, as well as traffic and TMP support. Zachary marked up plan and profile sheets, and updated the quantities and summary of drainage structures sheets.
03/24 – 04/24	**LA 384 Stage 0 Traffic & Safety Study, Lake Charles, LA:** This was a traffic and safety study for LA 384 (Country Club Road) from Big Lake Road to McNeese Street. Zachary provided Existing Quantities and Basic Drafting. He also created and revised alternative voting sheets, revised the Prioritization Meeting PowerPoint and added photos of conflicting services.
04/24 – 04/24	**Lafayette Downtown Sidewalks/Curb/Overlay Phase II, Lafayette, LA:** Zachary added stations, offsets, and elevation labels to working drawings.
05/24 – present	**W Broussard Roundabout at Duhon Rd, Lafayette, LA**: Zachary provided Inlet Spacing and Pipe System (1st Time), Basic Plan/Profile Drafting Including (focus on Inlet Spacing): CB-06, CB-08, low points, Stations, Drainage Areas. QA/QC for drainage. Added proposed sewer force main to the created Sewer Force Main sheets. Tools: InRoads ss10, HyrdoWIN, Excel, Hydraulics Manual, Rational Method Spreadsheet
05/24 – present	**Birnam Woods Blvd Segment 2, Harris County, TX**: Zachary created Typical Sections for proposed corridor, created the sidewalk layout sheets, and revised demolition plans according to comments made by Harris County. He also changed intersection radii to 30ft and updated sidewalk layout per Harris County comments.
06/24 – 01/25	**Mandeville Bypass, Mandeville, LA**: Zachary added revised geometric callouts and curve data to the geometric detail sheets, general drafting markups, addressed LADOTD comments on the striping and signing sheets, added ROW marker, SOC markups callouts. Tools used include OpenRoads SignCAD, MUTCD, DOTD Sign Manual, SignCAD user guide, Google Earth, Excel, and LADOTD Standard Plans.

08/24 – present	**LA 621 Realignment at LA 73, Dutchtown, LA**: Zachary made geometric changes to the design file including updating the right turn lane to LA 73 from I-10 exit ramp, and connecting the access road to Eads Rd. He also created typical sections and an existing drainage sheet.
09/24 – present	**LA 1256 at Carlyss Intersection Improvements, Sulphur, LA:** Zachary addressed comments made to plan sheets.
10/24 – present	**Buc-ee's Interchange, Lafayette, LA:** Zachary provided general drafting for plan/profile, typical sections, signing, and striping sheets. Revised the vertical alignment file. Updated the geometric detail sheets to match new proposed incidental pavement. Created and annotated cross sections. Created the preliminary drainage report, and started finding the impervious drainage areas, inlet spacing, added proposed storm drainpipes to the profile. Created existing and design drainage maps. Created Sequence of Construction sheets.
01/25 – 04/25	**I20: LA 544 Overpass Replacement:** Zachary provided QA/QC for the sequence of construction sheets. Updated raised islands to accommodate handicap ramps for crosswalks, then updated geometric details for the new incidental pavement. Calculated sidewalk quantities. Checked quantities. Created grading sheets and joint grade calculations.
07/25 – present	**Ardenwood Dr. Road Diet, Baton Rouge, LA**: Zachary provided Plan Production and Design Services which included created horizontal alignment from aerial and created two alternatives (two way left turning lane and raised median) for the road diet. Created AutoTURN runs. Calculated quantities for each alternative.
07/25 – present	**LA 47 Hayne Blvd. Safety Improvements, New Orleans, LA**: Design Services which created two alternatives for the proposed road diet.
Career History	A recent Civil Engineering graduate from LSU, Zachary works on a variety of transportation projects as an Engineering Intern for NSI. He started working at NSI as a student intern (2024-2025) during the spring semester of his junior year at LSU. Zachary began his career in high school, working as a student intern for Richard C. Lambert Consultants (2019-2021). He continued to work for RCLC during his freshman and sophomore years, as well as the fall semester of his junior year at LSU (2021-2024). Zachary contributed to projects including Abita Springs Sidewalk Lighting Improvements, Washington Parish Bridge Improvements, and the Westwood Detention Pond.

Firm employed by Neel-Schaffer, Inc.					
Name	**Ellen Burke Howard, PE, PTOE, RSP**			Years of experience with this firm/employer	10
Title	Project Manager			Years of experience with other firm(s)/employer(s)	5
Degree(s) / Years / Specialization			BS / 2009 / Civil Engineering		
Active registration number / state / expiration date			PE No. 38207 / LA / 03-31-2026; PTOE 3735; RSP 349		
Year registered	2013	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Project Manager for traffic studies, **MPR 4**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert existing intersection to single lane roundabout intersection.
06/22 – Present	**District 03 Safety Investment Plan, LADOTD**: Engineer for this study evaluating crashes at 119 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
04/20 – 07/21	**District 05 Safety Investment Plan, LADOTD**: Engineer for this study evaluating crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements. There were initially 81 locations with 53 additional locations added as a supplement.
02/19 – 03/20	**District 07 Safety Investment Plan, LADOTD**: Engineer for this study evaluating crashes at 63 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
12/17 – 03/19	**District 08 Safety Investment Plan, LADOTD**: Engineer for this study evaluating crashes at 68 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
01/14 – 05/15	**Safety Study, LA 49 (Williams Blvd.,) Kenner, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.010570)**: Traffic Engineer responsible for data collection, intersection operational signal analyses (Synchro), and Vissim modeling.

07/21 – Present	**US 190 Access Management Stage 0 and Traffic Study**: Traffic Engineer responsible for initial and final data collection, existing safety analysis and existing and no build traffic analysis, final traffic report. **Project includes J-turns and U-turns.**
03/21 – Present	**MOVEBR N. Sherwood Forest Extension (C-P Proj. No. 20-CP-HC-0014)**: Traffic Engineer responsible for initial and final data collection, existing safety analysis, existing and no build HCS analysis, alternative HCS analysis, and final traffic report
09/20 – Present	**MOVEBR College Drive Enhancements (C-P Proj. No. 19-EN-HC-0033)**: Traffic Engineer responsible for calibrated Vissim model, existing and no build traffic analysis and alternatives analysis.
09/21 – 07/22	**MOVEBR Harding Boulevard at Interstate I-110 (C-P Proj. No. 20-CP-HC-0016)**: Traffic Engineer responsible for initial and final data collection, existing safety analysis and existing and no build traffic analysis, Tier 1 alternative analysis, and final traffic report.
08/20 – 10/21	**I-10 & I-12 College Dr. Flyover Ramp Design-Build Project (S.P. H.013897.1)**: Traffic Engineer responsible for calibrated Vissim model and traffic analysis, and Interchange Modification Report.
12/19 – 03/20	**US 80: Intersection at Bellevue Rd (S.P. No. 4400010504, T.O. No. H.014044.1)**: Traffic Engineer responsible for Initial and final data Collection, existing safety analysis, and Chapter 1 of Final Report and signalized intersection analysis. **Project includes J-turns and U-turns.**
02/15 – 12/17	**US 51 (W University to I-55) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1)**: Includes analysis of eight roundabout geometry intersections. Traffic Engineer assisted with Corridor Operational Analyses
01/15 – 06/15	**LA 3002, 16 & 1034 Corridor Study Phase 2 (Contract No. 4400004064, T.O. No. H.011645.1)**: Traffic Engineer responsible for data collection and traffic signal analysis.
01/14 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1)**: Traffic Engineer responsible for data collection, corridor traffic operational analysis (Synchro and Sidra), calibrated Vissim modeling, Stage 0 Traffic Report. **Project includes J-turns and U-turns.**
01/14 – 03/16	**LA 73 Corridor Study (LA 74 to LA 621) Stage 0 Feasibility Study (Contract No. 4400003362, T.O. No. H.011160.1)**: Traffic Engineer responsible for data collection, warrant analysis, corridor operational analyses (Synchro and Sidra), Stage 0 traffic report preparation.
01/14 – 06/14	**Stage 0 Study, considering the extension of Edenborne Parkway to South St. Landry Road (approximately 1 mile) for Ascension Parish**: Traffic Engineer responsible for intersection operational analyses (Sidra).
Career History	Mrs. Howard joined Neel-Schaffer, Inc. in January 2014. Before joining Neel-Schaffer, Mrs. Howard worked as a Traffic Engineer for LADOTD District 62. She also worked as a Traffic Engineer Intern for DOTD's Traffic Engineering Management Section in Headquarters. She worked on a variety of projects involving Traffic Engineering Studies, Signal Timing and Coordination, Corridor Studies, traffic modeling using VISSIM and Transportation Management Studies. During her employment at LADOTD, she also reviewed numerous Corridor Studies, Intersection Studies, Safety Studies, Traffic Impact Studies, and Temporary Traffic Control Plans. She is proficient in Traffic Engineering software such as HCS, Synchro, SIDRA, SimTraffic, VISSIM as well as LADOTD's CAT Scan safety tool. She also attended Highway Safety Manual (HSM) workshop, Highway Capacity Analysis Seminar, Roundabout Design Workshop, Traffic Signal Workshop, Synchro Training, Vissim Training, Access Management Location and Design Course, Alternative Intersections / Interchanges Workshop, and Crash Reconstruction for Traffic Engineers Course. With Neel-Schaffer, Mrs. Howard has served as a project engineer for the noted traffic related LADOTD projects. Mrs. Howard is a certified Professional Traffic Operations Engineer (PTOE), a certified Road Safety Professional Level 1, and has completed LADOTD's Traffic Engineering Process and Report (TEPR) training.

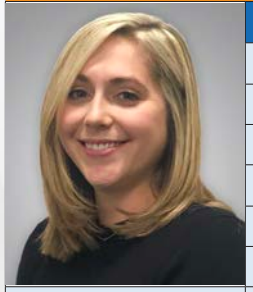
Firm employed by Neel-Schaffer, Inc.					
Name	**Jonathan Duhe, PE, PTOE, RSP**			Years of experience with this firm/employer	11
Title	Project Engineer			Years of experience with other firm(s)/employer(s)	1
Degree(s) / Years / Specialization			BS / 2011 / Civil Engineering		
Active registration number / state / expiration date			PE No. 41047 / LA / 03-31-27; PTOE No. 4418; RSP No. 282		
Year registered	2016	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Engineer - Traffic Studies and Signal Design, **MPR 4**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 - Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** Project will convert existing intersection to single lane roundabout intersection.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (line and grade). Preliminary and final plans.
02/20 – Present	**I-20 at LA 544 Overpass Replacement, Lincoln Parish, LA**: This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. This project includes four multilane roundabouts located in a tight project area with many constraints and large grade changes. The roundabouts will connect ramps and service roads with adjacent businesses. The project includes new bridge with sidewalk over I-20. The entire project limits are complete street compliant which means it provides facilities for all users. Tasks similar to Line and Grade completed: Established design criteria, typical roadway sections, horizontal and vertical geometry, ID structure locations and more. Mr. Duhe provided signal design review. Preliminary and final plans.
08/22 – Present	**LRSP Ardenwood Dr Road Diet, Baton Rouge, LA**: Project Engineer, Responsible for Data Collection (Traffic Counts and Peak Hour Observations), Traffic Forecasting, Safety Analyses, Corridor Operational Analyses (HCS, Sidra), Safety Analyses, Traffic Report Preparation
07/21 – Present	**FYA Signal Improvement (LCG), Lafayette, LA**: Project Engineer. Oversaw development of signal plans to upgrade 28 intersections to include flashing yellow arrow signal heads as well as backplates.

09/21 – Present	**Harding Blvd at I-110, Baton Rouge, LA**: Traffic Engineer. Performing a traffic study along Harding Boulevard between Rosewood Street and Merle Gustafson Drive including the I-110 Ramps in an effort to improve capacity. Assisted with data collection and Initial Data Collection Report.
09/20 – Present	**College Drive Enhancement Project, Baton Rouge, LA**: Traffic Engineer. Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including peak period observations and travel time runs. Also performed safety analysis along the College Drive corridor.
06/20 – Present	**I-10/12 College Drive Flyover Design Build, Baton Rouge, LA**: Traffic Engineer. Performing a traffic study at the I-10/12 merge in an effort to improve capacity and safety. Assisted with uncalibrated VISSIM model. Assisted with safety analysis and signal design.
04/20 – 06/21	**District 05 Safety Investment Plan District 05, LA**: Traffic Engineer. Assisted with safety analysis including reviewing crashes utilizing LADOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
11/17 – 04/19	**District 08 Safety Investment Plan District 08, LA**: Traffic Engineer. Assisted with safety analysis including reviewing crashes utilizing LADOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
02/19 – 03/20	**District 07 Safety Investment Plan District 07, LA**: Traffic Engineer. Assisted with safety analysis including reviewing crashes utilizing LADOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
11/16 – 04/19	**LA 385 (Ryan St) Feasibility Study, Lake Charles, LA**: Traffic Engineer. Assisted with intersection analysis including Vistro analysis. Assisted with safety analysis including reviewing crashes, creating collision diagrams, identifying conflict points, and using LADOTD's CATScan tool to analyze safety. Also assisted with report preparation. **Project includes J-turns and U-turns.**
02/16 – 10/17	**LA 6 Feasibility Study, Natchitoches, LA**: Traffic Engineer. Assisted with intersection analysis including Sychro and Sidra analysis. Assisted with safety analysis including reviewing crashes, creating collision diagrams, and using the HSM Predictive method to analyze safety of potential alternatives. Also assisted with report preparation.
03/20 – 06/20	**Braud Rd at Germany Rd Temp. Signal Design, Gonzales, LA**: Project Engineer developed signal layout and timing parameters for temporary signal. Signal design included developing Clearance Calculations, utilizing Synchro for signal timing, designing in MicroStation software, developing Intersection Quantities, and creating a Traffic Signal Inventory).
03/19 – 11/19	**District 08 Signal Timing Study, Natchitoches, LA**: Project Engineer Oversaw Data Collection (TMCs, Observations, Inventory, Travel Runs, etc), Signal Warrant Analyses, Intersection Operations Analyses (Synchro), Developed new signal timing and TSIs.
03/19 – 11/19	**US 61 Signal Timing Study, Baton Rouge, LA**: Project Engineer Oversaw Data Collection (TMCs, Observations, Inventory, Travel Runs, etc), Signal Warrant Analyses, Intersection Operations Analyses (Synchro), Developed new signal timing and TSIs.
12/19 – Present	**US 80 Feasibility Study, Stage 0/Traffic & Safety Study, Haughton, LA**: Stage 0 Report in support of safety improvements along US 80 corridor, specifically in the vicinity of Bellevue Road and Mid-South Loop Road. All analysis performed in HCS for this study. The traffic study was performed in accordance with DOTD's TEPR. Project includes signalized intersections. Oversaw Intersection Operational Analyses (HCS), safety analysis, alternative development, and traffic report preparation. **Project includes J-turns and U-turns.**
Career History	Jonathan joined Neel-Schaffer in 2013 and has nearly a decade of experience working on a wide range of traffic and transportation projects. He has worked on many intersection/corridor signal timing studies and signal design projects and other traffic engineering related projects for both public and private projects. He is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TS/PP-Draft), and SIDRA. Jonathan has completed training and has experience using LADOTD's CAT Scan safety tool. He is a certified Professional Traffic Operations Engineer (PTOE), a Road Safety Professional (RSP1) and has completed LADOTD's Traffic Engineering Process and Report (TEPR) training.

16. STAFF EXPERIENCE

J-TURN AND U-TURN PROJECT EXPERIENCE



Firm employed by					
Name	**Leah Selcer, PE**			Years of relevant experience with this employer	5
Title	Senior Project Manager			Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			BS / 2014 / Civil Engineering		
Active registration number / state / expiration date			PE No. 43492 / LA / 09-30-2027		
Year registered	2019	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	**US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226); H&H Analysis and Design Services:** This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design.
06/24 – Ongoing	**LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5; H&H Analysis and Design Services:** Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue.
06/22 – Ongoing	**Jimmie Davis Bridge (LA 511) (HBI) Design-Build:** Drainage Design. This project will replace the existing 5 lane roadway with a 4 lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. Neel-Schaffer is providing the roadway drainage design, traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. This preliminary design is being completed in support of the Design Build Proposal document.
02/15-01/16	**US 90 at PPG Drive and Trousdale Intersection Improvements, Calcasieu Parish, LA:** Ms. Selcer prepared construction documents and cost estimates for roadway intersection improvements required to mitigate traffic impacts along state and parish roadways for the proposed Axiall Plant Expansion. She prepared plans, including demolition, geometric drawings, signing plans, associated drainage improvements for the addition of a left turn lane and acceleration lane at the existing state highway intersection. Project included determining existing ROW and required ROW, taking inventory of as-built plans for the existing geometric section, coordinating existing utility relocations, and determining the required section based on the design criteria, roadway classification and traffic engineers’ recommendations. **Project includes J-turns and U-turns.**
02/15-01/16	**Walcott Road at US Hwy 90 Intersection Improvements, Calcasieu Parish, LA:** Ms. Selcer prepared construction documents and cost estimates for roadway intersection improvements required to mitigate traffic impacts along state and parish roadways for the proposed Axiall Plant Expansion. She prepared plans, including demolition, geometric drawings, signing plans, associated drainage improvements for the addition of a left turn lane and acceleration lane at the existing state highway intersection. Project included determining existing ROW and required ROW, taking inventory of as-built plans for the existing geometric section, coordinating existing utility relocations, and determining the required section based on the design criteria, roadway classification and traffic engineers’ recommendations.

