September 3, 2025

PROPOSAL

Engineering and Related Services

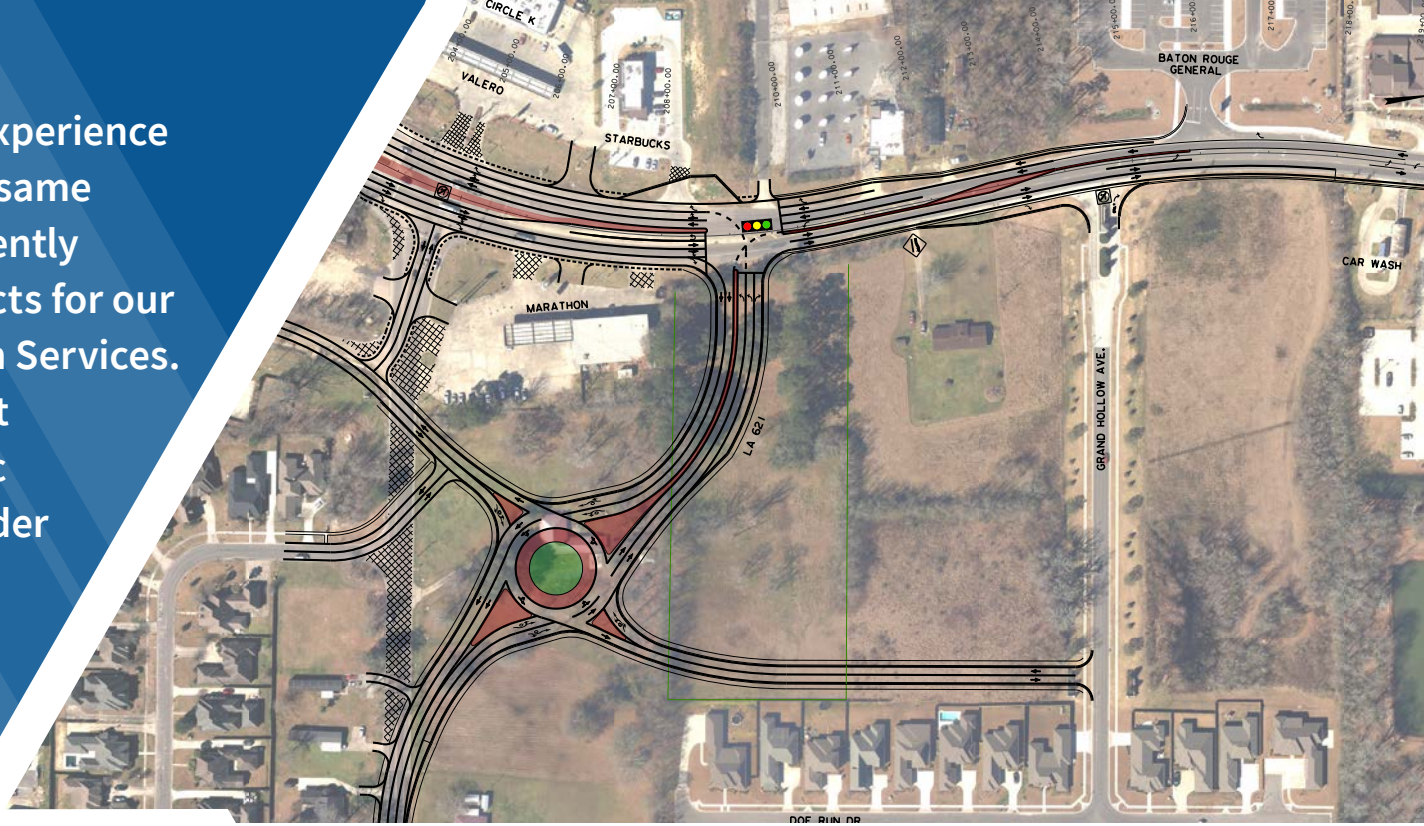
IDIQ CONTRACT FOR DESIGN SERVICES

Contract No. 4400032781
Statewide with Majority of Work in District 61

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

NEEL-SCHAFFER

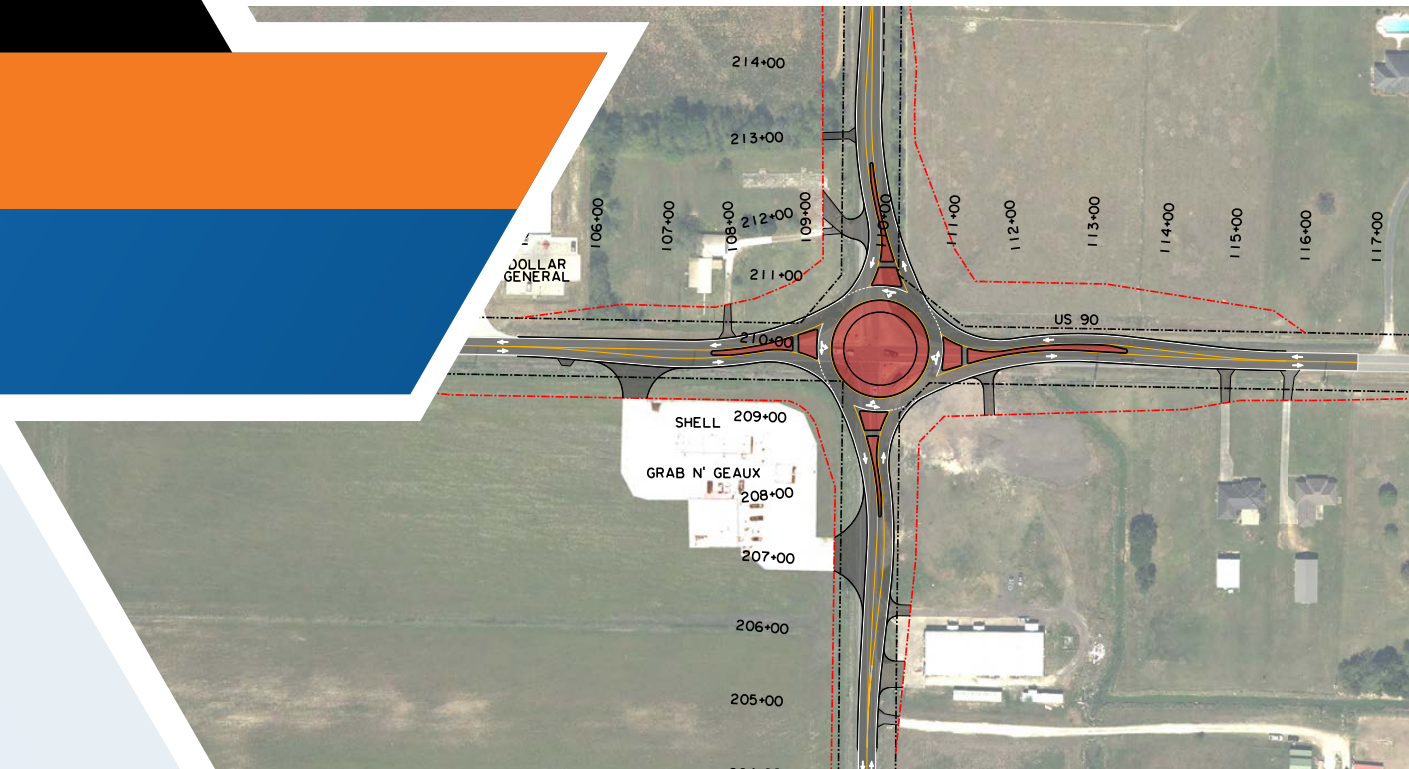
Neel-Schaffer, Inc., has proven experience providing these services for this same contract for DOTD. We are currently working on five task order projects for our existing IDIQ for Roadway Design Services. These projects include pavement preservation, road design, traffic engineering and more. This divider shows two concept layouts for two projects included in our existing IDIQ for Roadway Design Services.



Sections ***1-11***

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES



H.014366: The image at the top was provided by NSI to show DOTD the impacts prior to design phase starting.
H.015226: The lower graphic was provided by NSI in support of the public meeting.

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

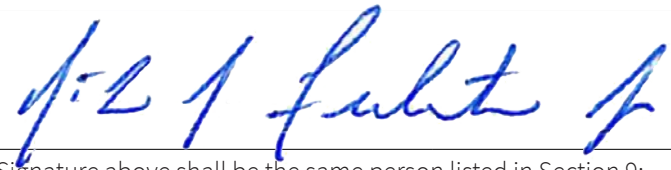
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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	**IDIQ Contract for Design Services Statewide with Majority of Work in District 61**
2. **Contract Number(s)** as shown in the advertisement	**4400032781**
3. **State Project Number(s)**, if shown in the advertisement	**N/A**
4. **Prime consultant name** (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	**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 1, 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
Civil Design & Construction, Inc.	10%

This IDIQ includes preservation, safety, and turn lane projects. Based on a meeting between NSI and District 61 staff, this IDIQ can also include roundabouts. We have proven experience performing all of these services for DOTD.

Sections ***12-15***

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES

12. DISCIPLINE TABLE:

Discipline	% of Overall Contract	Neel-Schaffer, Inc.	Civil Design & Construction, Inc.	Each Discipline must total to 100%
Road	85%	100%	0%	100%
Traffic	5%	100%	0%	100%
Survey	10%	0%	100%	100%
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	90%	10%	

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	25	25
	Engineer Intern	5	5
	Senior Technician	2	2
Civil Design & Construction, Inc.	Surveyor	1	2
	Party Chief	4	5
	Instrument Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	1	6
	Supervisor – Other	1	1

14. ORGANIZATIONAL CHART:

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES

LEGEND

- Neel-Schaffer, Inc.
- Civil Design & Construction, Inc.

MPR Designation ◂ TEPR Certified

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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*

Surveying

Civil Design & Construction, Inc.

- Karla Weston
- Chris Ballard, PLS 4
- Scott Benton
- Madison Mills, PLS
- Bradley Jacobs, EI
- Chancey Cothren
- Jacob Stoehr
- Drennon Humphreys
- Alex Wells
- Hunter Smith
- Clarence Goodspeed
- Tracey Smith

Traffic

- Ellen Burke Howard, PE, PTOE ◂
- Jonathan Duhe, PE, PTOE, RSP ◂
- Katie Odenthal, PE, PTOE ◂
- Peter Allain, PE, PTOE
- William 'Case' Fulcher, PE, RSP
- Chuck LeBoeuf, PE, PTOE ◂
- Santosh Andem, PE, PTOE ◂
- Charles Adams, PE, PTOE ◂
- Clarke Chauvin, PE, PTOE, PMP ◂
- Seth Popay, EI ◂
- Lonny Territo

Structural Design

- Steve Hazen, PE
- Brian Adams, PE, SE, CBI

Bridge H&H / Scour (if required)

- Steve Hazen, PE
- Mike Phillips, PE, CFM
- Leah Selcer, PE

Road Design

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

Utility Design

- William (Don) Lancaster, PE
- Warren Huggins, PE

Traffic Control Plans

- Charles Adams, PE, PTOE ◂

Construction Support

- Phil Graves, PE
- Mai Nguyen, PE 3
- Daniel Marks, PE
- Scott Andrepont, PE 3
- Chance Shuckrow, PE 3
- Joshua Schexnider, PE 3

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
3	Joshua Schexnider, PE		PE No. 45891 - Civil	LA	03/31/26
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS No. 5033 Professional Land Surveyor	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,	Steve Hazen, PE	Scott Andrepont, PE	Nicholas Castille, PE	Joshua Schexnider, PE	Jacob Thiaville, EI
DOTD IDIQ CONTRACT FOR ROAD DESIGN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOTD TRAFFIC STUDIES/SAFETY	✓			✓		✓					
DOTD PRELIMINARY & FINAL PLAN PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOTD ROADWAY DRAINAGE AND H&H DESIGN		✓	✓		✓		✓	✓	✓	✓	✓
DOTD CONSTRUCTION PROPOSAL SERVICES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOTD CONSTRUCTION SUPPORT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Section ***16***

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES

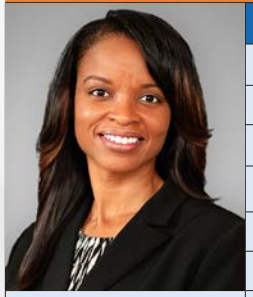
16. STAFF EXPERIENCE

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, 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. 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 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) (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. Includes multilane roundabouts
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.
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.
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.
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. He has also served as the project manager and lead traffic engineering for the following IDIQ contracts with LADOTD: IDIQ for Roadway Design; IDIQ Contract 44-01583 for Safety Studies Statewide; IDIQ Contract 44-04402 for Safety Studies Statewide; IDIQ Contract 44-10504 for Safety Studies Statewide; IDIQ Contract 44-08851 for Traffic Signal Engineering; IDIQ Contract 44-04712 for Traffic Engineering; IDIQ Contract 44-04064 for Traffic Engineering; IDIQ Contract 44-01777 Signal Timing Studies; and IDIQ Contract 44-04712 Traffic Signal Engineering.