02/15-01/16	**I-210 Exit Ramp Right Turn Lane Addition, Calcasieu Parish, LA:** Ms. Selcer prepared construction documents and cost estimates for roadway intersection improvements required to mitigate traffic impacts along state and parish roadways for the proposed Axiall Plant Expansion in Calcasieu Parish, LA. Prepared plans, including demolition, geometric drawings, signing plans, associated drainage improvements for the addition of a right turn lane at the existing Interstate Highway Off Ramp. Project included determining existing ROW and required ROW, taking inventory of as-built plans for the existing geometric section, coordinating existing utility relocations, and determining the required section based on the design criteria, roadway classification, and traffic engineers' recommendations.
02/15-01/16	**LA 108 & Maplewood Drive Intersection Improvements, Calcasieu Parish, LA:** Ms. Selcer prepared construction documents and cost estimates for roadway intersection improvements required to mitigate traffic impacts along state and parish roadways for the proposed Axiall Plant Expansion. Prepared plans, including demolition, geometric drawings, signing plans, associated drainage improvements for the addition of a left turn lane at the existing state highway intersection. Project included determining existing ROW and required ROW, taking inventory of as-built plans for the existing geometric section, coordinating existing utility relocations, and determining the required section based on the design criteria, roadway classification and traffic engineers' recommendations.
11/15-01/16	**LA 964 (Old Scenic Highway) Left Turn Lane Addition, Zachary, LA:** Ms. Selcer was responsible for the preparation of preliminary and final construction plans and cost estimates for the addition of a left turn lane on LA 964 in Zachary, Louisiana. She prepared plans, including demolition, geometric drawings, signing plans, associated drainage improvements for approval by DOTD.
05/20 – 11/20	**ARDOT 101054: Bridge Replacements Along SR 230, Lawrence and Craighead Counties, AR: Engineer for H&H Design.** Neel-Schaffer was selected to develop and provide final roadway plans, final bridge plans, hydraulic analysis and a geotechnical report for this project that includes the replacement of hydraulic structures at 10 sites along SR 230 between Alicia and Bono in Lawrence and Craighead counties. Ms. Selcer prepared a Hydrologic and Hydraulic Analysis for the roadway drainage structures associated with the project.
03/21 – 09/21	**ARDOT 061614: Bridge Replacements Along SR 86, Prairie County, AR:** Neel-Schaffer was selected to develop and provide final roadway plans, final bridge plans and a hydraulic analysis for this project that includes the replacement of hydraulic structures at two sites along SR 86 near SR 38 in Prairie County. Ms. Selcer prepared a Hydrologic and Hydraulic Analysis for the roadway drainage structures associated with the project.
10/20 – 03/21	**ARDOT 040788: Bridge Replacements Along SR 64, Crawford County, AR:** NSI was selected to develop and provide final roadway plans, final bridge plans and a hydraulic analysis for this project that includes the replacement of hydraulic structures at two sites along SR 64 near Mulberry in Crawford County. Ms. Selcer prepared a Hydrologic and Hydraulic Analysis for the roadway drainage structures associated with the project.
12/20 – 04/21	**ARDOT 040780: Bridge Replacements Along SR 186, Franklin County, AR:.** NSI was selected to develop and provide final roadway plans, final bridge plans and a hydraulic analysis for this project that includes the replacement of hydraulic structures at two sites along SR 186 near Altus in Franklin County. Ms. Selcer prepared a Hydrologic and Hydraulic Analysis for the roadway drainage structures associated with the project.
Career History	Ms. Selcer joined Neel-Schaffer in 2020 as a Water Resources Project Engineer and, in 2023, was promoted to the role of Louisiana Hydrology and Hydraulics (H&H) Lead. As the H&H Lead, Leah oversees all H&H and drainage design projects in Louisiana. Based in the firm's Baton Rouge office, Leah has 10 years of extensive and diverse experience on a variety of Civil Engineering and Coastal Engineering projects. She has a broad range of project engineering and management experience, providing design, planning, and budgeting services for multiple projects. She is also experienced in preparing permits, plans and specifications, design calculations, reports, and presentations for a variety of civil engineering projects. She has assisted in the engineering and design of several complex civil, coastal and water resources projects for coastal ports, parish governments, LADOTD, CPRA, as well as private developers.

16. STAFF EXPERIENCE

Firm employed by					
Name	**Colby Curtis, PE, CFM**			Years of relevant experience with this employer	2
Title	Project Engineer			Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			BS / 2020 / Civil Engineering		
Active registration number / state / expiration date			PE No. 49117 / LA / 09-30-2026		
Year registered	2024	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Ongoing	**US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226); H&H Analysis and Design Services:** This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design.
08/24 – Ongoing	**LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5; H&H Analysis and Design Services:** Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue.
08/22 – Ongoing	**Jimmie Davis Bridge (LA 511) (HBI) Design-Build:** Drainage Design. This project will replace the existing 5 lane roadway with a 4-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. NSI is providing the roadway drainage design, traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. This preliminary design is being completed in support of the Design Build Proposal document.
07/23 – 11/24	**DeSaix Bridge Replacement, New Orleans, LA:** The City of New Orleans Department of Public Works, City Park and local neighborhood association expressed a desire to retain aesthetic features of the existing (circa 1950) bridge while maintaining clearance underneath the bridge for recreational boaters and kayakers; and provide improved and safe access for bicycles and pedestrians. Neel-Schaffer is accommodating the stakeholders by providing a wider, pre-stressed slab span bridge with increased clearance and longer spans than the typical bridges crossing Bayou St. John. Precast fascia panels provide arches like the existing bridge and decorative lighting is included at the request of City Park and neighborhood association. The project also featured the relocation of a high voltage feeder line (powering drainage pumping stations) via horizontal directional drilling beneath the bayou.
08/23-Ongoing	**Holiday Drive Bridge Replacement, New Orleans, LA:** Project Engineer for the replacement of the side-by-side bridges over Algiers Canal along Gen DeGaulle Drive. The City of New Orleans Department of Public Works asset required the coordination with the Sewerage and Water Board and United States Corps of Engineers to properly tie into the previous and upcoming SELA improvements within the canal. This coordination yielded the design of a 4-span standard slab span bridge with additional piles placed for a future flume to be placed by the USACE. The project also includes a separate support structure for a 20” sewer force main that was previously supported by the bridge.
Career History	Mr. Curtis joined Neel-Schaffer’s New Orleans office in 2023 and serves as a Project Engineer in the Water Resources Group. Prior to joining Neel-Schaffer, he worked for three years at the United States Army Corps of Engineers in the Hydraulics Branch for both the Vicksburg and New Orleans District offices.

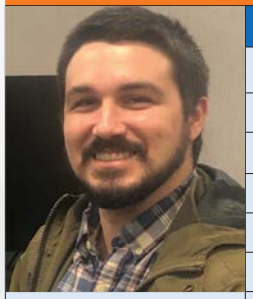
16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**Clarke Chauvin, PE, PTOE, PMP**			Years of experience with this firm/employer	1
Title	Transportation Project Manager			Years of experience with other firm(s)/employer(s)	13
Degree(s) / Years / Specialization			BS / 2013 / Civil Engineering;		
Active registration number / state / expiration date			PE No. 41770 / LA / 09-30-2027; PTOE No. 4337		
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Engineering Design, Studies, Analyses, Technical Expertise, **MPR 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 years of experience specified in the applicable MPR(s).
05/24 – Present	**Lake Charles Regional ITS Architecture Update:** Project Manager – Clarke is managing this ITS Regional Architecture Update on an expedited schedule. This update includes the evaluation of the existing ITS inventory and stakeholder engagement. Based on the findings of the existing ITS inventory and stakeholder needs, the updated ITS Architecture Report provides recommended ITS projects with cost, ITS services, interfaces, and architecture for the region.
05/24 – Present	**Shreveport-Bossier Regional ITS Architecture Update:** Project Manager – Clarke is managing this ITS Regional Architecture Update on an expedited schedule. This update includes the evaluation of the existing ITS inventory and stakeholder engagement. Based on the findings of the existing ITS inventory and stakeholder needs, the updated ITS Architecture Report provides recommended ITS projects with cost, ITS services, interfaces, and architecture for the region.
05/24 – Present	**Houma Regional ITS Architecture Update:** Project Manager – Clarke is managing this ITS Regional Architecture Update on an expedited schedule. This update includes the evaluation of the existing ITS inventory and stakeholder engagement. Based on the findings of the existing ITS inventory and stakeholder needs, the updated ITS Architecture Report provides recommended ITS projects with cost, ITS services, interfaces, and architecture for the region.
10/20 – Present	**I-10 ITS Scott to Lake Charles, Lafayette, Acadia, and Jefferson Davis Parishes, LA:** Project Manager - Clarke served as Project Manager to develop construction plans for 15 CCTV sites along I-10. With his background in hands-on ITS work, Clarke was able to provide unique insights into the project after it moves past construction and into preventative maintenance. Additionally, his experience with DOTD’s network allowed him to perform communications design which bring existing isolated sites into the project and to create network redundancy through fiber optic rings to better serve DOTD’s long term needs. The design of this project is completed, and Clarke continues to serve this project as the point of contact for technical support during construction.
07/23 – Present	**Northshore Regional ITS Architecture Update:** Project Manager – Initially serving in a role to provide technical support to architecture updates through RAD-IT, Clarke is now project manager and has worked to update all aspects of the ITS Architecture including operational concepts, functional requirements, interface requirements, ITS standards, proposed project costs and sequence, as well as the ITS Architecture Report.
09/22 – 06/24	**Alexandria ITS Phase 2 Design:** Project Manager – Initially serving as a subconsultant, providing expertise in ITS network and communications design, Clarke now provides oversight over the entire project. In addition to providing traditional fiber communications design, Clarke performed a wireless analysis for a point-to-point backhaul link, comparing alternative radio equipment with varying frequencies, to identify feasibility and reliability of communications which would bridge both sides of the Red River, in Alexandria.

03/16 – 03/24	**ITS Management, Operations, and Maintenance Engineering and Inspections (ME&I), Statewide, LA:** Project Manager. Through multiple iterations of this contract, Clarke has served as a pre-professional, engineer, and project manager for the ITS Maintenance Retainer Contract. He has performed routine maintenance on emergency crossover gates, travel time message system, CCTV camera sites, RVD sites, ramp meter sites as well as DMS sites. His skills include but are not limited to device troubleshooting, communication and network troubleshooting, parts replacement, as well as coordinating with law enforcement, TMC operations staff, and DOTD. He has had additional training in ITS devices, networking, wireless communication, and fiber optics and has utilized this information to be an effective trouble shooter and problem solver on the ITS Maintenance Retainer. A critical component of his efforts on this project was his ability to understand DOTD's ITS network to implement and propose improvements in communications and network structure which improved reliability and redundancy.
08/23 – 03/24	**Bonnet Carre SEA:** Project Manager - As someone with hands-on experience maintaining the Bonnet Carre spillway infrastructure for years prior, Clarke played a critical role in developing a plan for assessment of the existing infrastructure. As project manager, Clarke developed checklists for key components to be assessed as well as performing hands on inspection of the electrical, communications, and ITS infrastructure. Upon identifying an electrical hazard, Clarke proposed and implemented an emergency plan to temporarily resolve the issue until such time as it can be permanently resolved. Clarke performed network design, identifying the existing communications, proposed repairs/replacements (fiber, wireless, hybrid), and discussed alternatives with DOTD to ensure continued operation even if the project needed to be broken into phases. Clarke also led efforts to implement an RWIS system in response to the I-55 "Superfog" incident.
06/22 – 10/22	**ITS Fiber Management System Data Collection:** Project Manager - Clarke led a field team to perform OTDR fiber testing and data collection, training personnel and providing quality control on collected data. With years of hands on experience with ITS and signal sites, Clarke was able to ensure proper inventory collection and validate fiber testing results. This helped develop a quality fiber management system for DOTD's future use.
06/19 – 03/24	**LADOTD DSRC Connected Vehicle Pilot, Baton Rouge, LA:** Project Manager - DOTD's first connected vehicle project. He managed a crew for the installation of Spectra RSU devices and worked with manufacturers and DOTD personnel to ensure the integration and operation of the devices. Even though there were many challenges with this first of its kind project, Clarke's hands-on experience allowed him to step in and update code on the devices to ensure proper functionality with DOTD's system. Clarke continued to support the system through maintenance after construction. Recently, Clarke led the upgrade to these devices required by new FCC requirements with CV2X communications.
03/16 – 07/19	**SASOL Lake Charles Chemical Project – System A – Adaptive Traffic Signal System, Westlake, LA:** Project Engineer - In support of LA's first adaptive traffic signal corridor, Clarke provided signal design support for multiple intersections. His efforts included developing preliminary signal permit plans, developing timing models, conducting field investigations, providing quantities, constructability reviews, and signal construction inspection. As the project developed, Clarke supported improved network design and implementation through wireless communications and supplemented the signal corridor with additional ITS including CCTV, vehicle detection, and Bluetooth detection.
09/18 – 03/24	**GNOEC Safety Bays, Greater New Orleans Expressway Commission, Metairie, LA:** Project Engineer. To promote safety and reduce congestion along the longest bridge in the world, Clarke was involved in designing an ITS system to supplement 12 safety bays currently under construction on the Causeway Bridge across Lake Pontchartrain. In addition to evaluating detection technologies to handle a non-standard application, Clarke worked to devise a communication system to remotely notify TMC staff when these safety bays were occupied to provide emergency assistance as quickly as possible. This included planning a detection system, a remote notification system, a CCTV camera system, and allocating fiber optic cables to design a redundant fiber optic ring. After construction, Clarke continued to support this system through maintenance and operations.
Career History	Mr. Chauvin joined Neel-Schaffer in 2024 and serves as a Senior Project Manager based in the firm's Baton Rouge office, focused on Intelligent Transportation Systems (ITS), traffic signals, and traffic studies. Clarke brought more than a decade of transportation and over 20 years of electrical experience when he joined the firm. He has extensive experience working on projects for DOTD, performing services including: feasibility studies, SEAs, ITS and communications design, integration, installation, and maintenance, deploying new technologies, and technical support. Clarke holds specialty certifications in PTOE, PMP, TCT/TCS, TEP&R, NFPA 70E, IMSA Signal Technician Level 1, 2, & Inspector, ESA Networking 101-106, RCNA/RCNP, various ITS hardware, and completed qualifications for LASFM Security Qualifier and Statewide Electrical Contractor.

16. STAFF EXPERIENCE



Firm employed by Neel-Schaffer, Inc.					
Name	**Seth Popay, EI**			Years of relevant experience with this employer	5
Title	Project Engineer			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2019 / Civil Engineering		
Active registration number / state / expiration date			EI No. 34729 / LA / 3-31-27		
Year registered	2021	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Traffic & Safety Analyses; Data Collection		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 - Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: Roundabout;** Project will convert existing intersection to single lane roundabout intersection.
12/20 – Present	**College Dr. Enhancement Project (MOVEBR) Baton Rouge, LA**: Engineer Intern. Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including travel time runs and collecting crash reports. Also assisted with performing a safety analysis using LADOTD's Cat Scan safety tool.
01/21 – 03/21	**District 05 Safety Investment Plan, Monroe, LA**: NSI evaluated crash history on the state and local highway network to identify potential roadway issues as well as potential infrastructure and operations safety countermeasures for nine parishes in DOTD District 05. Reviewed crash reports and data to be converted into one-page summaries of the segments and intersections involved in the study.
12/20 – Present	**Proposed Ouachita Middle School TIS, Statewide, LA**: NSI performed a Traffic Impact Study (TIS) for Ouachita Parish School Board. The proposed middle school was to be located on the corner of a proposed development. Helped with data collection of turning movement counts (TMC) and peak hour observations. HCS software was used to analyze turn lane movements and proposed driveways. Engineer Intern

12/20 – 02/21	**Ellis Estates TIS, Denham Springs, LA**: NSI performed a Traffic Impact Study (TIS) for NOCO, LLC. The new development is to be located on the south side of Buddy Ellis Road in Livingston Parish, LA. This was a Threshold 2 study based off Livingston Parish's Traffic Impact Policy, which aimed at analyzing the proposed access to the proposed site. Trip generations were constructed based off existing and future condition volumes. Turn lane and intersection analysis was conducted using HCS software. Determined roundabout capacity and Level of Service (LOS) of the intersection of Buddy Ellis Ln at Juban Road using Sidra Intersections. Engineer Intern
01/22 – Present	**N 5th St – N 6th St Traffic Study, Monroe, LA**: Engineer Intern. Performed a safety analysis of the two corridors as well as a safety analysis of the major intersections along both corridors using LADOTD's Cat Scan safety tool.
01/21 – Present	**I-10 ITS Scott to Lake Charles, Statewide, LA**: NSI performed various engineering design and ITS analysis for CCTV cameras along I-10 corridor. These tasks included detailed analysis, CAD drafting, and cost estimates of materials. Developed CAD plan sheets of CCTV camera pole locations and line work for various conduits/cables. Detail sheets were created for finalized 60% plans. Engineer Intern
10/21 – Present	**FYA Signal Improvements, Lafayette, LA**: NSI performed intersection inventory of requested signals in the city of Lafayette. The new signal inventory was used to develop new TSIs (Traffic Signal Inventory) as well as recommend the requested modifications to the signals that need upgrading. Engineer Intern
08/21 – Present	**Synchronization and Communication Signal Rebuilds Phase 2 – Group 4, Baton Rouge, LA**: MOVEBR identified six signals for group 3 that needed improvements. NSI evaluated crash history at the project intersections to identify potential roadway issues as well as potential safety countermeasures. HCS software was used to analyze the roadway network and develop new signal timings. Developed and designed CAD sheets to upgrade the existing intersection equipment to current design standards. Engineer Intern (Synchro, Clearance Calcs, AutoTurn, MicroStation).
03/21 – Present	**Signal Timing Analysis and Corridor Study for Hwy 6, Missouri City, TX**: NSI performed data collection along a corridor section of highway 6 in Missouri City, Texas. Synchro software was utilized to analyze the existing signal timings along the corridor section as well as develop new recommended timings for the signals along the corridor. Engineer Intern
08/21 – 02/22	**LA 16 Access McDonalds/ Urgent Care TIS, Watson, LA**: Engineer Intern. Assisted with data collection including peak hour observations and TMC counts. Performed turn lane analysis and intersection analysis. (HCS software)
02/22 – Present	**Patriots Point Mixed Use Development TIS, Watson, LA**: Engineer Intern. Performed trip generation as well as trip distribution. Assisted with turn lane analysis and intersection analysis. (HCS software)
03/21 – Present	**Synchronization and Communication Signal Rebuilds – Group 3, Baton Rouge, LA**: MOVEBR identified six signals for group 3 that needed improvements. NSI evaluated crash history at the project intersections to identify potential roadway issues as well as potential safety countermeasures. HCS software was used to analyze the roadway network and develop new signal timings. Developed and designed CAD sheets to upgrade the existing intersection equipment to current design standards. Engineer Intern (Synchro, Clearance Calcs, AutoTurn, MicroStation)
12/21 – 01/22	**LA 1256 Corridor Study, Lake Charles, LA**: Engineer Intern. Collected and reviewed crash reports. Assisted with safety analysis for three intersections along LA 1256 corridor using LADOTD's Cat Scan safety tool.
Career History	Mr. Popay is an Engineer Intern with experience in multiple traffic and safety engineering software packages including HCS, SYNCHRO, Vissim, SIDRA and LADOTD's CAT Scan safety tool. Mr. Popay has completed DOTD's Traffic Engineering Process and Report (TEPR) training.