16. STAFF EXPERIENCE



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. 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 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) 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. She assisted with design-related tasks. Managed the roadway drainage design, and managed the 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.
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. 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.
08/17 – Present	**Ham Reid at LA 3092 Intersection Improvements**: Serves as Engineer of Record for this project, which will construct a roundabout at the intersection of LA 3092 and Ham Reid Road. The roadway and drainage design were completed in accordance with LADOTD guidelines.
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.

16. STAFF EXPERIENCE

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. 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 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) 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.
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.
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.
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.
Career History	Mai has over 14 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

Firm employed by Neel-Schaffer, Inc.

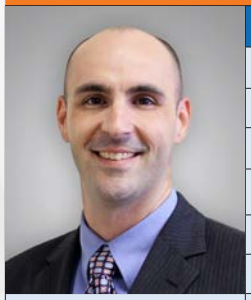
Name	**William Chance Shuckrow, PE**	Years of relevant experience with this employer	10
Title	Project Engineer	Years of relevant experience with other employer(s)	0

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. 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 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) 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.

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.
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.
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

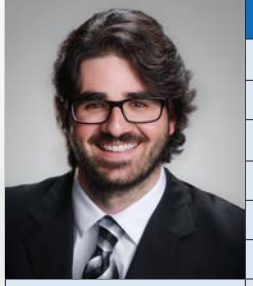


Firm employed by Neel-Schaffer, Inc.					
Name	**Scott Andrepont, PE**			Years of relevant experience with this employer	15
Title	Project Engineer			Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			BS / 2005 / Civil Engineering; MS / 2007 / Civil Engineering		
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. 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 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) 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.
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.
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.
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.
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.

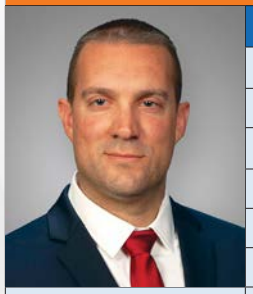
16. STAFF EXPERIENCE

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, **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. 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 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) 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.
02/20 – 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.

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 side-walks, 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.
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.
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.

16. STAFF EXPERIENCE

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. 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 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) 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
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
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 2022 through 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.

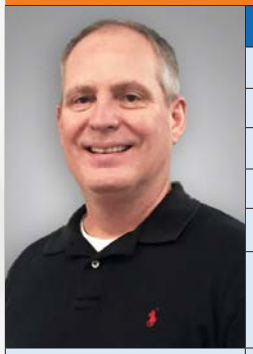
16. STAFF EXPERIENCE

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. 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 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) 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.

16. STAFF EXPERIENCE

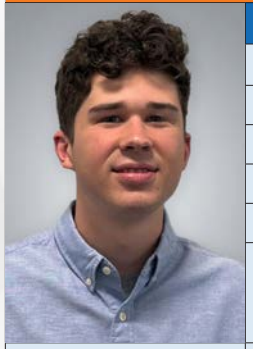


Firm employed by Neel–Schaffer, Inc.				
Name	**Stephen Perault**		Years of relevant experience with this employer	7
Title	Senior Technician		Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		N/A		
Year 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. 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 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) 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.

16. STAFF EXPERIENCE

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
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Project Manager for traffic studies

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. 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 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) 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.
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
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.
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.
01/14 – 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.

16. STAFF EXPERIENCE

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		

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. 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 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) 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.
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.
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

Firm employed by Neel–Schaffer, Inc.					
Name	**Katie Odenthal, PE, PTOE**			Years of experience with this firm/employer	15
Title	Traffic Engineer			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			BS / 2012 / Civil Engineering		
Active registration number / state / expiration date			PE No. 40920 / LA / 03-31-2027		
Year registered	2016	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Engineering Studies, Road Safety Assessments, and Safety Effectiveness Evaluations		

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).
09/22 – Present	**LRSP Ardenwood Dr Road Diet (Contract No. 4400013850, T.O. No. H.013622.5), East Baton Rouge Parish, LA:** Traffic Engineer. Performed peak period determination, organized data collection submittals. In the future, will perform existing and future intersection analyses, develop recommendations, and prepare report.
09/22 – 07/23	**Sugar House Road Extension, Intersection Control Evaluation (ICE) Study, Alexandria, LA:** Traffic Engineer. Performed peak period determination, organized data collection, reviewed safety analysis. In the future, will perform existing and future intersection analyses including signal warrants, if necessary, develop recommendations, and prepare report.
06/23 – 04/24	**LA 384 (Big Lake Rd to McNeese Street) (Contract No. 4400018271 T.O. No. H.011242.1) Calcasieu Parish, LA:** Traffic Engineer. This project included analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned growth. Performed existing and alternative safety analysis, performed existing and future intersection analyses, developed recommendations, and prepared report.
01/24 – Present	**US 190 Corridor (E Gause Blvd) (Contract No. 23–171 PO No. 22307798) St. Tammany Parish, LA:** Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned growth. Reviewed existing safety analysis, performed existing and future intersection analyses. In the future, will develop recommendations, perform alternative intersection operational and safety analyses, and prepare report.
07/24 – Present	**US 190 Access Management Stage 0 and Traffic Study (Contract No. 700.21.015) City of Mandeville, LA (16541):** Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned growth. Performed peak period determination, organized data collection, reviewed existing safety analysis, performed existing and future intersection analyses. In the future, will develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
10/22 – Present	**LA 383 Corridor Study (Contract No. 440018271 PO No. H.014746.1) Calcasieu and Jefferson Davis Parishes, LA:** Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned development growth. Performed peak period determination, organized data collection, reviewed existing safety analysis. In the future, will perform existing and future intersection analyses, develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
01/24 – Present	**Cedar St Ext. to LA 22 and Roundabout (Contract No. 4400026458, PO No. H.014710) St. Tammany Parish, LA:** Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned development growth including extending a roadway and installing a roundabout at one of the study intersections. Performed peak period determination, organized data collection, reviewed existing safety analysis, performed existing and future intersection analyses. In the future, will develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.

02/25 – Present	**I–49 at LA 3233 (Harry Gilbeau Road) Traffic Study (Contract No. 4400025299, PO No. H.015986.5):** Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned development growth including a roundabout design at one of the study intersections. Performed peak period determination and organized data collection. In the future, will review existing safety analysis, perform existing and future intersection analyses, develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
10/21 – Present	**MovEBR Synchronization and Communication Signal Rebuilds – Group 3 and Group 4 (Contract No. 800003327 and 800003805), Baton Rouge, LA:** Traffic Engineer. Assisted with preparing signal reports. Creating signal plans.
10/21 – 05/22	**MovEBR Sherwood Forest Extension, Baton Rouge, LA:** Traffic Engineer. This project was concerned with extending Sherwood Forest Blvd from Greenwell Springs Rd to Joor Rd. Assisted with alternative analyses for design years and report preparation.
10/21 – 06/22	**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. Performed intersection analyses, tier 1 analyses. Assisted with report preparation.
10/21 – 04/22	**US 190 Access Management Project, Mandeville, LA:** Traffic Engineer. Performing a traffic study along US 190 from East Causeway Approach to Clausel Street in order to improve capacity. Performed demand calculations. Determined peak periods and peak hours. Performed intersection analyses and Tier 1 analysis. Prepared data collection reports and existing analysis and no build analysis report submittals.
03/16 – 04/17	**LA 22 Corridor Study (Rou Mar Nei Drive to 1st Street), Tangipahoa Parish, LA:** Engineer Intern. Assisted with safety analysis and intersection operational analyses for existing and proposed alternatives. Helped prepare the traffic report.
02/16 – 04/17	**LA 22 (Dalwill Dr to Rodger Storme Rd) Corridor Study, Mandeville, LA:** Engineer Intern. Assisted with safety analysis and intersection operational analyses for existing and proposed alternatives. Helped prepare the traffic report.
04/15 – 04/16	**US 80 Traffic Control Signal Upgrade, Shreveport, LA:** Traffic Engineer assisted with Data Collection (Traffic Counts and Travel Time Runs), Signal Warrant Analyses, Intersection Operational Analyses (Synchro), Signal Designs.
01/14 – 12/16	**LA 30 Stage 0 (Contract No. 4400001862, T.O. No. H.010572.1), Gonzales, LA:** Engineer Intern. Performed intersection analyses for existing and future alternatives using Synchro and SIDRA software. Checked signal timings.
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):** Engineer Intern. Performed intersection analyses for existing and future alternatives using Synchro and SIDRA software. Checked signal timings.
08/14 – 08/17	**North Sherwood Forest Drive Improvements (S.P. No. H.004578), Baton Rouge, LA:** Engineer Intern. Assisted with temporary and permanent signal design including clearance calculations, signal timings, signal plans, and intersection quantities. Designed fiber interconnect plans and wiring diagrams. Analyzed proposed timings in Synchro and SIDRA.
07/15 – 04/16	**US 80 Traffic Control Signal Upgrade (S.P. No. 44–4712, T.O. No. H.011733.5), Shreveport, LA:** Traffic Engineer assisted with Data Collection (Traffic Counts and Travel Time Runs), Signal Warrant Analyses, Intersection Operational Analyses (Synchro), Signal Designs.
03/15 – 12/17	**US 51 (I–55 to University Avenue) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1), Hammond, LA:** Engineer Intern. Assisted with safety analysis and intersection operational analyses for existing and proposed alternatives. Help prepare the traffic report.
03/15 – 12/17	**US 51 Business (I–12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1):** Engineer Intern. Assisted with safety analysis and intersection operational analyses for existing and proposed alternatives. Helped prepare the traffic report.
Career History	Mrs. Odenthal joined Neel-Schaffer, Inc., as a student intern in 2010, went full time in 2012 upon her graduation, and joined the Baton Rouge office in 2014. She is a traffic/transportation engineer who works on a range of traffic and transportation projects including intersection/corridor signal timing studies, signal design projects, and other traffic engineering related projects for both public and private projects. Mrs. Odenthal is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru–Traffic (TS/PP-Draft), and SIDRA. Mrs. Odenthal is a certified Professional Traffic Operations Engineer (PTOE) and has completed DOTD's Traffic Engineering Process and Report (TEPR) training.