16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.			
Name	**William (Don) Lancaster, PE**	Years of experience with this firm/employer	18
Title	Senior Project Manager	Years of experience with other firm(s)/employer(s)	22

Degree(s) / Years / Specialization			BS / 1982 / Civil Engineering
Active registration number / state / expiration date			PE No. 22821 / LA / 09-30-2025
Year registered	1987	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Utility Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Utility Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Utility Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Utility Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** project will convert existing intersection to single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements, Lafayette, LA:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
03/07 – 04/11	**Bay Saint Louis Infrastructure Repairs, Bay St. Louis, MS:** Project Manager for the planning, design, bidding, and construction management of this program. Supervised the engineering and support staff responsible for design and construction administration of over $70 million in water, sewer, gas distribution, roadway, and sidewalk improvements.

04/24 – Ongoing	**Pelican Park Water System - Water Modeling, Mandeville, LA:** Project Manager. Evaluated the need for a new water well and storage tank at Pelican Park in Mandeville. NSI used InfoWater Pro to develop a hydraulic model of the water system that delivers pressurized flow to the park's playing fields and buildings. A data collection effort was conducted that fielded all the park's available information of the pipe network layout, existing wells, pumps, tanks, and sprinkler heads, and logs of monthly water usage. The model incorporated findings and associated properties such as the head losses, flow demands, and system's compliance with Louisiana Department of Health's water pressure requirements. Multiple scenarios were analyzed including adding a new well and tank. The results of modeling were presented in a report that established the benefits of a new well and tank and identified areas in the network where the pipes are undersized for the demands.
2/21 – Ongoing	**City of Mandeville Wetlands Restoration:** Project Manager for Lakefront Wetlands Restoration Project that will prevent further degradation of the wetlands and restore a functioning wetlands ecosystem within the area. Storm water from the Galvez and Massena outfalls will be directed through created wetlands, improving water quality within Lake Pontchartrain. The project established a best practice for creation of new wetlands, provided engineering concepts in support of multiple storm water routing alternatives and coastal engineering concepts for the design of a storm-resistant shoreline closure with an integral bike path and pedestrian link between Old Mandeville and Sunset Point Park.
11/2017 – 2019	**Repairs to Mississippi River Fender Systems, New Orleans, LA:** Project Manager for engineering services to New Orleans Sewerage and Water Board for a multi-phase effort to analyze the damaged dolphins and design replacement structures at the Oak Street and New River Intakes. The dolphins were damaged when a crude oil tanker traveling on the Mississippi River struck the New River Intake and then struck the Old River Intake before continuing down river. The intakes remained functional but the protective dolphin structures were damaged at both river intakes.
2013 – Ongoing	**Water Line Replacement Program, New Orleans, LA:** Project Manager for design, construction administration and resident inspection for water line replacements on over 80 blocks in the Mid-City, City Park and Dixon Neighborhoods. These replacement projects are part of the Joint Infrastructure Recovery Roads Program (JIRR) between the Sewerage and Water Board (S&WB) of New Orleans and the Department of Public Works (DPW). These projects include replacing undersized and aging infrastructure that was damaged during Hurricane Katrina. The 80+ blocks of water line improvements are separated into nine group projects and coordinated with DPW's roadway improvement projects. This coordination between S&WB and DPW allows each group to be bid as one project and reduces the impact on residents and businesses in the area.
01/08 – 11/13	**Gurney Road Sewer Area Upgrades:** Project manager and engineer for upgrades to the sanitary sewer system in this area. Work included replacement of the pump station to alleviate sanitary sewer overflows (SSO) as well as up-grade the force main exiting the station. The project included a new 2.85 MGD submersible triplex station and approximately 5 miles of force main.
2009	**Pumping Station and Force Main for the Hancock County Utility Authority:** Project Manager for a project that provides a pump station and force main to transport flows from an area that is experiencing high-density development. The project includes 1.4 MGD submersible wastewater pump station; 5 miles of force main from the station to the WWTF; and upgrades to pumps at an existing station that manifolds to new station.
03/10 – 05/16	**Bayou Duplantier Upgrades for City of Baton Rouge/E. Baton Rouge Parish DPW:** Project manager for upgrades to the sanitary sewer system in the Bayou Duplantier area. Work included improvements to a gravity sewer system to alleviate sanitary sewer overflows (SSO). The project included approximately 12,500 linear feet of gravity sewer pipeline 15 to 36 inches in diameter.
12/19 – Ongoing	**Safe Haven Blue Green Campus Master Plan, St. Tammany Parish, LA:** Project Manager. Developed a master plan and designed drainage improvements for the 293-acre Safe Haven complex. Responsibilities on the project include an assessment of the existing infrastructure including roadways, parking, site utilities and site drainage; an environmental screening considering potential for impacts to wetlands and known species of concern, including consideration of required permits; design of improvements to site drainage emphasizing green infrastructure, including detention ponds, bioswales, and rain gardens.
Career History	Mr. Lancaster has over 40 years of experience in civil engineering and project management. He is the Civil Design Manager for NSI's Louisiana offices and Senior Project Manager for NSI's large Gulf Coast Katrina Recovery Projects. Prior to joining NSI, Mr. Lancaster was Design Manager for a national firm oversight of the Sewerage and Water Board of New Orleans' Sewer System Evaluation and Rehabilitation Program (SSERP). Responsibilities included overseeing all aspects of planning, design and construction administration. He was most recently Project Manager for the City of Bay Saint Louis' (MS) FEMA utility replacement projects and the S&WB's Sewer System Rehabilitation for Hurricane Katrina Emergency Recovery Efforts. Mr. Lancaster offers his clients a wide range of design and project management experience leading to improved quality in the overall project.

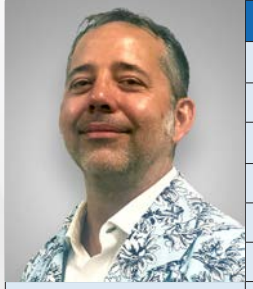
16. STAFF EXPERIENCE

Firm employed by					
Name	**Steven Hazen, PE**			Years of experience with this firm/employer	16
Title	Senior Engineer			Years of experience with other firm(s)/employer(s)	34
Degree(s) / Years / Specialization			BS / 1974 / Civil Engineering		
Active registration number / state / expiration date			PE No. 18087 / LA / 03-31-2027		
Year registered	1979	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Structural Engineer - Lighting, **MPR 7**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/20- 12/20	**Huntington High School Light Pole Foundations, Shreveport, LA:** Steve provided foundation design for light poles on athletic fields at Huntington High School.
01/24 - Ongoing	**Pelican Park Pickleball Courts, Mandeville, LA:** Steve provided foundation analysis for lighting at pickleball courts in Mandeville. Scope of work included installation of new foundations, poles, wiring, and associated electrical components.
01/19 - 12/19	**Pelican Park Athletic Fields, Mandeville, LA:** The project converted an unused baseball field and surrounding area into a multi-use facility that incorporates a designed pond feature circled by a walking trail. NSI provided engineering services to replace light poles at existing recreational fields. Scope of work included demolition of existing poles, installation of new foundations, poles, wiring, and associated electrical components. A total of fifteen 65-foot poles and corresponding foundations were installed for athletic field lighting. Foundation loads were calculated in accordance with ASCE Standard 7-10, and the L-Pile method was used to determine the ultimate lateral bearing capacity of the soils.
01/22 - 12/22	**Highway 71 (Barksdale Blvd) Lighting:** Steve provided foundation design for a four-lane highway in Bossier City, LA.
01/90 - 12/90	**Athletic Field Lighting, Louisiana Tech University, Ruston, LA:** Steve provided foundation design for athletic fields at Louisiana Tech University. Scope of work included installation of new foundations, poles, wiring, and associated electrical components.
01/83 - 12/83	**Clyde Fant Parkway Lighting, Shreveport, LA:** The project involved the addition of high mast lighting for the four-lane Clyde Fant Parkway in Shreveport. Steve provided foundation design for the project, which included installation of new foundations, poles, wiring, and associated electrical components.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (structural design).
09/18 – 12/18	**I-220 / I-20 Interchange Improvement & BAFB Design-Build Proposal, Bossier Parish, LA**: Project Engineer. Design of preliminary roadway drainage and H&H analysis for Musselshell Bayou and its tributaries and HEC-RAS analysis of Red Chute Bayou to check for effect of road embankment on flood stages. Project included both bridges and box culverts. Preliminary design was in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
02/10 – 10/11	**Off System Highway Bridge Program; Sparks Davis Rd Bridge over Tributary to Buchanan Bayou, Caddo Parish, LA**: Project Engineer. Work included HEC-RAS analysis of existing bridge opening and bridge replacement alternative plans. Existing bridge was a three-span concrete bridge, and the recommended alternative was four reinforced box culverts. Inspection and design were in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.

03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** project will convert existing intersection to single lane roundabout intersection.
02/10 – 06/10	**Off System Highway Bridge Program; South Lakeshore Drive Bridge over Tributary to Cross Lake, Caddo Parish, LA**: Project Engineer. Work included HEC-RAS analysis of existing bridge opening and bridge plans for the proposed replacement of two, 21-ft span concrete bridge. Recommendation was 4 reinforced box culverts. Inspection and design were in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
02/10 – 02/11	**Off System Highway Bridge Program; White Springs Bridge over Wallace Bayou, Caddo Parish, LA**: Project Engineer for replacement of 2-lane, 164' long bridge. New bridge is a 180' long and 40' wide concrete quad beam bridge with 20' approach slabs. Work included HEC-RAS analysis of bridge opening and bridge plans. Design was in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
11/06 – 12/09	**Off System Highway Bridge Program; Country Road Bridge over Garrett Creek, Jackson Parish, LA**: Project Engineer. Hydraulic design of Off-system Bridge Replacement in Jackson Parish, using HEC-RAS. Project included design of bridge replacement for a 25 ft x 57 ft timber bridge with four 10x8 reinforced concrete box culverts. Inspection and design were in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
06/06 – 01/08	**Off System Highway Bridge Program; Morningside Drive Bridge over Virginia Avenue Ditch, Caddo Parish, LA**: Project Engineer. Work included HEC-RAS analysis of bridge opening and bridge replacement alternative plans. Project included the replacement of a 20-ft single span concrete bridge with recommended alternative of two reinforced box culverts or 2 reinforced concrete pipe culverts based on hydraulic and economic analysis. Inspection and design proposals were in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
04/02 – 12/04	**Environmental Assessment for Tarbutton Road Interchange and Frontage Road; Route I-20, Ruston, LA**: Project Engineer evaluated existing bridge structures at LA 544, LA 149 and Tarbutton Road. Prepared schematic design modification or replacement of existing bridges and estimated construction costs. Inspection, review, and design was in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
Career History	Mr. Hazen joined Neel-Schaffer in 2008 after many years with Demopulos & Ferguson Associates, Inc. Mr. Hazen has worked as a Structural, Hydraulics and Soils Engineer with a primary focus on structural elements for roadway lighting, highway and railway bridges, structural design for buildings, facilities, hydrological analysis and drainage design for projects.

16. STAFF EXPERIENCE

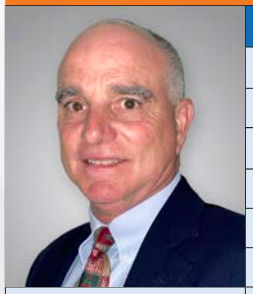


Firm employed by Neel-Schaffer, Inc.					
Name	**Gary LeBlanc, PE**			Years of relevant experience with this employer	3
Title	Project Engineer			Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization			BS / 1994 / Civil Engineering		
Active registration number / state / expiration date			PE No. 28220 / LA / 09-30-2027		
Year registered	1999	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road QA/QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/23 – Present	IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; QA/QC for roadway design and geometrics. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while **constructing J-turns and U-turns**. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366)**; QA/QC for roadway design and geometrics. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a **J-turn and U-turn** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; QA/QC for roadway design and geometrics. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;** 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. **5.) H.015640 LA 150 & LA 818: ROUNDABOUT;** project will convert existing intersection to single lane roundabout intersection.
04/23 – Present	**Lagneaux Turn Lane Improvements, Lafayette, LA:** Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.
04/23 – Present	**Rue Du Belier Roundabout:** Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.
04/23 – Present	**S. Domingue Roundabout:** Project will provide roundabout and drainage improvements. Assisted with design.
07/23 – Present	**US 90 Roundabout at LA 101**: Providing QA/QC for improvements to the safety of the intersection by upgrading a two-way stop intersection into a single lane roundabout. The roundabout is being designed using LADOTD and FHWA guidelines. This is a single lane roundabout that will comfortably accommodate WB-67 since this intersection is a detour route for I-10. This project includes pavement signing and striping, drainage improvements, access management, construction sequencing, and cost estimates for bidding.

10/22 – 10/23	**East-West Connector (Winfield Road Congestion Relief)**: NSI Performed a Traffic Study and Line and Grade for a new east-west corridor through Bossier Parish. Gary completed the Traffic Study for the project and all intersection analyses for the four major intersections. Includes multilane Roundabouts.
2/23 - 12/23	**Winfield Road Extension:** Project will provide new four-mile connector roadway between LA 1 at Belleview. NSI will provide road design services. Gary will provide QA/QC.
12/23 – Present	**LA 384 Feasibility Study**: QA/QC Capacity analysis and supporting documents
02/24 - Present	**I-69 SUI 13, 12 and 11, Road Design Services for ARDOT**: NSI is contracted with ARDOT to provide roadway and drainage design services for a 30 Mile new segment of I-69 with multiple interchanges near Monticello. Mr. LeBlanc is providing QA/QC for the roadway design. This corridor will be constructed in phases to allow it to advance as funding is available. Neel-Schaffer will produce this design as separate design packages.
07/22 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA**: NSI is completing the preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The new bridge over I-20 will include sidewalks and four multilane roundabouts. This project includes a level 2 TMP. Project includes line and grade tasks (establish design criteria, develop typical sections, horizontal geometry, vertical geometry).
04/22 – Present	**I-49 South at Verot School Road**: Provided QA/QC for this project to construct 2.4 miles of mainline freeway and interchange at the intersection of I-49 South/US 90 and Verot School Road. This project includes the design of a major bridge crossing at Verot Rd. and I-49, and a roundabout at the relocated intersection of Verot Rd and South Collage Rd. NSI is serving as the subconsultant for this project and designing the mainline and frontage roadways and associated a drainage. Project includes preliminary and final plans as well as signals.
07/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (Preliminary and final design).
07/22 – Present	**E. Milton Ave. Roundabout Widening and Corridor Improvements, Youngsville, LA**: QA/QC this project includes a line and grade, preliminary and final plans for a 1.1-mile project at the intersection of Chemin Metairie Road and E. Milton Avenue. This project includes adding a two-way left turn lane to existing 2-lane and convert a single roundabout to multilane roundabout. The corridor includes subsurface drainage, restricted crossing U-turn, and raised median to prevent left turn movements.
Career History	Mr. Leblanc has been employed by Neel-Schaffer for three years following a 28-year career with LADOTD. While at LADOTD, Mr. LeBlanc spent 18 years in the Traffic Section (formerly Geometric Design). Mr. LeBlanc is the original author of the Typical Left Turn Lane detail depicting geometric widening and storage requirements for turn lanes. Mr. Leblanc is also the Engineer of Record for LADOTD Pavement Marking Standards including PM-05 Typical Intersection Striping Layouts, which depicts turn lanes and R-Cuts. In addition, Mr. LeBlanc has provided QA/QC services for numerous turn lane projects, both as standalone initiatives and as components of larger LADOTD projects. Mr. LeBlanc twice served on the committee for the LADOTD Design Guidelines as well as served on the committee for the Road Design Manual.

16. STAFF EXPERIENCE



Firm employed by Neel-Schaffer, Inc.					
Name	**Ronald Kirk Gallien, PE, PTOE**			Years of experience with this firm/employer	5
Title	Senior Project Manager			Years of experience with other firm(s)/employer(s)	36
Degree(s) / Years / Specialization			BS / 1984 / Civil Engineering		
Active registration number / state / expiration date			PE No. 23428 / LA / 09-30-2027; PTOE No. 1288		
Year registered	1989	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic QA/QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/20 – Present	**I-20 at LA 544 Overpass Replacement, Lincoln Parish, LA**: This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. This project includes four multilane roundabouts located in a tight project area with many constraints and large grade changes. The roundabouts will connect ramps and service roads with adjacent businesses. The project includes new bridge with sidewalk over I-20. The entire project limits are complete street compliant which means it provides facilities for all users. Mr. Gallien provided TMP review.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design-Build, Baton Rouge, LA**: Project Engineer for Interchange Modification Report, Transportation Management Plan and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD’s TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies. The project also includes signal design.
6/22 – Present	**Jimmie Davis Bridge (LA 511) (HBI) Design Build**: This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. NSI is providing the traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. Traffic and TMP support.
1994 – 2007	**DOTD District 05 – District Traffic Operations Engineer** • Performed numerous traffic studies and composed numerous traffic engineering reports regarding traffic control such as traffic signal installations and modifications, signing, pavement markings, and establishing speed limits. • Annually investigated and analyzed existing traffic control devices at locations identified as having a high potential for safety improvement and recommended and implemented modifications to improve traffic flow and safety at these locations. • Coordinated and supervised upgrading all traffic signals (approximately 275) in District 05 from electromechanical to electronic controller operations. • Worked closely with private developers and public entities regarding access to proposed developments to ensure conformance with DOTD standards • Completed construction layout of pavement markings on numerous highway construction projects, including centerline passing/no passing zone markings on overlay projects. • Served as the legal expert in traffic engineering for District 05, and responded to interrogatories and requests for production, gave depositions, and testified in court

1994 – 2007	**DOTD District 05 – District Traffic Operations Engineer Continued:** **Projects:** • **Computerized Traffic Signal System in District 05**: Provided technical assistance to the consultant during design of the project as well as construction personnel during installation of the field equipment. After completion of the project, implemented and used the computerized traffic signal system to manage traffic operations on US 165. • **I-20 Elevated Section Rehabilitation Ouachita Parish**: Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project. • **I-20 Mississippi River Bridge Modifications**: Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.
2007 – 2014 2018 – 2020	**DOTD District 05 – Assistant District Administrator of Operations** • Supervised traffic engineering and operations, district-wide roadway maintenance, bridge inspection and maintenance, and roadside development activities in District 05. • Reviewed traffic impact studies and reviewed and approved access connection, utility, and project permits in District 05. • Planned, managed, and directed all emergency response activities in District 05, which included emergency response, repairs, and recovery related to hurricanes, flooding, tornadoes, and winter weather.
2014 – 2018 2020 – 2022	**DOTD Headquarters – Assistant Secretary of Operations** • Completed traffic studies and prepared written Traffic Engineering reports. Specific duties of traffic engineering studies included compiling filed data, performing peak period observations, performing analyses, QA/QC of field data and analyses, forming conclusions and recommendations based on the results of analyses, and preparation of technical reports. Studies included developments such as a 600-student middle school, a 400-student charter school, commercial subdivision, and a 650-unit student housing facility near Louisiana Tech University. Traffic studies and Traffic Engineering written reports also included modifications to existing traffic control devices such as traffic signal installations and modifications, signing, and pavement markings. • Compiled field data and assisted with analysis of data and preparation of a written report to create a District 05 Safety Investment Plan for DOTD District 05, 4400010504, Task Order No. H.014295.1. This included analysis of crash data, determination of crash patterns, determination of appropriate safety countermeasures, benefit/cost analyses, compilation of results and compilation of recommended safety improvements for 32 state and local segments as well as 99 state and local intersections. • Prepared Level 4 Transportation Management Plan for the I-10 and I-12 College Drive Flyover Design Build project, H.013897.6. Preparation of the plan included identifying the scope, goals, and constraints of the project, performing traffic and safety analyses, and assessing detour routes to effectively manage traffic during the project. Assisted with developing plans for stakeholder and public involvement during the project as well as the development of plans for maintenance of traffic, temporary traffic control, and work zone management strategies to be implemented during the project. • For the Garrett Road-Kansas Lane Connector project, H.007300, assisted in preparation of a Level 4 Transportation Management Plan. Assisted with designing temporary traffic control and temporary traffic signal construction and operations required for the project. Reviewed plans and performed QA/QC for temporary and permanent traffic control throughout the entire project limits.
Certifications	Traffic Engineering Process and Report (Modules 1, 2 & 3) – DOTD Safety Inspection of In-Service Bridges – National Highway Institute National Incident Management System – FEMA Crash Investigation and Reconstruction – Northwestern University

16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.

Name	**Frank Standige, PE**	Years of experience with this firm/employer	6
Title	Senior Project Engineer	Years of experience with other firm(s)/employer(s)	30

Degree(s) / Years / Specialization	BS / 1982 / Civil Engineering
Active registration number / state / expiration date	PE No. 24023 / LA / 03-31-2026
Year registered 1988 Discipline	Civil
Contract role(s) / brief description of responsibilities	Constructability QA/QC

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/20 – Present	**I-20 at LA 544 Overpass Replacement, Lincoln Parish, LA:** This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. Mr. Standige is providing constructability reviews and advice. Preliminary and final plans.
12/20 – 02/21	**Juban Road Widening, Livingston Parish, LA:** Providing construction support. Mr. Standige was recently able to solve a drainage issue in the field during construction. Preliminary and final plans.
02/17 – 04/19	**LNG Turn Lanes, LA 27 Permit Project, Cameron Parish, LA:** Project Engineer for road construction of asphalt turn lanes and drainage structures. Worked with the DOTD District office to ensure that DOTD requirements were met. Solved construction issues in the field with utility conflicts and drainage issues. Served as liaison between the contractor and DOTD District office. Provided updates to the DOTD District office on construction progress and traffic impacts.
10/08 – 09/12	**I-10/Causeway Interchange Phase 1 and 2:** Served as the Area Construction Engineer over the new roadway construction of the multi-decked, multi-lane interchange in Metairie. Reviewed design plans for quality assurance, reviewed and approved contractor's CPM, monthly estimates, plan changes and related documents. Worked with the design engineering firm, contractor, and DOTD HQ to solve an issue with cracks in the concrete columns. Resolved construction issues and developed plan changes during construction. Project cost - $53M.
03/06 – 09/12	**Huey P. Long Bridge Widening and Approach Ramps Project, Jefferson Parish, LA:** Served as the DOTD District construction coordinator for the widening and addition of the HPL Bridge. Reviewed consultant's design plans for quality assurance and made recommendations for changes. Reviewed contractor's CPM, monthly estimates, plan changes and consultant invoices. Worked with the LTM team to resolve issues during construction. Project cost - $1.2B.
08/06 – 03/09	**I-10 Widening – Causeway to 17th St. Canal, Jefferson Parish, LA:** Construction Engineer for the roadway construction widening of the interstate through Metairie. Responsibilities included reviewing design plans for quality assurance, reviewing and approving contractor’s monthly estimates, CPM’s, and plan changes. Resolved construction issues and worked with the design engineer to make plan changes during construction, due to changing field conditions. Met with the media to update on traffic impacts during construction. Project cost - $79.4M.
06/02 – 03/04	**Clearview Pkwy - Causeway Blvd. (Auxiliary Lanes):** Project Engineer for the construction of new concrete auxiliary lanes on I-10. Reviewed design plans for quality assurance and constructability and made recommendations for improvements. Cost of project $32.3M.
08/02 – 11/03	**Hickory Ave (Relocated LA 3 154, Dickory Extension):** Served as the Project Engineer for the construction of a new 4 lane concrete roadway, including drainage. Entergy has large transmission lines going through the median of this project and he had to coordinate closely with them on working around these lines. Reviewed design plans for quality assurance and constructability. The plans had sat on the "shelf" for many years and had to be redesigned in accordance with Mr. Standige's recommendations. Other issues that he dealt with during this project were drainage issues, adjustment of roadway elevations, and historic oak trees. Project cost - $3.1 M.

09/01 – 03/02	**EB I-10 Exit Ramp at Loyola Drive:** Served as the Project Engineer for the widening of the Loyola exit ramps on I- 10 Eastbound. Reviewed design plans for quality assurance and constructability.
1986 – 1989	**I-310 Bridge (LA 626 - I-10), St. Charles Parish, LA:** Served as Assistant Project Engineer for the end-on construction of the elevated I-310 bridge. Responsible for reviewing design plans for quality assurance and constructability, inspecting the contractor's work to ensure that it meets DOTD specifications, performed materials testing, reviewed plan changes and contractor's monthly estimates, supervised certified inspectors.
Career History	Mr. Standige brings over 30 years of roadway construction engineering experience with LADOTD. His career includes serving as District Construction Engineer for one year, Area Construction Engineer for five years, and Construction Project Engineer and Assistant Construction Project Engineer for 24 years. He possesses comprehensive expertise in all facets of highway and bridge construction and has overseen the execution and rehabilitation of numerous complex DOTD projects, including superstructures, highways, bridges, and overpasses. Mr. Standige is highly knowledgeable in the constraints and requirements imposed by federal and state statutes and regulations, and has played a key role in developing plans and specifications that align with federal, state, and local construction standards. During his tenure as Construction Engineer and Area Engineer, he managed multimillion-dollar roadway and bridge construction projects within his assigned area, including oversight of project engineers' offices. He collaborated closely with design engineers to ensure quality assurance and constructability and was responsible for approving payment estimates and plan changes in Site Manager, as well as reviewing and approving contractors' Critical Path Method (CPM) schedules. Mr. Standige is certified as a Work Zone Traffic Control Supervisor and Flagger.

16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**Charles Adams, PE, PTOE**			Years of experience with this firm/employer	16
Title	Senior Project Engineer			Years of experience with other firm(s)/employer(s)	14
Degree(s) / Years / Specialization			BS / 1992 / Civil Engineering		
Active registration number / state / expiration date			PE No. 27440 / LA / 9-30-27; PTOE No. 878		
Year registered	1997	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Control Plans / TMP / Signal Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/23 – Present	**Wemple Road & Innovation Drive Study, Bossier, LA**: NSI performing a traffic evaluation to determine whether a new N/S road would be justified between Wemple Road and Innovation Drive. Mr. Adams is performing the study and analyzing the impact on the surrounding intersections. Project Manager.
10/22 – Present	**East-West Connector (Winfield Road Congestion Relief)**: NSI Performing a Traffic Study and Line and Grade for a new east-west corridor through Bossier Parish. Charles is overseeing the Traffic Study portion of the project and all intersection analyses for the four major intersections. Project Engineer.
08/20 – Present	**I-10 & I-12 College Dr. Flyover Ramp, Baton Rouge, LA**: NSI is performing IMR, TMP, preliminary design, final design, review of TTC plans, and signal design. Charles is reviewing all TTC plans and developing preliminary signal plans.
02/18 – Present	**Kansas Lane-Garrett Road Connector, Monroe, LA**: NSI performing TMP for project as well as developing temporary signal design plans, developing permanent signal design plans, and developing fiber plans to relocate impacted fiber. Charles is preparing the TMP and all signal design plans. Project Manager
12/17 – Present	**South City Parkway Extension, Lafayette, LA**: This project will construct a new 1.7 – mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. The roadway and drainage design are being completed in conformance with LADOTD guidelines. Includes 5 multilane roundabouts. Charles is providing the Traffic Control Plans.
07/16 – Present	**I-49 at Verot School Rd, Lafayette, LA**: NSI is preparing design plans and reviewing the TTC plans and the TMP. Mr. Adams is reviewing the TTC plans and developing the TMP for the project.
08/12 – 03/19	**LA 1026 (Juban Rd) Widening, Livingston Parish, LA**: Highway widening project with roundabouts. Prepared TCP
12/17 – Present	**Southcity Parkway Extension, Lafayette, LA**: This project will construct a new 1.7 – mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. The roadway and drainage design is being completed in conformance with LADOTD guidelines. Includes 5 multilane roundabouts. Charles is providing the Traffic Control Plans.
08/08 – 08/12	**LA 33 Roundabout Study, Ruston, LA**: NSI provided a completed Traffic Study related to the proposed roundabouts at LA 33 and I-20 WB off-ramp and I-20 at the I-20 EB off-ramp in Ruston, LA. Sr. Project Manager
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (line and grade).
11/21 – 12/21	**Swan Lake Road Speed Study, Bossier City, LA**: NSI performed speed studies along Swan Lake Road from US 80 to Modica Lott Road. Mr. Adams oversaw the analysis and prepared the report of findings. Project Manager.
10/21 – 05/22	**Hurricane Ida Emergency Lighting and Signage Project, New Orleans, LA**: NSI performed day inspections of all signs and day and night inspections of all streetlights within Zone 3. Charles coordinated and oversaw all operations of the project as well as participated in inspections along the interstate system.

08/21 – 12/21	**LA 840-6 at Oliver Road, Monroe, LA**: NSI performed a traffic study for the intersection to determine whether left turn lane phasing would be appropriate for the Oliver Road approaches. Charles oversaw the analyses for the project. Project Manager.
10/21 – 12/21	**Wemple Road at Old Brownlee Road Intersection Safety Study, Bossier City, LA**: NSI performed a Safety Study to evaluate the existing conditions of the intersection and to determine whether modifications would be beneficial. Mr. Adams performed all analyses for the study and oversaw the data collection for the project. Project Manager.
05/21 – 08/21	**Tulane Avenue Chick-fil-A, New Orleans, LA**: NSI performed a Traffic Assessment and circulation assessment for a new Chick-fil-A restaurant in the City of New Orleans. Charles performed analyses, observations and oversaw the circulation assessment. Project Manager.
04/21 – 08/21	**Signal Design for Airline Drive and Barclay Blvd, Bossier, LA**: NSI developed traffic signal plans for the new intersection of Airline Drive and Barclay Blvd. Charles was the designer and developed signal phasing and timings for the project. Project Manager.
02/21 – 05/21	**LA Tech Student Housing Study, Ruston, LA**: NSI performed a traffic study for new student housing complex that would serve LA Tech University. Charles performed all intersection analyses for the project. Project Manager
09/20 – 06/21	**Venture Global LNG Traffic Study, Plaquemines, LA**: NSI performed numerous traffic assessments for a new LNG facility along LA 23 in south Plaquemines Parish. Mr. Adams performed intersection analyses, prepared TTC plans, and reviewed construction sequencing to reduce the impact on the traveling public.
09/20 – Present	**W Esplanade Ave at Carrollton Street, Metairie, LA**: NSI is preparing preliminary and final signal design plans for the intersection of W Esplanade Ave and Carrollton Street. Mr. Adams is preparing the signal plans. Project Manager.
08/20 – 10/20	**St Vincent Avenue at 84th Street, Shreveport, LA**: NSI prepared preliminary and final traffic signal plans for the intersection. Mr. Adams prepared preliminary and final signal plans. Project Manager.
11/19 – 07/20	**Golden Pass LNG Safety Study, Port Arthur, TX**: NSI performed traffic safety assessments along FM 87 for the entrances to the LNG facility as well as developing signing plans and lighting plans for each entrance. Project Manager.
03/19 – 07/19	**Remco Drive Extension, Haughton, LA**: NSI performed a traffic study to determine feasibility for extending Remco Drive from US 80 to Bodcau Station Road. Mr. Adams performed observations and analyses. Project Manager.
01/19 – 03/20	**LA 3 at Walter O Bigby Carriageway, Bossier City, LA**: NSI performed Signal and Sign Design. Charles developed signal timings and signal phasing as well as prepared the traffic signal plans for the intersections of LA 3 at Walter O Bigby Carriageway and US 80 at Hamilton Road. Project Manager.
06/18 – 08/18	**Linton Road Extension, Bossier Parish, LA**: NSI performed traffic study to determine feasibility of extending Linton Road to Fairburn Road. Mr. Adams performed analyses. Project Manager.
06/17 – 03/18	**Port Access Improvements, New Orleans, LA**: NSI performed extensive analyses and developed alternative accesses from I-10 to the Port of New Orleans. Charles performed observations and analyses.
01/17 – 07/17	**TCP for Transmission Line Installations, Terrebonne & Assumption Parishes, LA**: NSI prepared TTC plans for numerous installation sites throughout both parishes. Charles developed and prepared all TTC plans. Project Manager.
12/19 – Present	**US 80 Feasibility Study, Stage 0/Traffic & Safety Study, Haughton, LA**: Stage 0 Report in support of safety improvements along US 80 corridor, specifically in the vicinity of Bellevue Road and Mid-South Loop Road. All analysis performed in HCS for this study. The traffic study was performed in accordance with DOTD's TEPR. Project includes signalized intersections. Charles performed traffic engineering and public outreach.
Career History	Over the past 30 years, Charles has consistently managed and designed projects for the City of Bossier City as well as for the Bossier Parish Police Jury. During 2008 – 2015 he served as NSI's Shreveport Office manager and continues to maintain the relationships gained from that experience. He has established relationships in the local community and knowledge of the project area. His experience in the area includes Traffic Data Collection, Traffic Signal Timing, Traffic Signal design, Traffic Operations, Traffic Safety, ITS and Transportation Engineering. He manages a wide range of local and regional projects that vary in complexity from developing traffic control plans for major construction projects and traffic signal timing plans to performing roundabout feasibility studies and other traffic related studies for both public and private clients. Prior to joining NSI, Charles was employed by LADOTD as a District Traffic Engineer in the Bossier District and then as the State Traffic Engineer. Mr. Adams is a certified Professional Traffic Operations Engineer and has completed DOTD's Traffic Engineering Process and Report (TEPR) training.

16. STAFF EXPERIENCE

Firm employed by Modjeski and Masters, Inc.

Name	**Jonathan E. Gerhart, PE**	Years of experience with this firm/employer	15
Title	Project Manager – Electrical Design	Years of experience with other firm(s)/employer(s)	12

Degree(s) / Years / Specialization	BS / 1998 / Electrical Engineering
Active registration number / state / expiration date	43052 / LA/ 03-31-27
Year registered 2018 Discipline	Electrical
Contract role(s) / brief description of responsibilities	Electrical Project Manager, **MPR 6**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/17 - Ongoing	**H.003184: I-10: Texas State Line – E. of Coone Gully Lighting, Calcasieu Parish, LA | LADOTD:** M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
12/19 – 07-25	**H.011137.5 Lighting Engineering Design Services for I-12: LA 1077 to US 190. Covington, LA | LADOTD:** As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M is currently providing construction related engineering services for this project. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
07/18 - 06/21	**H.012739: I-20 @ Vicksburg - Electrical, Vicksburg, MS | LADOTD:** M&M provided electrical engineering services to develop final plans and specifications for rehabilitation of the existing electrical systems, including photometric report and replacement of roadway lighting with an LED design, replacement of navigation lighting and aerial beacons, and rehabilitation and relocation of low-voltage electrical components including monitoring equipment including monitoring equipment, MDOT equipment, river current monitoring equipment. M&M also provided construction related engineering services, including field inspections and shop drawing, as-built drawing and submittal review.Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.
09/16 – 06/19	**H.012503: I-12 @ LA 447 (Walker) Interchange Lighting, Walker, LA | LADOTD:** The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M performed photometric analysis, and provided plans & construction estimates and construction related engineering services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.

09/15 – 07/16	**H.003003: I-10: E. Jct. I-49 to LA 328 Lighting, Lafayette and St. Martin Parishes LA | LADOTD:** The project involved the design of roadway lighting on Interstate 10 from I-49 to LA328 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related engineer services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
10/15 – 09/20	**H.003014: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting, St. Martin Parish LA | LADOTD:** The project involved the design of roadway lighting for Interstate 10 from LA347 to Atchafalaya Floodway Bridge in Lafayette, LA. The design included providing low-mast lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related engineering services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
12/13 - 05/17	**H.010863: I-10 @ Ambassador Caffery Parkway Interchange Lighting, Lafayette, LA | LADOTD:** The project involved the design of roadway lighting for the Ambassador Caffery Parkway (LA 3184) Interchange along Route I-10 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections, including final punch-list inspection. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.
06/12 - 10/17	**H.009201: I-20 @ Garrett Road Interchange Lighting, Monroe, LA | LADOTD:** The project involved the design of roadway lighting for the Garrett Road Interchange along Route I-20 in Monroe, LA. The design included the use of low-mast poles and underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Gerhart served as Lead Electrical Design Engineer and Field Inspector for this project.
11/10 - 05/15	**H.002691: LA8/US 171 Roundabout. Vernon Parish, LA | LADOTD:** The project involved the design of roadway lighting for a two-lane, four-legged modern roundabout that was reconstructed from a signalized T-intersection of US-171 with LA 8/28. The design incorporated the use of decorative light fixtures and poles and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections, including final punch-list inspection. Mr. Gerhart served as Lead Electrical Design Engineer and Inspector for this project.
Career History	Mr. Gerhart is a Project Manager in Modjeski and Masters' Electrical Engineering Section and has over 25 years of experience in the design of electrical distribution systems, control systems and safety systems, including roadway lighting systems. Having over 10 years of experience on LADOTD Roadway Lighting Projects, Mr. Gerhart is experienced with photometric analysis and roadway lighting design (both HPS and LED), including inspections, construction support, and troubleshooting. He has vast expertise in all matters related to lighting systems having served as Lead Design Engineer for numerous LADOTD roadway lighting projects and has developed evaluations, recommendations, cost estimations, value engineering and consultations with LADOTD electrical staff. Mr. Gerhart will serve as a Electrical Project Manager for this project and fulfills MPR 6.