16. STAFF EXPERIENCE

Firm employed by Neel–Schaffer, Inc.				
Name	**Peter Allain, PE, PTOE**		Years of experience with this firm/employer	7
Title	Senior Traffic Engineer		Years of experience with other firm(s)/employer(s)	37
Degree(s) / Years / Specialization		BS / 1979 / Civil Engineering; MS / 1988 / Civil–Environmental Engineering		
Active registration number / state / expiration date		PE No. 20966 / LA / 03-31-2027; PTOE No. 0949		
Year registered	2021	Discipline	Civil and Environmental	
Contract role(s) / brief description of responsibilities		Road Safety Assessments and Safety Effectiveness Evaluations		

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).
02/23 –Present	**US 61 at Victoria Drive Pedestrian Study, Baton Rouge, LA:** Engineer. Safety study to identify pedestrian safety countermeasures at a high need location on US 61 in East Baton Rouge Parish, This study identified and analyzed a pedestrian crossing location with a high number of predicted pedestrian crashes and expected use consistent with planned regional multiuse paths along Airline Highway in North Baton Rouge.
06/22 – 10/24	**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.
01/22 – 06/22	**US 167: I–10 to Willow Street Roadway Safety Analysis (RSA). 4400010504, Task Order No. H.014959.1.** Senior Engineer responsible for conducting existing pedestrian/bike safety analysis within the study, coordinating with stakeholders on RSA meeting and site visit, development of low–cost safety improvements and preparation of the RSA report.
07/21 – 4/22	**District 61 Intersection Safety Studies, 4400010504, Task Order No. H.014684.1.** Senior Engineer responsible for quality assurance and control for CAT Scan analysis, countermeasure selection, countermeasure comparison and intersection study reports and recommendations.
02/19 – 03/20	**District 07 Safety Investment Plan, 4400010504, Task Order No. H.013826.1.** Senior Engineer responsible for quality assurance and control for CAT Scan analysis, countermeasure selection, countermeasure comparison and intersection study reports and recommendations.
02/18 – 02/19	**District 08 Safety Investment Plan, 4400010504, Task Order No. H.013826.1.** Senior Engineer responsible for quality assurance and control for CAT Scan analysis, countermeasure selection, countermeasure comparison and intersection study reports and recommendations.
LADOTD Experience 1981–2017	Mr. Allain has 36 years of engineering experience with LADOTD as both a consultant and employee. He contracted as Crash Data Engineer for the Louisiana Local Technical Assistance Program for 2 years, assisting local agencies with highway safety issues. He served as LADOTD Traffic Engineering Division Administrator for 14 years, overseeing statewide policy, project programming, and design in geometrics, traffic control, and access. As State Traffic Engineer for 8 years, he focused on policy development and implementation across nine districts. He also worked 12 years as Hydraulic Structures Engineer, designing headwalls, retaining walls, catch basins, and manholes, and performing hydraulic designs for bridges, culverts, and storm sewer systems. He has managed numerous projects involving signing, pavement marking, geometrics, and traffic signals, and is well-versed in traffic engineering and safety analysis. He understands federal and state constraints and has helped develop many policies, standard plans, and specifications. He is trained in Syncro, Sidra, ArcMap, MicroStation, and various DOTD software tools. As Division Administrator, he managed 30+ employees across two sections and oversaw programs with annual budgets of $15M and $6.5M. While at LADOTD, Mr. Allain also served as a legal expert in roadway hydraulics, traffic engineering, and accident reconstruction, contributing to regulations on access management, traffic operations, speed limits, and outdoor advertising.

16. STAFF EXPERIENCE

Firm employed by Neel–Schaffer, Inc.				
Name	**Charles 'Chuck' LeBoeuf, PE, PTOE**		Years of relevant experience with this employer	10
Title	Project Engineer		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering; MS / 2014 / Civil Engineering		
Active registration number / state / expiration date		PE 0042854 / LA / 03–31–2027; PTOE 5397		
Year registered	2018	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic Engineering Studies, Road Safety Assessments, and Safety Effectiveness Evaluations		

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).
02/15–08/20	**Stage 0 Roundabout Study, Lafayette, LA:** Mr. LeBoeuf developed scope and budget and environmental checklists, provided forecasts for traffic volumes, and conducted signal warrant analyses for this Stage 0 roundabout study.
02/22 – 06/23	**Johnston St. Corridor Study, Lafayette, LA:** This project completed for LCG evaluated safety and operational improvements for motorist, pedestrian and bicyclist from Holden Ave to north of Garfield to the RR. Chuck completed the traffic analysis for this project.
09/23 – 03/24	**SS4A Safety Action Plans (Baton Rouge, LA; Houma, LA; Monroe, LA):** Mr. LeBoeuf conducted existing safety analyses in support of preparing Comprehensive Safety Action Plans for these areas.
01/24 – Present	**Lafayette Consolidated Government Signal Design, Lafayette, LA:** This project involves designing or modifying signals at several intersections in Lafayette, LA. Mr. LeBoeuf developed signal design plans, determined signal timings, and estimated signal item quantities.
04/18 – 04/20	**LA 328 (Rees Street) Corridor Study and Plan**: Project includes improving La. Hwy. 328/Rees Street from Latiolais Road to E Bridge Street including considering the impacts of the proposed E Mills Ave extension LA 328 to Doyle Melancon Ext. roadway and outreach
02/22 – 10/22	**Pinhook Road at Kaliste Saloom Road, Lafayette, LA:** This project evaluated the conversion of the intersection of Pinhook Road at Kaliste Saloom Road from a full access signalized intersection to a quadrant intersection. For this project, Mr. LeBoeuf analyzed the proposed intersection concept in Synchro and developed signal timings and lane geometry that would reduce intersection delay.
10/21 – 06/23	**College Drive Enhancement Project, Baton Rouge, LA:** Several off–corridor concepts were considered in the vicinity of College Drive between Perkins Road and I–10. Mr. LeBoeuf analyzed these off–corridor concepts using mesoscopic modeling to determine which concept, or group of concepts, would result in the most improvements within the study area. These improvements include a reduction in vehicle delays and shifts in traffic volumes.
02/21 – Present	**I–10 and I–12 College Flyover Ramp Design–Build Project, Baton Rouge, LA:** This project documented the expected work zone impacts to I–10, I–12, and nearby surface arterials due to the construction of the College Drive Flyover. Mr. LeBoeuf analyzed the expected work zone impacts using mesoscopic modeling (Dynameq) for the first phase of construction. The impacts included queueing, shifts in traffic volumes, and traffic speeds.
07/20 – Present	**MRB South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA:** This project uses mesoscopic modeling to analyze a proposed new crossing over the Mississippi River from LA 1 to LA 30 between I–10 and LA 70. Mr. LeBoeuf used the existing traffic data to develop peak period volumes and travel times which were to be used in the model calibration and validation. Mr. LeBoeuf developed the Base mesoscopic model by first expanding a previous Dyanmeq mesoscopic model to include the West Bank of the Mississippi River from Baton Rouge to Donaldsonville, and then performing Dynamic Traffic Assignments using Origin–Destination (O–D) matrices. Afterwards, Mr. LeBoeuf used the existing traffic data to calibrate the Base model to better reflect existing traffic conditions. Once the Base model was finished, Mr. LeBoeuf then developed the No Build model, which included proposed highway improvements and an updated O–D matrix. This No Build model was then used as a background model to develop Bridge–specific models for each of the 20 proposed Bridge crossings.

12/18 – 02/19	**I–635 LBJ East Alternative Technical Concepts, Dallas, TX:** Alternative Technical Concepts were proposed for three interchanges associated the I–635 LBJ East Project in Dallas, TX. For this project, Mr. LeBoeuf analyzed the freeway and frontage road elements, comparing the operational changes between the original build concept and the proposed Alternative Technical Concept.
01/17 – 08/18	**I–10 Mobile River Bridge Interchange Modification Report, Mobile, AL:** This project analyzed the impacts of the new I–10 bridge crossing the Mobile River to the south of the existing I–10 Wallace Tunnels in Mobile, AL. Mr. LeBoeuf developed future peak hour volumes using the Travel Demand Model results for Mobile and Baldwin Counties for the No Build scenario, which involved no improvements to study area roadways, and for the Build scenario, which incorporated the new I–10 Mobile River Bridge, a widened I–10 Bayway from Mobile to Daphne, AL, and interchange improvements along I–10 within the study area. Mr. LeBoeuf performed intersection traffic analyses using the existing and future peak hour traffic volumes and recommended the intersection geometry for study area intersections.
01/17 – 02/18	**Western Beltway Phase II Feasibility Study, Hattiesburg, MS**: This project determined the feasibility of extending MS 42 from I–59 to US 49 north of Hattiesburg, MS. Mr. LeBoeuf developed existing peak hour volumes and volume characteristics such as peak hour factors and heavy vehicle percentages. Mr. LeBoeuf developed future peak hour volumes using the Hattiesburg, MS Metropolitan Planning Organization's Travel Demand Model results for the No Build scenario, which involved no improvements to study area roadways, and for the Build scenario, which incorporated two roadway alignment alternatives. Mr. LeBoeuf performed intersection traffic analyses using the existing and future peak hour traffic volumes and recommended the intersection geometry for study area intersections. Mr. LeBoeuf analyzed crash data to determine crash trends and estimate the expected number of crashes for future scenarios. Mr. LeBoeuf also performed a benefit–cost analysis for each scenario using the expected number of crashes and expected changes in travel times.
10/16 – 01/17	**LA 1133 Realignment Study, Carlyss, LA**: This realignment study analyzed the operational impacts of closing South Boudoin Road between Sayles Street and East Dave Dugas Road in Carlyss, LA as part of the expansion of the Westlake Chemicals Plant. Mr. LeBoeuf developed future peak hour volumes using the Lake Charles, LA Metropolitan Planning Organization's Travel Demand Model results for the No Build scenario, which kept South Boudoin Road open. Volumes for the Build scenario were developed by rerouting traffic from Boudoin Road to other roads within the study area. Mr. LeBoeuf performed intersection traffic analyses using the existing and future peak hour traffic volumes and recommended improvements for signalized and unsignalized study area intersections with the closure of South Boudoin Road.
Career History	Mr. LeBoeuf joined NSI in 2014 and has more than 11 years of experience in the engineering field, including 18 months as a Co–Op student with the LADOTD. Since joining NSI, Mr. LeBoeuf has provided a wide variety of transportation–related services, including travel demand modeling, GIS, crash analysis, traffic analysis, mesoscopic modeling, and traffic signal design. He also has experience in the collection of turning movement counts for development projects. Mr. LeBoeuf has completed LADOTD's Traffic Engineering Process and Report (TEPR) training.