16. STAFF EXPERIENCE

Firm employed by Modjeski and Masters, Inc.					
Name	**Erin N. Rodgers, PE**			Years of experience with this firm/employer	8
Title	Engineer			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			BS / 2017 / Mechanical and Electrical Concentration		
Active registration number / state / expiration date			50137 / LA / 09-30-27		
Year registered	2022	Discipline	Electrical		
Contract role(s) / brief description of responsibilities			Electrical Engineer		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/22 - Ongoing	**H.014646.5 I-20: US 165 to East of Garrett Road Lighting. Monroe, LA | LADOTD:** M&M provided plans, technical specifications, special provisions and illumination analysis for the rehabilitation of the existing lighting system along I-20 from US 165 to E. of Garrett Road. M&M coordinated with the City of Monroe and interfaced with the Project Team for S.P. H.007300 on the selection of LED luminaires to provide consistent lighting throughout the project limits. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs.
12/20 – Ongoing & 01/18 – 01/19	**H.012889.5: I-20 Rehabilitation (Pines Road to I-220), Shreveport, LA | LADOTD:** As part of an overall interstate improvement project, M&M was selected to develop roadway lighting plans to accommodate future interstate median lighting and to relocate any existing light poles in conflict with reconfigured on and off ramps. Ms. Rodgers is worked under the direction of a senior engineer to design a preliminary roadway lighting system for the I-20 widening project. She also participated in a site inspection to identify all existing electrical components in service. She performed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs. She used the final approved photometric analysis report to generate final plans and specifications.
12/19 – Ongoing	**H.011137.5 Lighting Engineering Design Services for I-12: LA 1077 to US 190, Covington, LA | LADOTD:** As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M is currently providing construction related engineering services for this project. Ms. Rodgers performed photometric analysis and assisted in final electrical plan development. She also participated in field inspections and reporting for the construction of this project.
10/17 – 12/21	**H.003003.6: I-10: I-49 to LA 328 Lighting Construction Related Engineering Services, Lafayette, LA | LADOTD:** M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-10 at I-49 to LA 328 Interchange Lighting. M&M will be working closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-10 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.

10/17 – 09/20	**H.003014.6: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting Construction Related Engineering Services. New Orleans, LA | LADOTD:** M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-10 @ LA 347 Interchange which consists of two roundabouts. M&M worked closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-12 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.
01/18 – 05/19	**H.003184.5-2: I-10: Texas State Line to East of Coone Gully Lighting Design Related Engineering Services. Calcasieu Parish, LA | LADOTD:** Ms. Rodgers worked under the direction of a senior engineer to design a roadway lighting system for I-10 widening project near Coone Gully, Louisiana. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs. Ms. Rodgers also worked to develop complete lighting plans for the project including plan layouts, pole schematics, and equipment detailing. She also participated in field inspections and reporting for the construction of this project.
07/18 – 07/19	**H.011235.5: I-49 South at Verot School Road – Lafayette, LA | LADOTD:** Ms. Rodgers worked under the direction of a senior engineer to design a preliminary roadway lighting system for the new interchange to be built at the intersection of I-49 and Verot School Rd near Lafayette, Louisiana. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs.
10/17 – 04/19	**H.012503: I-12 LA 447 (Walker) Lighting Interchange. Walker, LA | LADOTD:** M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-12 at LA 447 Interchange which includes two roundabouts. M&M worked closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-12 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project**.**
Career History	Ms. Rodgers joined Modjeski and Masters, Inc. as an engineer in training in 2017 following her graduation from Elizabethtown College with a Bachelor of Science in Engineering. Ms. Rodgers serves as an Electrical Engineer E3 for the Electrical section and has been involved in design and inspection of several movable bridges and lighting systems during her time with the firm. She also has experience with roadway lighting design, tunnel lighting design and utility coordination projects. Ms. Rodgers is NEC/NFPA certified

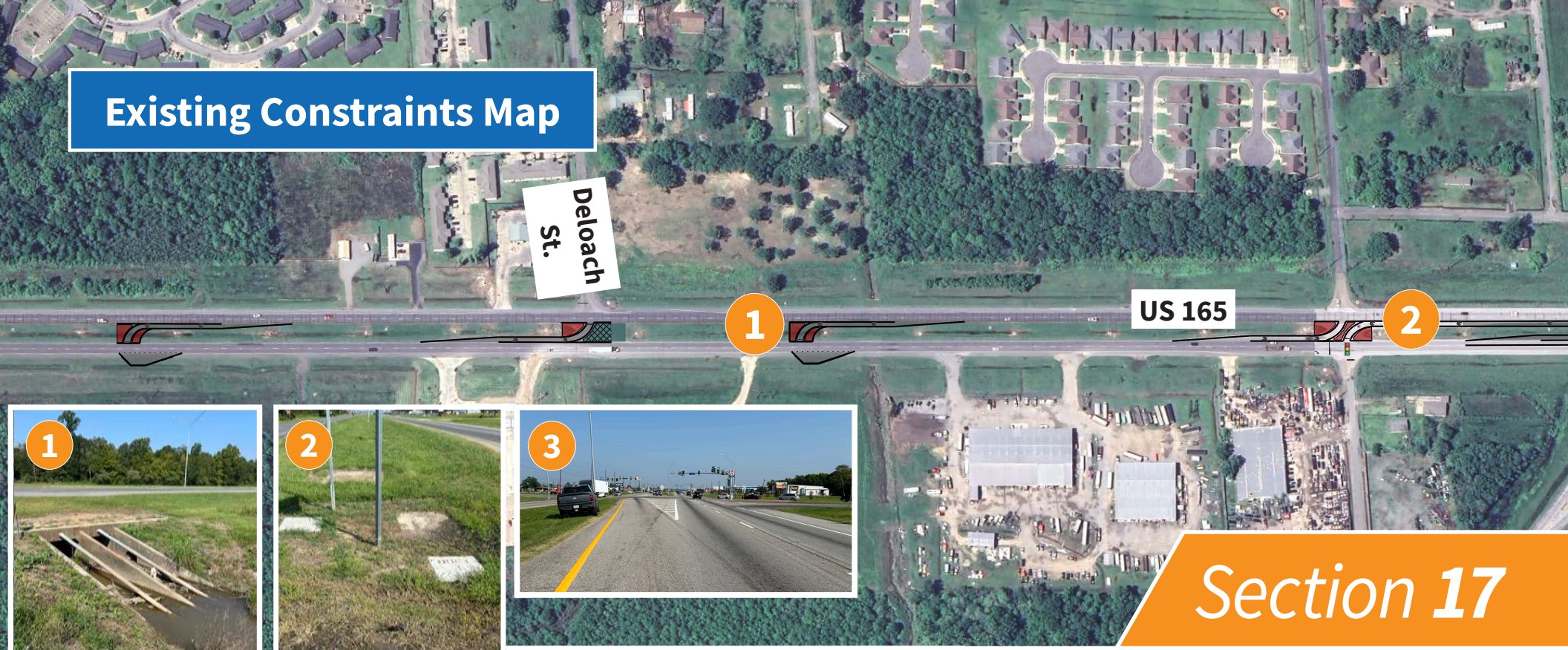
16. STAFF EXPERIENCE

Firm employed by Vectura Consulting Services, LLC					
Name	**Sheelagh Brin Ferlito, PE, PTOE**			Years of experience with this firm/employer	10
Title	Principal			Years of experience with other firm(s)/employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1988 / Civil Engineer		
Active registration number / state / expiration date			PE. 0025383 / LA / 09-30-25		
Year registered	1993	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Control Design / Temporary Traffic Signal Analysis and Design QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/21 - current	**H.007160 - EBR Computerized Traffic Signal, Phase VB, Baton Rouge, LA:** Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – current	**MOVEBR New Capacity Projects Program Management, Baton Rouge, LA:** Brin is the lead traffic engineer for entire the New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP, Belle Chasse, LA:** Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.
04/18 - 06/21	**H.011909.5-4 Roundabout: US 171 at Boone St., Vernon Parish, LA:** Brin reviewed 60 Percent Preliminary Signing and Striping Plans and developed documented comments based on LADOTD Road Design Manual, LADOTD Standard Details and MUTCD. She is also the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. She coordinated access management issues using aerials, aged traffic volumes and Synchro Software.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA:** Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA:** Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.

02/17 - 10/17	**Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA:** Brin developed the safety analyses for a Stage 0 Study for 4 intersections in the Mandeville area. The study was based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Brin assisted collecting 7-day, 24-hour counts w/ Classification, turning movement counts for peak periods and speed data for mainlines. She developed signal timing in the PTV Vistro software. The signal timings were then used in Sidra to complete the HCM analyses. Brin provided a quality control review of the traffic report.
04/14 - 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project, Baton Rouge, LA:** As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12 - 03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction, Baton Rouge, LA:** Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction, Baton Rouge, LA:** Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design, Baton Rouge, LA:** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332, Baton Rouge, LA:** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	**EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172, Baton Rouge, LA)** Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

Existing Constraints Map



Section 17

1. Proposed Bulb out conflicts with existing ditch. We will propose drainage culverts or regrading.
2. Possible conflicts with U-turn and lighting duct when U-turns are designed for WB-67 movement. We wiill work these out during design.
3. No apparent conflicts but proposed improvements will result in excess pavement that is unused by motorist. We will propose removal of excess pavement and replacement with grass to prevent undesirable movements from motorist.

17. FIRM EXPERIENCE

Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Traffic
Project name	**US 165 Signal Timing Study**	Firm responsibility (prime or sub?)	Prime
Project number	701-65-1275	Owner's name	LADOTD
Project location	Ouachita Parish, LA	Owner's Project Manager	Jody Colvin, PE
Owner's address, phone, email	1202 Capitol Access Road, Baton Rouge, LA 70802; 225-935-0201; jody.colvin@la.gov		
Services commenced by this firm (mm/yy)	02/09	Total consultant contract cost ($1,000's)	$110
Services completed by this firm (mm/yy)	03/10	Cost of consultant services provided by this firm ($1,000's)	$110

Neel- Schaffer, Inc. was contracted with DOTD to analyze the intersection improvements proposed as part of the US 165; Superstreet project. The project limits included a larger segment of US 165 than what is included in this advertisement. The limits for the signal timing extended from Winnsboro Road to CenturyLink Drive. As part of this project, NSI completed the following tasks:

1. Obtained the ADT data
2. Completed field observations
3. Completed a Travel Run summary
4. Obtained TSI's
5. Obtained Crash Data
6. Completed Signal warrant analysis
7. Completed signal timing for the originally proposed alternatives
8. Completed Synchro Analysis (see Synchro images to the left)

Firm Members: Nick Ferlito, Brin Ferlito, Kirk Gallien

Project Relevance:

- ✓ Same project as this advertisement
- ✓ Completed to DOTD Standards
- ✓ Completed for DOTD review

17. FIRM EXPERIENCE

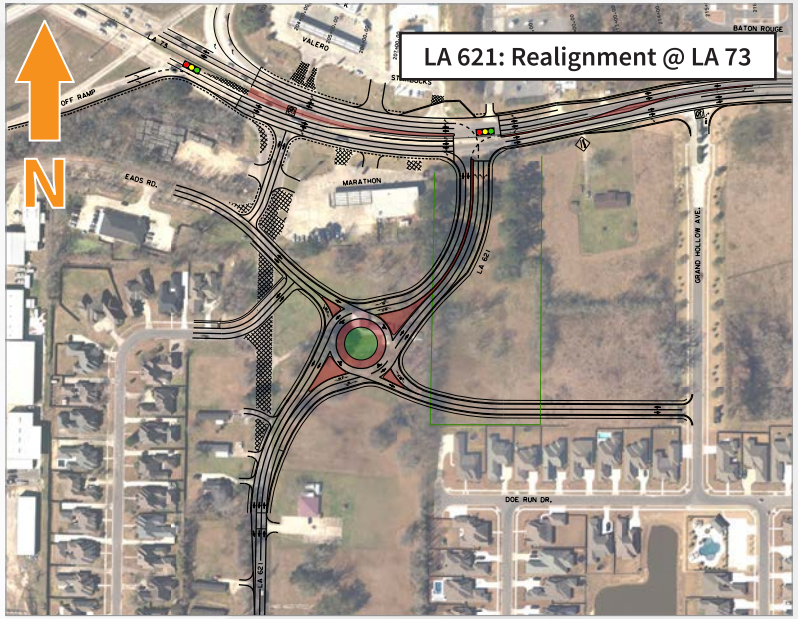
Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Traffic and Road
Project name	**IDIQ for Road Design Projects**	Firm responsibility (prime or sub?)	Prime
Project number	H.0144366, H.015226	Owner's name	LADOTD
Project location	Calcasieu and Ascension Parishes	Owner's Project Manager	Cathy Masin, Mohammad Nur
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; 225-379-1652; Catherine.Mastin@la.gov; Mohammad.Nur@la.gov		
Services commenced by this firm (mm/yy)	03/23	Total consultant contract cost ($1,000's)	$5,000
Services completed by this firm (mm/yy)	03/28	Cost of consultant services provided by this firm ($1,000's)	$1,215

Neel-Schaffer, Inc. (NSI) was selected for the IDIQ contract with DOTD to conduct Roadway Design Services. These Roadway Design Services include roadway plan development and traffic engineering design services. NSI will provide all services required to complete the construction plan set. These services include **traffic design, traffic control design, traffic signal analysis and design, hydraulic analysis and design, transportation management plans**. In addition to plan development, **cost estimates**, special provisions write ups, quality plan reviews, and construction support are provided. NSI is willing to assist in public, stakeholder meetings and provide documents needed for the environmental process.

The task orders under this contract are as follows:

1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226); This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design.

2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366); This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multi-lane roundabout and **J-turn intersection with U-turns** to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621.



This is the conceptual layout completed by NSI prior to preliminary plans to provide LADOTD with the potential impacts and proposed geometry before producing 30% preliminary design plans.

3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5; Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue.

4.) H.016158: LA 182: US 90 - Greenwood St. Overpass; 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, LA. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps at existing driveways and turnouts, guardrail and embankment at overpass.

5.) H.015640 LA 150 & LA 818: ROUNDABOUT; Project will convert existing intersection to single lane roundabout intersection.

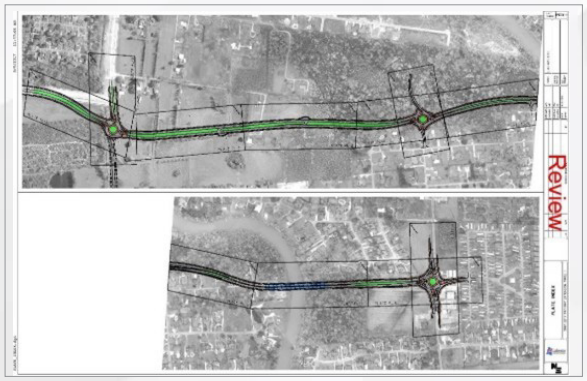
Firm Members: Dishili Young, Chance Shuckrow, Nick Ferlito, Ellen Howard, Jonathan Duhe, Josh Schexnider, Gary LeBlanc, Phil Graves

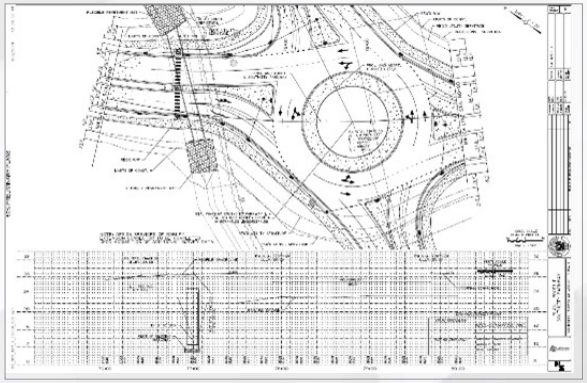
Project Relevance:

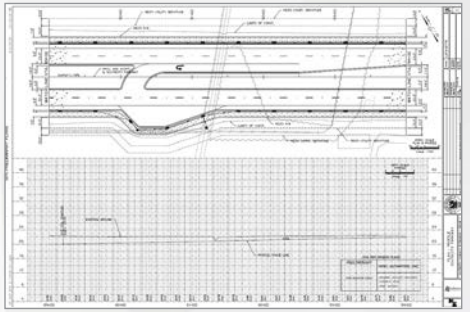
- ✓ Preliminary and Final Plans
- ✓ J-Turn intersection with U-turns
- ✓ Plan Quality Assurance
- ✓ Includes Safety Improvements
- ✓ Safety improvements
- ✓ Traffic Analysis and Safety Analysis

17. FIRM EXPERIENCE

Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Traffic and Road
Project name	**Southcity Parkway, Road design, Traffic Study, Line and Grade and Environmental Assessment**	Firm responsibility (prime or sub?)	Prime
Project number	H.500-15-082/PO 156297	Owner's name	Lafayette Consolidated Government
Project location	Lafayette, LA	Owner's Project Manager	Mitchell P. Wyble, PE
Owner's address, phone, email	P.O. Box 4017 - C, Lafayette, LA 70502; 337.291.8542 mhollier@lafayetteLA.gov		
Services commenced by this firm (mm/yy)	11/15	Total consultant contract cost ($1,000's)	$750
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$750





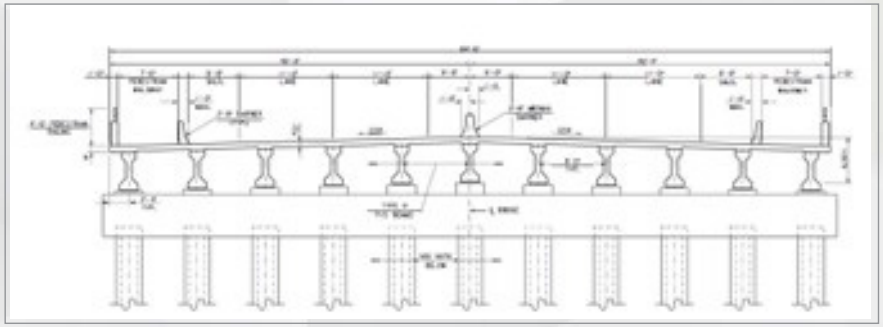


Southcity Parkway will provide a new 1.8-mile, four-lane median-divided roadway connecting US 167 (Johnston Street) with Kaliste Saloom Road, including **U-Turns, J-turns,** and a new fixed span bridge crossing of the Vermilion River. NSI is providing design services, which include roadway, bridge, and drainage design. The roadway design is in conformance with LADOTD guidelines, utilizing MicroStation and InRoads.

NSI completed the Environmental Assessment (EA), technical studies, line and grade, roadway and bridge design, established US Coast Guard navigation clearances, completed a hydrologic and hydraulic (H&H) analysis for the proposed Vermilion River bridge crossing, obtained the no-rise certification, and conducted H&H analyses for each drainage crossing and the overall roadway drainage system. The road design was completed using InRoads and MicroStation. The Vermilion River bridge crossing was analyzed using a one-dimensional unsteady flow model developed in HEC-RAS software. Roadway drainage for the 2-mile corridor was analyzed using LADOTD software. Peak flows were determined using the rational method, with considerations for future development.

The results were summarized in a technical report. In addition to design services, NSI is also providing environmental planning (Environmental Assessment, USCG permit, navigation studies), completed public involvement, developed traffic forecasts, conducted traffic analysis, and will provide construction services.

Firm Members: Dishili Young, Mai Nguyen, Chance Shuckrow, Scott Andrepont, Charles Adams



Project Relevance:

- ✓ Includes U-turns and bulbouts
- ✓ Road design, traffic and lighting
- ✓ Designed to DOTD guidelines
- ✓ Similar SOW

17. FIRM EXPERIENCE

Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Traffic and Road
Project name	**City of Youngsville Roadway Projects**	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	City of Youngsville
Project location	Youngsville, LA	Owner's Project Manager	Clint Simoneaux
Owner's address, phone, email	305 Iberia St., Youngsville, LA 70592 | 337.856.4181 | ClintSimoneaux@youngsvillela.gov		
Services commenced by this firm (mm/yy)	05/22	Total consultant contract cost ($1,000's)	$900
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$790

NSI was selected as a prime consultant to complete the preliminary and final roadway plans, hydraulic analysis and design, construction cost estimates, coordination for surveying services, coordination for geotechnical services, coordination for right-of-way acquisitions, coordination for utility relocations, and construction support for three projects with the City of Youngsville. Projects are designed in conformance with DOTD guidelines.

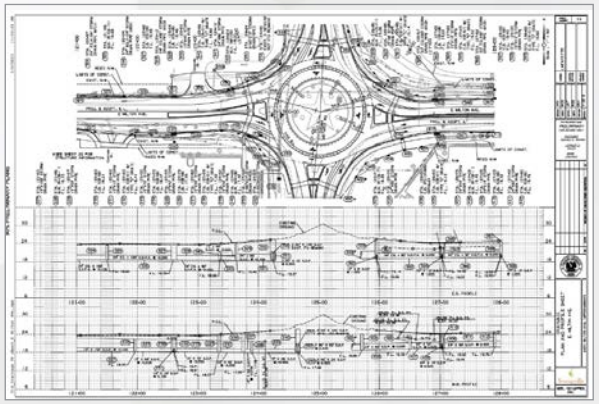
E. Milton Ave Improvements: The project will convert the existing two lane roadway to a median divided roadway with **J-turns, U-turns, Bulb-outs** and turn lanes. The intersection of E. Milton Rd. and Chemin Metairie Rd. will be constructed as a multilane roundabout. The project extends along E. Milton Ave. approximately 2,500 ft West and ends approximately 2,500 ft East of the intersection. The limits along Chemin Metairie Rd. are anticipated to extend approximately 900 ft north and south of the intersection. Drainage improvements will include the conversation of the open ditch drainage along E. Milton Ave. to subsurface drainage. LA 89 at Chemin Metairie Parkway: The project begins along Chemin Metairie approximately 1,100 ft West of the intersection and end approximately 1,075 ft East of the intersection. The limits along Guillot Road are anticipated to extend approximately 1,300 ft north and 1,550 ft south of the intersection. The project includes the expansion of the existing single lane roundabout to a multilane roundabout including widening the approach roadways, drainage improvement, sequence of construction, striping and signage plans and more.

Velascco Crossing: This project will provide a new two-lane connector roadway, with drainage, between Chemin Metairie

Firm Members: Dishili Young, Mai Nguyen, Chance Shuckrow, Scott Andrepont, Gary LeBlanc, Joshua Schexnider, Stephen Perault, Phil Graves, Jacob Thiaville.

Project Relevance:

- ✓ DOTD project
- ✓ Similar SOW
- ✓ Design to DOTD guidelines
- ✓ DOTD review and approval



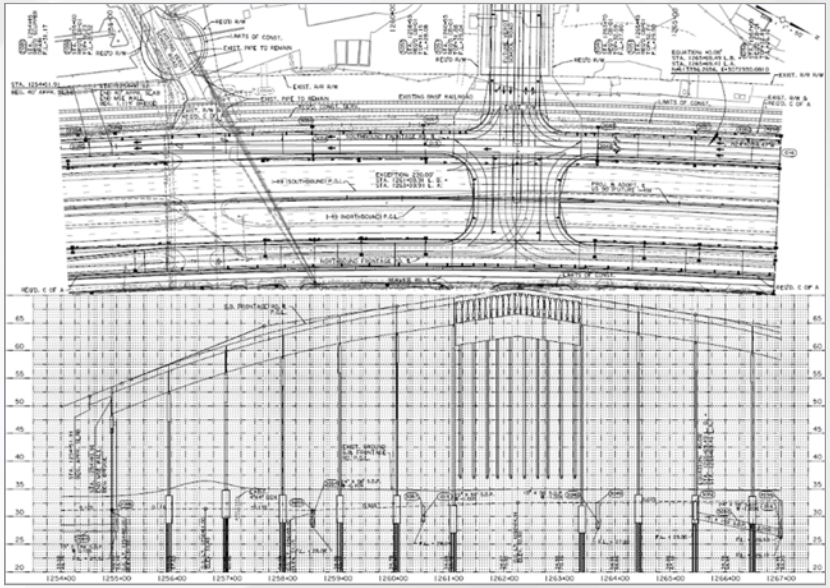
17. FIRM EXPERIENCE

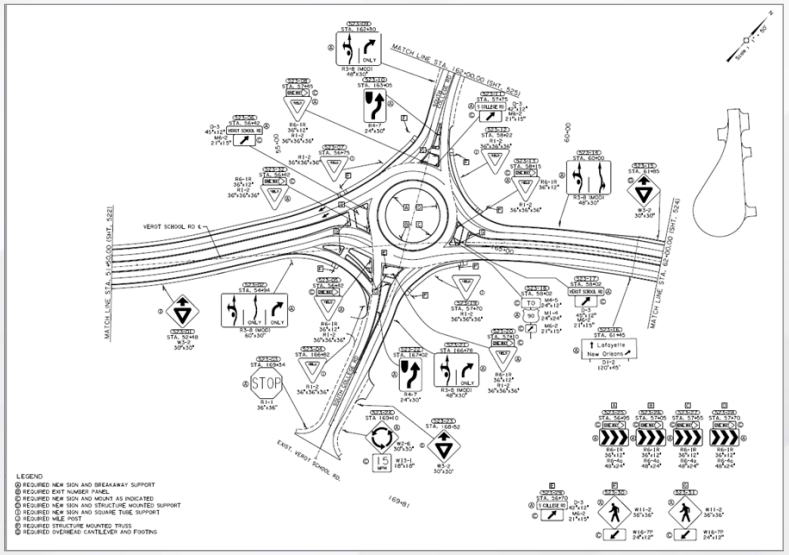
Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Road and Bridge
Project name	**I-49 South at Verot School Road**	Firm responsibility (prime or sub?)	Sub
Project number	H.011235.5	Owner's name	LADOTD
Project location	Lafayette Parish, LA	Owner's Project Manager	Corey Landry, PE
Owner's address, phone, email	1202 Capitol Access Road, Baton Rouge, LA 70802 | 225.379.1889 | corey.landry@la.gov		
Services commenced by this firm (mm/yy)	07/16	Total consultant contract cost ($1,000's)	$724
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$724

This project will provide 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road, in Lafayette, LA. The proposed project also includes one-way frontage roadways on both sides of the mainline urban freeway, a two-way service road, new bridge interchange, MSE walls, and a new alignment for Verot School Road which includes a multilane roundabout at the relocated intersection of South College and Verot School Road. This project will include close coordination with BNSF RR due to crossings and drainage impacts associated with the mainline corridor.

NSI is providing **roadway design services for the proposed interstate, frontage roadways, and associated drainage**. NSI is also providing **traffic design** services, signage design and **TMP 2** for the entire project. This project is currently in the 95% Final Design phase.

Firm Members: Nick Ferlito, Dishili Young, Charles Adams, Jacob Thiaville, Ryan Lam, Steve Perault





Project Relevance:

- Level 2 TMP
- Traffic services
- Multilane roundabout
- Designed using DOTD guidelines & software
- Work along existing roads
- Sequence of construction for roads open to traffic
- Temporary traffic signal design
- Utility avoidance

17. FIRM EXPERIENCE

Firm Name	**Modjeski and Masters, Inc.**	Past Performance Evaluation Category(ies)*	Other (Roadway Lighting)
Project name	**I-20 at Garrett Road Interchange Lighting Design/CRES**	Firm responsibility (prime or sub?)	Prime
Project number	H.009201 & H.014646	Owner's name	LADOTD
Project location	Monroe, LA	Owner's Project Manager	Michael Armentor, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 379-1088; Michael.Armentor@la.gov		
Services commenced by this firm (mm/yy)	06/12	Total consultant contract cost ($1,000's)	$280
Services completed by this firm (mm/yy)	08/17	Cost of consultant services provided by this firm ($1,000's)	$280

The project involved the design of roadway lighting for the Garrett Road Interchange along Route I-20 in Monroe, LA. The design included the use of low-mast poles and underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. As a separate project (S.P. H.014646), M&M provided plans, technical specifications, special provisions and illumination analysis for the rehabilitation of the existing lighting system along I-20 from US 165 to E. of Garrett Road. M&M coordinated with the City of Monroe and interfaced with the Project Team for S.P. H.007300 on the selection of LED luminaires to provide consistent lighting throughout the project limits.

PROJECT FEATURES:

- Development of a photometric analysis of the interchange and associated flyover ramps conforming to the LADOTD Illumination Standards.
- Design and development of electrical lighting plans and specifications conforming to the LADOTD Illumination Standards and the National Electric Code.

Firm Members: Lance V. Borden, PE, Cullen J. Ledet, PE, **Jonathan E. Gerhart, PE, Erin Rodgers, PE**

17. FIRM EXPERIENCE

Firm Name	**Modjeski and Masters, Inc.**	Past Performance Evaluation Category(ies)*	Other (Roadway Lighting)
Project name	**I-12 @ LA 447 (Walker) Interchange Lighting/CRES**	Firm responsibility (prime or sub?)	Prime
Project number	H.012503.5	Owner's name	LADOTD
Project location	Livingston Parish	Owner's Project Manager	Christopher LeBourgeois, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 379-1088; Christopher.lebourgeois @la.gov		
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost ($1,000's)	$316
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm ($1,000's)	$316

The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and construction related services including shop drawing review and field inspections.

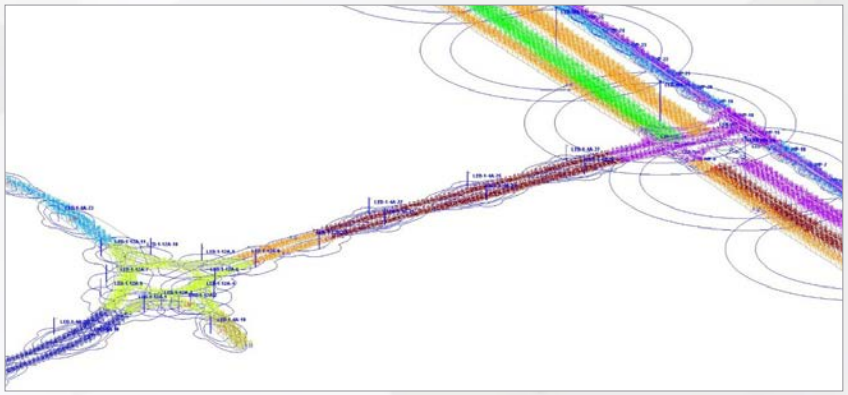
PROJECT FEATURES:

- Development of a photometric analysis of the interchange and two roundabouts conforming to the LADOTD Illumination Standards.
- Design and development of electrical lighting plans and specifications conforming to the LADOTD Illumination Standards and the National Electric Code.
- Construction Related Engineering Support Services

Firm Members: Zolan Prucz, PhD, PE, Principal-in-Charge, Joseph Strenkoski, PE, Project Manager, **Jonathan Gerhart, PE,** Cullen Ledet, PE, **Erin Rodgers, PE**

17. FIRM EXPERIENCE

Firm Name	**Modjeski and Masters, Inc.**	Past Performance Evaluation Category(ies)*	Other (Roadway Lighting)
Project name	**I-49 South @ Verot School Road Interchange Lighting**	Firm responsibility (prime or sub?)	Prime
Project number	H.011235.5	Owner's name	LADOTD
Project location	Lafayette Parish	Owner's Project Manager	Corey Landry, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 379-1889, Corey.Landry@la.gov		
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost ($1,000's)	$82
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$82



The proposed project limits begin at the intersection of US 90 and South Park Road to 1,300 feet south of the intersection of US 90 and Kaliste Saloom Road. The project consists of an above grade frontage road bridge structure that traverses over I-49 South/US 90 mainline roadway and its paralleled railroad. It also includes one-way frontage roads on both sides of the mainline roadway, a two-way collector service road east of the mainline roadway, and a new alignment of Verot School Road from the interchange to the a bridge structure approximately 600 feet west of its intersection with LA 182.

M&M was responsible for all engineering services required for the completion of preliminary lighting plans and lighting construction estimates for the project area. The scope of work includes a photometric analysis on the proposed widened and realigned geometry to determine an appropriate roadway lighting system that achieves compliance to DOTD and all other applicable illumination and electrical standards. M&M also conducted a lighting design feasibility study within the project limits. In addition to a report that documents the findings and provides recommendations, the study included a photometric analysis, selected preliminary plans, and an estimate construction cost estimate. Preliminary Plans were developed in conformance with the DOTD Software and Deliverable Standards for Electronic Plans and DOTD Electrical Design Plan Standards. The cost estimate was broken down by individual pay items as defined in the 2016 Edition of the Louisiana Standard Specifications for Roads and Bridges.

Firm Members: Zolan Prucz, PhD, PE, Joseph G. Strenkoski, PE, **Jonathan E. Gerhart, PE,** Cullen J. Ledet, PE, **Erin Rodgers, PE**

17. FIRM EXPERIENCE

Firm Name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Disciplines(s)*	CE&I/OV
Project name	**EBR Computerized Traffic Signal, PH VB**	Firm responsibility (prime or sub?)	Sub
Project number	H.007160	Owner's name	LADOTD
Project location	East Baton Rouge, LA	Owner's Project Manager	Desmond Sam, PE
Owner's address, phone, email	8100 Airline Highway, Baton Rouge, LA 70815, (225) 231-4123, Desmond.Sam@la.gov		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost ($1,000's)	$604
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm ($1,000's)	$94

Vectura is a subconsultant providing traffic signal equipment inspection for 24 traffic signals under the following scope:

- Signal Equipment Inspection (2 visits per intersection), Tracking the Sampling and Testing of required Traffic Signal Materials / Attend and Review Fiber Optic Test Results
- Coordinate Review and Approval of all Shop Drawings
- Provide Traffic Signal Support Services / Troubleshoot traffic signal equipment related problems such as foundation / utility conflicts / Field visits (10 months)
- Assist in preparing Change Orders for DOTD / City Parish (2 Separate Forms)
- Attend Monthly Progress Meetings Assist with Monthly Progress Meeting Agenda & Minutes (10)
- Compile As-built Plans from Contractor
- Final Inspection Field Visit to all intersections / Assist with developing punch list / Final Field Visit verification

Firm Members: Brin Ferlito, Laurence Lambert, Reece Rodrigue

17. FIRM EXPERIENCE

Firm Name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Disciplines(s)*	Traffic
Project name	**LA 30 Roundabouts at Tanger I-10B**	Firm responsibility (prime or sub?)	Sub
Project number	H.010960.5	Owner's name	LADOTD
Project location	Ascension Parish, LA	Owner's Project Manager	Josh Harrouch
Owner's address, phone, email	PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@la.gov		
Services commenced by this firm (mm/yy)	04/17	Total consultant contract cost ($1,000's)	Unknown
Services completed by this firm (mm/yy)	12/20	Cost of consultant services provided by this firm ($1,000's)	$153

Vectura designed temporary traffic signal plans that will be implemented during construction of the three roundabouts along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also provided Quality Control review of construction plans.

Temporary Traffic Signal Design

- Vectura performed following design tasks to develop temporary traffic signal plans
- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase
- Developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate
- Coordinated with DOTD Traffic Section and District Traffic Engineer

Quality Control Review

Vectura provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.

Firm Members: Brin Ferlito, Laurence Lambert, Reece Rodrigue

17. FIRM EXPERIENCE

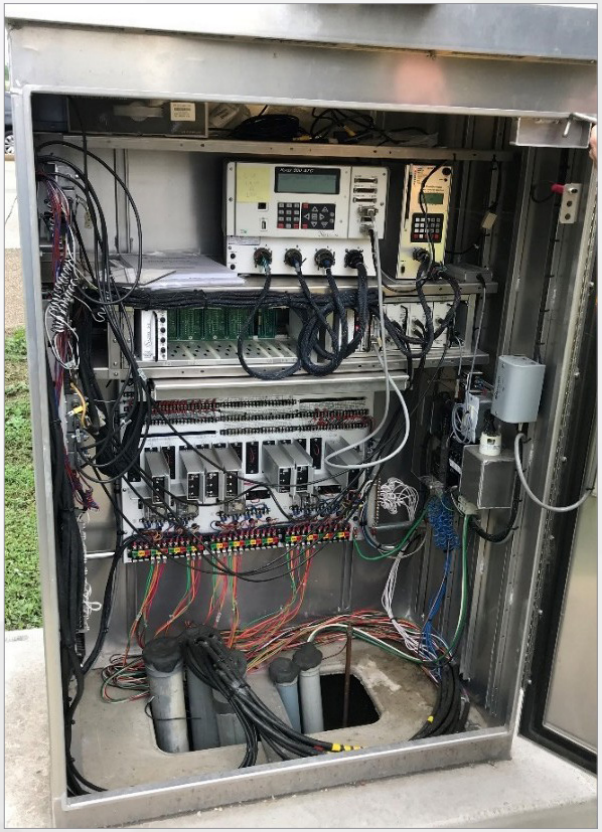
Firm Name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Disciplines(s)*	ITS
Project name	**I-110 ITS Deployment SEA**	Firm responsibility (prime or sub?)	Sub
Project number	H.013261.1-1	Owner's name	LADOTD
Project location	Baton Rouge, LA	Owner's Project Manager	Alaa Shams
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1497 alaa.shams@la.gov		
Services commenced by this firm (mm/yy)	09/18	Total consultant contract cost ($1,000's)	Unknown
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm ($1,000's)	$16

Vectura provided an Alternatives Analysis Configuration and Procurement Analysis as part of a System Engineering Analysis (SEA) for I-110 CCTV Cameras and DMS deployment to comply with Code of Federal Regulations (CFR), Title 23, 940.11.