16. STAFF EXPERIENCE

Firm employed by Neel–Schaffer, Inc.					
Name	**William Case Fulcher, PE, PTOE, PTP, RSP_{2B}, RSP_{2I}**			Years of experience with this firm/employer	8
Title	Senior Traffic Engineer			Years of experience with other firm(s)/employer(s)	2
Degree(s) / Years / Specialization			BS / 2012 / Civil Engineering; MS / 2015 / Civil Engineering		
Active registration number / state / expiration date			PE No. 45329 / LA / 09–30–2027; PTOE No. 5158 / 11–20–27; PTP No. 786 / 11–20–27; RSP2B No 33 / 07–18–26; RSP2I No 147 / 3–20–26		
Year registered	2021	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Engineering Studies, Road Safety Assessments, and Safety Effectiveness Evaluations		

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).
08/20 – Present	**I–10 / I–12 College Drive Flyover Design-Build, Baton Rouge, LA:** Traffic Engineer, Safety Analyst. Provided the safety analysis for the interchange modification report (IMR) and traffic management plan for the proposed changes to the merger between I–12 and I–10 in Baton Rouge.
06/22 – 10/24	**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.
02/19 – 03/20	**Retainer Contract for Safety Studies, District 07 Safety Investment Plan, 4400010504, Task Order No. H.013826.1.** Engineer Intern: Analyzed and compared safety countermeasures and analyzed crash history to determine potential improvements. Developed a priority list for future safety projects.
05/20 – 06/21	**Retainer Contract for Safety Studies, District 05 Safety Investment Plan, Ouachita Parish, LA (S.P. No. 44–10504, T.O. No. H.014295.1):** Project Manager, Traffic Engineer, Safety Analyst. Performed area wide safety screening to identify areas with high potential for safety improvements. Identified potential safety improvements to 76 locations including segments and intersections within LADOTD District 07. Prepared a ranked priority list of projects. Coordinated and led project meetings.
02/18 – 02/19	**Retainer Contract for Safety Studies, District 08 Safety Investment Plan, 4400010504, Task Order No. H.013264.1.** Engineer Intern, Safety Analyst. Identified potential safety improvements to seventy–two locations including both segments and intersections within LADOTD District 08. Developed an Excel based tool to perform benefit/cost comparisons of safety countermeasures. Prepared a ranked priority list of projects.
12/19 – 12/20	**US 80: Intersection at Bellevue Rd Stage 0/Feasibility Study (S.P. No. H.014044.1),** Engineer Intern: Performed traffic data collection, safety analysis, and traffic operational analysis.
01/17 – 04/19	**LA 385 Ryan Street Feasibility Study, Lake Charles, LA (S.P. No. 44–4402, T.O. No. H.012685.1),** Engineer Intern. Performed data collection, traffic engineering, and transportation planning services for a feasibility study to determine safety and operational improvements for approximately 1.8 miles of LA 365 in Lake Charles, LA. Services included traffic volume forecasts, intersection and segment analysis, alternative development, and identifying potential safety countermeasures.
02/17 – 02/18	**US 190 & US 171 Signal Timing Study (S.P. No. 44–4064, T.O. No. H.012686.5)** Engineer Intern: Provided traffic engineering services including both the development and implementation of traffic signal timing plans for ten signals in DeRidder, LA.
02/20 – 10/21	**I–59 at US 49 PEL Study, Forrest County, MS:** Traffic Engineer, Safety Analyst. Provided the safety analysis for both existing and future expected conditions. Assisted with traffic engineering services.
04/19 – 12/19	**District 07 Traffic Signal Timing Upgrade, Lake Charles, LA (S.P. No. 44–8851, T.O. No. H.012467.5):** Engineer Intern. Provided traffic engineering services to upgrade the signal timings and coordination at five intersections along LA 14.
03/19 – 11/19	**District 61 Traffic Signal Timing Upgrade, Baton Rouge, LA (S.P. No. 44–8851, T.O. No. H.011186.5):** Engineer Intern. Provided traffic engineering services to upgrade the signal timings and coordination at six intersections along US 61 / LA 408.

01/20 – 09/21	**Mississippi State University Master Plan Update, Mississippi State, MS:** Transportation Planner. Services included identifying improvements to existing circulation, identifying new beneficial connections, determining areas of parking need, identifying potential new parking locations.
02/21 – 09/21	**Transportation Plan for Starkville, Mississippi State University, and Oktibbeha County, Oktibbeha County, MS (S.P. No. SPR– 1(111) /17838 –110000, T.O. No. NS–P/E 2019–01):** Traffic Engineer, Transportation Planner. Provided a regional transportation plan to provide guidance to all governmental entities for a coordinated effort to improve traffic in the area. Services included traffic volume forecasts, intersection and segment analysis, and alternative development.
03/19 – 011/19	**District 08 Traffic Signal Timing Upgrade, Natchitoches, LA (S.P. No. 44–8851, T.O. No. H.011960.5):** Engineer Intern. Provided traffic engineering services to upgrade the signal timings and coordination at four intersections along LA 1 / LA 6.
9/21 – 04/22	**Retainer Contract for Safety Studies, District 61 Safety Study, LA (S.P. No. 44–10504, T.O. No. H.014684.1):** Safety Analyst. Performed area wide safety screening and crash analysis to identify areas with high potential for safety improvements. Identified potential safety improvements to 9 intersections within LADOTD District 61.
06/21 – Present	**District 6 Emergency Signal and ITS Repair, Hancock and Harrison Counties, MS:** Traffic Engineer. Performed signal inventories and prepared signal design sheets and quantity takeoffs.
09/20 – Present	**College Drive Enhancements ("MovEBR"):** Safety Analyst. Performed crash analysis along College Drive in the vicinity of I–10 to determine potential safety issues and develop safety improvement recommendations where feasible.
10/21 – Present	**Harding Boulevard at Interstate I–110 ("MovEBR"): Safety Analyst.** Performed crash analysis along Harding Boulevard in the vicinity of I–110 to determine potential safety issues and develop safety improvement recommendations where feasible.
01/17 – 05/17	**US 80 Traffic Control Signal Upgrade, Shreveport, LA (S.P. No. 4400004712, T.O. No. H.011733.5):** Engineer Intern. Prepared signal design sheets and signal timings for the upgrade of 20 signals along US 80.
12/17 – 06/18	**LA 1 / LA 3089 Signal Timing and Synchronization, Donaldsonville, LA ("MOVE ASCENSION"):** Engineer Intern. Provided traffic engineering services to upgrade the signal timings and coordination at six intersections along LA 1 / LA 3089 including updated signal design sheets.
Career History	Mr. Fulcher joined Neel–Schaffer, Inc. in 2017 after working as a graduate research/teaching assistant for the Mississippi State University Department of Civil and Environmental Engineering. Since joining NSI, he has provided a variety of traffic data collection and safety analysis studies and services. Mr. Fulcher has extensive experience in corridor and intersection safety studies. Through the evaluation of crash history, roadway geometrics, and traffic volumes, he evaluates a variety of safety improvements to provide a ranked list of safety improvements. He also has significant experience in traffic forecasting, modeling, and analysis using CORSIM, HCS, Vistro, Synchro, ISATe, IHSDM, and TruTraffic for corridor and intersection studies for both public and private clients. His experience includes traffic signal design, traffic signal coordination, traffic signal timing, traffic impact analyses, transportation planning, and transportation safety planning. Mr. Fulcher also holds a Road Safety Professional 2 Infrastructure (No. 147) and Behavioral (No. 33).

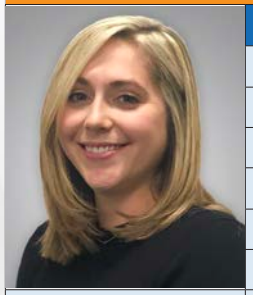
16. STAFF EXPERIENCE

Firm employed by Neel–Schaffer, Inc.					
Name	**Santosh Andem, PE, PTOE**			Years of experience with this firm/employer	14
Title	Senior Traffic Engineer			Years of experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization			B. Tech / 2003 / Civil Engineering; MS / 2006 / Civil Engineering		
Active registration number / state / expiration date			PE No. 36465 / LA / 03–31–2026; PTOE No. 3017		
Year registered	2011	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Engineering Studies, Road Safety Assessments, and Safety Effectiveness Evaluations		

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).
04/18 – 04/20	**Rees St (LA 328) Corridor Study**: This is a feasibility study of improving LA 328/Rees St. from Latiolais Dr. to Bridge St. Tasks completed include data collection, intersection/corridor analysis for existing and future conditions, field review observations, intersection and corridor safety analysis for No Build and existing conditions, forecasting future volumes and active participation in public meetings.
01/14 – 09/18	**Roundabout Stage 0 Studies, Lafayette Consolidated Government, Lafayette, LA**: This is a task order contract to conduct Stage 0 Feasibility Studies which evaluate constructability, safety, and operations of modern roundabout at 23 intersections. Tasks completed by Santosh include signal warrant analysis, crash analysis, spot speed data analysis, traffic analysis of existing and future volumes, forecasting future volumes using Lafayette Metropolitan Organization Travel Demand Model, and preparation of the report detailing the findings and recommendations.
04/18 – 06/23	**LA 1256 Corridor Study from Patton Street to Dave Dugas Road, Calcasieu Parish, LA**: This project involves widening of LA 1256 from Patton Street to Dave Dugas Road. Three Roundabout intersections are analyzed. Tasks completed by Santosh includes intersection and corridor safety analysis, data collection, roundabout analysis using SIDRA for existing and future volumes, writing technical memorandum documenting conclusions and recommendations.
07/21 – 08/21	**I–285 & SR400 Reconstruction Project, Atlanta, GA**: This project is in reference to I–285 & SR400 Reconstruction Project – Phase 5 Stage 1. Phase 5 considers the reduction of I–285 lanes to 3 per direction to be able to fully reconstruct three underpasses of the Interstate. Tasks completed by Santosh include developing VISSIM models, and preparation of tech memo detailing the study findings.
11/19 – 10/20	**I–24 Interchange at I–75 Interstate Access Request (IAR) Phase 2, Chattanooga, TN**: The project involves conducting an Interstate Access Request (IAR) at S Moore Road and Belvoir Avenue Interchanges. Tasks completed by Santosh include developing existing, No Build and Build (Phase 1 and Phase 2) VISSIM models for AM and PM.
01/22 – 10/22	**LA 92 Corridor Study, Youngsville, LA**: This purpose of this project is to develop and evaluate the improvements along the East Milton Avenue/Iberia Street Corridor that would improve the existing corridor traffic operations. Tasks completed by Santosh included spot speed data analysis, traffic analysis of existing and rerouted volumes using SIDRA and HCS software and developing report detailing findings and recommendations.
01/22 – 10/22	**Johnston Street from University Avenue to US 90/SE Evangeline Thruway, Lafayette Consolidated Government, Lafayette, LA**: The primary purpose of this study is to evaluate the feasibility of complete streets along Johnston Street from University Avenue to Southeast Evangeline Thruway to provide options for all users of transportation. Santosh worked on the traffic analysis of existing and rerouted volumes using Synchro, safety analysis and preparation of the report detailing study findings and recommendations.
10/13 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study:** Traffic Engineer, Santosh assisted in the development of future traffic forecast for the study using the CRPC Travel Demand model (TransCAD) and considered future interchanges at I–10 and LA 74 and LA 429.
05/14 – 03/16	**LA 73 Stage 0, Prairieville, LA – Traffic & Safety Study**: Traffic Engineer, Santosh assisted in the development of future traffic forecast for the study using the CRPC Travel Demand model (TransCAD) and considered future interchanges at I–10 and LA 74 and LA 429.

03/17 – 12/17	**I–210 Bridge Traffic Study, Calcasieu Parish, LA**: The purpose of this study is to analyze the impact of various alternatives related to the rehabilitation of I–210 Bridge over Prien Lake in Lake Charles, LA. Tasks performed by Santosh includes traffic analysis for base year and construction phase alternatives, matrix comparison of construction phase alternatives and developing report based detailing study findings and recommendations.
07/14 – 04/15	**I–10 Interchange at North Ambassador Caffery Parkway Stage 0 Feasibility Study, LADOTD, Lafayette, LA**: The purpose of this study is to provide operational, safety and capacity improvements to the I–10 at N. Ambassador Caffery Pkwy interchange and intersections within the influence area of the interchange as well as improve access for freeway traffic to adjacent arterials and vice versa. Tasks completed by Santosh include existing analysis, developing future intersection peak hour volumes using Lafayette MPO travel demand model, signal warrant analysis, capacity and LOS of study intersections, ramps, weaving sections and corridors using Synchro 8 and HCS 2010, and preparation of the report detailing the findings and recommendations. Project Engineer
03/12 – 04/12	**N. University Avenue (LA 182) Widening, Lafayette Consolidated Government, Lafayette, L**A: This project involves widening of University Avenue between I–10 and Pont des Mouton Road. Three roundabout geometry intersections are proposed. Tasks completed by Santosh include preparing a VISSIM model for build scenario, air quality analysis using MOVES 2010a and preparing air quality report documenting study findings.
10/12 – 01/13	**LA 935 (LA 431 to LA 22) Safety Study/Stage 0 Feasibility Study, LADOTD, Ascension Parish, LA**: This is a Safety Stage 0 Study. Tasks completed by Santosh included the identification of crash clusters, the review of hard copy police reports, determinization of the contributory causes and the development and evaluation of the effectiveness of proposed alternatives using IHSDM.
Career History	Santosh joined Neel–Schaffer in 2011. He serves as a senior traffic engineer/transportation planner for traffic impact studies, traffic simulation models, signal timing, local and regional travel demand models, corridor analysis, demographic forecasting, and other traffic engineering related projects for both public and private developments. He has extensive experience in traffic engineering which includes safety studies related to intersection/lane departure/pedestrian, signal warrant analysis, roadside hazard, fatal crash reviews, corridor analysis, qualitative assessment, signal timing, signal design traffic impact studies and traffic control. Santosh has experience in using Synchro/Sim Traffic, Highway Capacity Software (HCS), VISSIM, Tru–Traffic, AutoCAD, Microstation and SignCAD. Additionally, he has working knowledge of CORSIM and TransCAD. Santosh has completed DOTD's Traffic Engineering Process and Report (TEPR) training.