The alternative analysis consisted of a field visit along the I-110 corridor to examine CCTV and DMS locations. As part of the field visit, drones were flown at the proposed heights of the CCTV's and DMS's to determine if any sight line issues were present. Also included in the site visit was the evaluation of connecting three pump stations and traffic signals to the proposed fiber optic line. Three possible project configurations were developed for this task along with pros and cons of the needed equipment and communication options.

Vectura also investigated the methods of procurement for the deployment project. Procurement options were documented with the identification of the pros and cons for each method.

Firm Members: Brin Ferlito, Laurence Lambert



Existing Constraints Map

Louberta St.

US 165

Section 18

1. Proposed turn lane conflicts with traffic signal and lighting. Will provide new lighting and signal design.

2. Existing culvert crossing will require extension for sidewalk. Will first consider locating sidewalk away from roadway closer to ROW limits for increased safety and will compare benefits for handrail with wall vs culvert extension where feasible.

3. Alligator cracking and potholes on the roadway. Should DOTD desire, we will propose a roadway inventory be included as part of project to determine suggested improvements to improve road to prevent these improvements being constructed along a roadway with pavement destresses present.

18. APPROACH & METHODOLOGY:

We appreciate this opportunity to present our qualifications for the US 165: Superstreet project. **We have project-specific experience because we completed the original traffic analysis for the signals proposed in the original study.** In addition, we have proven experience designing turn lanes, U-turns, J-turns and other similar project types. In the sections which follow we highlight this experience and our approach to the successful project completion.

Corridor Evaluation Already Completed by NSI

Neel-Schaffer has already evaluated the corridor for these improvements by completing the following:

1. Obtained the ADT data
2. Completed field observations
3. Completed a Travel Run summary
4. Obtained TSI's
5. Obtained Crash Data
6. Completed Signal warrant analysis
7. Completed signal timing for the originally proposed alternatives
8. Completed Synchro Analysis
9. Visited project site
10. Considered existing conditions, constraints
11. Completed a concept layout
12. Completed Auto-Turn movements for U-turns

Tasks 1 - 8 were completed as part of the US 165 Signal Timing project which evaluated the proposed project. **Figure 1** shows a portion of the Synchro Analysis completed by Neel-Schaffer for this project.

PROJECT BACKGROUND

This project will construct intersection, signal and pedestrian improvements on US 165 and US 165 Service Roads from south of Deloach Street to White Street (excluding the I-20 interchange). High friction service treatment is also proposed near the intersections.

The purpose of the project is to improve the mobility and safety along the corridor. This project originated from the combination of two studies that recommended two alternatives which provided more access restrictions at the intersections. Due to concerns raised by the public, it was determined that the concept should be refined and provide more access for side streets and the Service Road. For example, refinements were made at East Street, Century Blvd, and Renwick Street to provide more access. DOTD revised the traffic analysis, and District 05 completed the revised concept layout. DOTD completed the environmental services, and the revised concept has been presented to the public who are in support of this revised alternative.

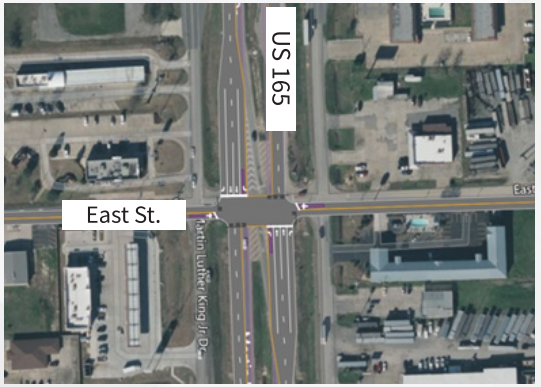


Figure 1: NSI's Synchro Analysis completed for this project

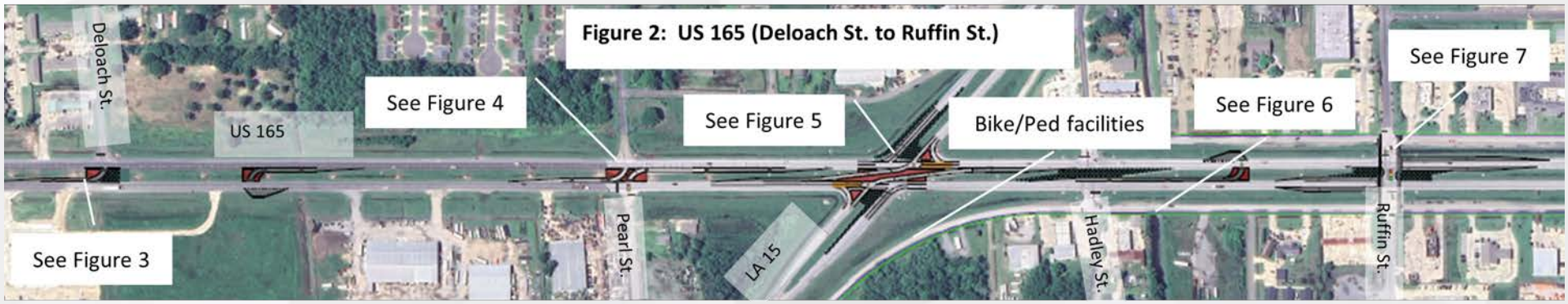
Neel-Schaffer completed the original analysis associated with the signal improvements. This provided the foundation for the current proposed improvements. As part of evaluating the existing conditions and constraints, Neel-Schaffer has also completed their own concept for the project and completed Auto-Turn analysis to determine a more precise indication of the impacts of the bulb-outs and other features.

Existing Conditions: US 165 is classified as an urban principal arterial roadway with an ADT of 30,435 South of I-20 and 42,785 North of I-20. The posted speed limit is 50MPH which based on the speed study completed by Neel-Schaffer is appropriate. There are five signalized intersections and the remainder are stop controlled. The roadway lighting was recently constructed along this corridor.

NSI'S PAST PROJECT EXPERIENCE ALONG US 165

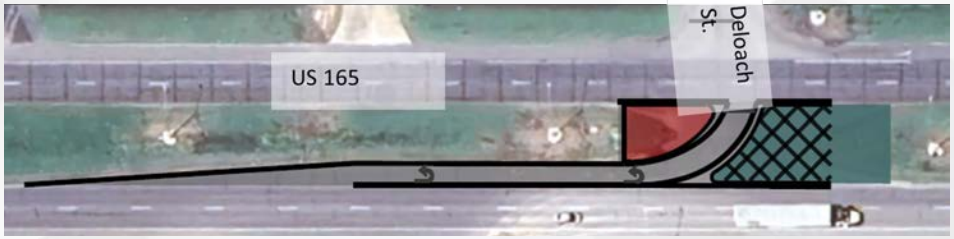
1. US 165 Signal Improvements for this project
2. US 165 @ Forsythe Bypass/Kansas Lane
3. US 165 @ Fink's Hide-A-Way Road

US 165 @ Deloach St.: This intersection will be converted from its existing full access intersection into one that will only allow for a right out from Deloach St. Northbound (NB) traffic on US 165 will be able to make a left and U-turns. A U-turn is provided for Southbound (SB) traffic about 1,000 feet south of the intersection. The Neel-Schaffer concept recommends a truck apron at the NB U-turn to allow movement for the U-turn movement for large trucks and prevent wrong way entry from Eastbound (EB) traffic on Deloach St. (**See Figure 3**). Our AutoTURN movements show that the existing lighting duct box may possibly conflict with the truck apron. We will address this during design by adjusting the



geometry slightly (if possible) or adjusting the duct box. There are communication lines, drainage inlets, and lighting near Deloach St. which will need to be avoided. Near the SB U-turn there is a median ditch. We will provide a culvert along the median under the U-turn to convey the flow. The outside ditch will need to be regraded or a drainage culvert will be required along the bulb out where it fills the existing ditch. All drainage culverts will be provided with safety ends. There is also an 18" drainage crossing pipe which does not appear to conflict with the improvements.

Figure 3: Neel-Schaffer's concept layout at US 165 and Deloach St.



Approximately 400 feet north of Deloach St. is a U-turn for Southbound traffic. There are no apparent conflicts at this location. A drainage culvert will be required for median drainage.

Pearl St. @ US 165: The full access intersection will allow for only right out along Pearl St. Motorists along US 165 will be permitted to take lefts and U-turns. There are possible conflicts with the truck apron and the lighting duct which can be worked out during design. **See Figure 4.**

Figure 4: Neel-Schaffer's concept layout for UA 165 at Pearl St.

US 165 @ Winnsboro Rd.: This full access intersection will under proposed conditions restrict left turn movements from Winnsboro Rd. (LA 15). **See Figure 5.** Lefts are permitted along US 165. Excess pavement could be removed and replaced with grass, or it can remain. There are no conflicts at this intersection. South of US 165 at the intersection of Accent Drive @ Winnsboro Rd. There are proposed bike/ped facilities, which end at Louberta St. Bike/ped facilities are also proposed north of US 165 starting at the intersection of Martin Luther King Junior Drive and Hadley St.

Although bike and ped facilities are included within DOTD's concept layout, the exact location and type will be determined as part of our services. We will evaluate the best type for each segment based on impacts to ROW, utilities, drainage systems and balance the costs/impacts with the public's need for a corridor-wide complete street solution. We will carefully recommend start and end locations for these facilities with consideration for connectivity.

Note: In several locations, exiting lateral drainage features are too short to provide the required ADA complaint bike and ped facilities. Instead of the costly drainage structure extensions, we propose that handrails with structural details be provided instead. One example is the double barrel box culvert which crosses the service road between Hadley St. and Ruffin Dr. **See Figure 6.**

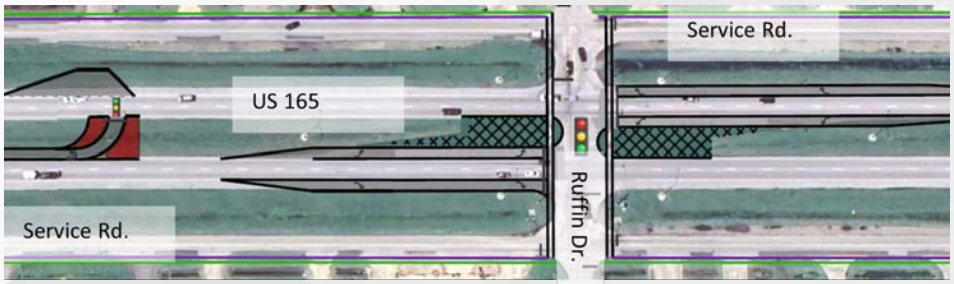
Figure 5: Neel-Schaffer's concept layout for UA 165 at Winnsboro Rd. (LA 15)

Figure 6: Double Barrel Box between Hadley St/Ruffin Dr.

US 165 @ Hadley St: This full access intersection will become a right-in-right out only intersection. There is a U-turn for NB traffic which extends through this intersection. We recommended that separation be provided between the U-turn and Hadley St. to prevent motorists from crossing the thru lanes and accessing the U-turn from Hadley St. Instead, they can turn at Ruffin Dr., which is located about 1,000 feet north. There are no apparent conflicts at this location.

US 165 @ Ruffin Dr.: This intersection will remain full access, with changes to the geometry of the turn lanes. **See Figure 7.** This geometry will be similar to what is proposed for Center St., East St. and Century Blvd.. There are no apparent conflicts at these intersections.

Figure 7: Neel-Schaffer's concept layout for UA 165 at Ruffin Dr.



North of Century Blvd. is the I-20 interchange which is excluded from this project. The remaining portions of the proposed project picks back up North of I-20 along the service road where the bike lane and sidewalks continue. These proposed improvements are near the KCS railroad.

We anticipate Railroad coordination will be required because improvements are located near the KCS railroad. We have completed this service for other DOTD projects and are able to work with DOTD to provide any material and design packages to assist with the RR plan reviews and we will complete any design refinements required to accommodate the railroad company's comments. We have participated in design workshops and similar types of tasks for other DOTD projects.

18. APPROACH & METHODOLOGY:

The DOTD proposed improvements begin at the railroad which creates an abrupt termination point that lacks connectivity. Since these improvements will not extend across the RR tracks we will propose that they wrap around the service road instead to provide continuous connectivity.

The next intersection with proposed roadway improvements north of I-20 is Harvester Dr. This intersection will have right turn lanes added from US 165.

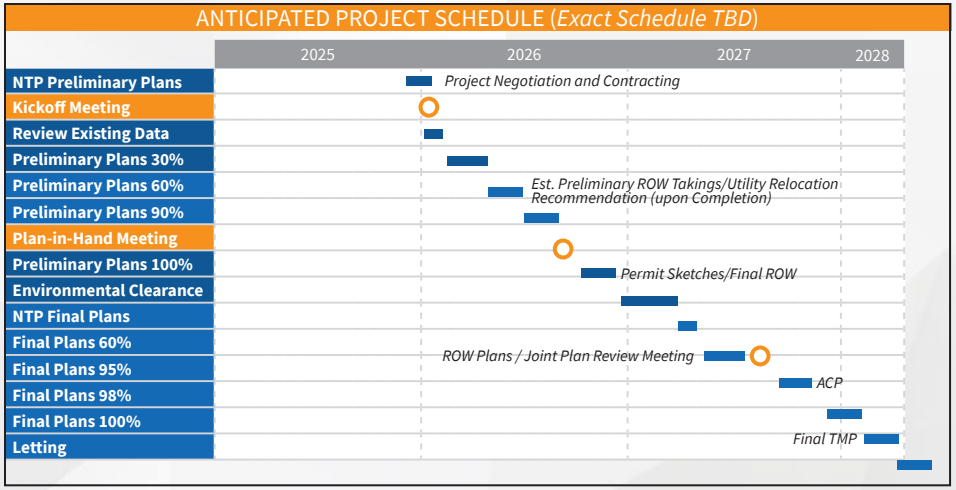
Figure 8: Neel-Schaffer's concept layout for UA 165 at Louberta St.

US 165 @ Louberta St. Louberta St. will change from full access to a J-turn intersection with U-turns located about 800ft north and south of the intersection. Dual rights are proposed along Louberta St. which will require the extension of a double and triple barrel 18" diameter cross drain pipes. Additional extensions may also be required to accommodate the sidewalk. **See Figure 9.**

Figure 9: 18" drainage pipes at Louberta St.

It is anticipated that the existing roadway lighting will be impacted due to the proposed pavement widening for turn lanes. One example is at the location of Louberta St. and US 165. We have included a team with experience providing both the lighting design and foundation design for DOTD on various projects. The foundation design will be provided in conformance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

The survey has already been started by Lazenby and Associates and will be completed by the first quarter of 2026, based on discussions with the PM. No right-of-way will be required, which will allow the project to move forward more quickly. The letting date is June of 2029 but we anticipate completing the project in less timeline than the projected DOTD schedule. This project is fully funded through safety funding.



Typical Project Schedule: *Exact tasks and durations subject to change based on task order project requirements*

Adapted Signal Systems will be utilized as part of this project and we will evaluate the current optical fiber to confirm that it provides adequate connectivity. ITS design will be completed to determine the impact of these improvements on the existing system and impacts on the signal network will be considered. We will inspect the fiber by testing with an OTDR. This will include minimum of several strands from each section or the testing all fibers from both directions. Traffic Signal design is also included. We will inspect the existing signal fiber to determine the usability of the existing system for the advanced controller system. We have team members who are experienced in each of these tasks and will provide each of these services.

APPROACH AND METHODOLOGY

Project Kickoff Meeting: NSI will attend the kick-off meeting with the Project Manager, entity and project team. Communication protocols, project schedule submittal stages and procedures to follow are just a few of the items which will be discussed. We will provide a written plan, schedule and monthly reports. We will provide a proactive approach to the project which includes tracking the progress of the project, coordination and communication with the stakeholders, avoidance and resolution of issues and coordination with other projects which interface with this project.

Site Visit & Study of Existing Data: Our team has already conducted an initial site visit to determine the existing site conditions, obtain utility data, and determine potential constraints. **We recognize the constraints which exist within the project limits and have highlighted them in the existing constraints map provided on the divider forSections 17 and 18.** Our approach considers these constraints and existing conditions/challenges, while providing opportunities to address them.

Project-Specific Opportunity: During our site visit we noticed areas where the pavement needs maintenance. This project doesn't provide for overlay or maintenance. We recommend that the project start with a pavement inventory to identify areas where patching or overlay might be appropriate to prevent the completion of services in areas where pavement destresses are present. For example, there is patch deterioration, edge cracking, rutting and block cracking that appear to be present along the service road south of Ruffin. Alligator cracking is located at US 165 @ Louberta looking west and there are various past patches along the service roads which

18. APPROACH & METHODOLOGY:

appear to now reflect the divots or other deformations they were intended to address.

Preliminary Plans: Our roadway engineering design will be completed in conformance with the latest requirements of the LADOTD Roadway Design Procedures and Details, the LADOTD Engineering Directives and Standards (EDSMs), the American Association of State Highway and Transportation Officials (AASHTO) Policy on Geometric Design of Highways and Streets, and AASHTO Roadside Design Guidelines. We will provide plans created utilizing CADConform and in compliance with the DOTD CAD standards. Our roadway design will be completed with the use of Power InRoads V8i (SS2) and our construction cost estimates will utilize current DOTD standard bid items and the DOTD's Bid history estimate tool, with consideration for the project location and magnitude of items. This is important due to the unstable, escalating construction costs.

Our **roadway drainage design** will be completed in conformance with the DOTD Hydraulics Manual. We will utilize LADOTD HydroWIN software for open channel flow (Hydro1140), inlet spacing (Hydro6000), analysis of culverts (Hydro1120) and storm sewer system design (Hydro6020).

The **Lighting Design** will be completed in conformance with the LADOTD Illumination and Electrical Standards, Guide to Constructing, Operating and Maintaining Highway Lighting Systems, Electrical Plan Layout and Presentation, IES Standards, NEPA 70E and other local and applicable codes.

Environmental Clearances and Permits: Environmental services are not required, but if desired, NSI will provide all required supporting documents.

30% preliminary submittal: We will include the title sheet, typical sections and roadway plan and profile sheets.

60% Preliminary Plans: All the sheets previously submitted but in more detail. In addition, the existing drainage map, proposed drainage map, drainage plan and profiles, geometric details, cross sections, preliminary design report, construction notes and details, foundation layouts, construction phasing and temporary traffic control details, and the drainage report. The roadway drainage system will be designed utilizing the rational method for a 10-year design storm. This phase typically begins with the utility relocation recommendation phase, establishment of preliminary right-of-way takings. We will refine the geometry submitted during the 30% Preliminary Plan submittal to address comments and model the corridor utilizing Power InRoads (SS2), the pavement section and the topo dtm file. We will create InRoads templates and check for the required construction and hydraulic clearances. The Draft TMP will be completed at this time (if required) and in accordance with DOTD EDSM No.VI.1.1.8 and FHWA's guidance manual Developing and Implementing Transportation Management Plans for Work Zones. Property maps will start once 60% preliminary plans are completed. At this stage our road designers will begin coordinating with the lighting designers to make sure there are no initial concerns with the placement of the lighting facilities and to avoid conflicts early on. Guardrail calculations and details will be included in this design package (if required).

90% Preliminary Plans and 95% Preliminary Plans/Plan-In-Hand (PIH): The Plan submittal will include all of the sheets and documents previously submitted but in more detail. This submittal will also include the summary of estimated quantities sheets (pay items only) and the suggested sequence of construction sheets. The comments from the 60% Preliminary Plans will be addressed, preliminary right-of-way taking lines will be completed. The Preliminary QA/QC checklist and Plan-In-Hand Checklist will be completed during this phase. We will attend the PIH meeting/site visit and summarize comments of the PIH meeting.

Project Specific Opportunity: It is critical that this roadway remain open during construction. Therefore the project will be designed to keep all lanes open during construction.

100% Preliminary Plans: This plan set will address any comments from the PIH. Preliminary cost estimate, permit sketches and final right-of-way is provided to Location and Survey during this phase. We will provide the Final Design Report with this submittal. Should revisions to one or more design criteria be required after this phase, we will submit a Revised Design Report with a brief description of the revision.

Final Plans: Once preliminary plans are approved by DOTD, an environmental decision is received, and a notice-to-proceed with final plans has been issued, we will begin preparing the 60% Final Plans.

60% Final Plans: We will submit updates of the deliverables included in the prior plans. Right-of-way maps will be prepared so that the joint plan review meeting can be held. Final Electrical Lighting Plans will include the locations of existing equipment, removal of exiting equipment (where required), proposed location of new equipment, service points, lighting controllers/panels, safety switches, receptacles, above and below ground pull and or junction boxes, conduit wiring and more. We will prepare a preliminary Short Circuit and Arc Flash Hazard Analysis Report in accordance with NFPA 70E. QC/QA documentations required by BDEM shall be submitted with each plan submittal and a roadway illumination analysis will be submitted to DOTD for review that includes analysis of all roadways and interchanges within the project limits. FAA evaluation will also be performed and submitted to FAA. The Final TMP will be submitted before the 95% Final Plans, with updates to address DOTD comments and changes which may have been made to the sequence of construction plans since the Draft TMP was submitted.

95% Final Plans: We will revise the preliminary cost estimate, complete the constructability review form and the Final Plans QA/QC Form during this phase. DOTD will review the Advance Check Prints (ACP).

98% Final Plans: We will address the ACP comments and complete the final cost estimate, provide the SWPPP form, NOI form, and provide the DOTD Contract Time Worksheet. During this phase, the Plan Quality Unit will review and once approved, we will produce the 100% Final Plan Set for the Chief Engineer's Signature. We will also provide the Final Stamped and Signed copy of the Design Report.

100% Final Plans: We will submit 100% signed Final Plans (Full Size Plan Set with Mylar Title Sheet) along with an electronic submittal. During this phase, the plans are transmitted to General Files.

Construction Support: Our engineering support during construction will provide critical services to ensure the project's successful completion. We will review bids for irregularities and conformance with DOTD's acceptable overrun and underrun from the estimated construction cost. We will review shop drawings, respond to RFIs within 48 hrs and assist with information meetings with a 24-hr notice. We will provide design corrections to minor design changes within 7 calendar days and review and accept Operation and Maintenance Manuals. We will track and review As-Built Plans to confirm they are accurate and complete. We will provide periodic field inspections associated with the lighting system. It is anticipated that four field inspections will be required (excluding Pre-final and Final Inspections).

NSI has also provided construction support and CE&I services along DOTD highways.

Section 19

Contract No. 4400033077

US 165: SUPERSTREET, DELOACH ST - WHITE ST

Images for the project shown included traffic engineering, road design, drainage design and construction support.

19. WORKLOAD:

Firm(s)	Discipline(s)*	Contract Number & State Project Number	Project Name	Remaining Unpaid Balance**
Neel-Schaffer, Inc.	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide (PRIME)	$46,821
	ITS	4400010428 EWL 3, H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements (SUB)	$805
	Traffic	4400010428 EWL 6, H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements (SUB)	n/a
	Planning	4400015733, H.972374.1	Local Public Agency Documented Planning Process, Statewide	$70,857
	Road	4400017293, H.010616	I-20: LA 544 Overpass Replacement	n/a
	ITS	440005459, H.004780.5	Kansas Lane Connector, S.A. #6	$552
	Traffic	4400017438, H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville & WBR	$125,266
	Traffic	4400018271, H.014746.1	LA 383 Corridor Study	$13,022
	Traffic	4400018271, H.014746.5, SA #2	LA 383 Corridor Study	$38,615
	Planning	4400018271, H.014746.1	LA 383 Corridor Study	$93,741
	Planning	4400021094	Update Statewide Transportation Plan and Travel Demand Model	$5,810
	Traffic	4400026458, H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	$32,609
	Road	4400024927, H.015226.5, S.A. #2	US 90: Roundabout at LA 101, S.A. #2 (on hold and should not count as backlog)	$62,647
	Traffic	4400025299, H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	$37,962
	Traffic	4400025299, H.015645.5	LA 47 Hayne Blvd Safety Improvements	$51,176
	Traffic	4400025299, H.016168.1	Baton Rouge Northern Bypass Expressway	$378,050
	Road	4400024927, H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	$325,925
	Traffic	4400024927, H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	$68,011
	Traffic	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	n/a
	Planning	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	$5,318
	Road	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet (awaiting NTP for design and should not count as backlog)	$156,280
	Road	4400024927, H.009425.5	LA 16: N 2nd St. to E. of Duncan Ave. (on hold and should not count as backlog)	$150,429

19. WORKLOAD:

Firm(s)	Discipline(s)*	Contract Number & State Project Number	Project Name	Remaining Unpaid Balance**
Neel-Schaffer, Inc.	Traffic	4400025299, H.015986.5	I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study	$79,591
	Road	4400028434, H.015568.5	LA 44: Pelican Point Roundabout and Widen	$88,844
	Traffic	4400023689, H.015574.5	LCG FYA Signal Improvements Phase 2	$200,435
	Other (Program Management)	4400027987, H.015373.1	LRSP and SRTPP Program Management	$794,958
	Road	4400024927, H.016158.5	LA 182: Greenwood St. Overpass (on hold and should not count as backlog)	$71,027
	Traffic	4400028585, H.014516.5	Mills Ave & Rees St Intersection Imp	$89,686
	Safety	4400023689, H.015227. S.A. #1	US 61 at Victoria Dr. Ped Crossing, S.A. #1	$14,898
	ITS	4400029436, H.011504.6	Alexandria Phase 2 Technical Support	$32,607
	ITS	4400029436, H.016447.1	DMS Decom & Upgrades SEA	$88,351
	CE&I / OV	4400029441, H.011446.6	Mound Rest Area Renovations	$81,692
	Other (Electrical)	4400029441, H.015218.5	Grand Prairie Safety Rest Area Lighting	$28,780
	Traffic	4400025299, H.014305.1	US 61: Cardinal Drive to Bert Street	$204,197
	Road	4400024927, H.015640.5	LA 159 & LA 818: Roundabout	$425,731
Modjeski and Masters, Inc.	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	$195,996
		Retainer Contract 4400005395	**Construction Engineering and Inspection with Painting**	
	Other (Roadway Lighting)	H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	**$7,429**
		IDIQ Contract 4400017263	**Bridge Preservation Statewide**	
	Bridge	Contract 44-29193 H.004100.5/H.004100.6	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 Segment 1 Task 2	**$428,521**
	Bridge	Contract 44-21128 H.014258	Subconsultant: LA 1: Port Allen Canal Bridge Replacement - Phase 2 CRES	$501,930

Modjeski and Masters, Inc.		**IDIQ Contract 4400020063**	**Electrical Services Statewide**	
	Other (Roadway Lighting)	H.014646	I-20: US 165 to Garrett Road Lighting	$31,927
	Other (Roadway Lighting)	H.014555.5	I-10 at LA109 Interchange Lighting (Toomey)	$91,676
	Other (Roadway Lighting)	H.015019.5	I-10 at LA3063 Interchange Lighting (Vinton)	$103,956
	Other (Roadway Lighting)	H.015085.5	I-10 @ LA108 Interchange (Vinton) Lighting	$102,759
	Other (Roadway Lighting)	H.012889.6	I-20 Bossier City Lighting (Pines Rd to I-220) (CRES C1)	$115,398
	Other (Roadway Lighting)	H.003184.6	I-10: Texas State Line - E. of Coone Gully Lighting (CRES C1)	$62,103
	Bridge	Contract 44-20156 H.011965.6	Subconsultant: LA 47 IWGO Bridge Rehab CRES	$85,580
		IDIQ Contract 4400024187	**Bridge Preservation Statewide**	
	CE&I/OV	H.003144.6 - Task Order 3	MRB (Luling) CEI of Latent Defects	$4,293
	Bridge	H.015115.5 - Task Order 2	LA 24 over ICWW Repair	$6,569
	Bridge	H.011137.6 - Task Order 5	I-12: LA 1077 to LA 21	$108,195
	Bridge	H.000263.5 - Task Order 4	LADOTD Chef Menteur Pass Br Rehab Scoping	$54,296
	Other (Roadway Lighting)	H.015504.6 - Task Order 6	CCC Decorative Lighting	$6,625
	Bridge	H.002980.6 -Task Order 9	I-10 Overpass Over US 165 & MP RR	$56,947
	Bridge	H.014998.6 -Task Order 10	West Larose Lift Bridge Rehabilitation - Final Design	$39,635
	Bridge	H.014998.6 -Task Order 11	West Larose Lift Bridge Rehabilitation - CRES Close Out	$67,532
	Bridge	H.015826.5 - Task Order 12	I-20 Vicksburg Span Jacking	$50,428
	Bridge	H.001271.5 - Task Order 13	Cane River Bridge Navigation Lights	$187,746
	Bridge	H.014609.1 - Task Order 14	Cameron Ferry Landing Replacement	$229,349
	Bridge	H.004647.6 - Task Order 15	I-20: MRB Geotechnical and Structural - Vicksburg Monitoring	$153,269
	Bridge	H.010882.6 - Task Order 16	4th Street Close-out Continuation CRES	$21,434

Modjeski and Masters, Inc.	Bridge	H.011705 - Task Order 17	US 11 Rehabilitation Close-out Continuation CRES	$11,274
	Bridge	H.014465.5 - Task Order 20	Vermillion River Bridge (Perry Bridge Rehab 2025 - Add Scope)	$119,785
	Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road	$2,979
	Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road (Supplement 5)	$290
		IDIQ Contract 4400021593	**Bridge Load Rating Services Statewide**	
	Bridge	H.009859.5 - Task Order 1	Bridge Load Rating	$474,066
	Bridge	H.009859.5 - Task Order 2	Load Rating of 10 Statewide Bridges	$1,391,315
	Bridge	Contract 44-22581 H.011221.5	I-10: N.O. CBD3 (Poydras - Louisa)	$40,487
	Bridge	Contract 44-22581 H.011222.5	I-10: N.O. CBD4 (Louisa - I510)	$311,362
		IDIQ Contract 4400027614	**Painting Inspection and Environmental Monitoring with Construction Engineering and Inspection - Statewide**	
	CE&I/OV	H.011487.6	LA 182: Berwick Bay Bridge Rehabilitation	$1,590,753
		IDIQ Contract 4400027651	**Bridge Load Rating Services Statewide**	
	Bridge	H.009859.5	Bayou Barataria - Limited Rehabilitation	$39,030
		IDIQ Contract 4400029685	**IDIQ for In-Depth Bridge Inspection Statewide**	
	Bridge	H.009730.5 (Task Order 1)	Complex Inspection - Structural, Mechanical, Electrical LA	$159,815
Vectura Consulting Services, LLC	Traffic	4400005484	New Orleans Rail Gateway Avondale EA	$57,644
	CE&I/OV	4400020018	EBR Computerized Traffic Signal, Ph VB	$28,737
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$11,202
	Traffic	4400021519	KCS RR Overpasses HBI	$572
	Traffic	4400023075	S. Lewis Street Widening	$7,499
	Traffic	4400025299	LA 47 Hayne Blvd Safety Improvements	$9,437
	Traffic	4400018271	LA 383 Stage 0 Corridor Study	$20,146
	ITS	4400016364	Houma Regional ITS Architecture Update	$10,746
	Traffic	4400025299	Dist. 02H Flashing Yellow Arrow Part 2	$83,260

20. CERTIFICATIONS/LICENSES:

SEE ATTACHED

State of Louisiana
Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
NEEL-SCHAFFER, INC.	Business Corporation (Non-Louisiana)	JACKSON	Active

Previous Names

Business: NEEL-SCHAFFER, INC.
Charter Number: 34112054F
Registration Date: 4/25/1983

Domicile Address
4450 OLD CANTON ROAD
SUITE 100
JACKSON, MS 39211

Mailing Address
4450 OLD CANTON ROAD
SUITE 100
JACKSON, MS 39211

Principal Business Office
4450 OLD CANTON ROAD
SUITE 100
JACKSON, MS 39211

Registered Office in Louisiana
450 LAUREL STREET, 8TH FLOOR
BATON ROUGE, LA 70801

Principal Business Establishment in Louisiana
450 LAUREL STREET
8TH FLOOR
BATON ROUGE, LA 70801

Status

Status: **Active**
Annual Report Status: **In Good Standing**
Qualified: 4/25/1983
Last Report Filed: 4/3/2025
Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: CORPORATION SERVICE COMPANY
Address 1: 450 LAUREL STREET, 8TH FLOOR
City, State, Zip: BATON ROUGE, LA 70801
Appointment Date: 11/9/2012

Officer(s)

Additional Officers: No

Officer: CHRIS SELLERS
Title: Director
Address 1: 4450 OLD CANTON ROAD
Address 2: SUITE 100
City, State, Zip: JACKSON, MS 39211

Officer: MELINDA MCGRATH
Title: Director
Address 1: 4450 OLD CANTON ROAD
Address 2: SUITE 100
City, State, Zip: JACKSON, MS 39211

Officer: K. NELSON LUCIUS
Title: Director
Address 1: 2501 AVENUE J,
Address 2: #120
City, State, Zip: ARLINGTON, TX 76006

Officer: J. CLARK ROBINSON
Title: Director
Address 1: 4450 OLD CANTON ROAD
Address 2: SUITE 100
City, State, Zip: JACKSON, MS 39211

Officer: ROBERT R. WALKER
Title: Director
Address 1: 4450 OLD CANTON ROAD
Address 2: SUITE 100
City, State, Zip: JACKSON, MS 39211

Officer: JOEY HUDNALL
Title: President, Director
Address 1: 4450 OLD CANTON ROAD
Address 2: SUITE 100
City, State, Zip: JACKSON, MS 39211

Officer: EDWARD J. EVERITT
Title: Secretary
Address 1: 4450 OLD CANTON ROAD
Address 2: SUITE 100
City, State, Zip: JACKSON, MS 39211

Amendments on File (17)

Description	Date
Disclosure of Ownership	2/2/1995

Disclosure of Ownership	4/8/1996
Disclosure of Ownership	4/19/1999
Stmt of Chg or Chg Prin Bus Off	12/6/2002
Disclosure of Ownership	11/20/2003
Disclosure of Ownership	6/7/2012
Stmt of Chg or Chg Prin Bus Off	11/9/2012
Appointing, Change, or Resign of Officer	5/24/2013
Appointing, Change, or Resign of Officer	5/24/2013
Stmt of Chg or Chg Prin Bus Off	5/24/2013
Appointing, Change, or Resign of Officer	7/22/2014
Stmt of Chg or Chg Prin Bus Off	9/8/2015
Stmt of Chg or Chg Prin Bus Off	9/18/2015
Stmt of Chg or Chg Prin Bus Off	12/28/2015
Appointing, Change, or Resign of Officer	8/3/2017
Disclosure of Ownership	8/5/2019
Stmt of Chg or Chg Prin Bus Off	9/1/2023

Print

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
MODJESKI AND MASTERS, INC.	Business Corporation (Non-Louisiana)	MECHANICSBURG	Active

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: VECTURA CONSULTING SERVICES, LLC
Charter Number: 41994609K
Registration Date: 8/24/2015
Domicile Address
4467 BLUEBONNET BLVD.
SUITE A
BATON ROUGE, LA 708099639
Mailing Address
PO BOX 14269
BATON ROUGE, LA 70898

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 8/24/2015
Last Report Filed: 7/30/2025
Type: Limited Liability Company

Registered Agent(s)

Agent:	SHEELAGH BRIN FERLITO
Address 1:	4467 BLUEBONNET BLVD
Address 2:	SUITE A
City, State, Zip:	BATON ROUGE, LA 708099639
Appointment Date:	8/15/2018

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 11, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
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

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Ellen B. Howard

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Ellen Howard

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Ellen Howard

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 11, 2021
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

Gary Leblanc

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion

presented to

Gary Leblanc

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion

presented to

Gary Leblanc

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: March 30, 2022
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 1, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Clarke Chauvin

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Clarke Chauvin

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Clarke Chauvin

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

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Brin Ferlito

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Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
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Authorized Instructor

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Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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Traffic Engineering Analysis Process & Report
Module 3

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Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

21. QA/QC PLAN:

N/A

22. SUB-CONSULTANT INFORMATION:

Firm Name (Name must match as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
Modjeski and Masters, Inc.	1100 Poydras St. New Orleans, LA 70163	Cullen J. Ledet, PE cjledet@modjeski.com	504.524.4344
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	225.223.6685

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.