16. STAFF 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.
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 Neel-Schaffer, Inc.					
Name	**Colby Curtis, PE, CFM**			Years of experience with this firm/employer	2
Title	Project Engineer			Years of experience with other firm(s)/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 Engineer		
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.
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. 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	**Shane Seeger, EI**			Years of experience with this firm/employer	3
Title	Engineer Intern			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			BS / 2022 / Environmental Engineering;		
Active registration number / state / expiration date			EI No. 35169 / LA / 09/30/2026		
Year registered	2022	Discipline	n/a		
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).
06/24 – Ongoing	**Eden Isle Flood Risk Resiliency (PO-211), Slidell, LA:** In 2023, NSI was contracted by CPRA to develop a plan for implementing flood risk reduction for the Eden Isle community in Slidell, LA. The project goal was to provide recommendations for infrastructure or other measures to increase resiliency and reduce flooding risks for frequently occurring coastal storms. The current project phase focuses on alternatives and feasibility analysis of the proposed project features along Lakeview Drive, Grand Lagoon, and Harbor Drive. Mr. Seeger was responsible for developing proposed vertical and horizontal geometry for Lakeview Drive. He also prepared geometric layouts for road design features including turnarounds, medians, and driveways. Other activities include roadside drainage analysis.
12/24 – Ongoing	**Stennis Tech Park, Hancock County, MS:** NSI was selected by the Hancock County Port & Harbor Commission to provide comprehensive engineering services for the development of 10-acres at Stennis Tech Park, located within the Stennis International Airpark. The project includes private roads, as well as, site clearing and grubbing, earthwork and grading, stormwater drainage infrastructure, water and sewer utility extensions, and parking lot construction to support future commercial and industrial tenants. Mr. Seeger prepared the preliminary and final design packages for the private roadways, earthwork, and drainage features.
07/23 – 11/24	**DeSaix Bridge Replacement, New Orleans, LA:** The City of New Orleans Department of Public Works, City Park, and a 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, as well as provide improved and safe access for bicycles and pedestrians. NSI accommodated 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 provided arches like the existing bridge and decorative lighting was 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 required the coordination with the Sewerage and Water Board and US Army 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. Seeger has three years of experience and is an engineering intern at NSI. He has assisted with design and document preparation in the Coastal and Water Resources field. He works on projects including drainage, the design and implementation of habitat restoration, marsh creation, shoreline protection, hydrologic restoration, and flood protection in Coastal Louisiana.

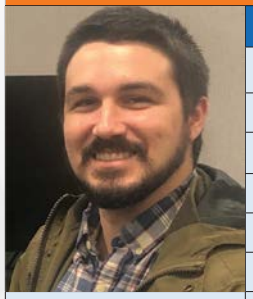
16. STAFF EXPERIENCE

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		

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, LA 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

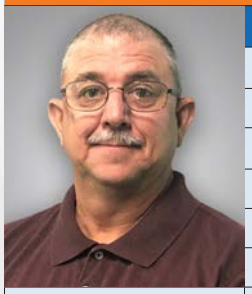


Firm employed by Neel-Schaffer, Inc.					
Name	**Seth Popay, EI**			Years of relevant experience with this employer	5
Title	Project Engineer			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2019 / Civil Engineering		
Active registration number / state / 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. 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 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) 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	**Lonny Territo**			Years of relevant experience with this employer	10
Title	Senior Technician			Years of relevant experience with other employer(s)	9
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			Public and Stakeholder Outreach		

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).
01/22 – Present	**Cargill Reserve Pedestrian Crossing Traffic Study Reserve, LA :** Performed traffic and pedestrian counts.
02/19 – 03/20	**District 07 Safety Investment Plan, DOTD District 07 (SPN 4400010504, Task No, H.013826.1):** Performed traffic counts and site visits to collect site conditions and photos.
12/17 – 03/19	**District 08 Safety Investment Plan, DOTD District 08(SPN 4400010504, Task No, H.013264.1):** Performed traffic counts and site visits to collect site conditions and photos.
05/15 – Present	**LA 328 Stage 0 Traffic & Safety Study**: Develop to traffic and safety analysis of the LA 328 in proximity to I–10 in St. Martin Parish. Performed traffic counts and, Breaux Bridge, LA: traffic controller downloads.
06/14 – Present	**Baton Rouge Computerized Signalization, Phases IV and V**: Performed traffic engineering, signal design and construction services in support of the City of Baton Rouge computerized signalization. Phase IV included 21 intersections and Phase VA included 23 intersections. Phase VB which is currently in the design phase includes 24 intersections. Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: LA 39, LA 46 & LA 47 Corridor Improvements (28 intersections):** Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, LA 39, LA 46 & LA 3021 Corridor Improvements (26 intersections):** Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: I–610, I–10, US 90 & LA 3021 Corridor Improvements (17 intersections)** (4400004829 Task Order H.011649.5) Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: US 90, US 61 & LA 611–9 Corridor Improvements (20 intersections):** Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: US 61 & LA 3154 Corridor Improvements (23 intersections)**: Performed traffic counts and traffic controller downloads.
08/14 – 08/17	**Retainer Contract for Traffic Signal Engineering, US 80 Traffic Control Signal Upgrades**: Provided signal design plans and signal timing plans at 20 intersections along US 80 in Shreveport, LA. Performed traffic counts and traffic controller downloads.
07/14 – 12/14	**Baton Rouge Computerized Signalization Phase VA**: Phase VA included 23 intersections, performed construction inspection in support of the City of Baton Rouge computerized traffic signal synchronization system. Performed construction inspection as the Resident Project Representative.

12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02: US 11, Slidell, LA (16 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02: LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, LA 44, Gonzales, LA (10 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, LA 19, Baker, LA (10 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14– 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, US 425, Vidalia/Ferriday, LA (11 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, LA 3124/LA 60/LA 10/LA 16, Bogalusa, Amite, Franklinton, Kentwood, Amite, LA (32 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
Career History	Lonny joined Neel–Schaffer in 2013 and has nearly 20 years of experience as a technician and resident project representative. He has provided construction inspection services and traffic counts and traffic controller downloads for a wide variety of projects, including intersection improvements and traffic studies.
Certifications	ATSSA – Traffic Control Supervisor ATSSA – Registered Flagger IMSA/FOA Certified Fiber Optic Technician IMSA – Work Zone Temporary Traffic Control Technician IMSA – Traffic Signal Inspector Level 1 IMSA – Traffic Signal Design/Engineering Level II IMSA – Traffic Signal Senior Field Technician Level III.

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. 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 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**; 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. Development of a master plan and designing 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 Neel-Schaffer'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 overseeing the Sewerage and Water Board of New Orleans' Sewer System Evaluation and Rehabilitation Program (SSERP). Responsibilities include overseeing all aspects of planning, design and construction administration. He was most recently Project Manager for the City of Bay Saint Louis Mississippi's FEMA utility replacement projects and the Sewerage and Water Board's (S&WB) 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 Neel-Schaffer, Inc.

Name	**Warren Huggins, PE**	Years of experience with this firm/employer	12
Title	Project Engineer	Years of experience with other firm(s)/employer(s)	12

Degree(s) / Years / Specialization			BS / 2012 / Civil Engineering
Active registration number / state / expiration date			PE No. 42443 / LA / 09-30-2026
Year registered	2018	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. 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 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) 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.
08/17 - Ongoing	**Neighborhood Sewer Systems Improvements – Package 6, Houston, TX:** Project Manager. Providing engineering services for the design, bidding, construction administration to rehabilitate aging sewer in 5 project areas in a Houston neighborhood. Sewer improvements include the replacement and rerouting 6,800 feet of 8”-10”, 3,000 feet of 15”-18” and 3,200 feet of 24” sanitary sewer. Most of the installation is designed to be constructed via trenchless technology by way of horizontal directional drilling and micro tunneling. The project also includes several water main segment replacements for constructability.

05/21 – Ongoing	**TM008 - Transmission Main and Water Main Replacement:** Project Manager for engineering design, bidding, construction administration and resident inspection services for an assortment of transmission, distribution water mains and sewer force main in several neighborhoods across New Orleans. The transmission main replacement includes 1,800 feet of 8”-12” distribution mains, over 750 feet of 20”-30” transmission mains, and over 500’ of 48” transmission main. The sanitary sewer force main replacement includes over 500’ of 30” force main and ties into a sewer pump station.
05/17 – 05/22	**RR104 - Lower Ninth Ward Northeast Group B – New Orleans, LA:** Project Manager. Providing engineering services for the design, bidding, construction administration and resident inspection to reconstruct 24 blocks in the Lower Ninth Ward Neighborhood. This full reconstruction includes full depth roadway construction, drainage replacement and improvements, water line replacement, sewer line replacement, handicap ramp improvements, sidewalk / driveway improvements, and drain line inspection and cleaning. The utility replacement consisted of over 10,000 feet of 8”-12” main line distribution and over 1,000 feet of 8”-12” sanitary sewer.
10/20 - Ongoing	**RR199 - West End Group G, New Orleans, LA:** Project Manager. Neel-Schaffer is providing engineering services for the design, bidding, construction administration and resident inspection to reconstruct 6 blocks in the West End Neighborhood. This full reconstruction includes full depth roadway construction, drainage replacement and improvements, water line replacement, sewer line replacement, handicap ramp improvements, sidewalk and driveway improvements. The utility replacement consisted of over 3,000 feet of 8”-12” main line distribution and over 1,300 feet of 8”-12” sanitary sewer.
08/12 – 08/15	**West St. Tammany Wastewater Treatment Consolidation, St. Tammany Parish, LA:** Project Engineer. Provide modeling and design services to consolidate wastewater treatment throughout west St. Tammany Parish (west of the Tchefuncte River and south of I-12) into its regional treatment facilities.
07/13 - 10/18	**Port of Gulfport Restoration Program – West Pier Construction Phases 1, 2, and 3, West Pier Facilities, Gulfport, MS:** Construction of over $160 million in port improvements including demolition, grading, storm drainage and site utilities, paving and roadway construction, electrical and site lighting, striping, railroad construction, transit shed, administration, and maintenance and repair buildings. Responsibilities include developing construction constraints and sequencing plans for all projects, design of some site utilities, and cost estimation duties.
01/17 – 02/19	**RR103 - Lower Ninth Ward Northeast Group A:** Project Engineer. Provided engineering services for the design, bidding, construction administration and resident inspection to repair and rehabilitate 82 blocks in the Lower Ninth Ward Neighborhood. This street rehabilitation project was part of the wave one Joint Infrastructure Recovery Roads program which is a comprehensive recovery strategy to repair Hurricane Katrina related damages on and beneath city managed streets throughout New Orleans. As the design consultant for the Department of Public Works, NSI coordinated with both the Sewerage and Water Board and FEMA throughout the scoping and design process.
05/20 - Ongoing	**RR125 - Mid-City Group B - Waterline Replacement, New Orleans, LA:** Project Manager provided design, construction administration and resident inspection for water line replacement on over 56 blocks located in the Mid-City Neighborhood. The waterline replacement consisted of over 25,000 feet of 8”-12” and 1,500 feet of 16”-20” main line distribution. This replacement project is 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).
02/18 - 10/21	**RR025 - City Park Water Line Replacement Program, New Orleans, LA:** Project Manager provided design, construction administration and resident inspection for water line replacement on 6 blocks located in the City Park Neighborhood. The water line replacement consisted of over 1,000 feet of 8”-12” and 800 feet of 16”-20” main line distribution. This replacement project is 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).
12/19 - Ongoing	**Safe Haven Blue Green Campus Master Plan, St. Tammany Parish, LA:** Project Manager. Development of a master plan and designing 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. Huggins has been in our New Orleans and Mandeville, LA offices since the fall of 2013. He designs and manages the construction of several FEMA – Funded Recovery Roads Program projects in New Orleans that include roadway reconstruction, ADA ramp improvements, water and sanitary sewer replacement and drainage improvements. Mr. Huggins previously joined our Ridgeland, MS office in the summer of 2012 for Neel-Schaffer, Inc.’s summer internship program. He’s assisted in other disciplines such as airport design and planning, site design, coastal restoration, and bridge replacement.

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 / 9-30-25; 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.

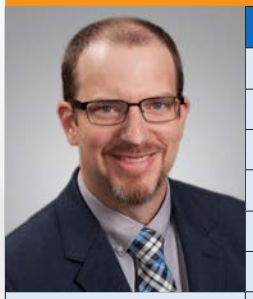
16. STAFF EXPERIENCE

Firm employed by					
Name	**Steven Hazen, PE**			Years of experience with this firm/employer	15
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, Bridge H&H/Scour		

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)**; 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.
02/22 – 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.

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.
01/04 – 09/05	**US 167 - Jackson Parish; Quitman, Lincoln Parish, LA**: Project Engineer responsible for improvements including widening existing 2-lane roadway to a 4-lane roadway with grassed median, performed hydraulic analysis of existing structures and prepared improvements to same and hydraulic design of slab span bridges and culverts for project. Use of HEC-RAS and LADOTD Hydraulics Programs as well as Louisiana Standard Specifications for Roads and Bridges as well as Louisiana DOTD 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.
02/96 – 03/97	**Clyde E. Fant Memorial Parkway – Northern Extension Phase IIIA/IIIB Bridge over Cross Bayou, Shreveport, LA**: Project Engineer. Design of bridge structures for 632 ft., 4-lane plus median structure across Cross Bayou and a 300 ft., 4-lane grade separation bridge with horizontal and vertical curve. Design utilized both the LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
01/87 – 01/89	**US 371 / US 84 Bridge over Red River at Coushatta, LA**: Project Engineer responsible for design of steel cross frames and lateral bracing for non-redundant steel plate girders, concrete approach piers designed to withstand barge impacts and voided concrete slab approach span design. Pier design included steel H-pile designed for barge impact and design of concrete tremie seals. Other work included detailing of miscellaneous steel items, quality control of drawings and review of shop drawings. Two designs were provided for the bridge: one being a concrete segmental bridge and the other a steel plate girder bridge. The 2 column approach bents were connected with concrete walls. The project was designed using both the LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.
01/83 – 12/85	**Boyce-Shreveport Highway; LA 490 to LA 119; Natchitoches Parish, I-49 Section 4**: Project Engineer. Assisted in the design of bridge structures at 3 grade separations and several stream crossing bridge structures for 3 rural segments of I-49. 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 highway and railway bridges, structural design for buildings, facilities, hydrological analysis and drainage design for projects.

16. STAFF EXPERIENCE



Firm employed by					
Name	**Mike Phillips, PE, CFM**			Years of experience with this firm/employer	22
Title	Hydrology & Hydraulics Engineer			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			BS / 2000 / Civil Engineering and Water Resources		
Active registration number / state / expiration date			PE No. 34600 / LA / 09-30-2025		
Year registered	2009	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Bridge H&H / Scour		

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).
01/09 – 09/10	**Tag Along Creek Drainage Analysis, St. Tammany Parish, LA:** Project Engineer responsible for performing an unsteady flow (EPA-SWMM 5) model of Tag Along Creek, a tributary to Bayou Lacombe, for the purpose of determining causes of residential and street flooding along Cloverland Drive and developing multiple alternatives to mitigate the flooding.
09/13 - 10/15	**Baldwin Beach Express, Baldwin County, AL:** Project engineer for hydraulic analysis and design of three dual bridge structures for a multi-lane divided highway connecting I-10 and I-65 on the east side of Baldwin County. Structures included a 1,032-foot bridge, a 631-foot bridge and a 178-foot bridge.
05/03 – 08/04	**Hydraulic Analyses of Multiple Bridge Replacements, West Tennessee:** Performed hydraulic analyses/designs of multiple new highway bridges/replacements and box culverts. HEC-RAS was used to model the existing and proposed bridges, and HEC-18 methodology was used to perform scour analyses.
06/09 – 08/10	**South Central Drainage Master Plan, St. Tammany Parish, LA:** Project Engineer responsible for performing detailed watershed analyses and hydrologic models for Bayou Lacombe and Bayou Castine watersheds north of I-12 (60 sq. mi. area). Conceptual engineering design was performed for seven proposed regional detention ponds, and utilization of an existing 60-acre borrow pit lake, to provide regional detention to accommodate future short-term (5-10 year) and long-term (10-20 year) development scenarios, while meeting Parish design requirements for future buildout within areas expected to experience significant growth. Detailed reports and cost estimates were prepared.
04/04 - 01/05	**Hydraulic Analysis of Rye Road Bridge Over Manatee River, Manatee County, FL:** Performed hydraulic and scour analysis of existing and proposed highway bridge. HEC-RAS was used to model existing and proposed bridges, and HEC-18/HEC-23 procedures were used to perform scour analysis and design scour countermeasures. Because the bridge was located in a FEMA Special Flood Hazard Area, the proposed bridge was designed to meet No-Rise criteria.
04/16 - 12/19	**GDOT FY16 Design-Build Bridges, Batch 4 and 5, South Georgia:** Performed hydraulic/scour analyses, designs, and H&H reports for multiple off-system bridge replacements using a Design-Build delivery method. Detailed hydraulic models were developed with HEC-RAS, scour analyses were conducted using HEC-18, and scour countermeasures were designed using HEC-23 procedures.
10/20 - Present	**SCDOT Scour Critical Assessment and Management Program, Statewide, SC:** Senior Project Manager. Neel-Schaffer was selected to perform Bridge Scour Inspections, develop Scour Calculations/Reports, and develop Plans of Action for bridges throughout the state of South Carolina. Mr. Phillips was part of NSI field crew, consisting of hydraulic engineers from our Columbia (SC), Atlanta (GA), and Nashville (TN) offices, who performed Bridge Scour Inspections across the state for over 250 bridges. Mr. Phillips is responsible for coordinating with 25 hydraulic and structural engineers across the company to provide Scour Calculations/Reports and Plans of Action for over 250 bridge sites, along with being the client point of contact.

04/21 – Present	**City of Mandeville Wetlands Restoration, Mandeville, LA:** Lead Hydraulic Engineer responsible for hydrologic and hydraulic modeling. Existing canals south of Galvez Street and east of Massena Street were modeled and alternatives were developed to divert canal flows via a complex weir structure through the proposed cypress wetlands at various storm levels. Multiple options for horizontal alignment and cross-sectional geometry of proposed channels through the wetlands were designed, as well as a public walking trail through the wetland area. Hydraulic designs were provided for two pedestrian bridges over the main canals connecting to Lake Pontchartrain.
01/17 - Present	**City of Hendersonville (TN) Drakes Creek Road Improvements - From Stop Thirty Road to SR 386: P**roject Engineer. Hydrologic and hydraulic analysis of the existing and proposed bridge crossing at Drakes Creek. USGS Regression Equations were used to compute the design discharges, and HEC-RAS software was used to analyze the existing (undersized) bridge and proposed three-span bridge. A floodplain and floodway model was developed, which was submitted to FEMA in support of a Conditional Letter of Map Revision application.
06/16 – 07/17	**Billie Road Improvements, Seminole Tribe, Glades County, FL:** Stormwater Engineer. Provided stormwater services for the design and permitting assistance of roadway and drainage improvements for 1.3 miles of roadway at the Seminole Brighton Reservation in Glades County. The project location is in close proximity to Lake Okeechobee and experiences seasonal flooding for periods of time throughout the year making access to homes and businesses difficult and dangerous. Roadways and properties in the area flood when the interconnected wetlands fill up and overflow. For this reason, off-site drainage analysis using ICPR stormwater modeling software was performed to model the drainage characteristics of the project area. This information was used to establish the base flood elevation for finished road grade design and improvements to the drainage system to improve access for residents and control the effects of seasonal flooding. This project required coordination with the Corps of Engineers, South Florida Water Management District and the Seminole Tribe of Florida Public Works.
03/01 – 05/02	**Arkansas River Navigation Study, Little Rock, AR:** Project Engineer responsible for developing backwater profiles for current operating conditions of eight sections/pools of the Arkansas River for the USACE Little Rock District. The client requested conversion of previously produced LRD-1 (Little Rock District Backwater Program) models to HEC-RAS format and updating with channel and bridge survey data. Raw LiDAR (Light Detection and Ranging) data was provided by the district. LiDAR data was processed/filtered and converted to digital elevation models (DEMs) for each pool studied using ArcGIS software. These DEMs were used to generate additional cross sections at critical bends in the river to supplement the survey data and refine the models. Models were calibrated to match published tail water rating curves within specified confidence limits. GIS shapefiles of flood inundation areas were generated for multiple frequency floods. The floodplain shapefiles were overlaid on digital USGS quad maps and aerial photos to verify accuracy. These shapefiles were accepted and utilized by the Little Rock District for planning purposes.
Career History	Mike has extensive experience performing complex and large-scale hydrologic & hydraulic modeling and scour analysis for bridges, box culverts, and flood control infrastructure improvement designs for federal, state, municipal, and private clients. He has completed these services for multiple states including LADOTD. He has managed and performed on-call contracts consisting of complex analyses for DOTs in Alabama, Georgia, and Tennessee, and the US Army Corps of Engineers Mike has performed numerous high-profile FEMA Flood Insurance Study Updates and Map Revisions for municipalities and private clients. He is very familiar with FEMA National Flood Insurance Program Regulations; and he is an ASFPM Certified Floodplain Manager. Mike is proficient in the latest hydrologic & hydraulic computer models, including GIS-based applications for hydraulics & hydrology (steady and unsteady, 1D and 2D flow).

16. STAFF EXPERIENCE

Firm employed by					
Name	**Brian Adams, PE, SE, CBI**			Years of experience with this firm/employer	1+
Title	Senior Structural Engineer			Years of experience with other firm(s)/employer(s)	22
Degree(s) / Years / Specialization			BS / 2001/ Agricultural Engineering		
Active registration number / state / expiration date			PE No. 0048729 / LA / 09-30-2026		
Year registered	2024	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road & Bridge Layouts and Cost Estimates, Feasibility Study, Report, and Checklists		

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 - 01/23	**GDOT SR 81 over Dried Indian Creek, Newton County, GA (PI #0013751):** Project Manager. As part of a bridge bundle contract, this project provides concept, preliminary, and final engineering design for a bridge replacement. The project replaced an existing single-span concrete arch bridge built in 1914 with a single-span, prestressed concrete bridge on concrete abutments on the existing alignment. The bridge incorporates post tensioned arch fascia girders to mimic the existing arch. Context Sensitive Design ensured mitigation of impacts to the downtown Covington Historic District. Brian monitored scope, schedule, and budget; managed a team of in-house designers and specialty subconsultants; and ensured all milestones are met.
01/20 - 01/23	**GDOT SR 212 over Lake Jackson, Newton and Jasper Counties, GA (PI#0013603):** Project Manager. As part of a bridge bundle contract, this project provides concept, preliminary, and final engineering design for a bridge replacement. The project replaced an existing five-span steel bridge built in 1964 with a five-span, prestressed concrete bridge on concrete intermediate bents on an offset alignment. The bridge crosses a recreational lake and is adjacent to multiple residences. Early coordination with Georgia Power and public involvement were critical in successful delivery of this project. Brian monitored scope, schedule, and budget; managed a team of in-house designers and specialty subconsultants; and ensured all milestones were met.
06/16 - 04/17	**GDOT FY16 Design-Build Bridge Replacements Batch 3, Statewide, GA (PI #0014176):** Lead Bridge Engineer for project that provided design and construction for the replacement of six bridges at various locations in Georgia. The scope of services included roadway and bridge design, hydraulic and hydrological studies, bridge foundation studies, bridge removal and replacement, utility coordination and relocation, drainage, retaining walls, erosion control and environmental permitting. Each site presented its own set of unique challenges, from limited right of way, horizontal/vertical alignments, environmentally sensitive areas, utility conflicts, work zone access, adjacent property owners, and protected species. Brian was responsible for bridge design. He led the design team to overcome the unique site challenges by developing innovative solutions such as beam sizes/spacing, bent locations, modifying the horizontal/vertical alignments, avoiding utility conflicts, crane placement, and using innovative construction methods. He coordinated with the roadway team for bridge geometry verification, ensured that the bridge design was properly integrated with the bridge hydraulic analysis, and coordinated with the geotechnical engineering team for development of all foundation solutions. Brian provided technical direction and oversight, and he took responsibility for completion of the design and production of the drawings. He ensured quality control efforts were maintained in accordance with the QA Plan. Brian verified the design for constructability, including consideration of anticipated staged construction under traffic.
06/20 - 04/23	**FDOT District 4 SR 9 (I-95) Express Lanes Phase 3C Design-Build, Bridge 26 Pier 9 Straddle Bent Retrofit, District 4, Broward County, FL:** Engineer of Record for this bridge as part of Phase 3C of FDOT’s overall Phase 3 implementation of express lanes along the I-95 corridor within Broward and Palm Beach Counties. ‘95 Express’ is a limited access express lane facility that runs adjacent to the I-95 general use lanes. The construction limits extend for a total distance of approximately 9 miles along I-95. The project includes two miles of improvements along I-595; direct connections between northbound and southbound 95 Express Lanes and I-595 to and from the west; and the painting of 17 existing steel bridges within the I-95/SR 84 and I-95/I-595 Interchanges. The interchange with I-595 contains Bridge 26, for which H&L was selected to design the straddle bent retrofit for Pier 9. Bridge 26 is a long, horizontally curved, Category 2 steel box girder bridge, and Pier 9 must be replaced due to the future ramp configuration of I-595 EB. As EOR, Brian was in charge of all aspects of designing the post-tensioned, integral straddle bent at Pier 9. He reviewed all design plans, made final design decisions, and ensured all milestones were met.

01/02 - 05/04	**5th Runway/Taxiway Design-Build, Hartsfield-Jackson Atlanta (GA) International Airport:** Assistant Project Manager and Lead Bridge Engineer. This project provided conceptual, preliminary, and final design of all structural elements of two bridges and retaining walls for this unique project to provide an additional 9,000-foot runway at Atlanta's airport. One of the two new bridges carries the new 5th Runway and the other carries Taxiway "U" over 10 lanes of existing Interstate 285. The parallel taxiway bridge is comprised of 764 specially designed, prestressed concrete beams carrying aircraft loads of over 1.3 million pounds. This bridge also contained post-tensioned diaphragms and edge beams to help distribute the high concentrated wheel loads. Brian led the bridge design team. He provided technical direction and oversight, coordinated with subconsultants, ensured all deadlines were met, and assisted with quality control goals. He was responsible for completion of the design and production of the drawings, as well as shop drawing review and approval. Brian's technical tasks included a grillage analysis of the cast-in-place deck to determine distribution of the highly concentrated aircraft wheel loads. He also performed 3D finite element analysis of the post-tensioned diaphragms and edge beams as well as the intermediate wall bents.
06/16 - 10/19	**ALDOT Construction Engineering for I-20/I-59 at I-65 (CBD Phase II Project), Birmingham, AL:** Engineer of Record for this project that included the modifications of the I-20/I-59 at I-65 interchange as part of the Phase II of the Central Business District Bridges Replacement. These modifications include the construction of multiple ramps and bridges that include curved continuous steel plate girder bridge units and continuous steel beam bridge widenings. The construction engineering included all analysis and design necessary to provide erection plans for the following steel units: Bridge 6A: 185'-191'-165' span arrangement, 1023' radius of curvature, 68" webs, Bridge 8: 100'-120'-100' span arrangement, 1331' radius of curvature, 68°-63°-60°-60° Bent skews, 40" webs, Bridge 9A: widening, 49'-83'-48' span arrangement, splayed W30x211, Bridge 9 Unit 1: 140'-180'-140' span arrangement, 1143' radius of curvature, 60" webs, Bridge 9 Unit 2: 140'-180'-140' span arrangement, 1143' radius of curvature, 60" webs, Bridge 9 Unit 3: 150'-210'-150' span arrangement, 1143' radius of curvature, 80" webs, Bridge 9 Unit 4: 180'-260'-180' span arrangement, 1143' radius of curvature, 86" webs, Bridge 13: widening, 92'-165'-156' span arrangement, 60°-60°-60°-60° Bent skews, 48" webs, Bridge 14: 252'-252'-300' span arrangement, 831' radius of curvature, 110" webs, Bridge 15 Unit 1: 200'-200' span arrangement, tangent, 84" webs, Bridge 15 Unit 2: 200'-245'-195' span arrangement, 753' radius of curvature, 84" webs, Bridge 17: widening, 195'-195' span arrangement, 78°-78°-78° Bent skews, 63" webs, Bridge 27 Unit 1: 120'-160'-120' span arrangement, 488' radius of curvature, 66" webs, Bridge 27 Unit 1: 120'-160'-120' span arrangement, 488' radius of curvature, 66" webs The erection analysis and design were performed in accordance with Engineering for Structural Stability in Bridge Construction – FHWA-NHI-15-044, 2015. Brian worked with the contractor to develop erection sequences and crane locations that met all site and maintenance of traffic constraints. He developed analysis and design procedures for determining steel piece pick points, for evaluating girder stability during picking, for evaluating global and local unit geometry for each stage of erection, for accounting for locked in forces due to cross-frame misfit due to detailing for total dead load fit, for specifying temporary support elevations and evaluating the resulting temporary support loads, for evaluating temporary and final girder stresses and for evaluating temporary and final cross-frame forces. These procedures utilized UT Lift and UT Bridge by the University of Texas Ferguson Structural Laboratory, CSiBridge by Computers and Structures, and manual calculations.
Career History	Brian brought 21 years of impressive bridge design experience and a deep familiarity of the structural practices and approaches used by multiple Departments of Transportation throughout the Southeast. Brian has completed a series of notable bridge design and bridge construction QA/QC projects for various transportation departments. He has contributed to bridge and roadway projects for the Georgia DOT, the Florida DOT, the Alabama DOT, and numerous municipalities and counties. Additionally, he played a pivotal role in projects at many major international airports, including Atlanta, Orlando, Tampa, and Ft Lauderdale. One of the early highlights of Brian's career was his work on the Design-Build project of the famed 5th Runway bridge at the Hartsfield-Jackson Atlanta International Airport. The 9,000-foot runway features a bridge spanning 10 lanes of Interstate 285. He managed and served as Lead Designer for the airport's SkyTrain and various related buildings and managed and served as Engineer of Record for Design-Build projects for the Automated People Movers at both Orlando International Airport and Tampa International Airport. In addition to holding Professional Engineer registrations in Georgia and 12 other states, Brian is a Registered Professional Structural Engineer in Georgia and Utah. He is also a Certified Bridge Inspector.

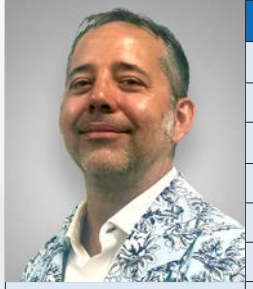
16. STAFF EXPERIENCE

Firm employed by Neel-Schaffer, Inc.					
Name	**Phil Graves, PE**			Years of relevant experience with this employer	3
Title	Senior Project Manager			Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering		
Active registration number / state / expiration date			PE No. 29640 / LA / 09-30-2025		
Year registered	2001	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Construction Support		

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).
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Performed Constructability and Biddability reviews of the plans. Preliminary and final road design.
09/22 – Present	**E. Milton Ave. Roundabout Widening and Corridor Improvements, Youngsville, LA**: Constructability and Biddability reviews. Project includes line and grade tasks (establish design criteria, develop typical sections, horizontal geometry, vertical geometry), preliminary and final plans for a 1.1-mile project at 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. Preliminary and final road design.
02/22 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA**: NSI is designing 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) Constructability and Biddability reviews. Preliminary and final road design.
10/09 – 04/12	**I-55 Rehabilitation, Tangipahoa Parish, LA**: Area Engineer. As Area Engineer helped oversee four separate projects that rubblized and overlaid Interstate 55 from US 51 (Morrison Boulevard) to the Mississippi state line. The rubblization process is a complex technique that breaks existing concrete into small pieces, creating a better base for the asphalt overlay.
02/15 – 02/16	**I-12 Interchange Improvements, Tangipahoa Parish, LA**: Area Engineer. Converted the conventional signalized on/off ramps of I-12 at US 51-X to roundabout configurations (two total) and installed a roundabout at the intersection of US 51-X and Club Deluxe Road.
02/15 – 04/16	**LA 637 (W. 10th Street) Widening Project, St. John the Baptist Parish, LA**: Area Engineer. Provided widening services for LA 637 from US 61 (W. Airline Hwy) to LA 44 (River Road, including new subsurface drainage system.
11/10 – 11/11 08/16 – 08/17 10/19 – 05/22	**Safety Cable Barrier Installation Projects, Tangipahoa, St. John the Baptist, and Livingston Parishes, LA**: Area Engineer. Area Engineer for three separate projects that installed safety cable barriers along I-12, I-10, and I-55 in Tangipahoa, St. John the Baptist, and Livingston parishes.
01-03 – 12/04	**LA 964 Widening, East Baton Rouge Parish, LA**: Project Engineer. Project Engineer for this project that reconstructed and realigned LA 964 from US 61 (Scenic Hwy) to LA 64 (Church Street).
08/02 – 12/04	**Intelligent Transportation Systems (ITS), Phases 1 and 2, East Baton Rouge Parish, LA**: Project Engineer. Project Engineer for two separate projects that installed ITS devices, fiber, and buildings and tied it in to the Transportation Management Center (TMC).

03/05 – 06/06	**US 61 (Airline Hwy) Intersection Improvements, East Baton Rouge Parish, LA**: Project Engineer. Project Engineer for this intersection conversion project. Converted the conventional 4-way signalized intersection to a Continuous Flow Intersection (CFI) at LA 3246 (Siegen Lane).
08/06 – 08/07	**LA 19 (Main Street) Widening Project, East Baton Rouge Parish, LA**: Project Engineer. Project Engineer for project to widen LA 19 from Lavey Lane to Wimbish Drive.
03/06 – 03/07	**US 61 (Airline Hwy) Widening Project, East Baton Rouge Parish, LA**: Project Engineer. Widened US 61 from LA 73 (Jefferson Hwy) to US 190 (Florida Blvd).
12/06 – 01/09	**LA 946 (Joor Road) Widening, East Baton Rouge Parish, LA**: Project Engineer. Project Engineer for this project to reconstruct and realign LA 946 from Mickens Road to LA 408 (Hooper Road), including the construction of a new bridge over the Comite River
Career History	Mr. Graves joined Neel-Schaffer in 2022 and serves as a Senior Project Manager based in the firm's Baton Rouge (LA) office. Phil joined Neel-Schaffer shortly after retiring from the Louisiana Department of Transportation and Development after 25 years of service, the last 13 as the District 62 Area Engineer in Livingston and St. Helena parishes. He will be a part of Neel-Schaffer's Louisiana Transportation Department, providing quality assessment/quality control and constructability reviews. He will also help the firm expand and develop its Construction Engineering and Inspection services throughout Louisiana in both the Transportation and Water Resources sectors. Phil has extensive experience in laboratory sampling and testing, roadway and bridge construction oversight and management, roadway and bridge maintenance management, roadway structure design, and roadway preservation management

16. STAFF EXPERIENCE

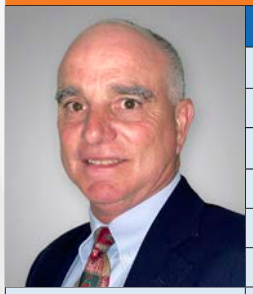


Firm employed by Neel-Schaffer, Inc.					
Name	**Gary LeBlanc, PE**			Years of relevant experience with this employer	3
Title	Project Engineer			Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization			BS / 1994 / Civil Engineering		
Active registration number / state / 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 round-about 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)**; 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 multilane roundabout to pro-vide 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 Green-wood 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 joined Neel-Schaffer in 2022 as a serve as a Transportation Project Manager based in the Baton Rouge office. He has almost 30 years of experience, with 28 of those years at LADOTD, where his most recent role was a Design Development Engineer Manager.

16. STAFF EXPERIENCE



Firm employed by Neel-Schaffer, Inc.					
Name	**Ronald Kirk Gallien, PE, PTOE**			Years of experience with this firm/employer	3
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 / 09-30-2025; 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 Civil Design & Construction, Inc. (CD&C)				
Name	**Karla E. Weston, PE**		Years of experience with this firm/employer	20
Title	President		Years of experience with other firm(s)/employer(s)	6
Degree(s) / Years / Specialization		BS / 1999 / Civil Engineering		
Active registration number / state / expiration date		PE No. 31010 / LA / 03-31-2026		
Year registered	2004	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Survey Principal		

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

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Chris Ballard, PLS**			Years of experience with this firm/employer	9
Title	Survey Manager			Years of experience with other firm(s)/employer(s)	19
Degree(s) / Years / Specialization			BS / 2004 / Biological Science		
Active registration number / state / expiration date			PLS No. 5033 / LA / 09-30-2026		
Year registered	2010	Discipline	Surveyor		
Contract role(s) / brief description of responsibilities			Survey Project Manager, **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).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Ballard is the Survey Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge at LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Ballard is the Survey Manager for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19-09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:** Mr. Ballard is the Survey Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.
01/17-12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:** In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
Career History	Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project stays on schedule, aid in both crew coordination and office production, and provide final QC on the firm's deliverable to the Prime Consultant. Mr. Ballard has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Madison Mills, PLS**			Years of experience with this firm/employer	4
Title	Survey Project Manager			Years of experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization			BS / 2016/ Civil Engineering		
Active registration number / state / expiration date			PLS No. 5293 / LA / 03-31-2026		
Year registered	2022	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities			Survey		

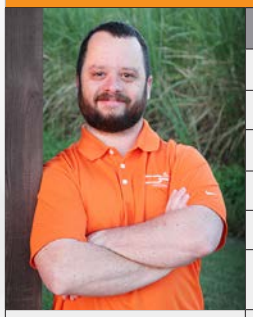
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	H.015619.5 LA 106: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	H.015056 - LA 685: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	H.012027.5 I-20 UPPR: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordination and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
Career History	Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Chancey Cothren, LSI**			Years of experience with this firm/employer	1
Title	Land Survey Intern			Years of experience with other firm(s)/employer(s)	2
Degree(s) / Years / Specialization			BS / 2023 / Geomatics		
Active registration number / state / expiration date			LSI No. 766 / LA / 03-31-2026		
Year registered	2023	Discipline	Land Surveying Intern		
Contract role(s) / brief description of responsibilities			Land Surveying Intern		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
6/23 – 8/23	**LA-22:** Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
8/23 – 10/23	**I-10 / LA-44:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
11/23 – 12/23	**Gause Blvd / EI-10 Service Road:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Staton. Project was completed to LADOTD Location and Survey Standards and practices.
8/22-9/22	**USACE: Mississippi river hydrographic survey:** Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV’s.
8/23 – 8/23	**USACE: Mississippi river revetment restoration:** Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.
6/23 – 8/23	**LA-22:** Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
Career History	Mr. Cothern is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables.

16. STAFF EXPERIENCE



Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Bradley Jacobs, EI**			Years of experience with this firm/employer	3
Title	Survey Technician			Years of experience with other firm(s)/employer(s)	9
Degree(s) / Years / Specialization			BS / 2015 / Civil Engineering		
Active registration number / state / expiration date			PE No. 32456 / LA / 09-30-2025		
Year registered	2015	Discipline	Engineering Intern		
Contract role(s) / brief description of responsibilities			Survey Technician		

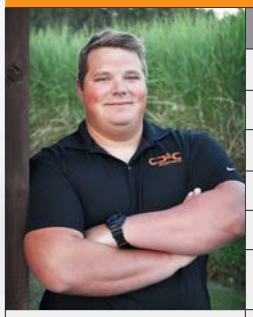
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 - 12/23	**H.012618 LA 347 Drainage Improvements:** Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices
05/23 – 08/23	**H.015056 - LA 685:** Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Jacobs served as s the Survey Technician for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordination and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
Career History	Mr. Jacobs serves as a Survey Technician and will process field crew data and finalize deliverables.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Scott Benton**			Years of experience with this firm/employer	7
Title	Survey Project Manager / Remote Sensing Technician			Years of experience with other firm(s)/employer(s)	5
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			Survey		

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).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 - 12/23	**H.012618 LA 347 Drainage Improvements:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordination and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Benton served as the firm’s lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
Career History	Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.

16. STAFF EXPERIENCE



Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Jacob Stoehr**			Years of experience with this firm/employer	9
Title	Senior Survey Party Chief			Years of experience with other firm(s)/employer(s)	1.5
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			Senior Survey Party Chief		

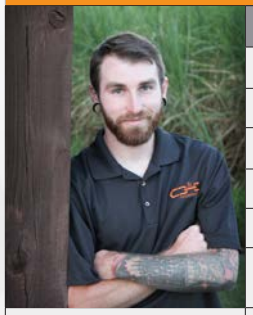
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027 I 20: Union Pacific RR Overpass:** Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:** Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18 - 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/18	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes
Career History	Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Drennon Humphreys**			Years of experience with this firm/employer	4
Title	Survey Party Chief			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			High School Diploma		
Active registration number / state / expiration date			n/a		
Year registered	n/a	Discipline	n/a		
Contract role(s) / brief description of responsibilities			Survey Party Chief		

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).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
01/18 - 01/20	**H.015058 - LA 14 Business:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
07/17-12/18	**H.012027.5 - I-20 UPPR:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
Career History	Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.

16. STAFF EXPERIENCE



Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Alex Wells**			Years of experience with this firm/employer	5
Title	Survey Party Chief			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			High School Diploma		
Active registration number / state / expiration date			n/a		
Year registered	n/a	Discipline	n/a		
Contract role(s) / brief description of responsibilities			Survey Party Chief		

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).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
Career History	Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Hunter Smith**			Years of experience with this firm/employer	3
Title	Survey Party Chief			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			High School Diploma		
Active registration number / state / expiration date			n/a		
Year registered	n/a	Discipline	n/a		
Contract role(s) / brief description of responsibilities			Survey Party Chief		

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).
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish:** Mr. Smith served as an Instrument Man for this project. He helped collect topographic data in the field utilizing LADOTD Field Codes.
Career History	Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Clarence J. Goodspeed**			Years of experience with this firm/employer	3
Title	SUE Manager			Years of experience with other firm(s)/employer(s)	30
Degree(s) / Years / Specialization			High School Diploma		
Active registration number / state / expiration date			n/a		
Year registered	n/a	Discipline	n/a		
Contract role(s) / brief description of responsibilities			SUE Manager		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/23 – Present	**College Drive (MoveBR):** Mr. Goodspeed serves as the firm’s SUE Manager for the project. This project includes full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QL-D to QL-B level accuracy. An official SUE submittal was not required for this project. The final submittal is following standards set forth by the City/Parish government for EBR.
12/24 – 04/25	**H.014824.5 LA 317 - Wax Lake B:** Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.
10/24 – 01/25	**H.015849 US 190 R Cuts at LA741:** Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.
03/23 – 12/23	**MSY Campus Wide Sewer Location:** Mr. Goodspeed serves as the firms SUE PM for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it’s sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.
01/24 – 03/24	**RN Nuccio Rd SUE:** Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring:** Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
05/23 – 06-23	**Burbank at Pelican Lakes:** Mr. Goodspeed served as the firm's SUE Manager on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QL-C.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Goodspeed served as the firm’s SUE Manager for this project working to provide Utility Coordination and Utility mapping. Mr. Goodspeed worked with the local utility companies to locate their assets as much as possible. In instances where the utilities did not locate, Mr. Goodspeed secured as-built/record drawings and directed SUE field crews for the marking of those particular assets so that a topography survey could be completed. Mr. Goodspeed also served as a QC Check for all the utilities located by the survey crews and SUE Crew.
Career History	Mr. Goodspeed has 30 years’ experience in underground utilities. He has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.

16. STAFF EXPERIENCE

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	**Tracey 'Tray' Smith**			Years of experience with this firm/employer	3
Title	SUE Field Coordinator			Years of experience with other firm(s)/employer(s)	24
Degree(s) / Years / Specialization			High School Diploma		
Active registration number / state / expiration date			n/a		
Year registered	n/a	Discipline	n/a		
Contract role(s) / brief description of responsibilities			SUE Manager		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/23 – Present	**College Drive (MoveBR):** Mr. Smith serves as the SUE Field Chief for the project. This project included full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QLD to QLB level accuracy. An official SUE submittal was not required for this project. The final submittal was following standards set forth by the City/Parish government for EBR.
05/23 – 06-23	**Burbank at Pelican Lakes:** Mr. Smith served as the SUE Field Chief on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QLD.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Smith served as the SUE Field Chief for this project. Mr. Smith worked with the local utility companies. In instances where the utilities did not locate, Mr. Smith assisted in securing as-built/record drawings. Mr. Smith marked those assets so that a complete topography survey could be completed.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
01/24 – 03/24	**RN Nuccio Rd SUE:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
05/23 – 06-23	**H.011833.5 St. Mary Street Sidewalks; Scott, LA:** Mr. Smith served as the firms SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
Career History	Mr. Smith has over 24 years' experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.

Neel-Schaffer has a long history of providing various services like those included in this advertisement to DOTD through retainer/IDIQ type contracts including the IDIQ Contract for Design services.

700-99-0332	Retainer Contract for Traffic Signal Study and Design (2004-2010)
700-99-0447	Retainer Contract for Traffic Signal Study and Design (2009 – 2013)
4400000691	Retainer Contract for Signal Timing Studies, Districts 61, 62 & 02 (2010-2014)
4400001777	Retainer Contract for Signal Timing Studies, Statewide (2010 – 2014)
4400001583	Retainer Contract for Safety Studies, Statewide (2012 – 2015)
4400002630	Retainer Contract for Traffic Engineering (2012-2015)
4400004064	Retainer Contract for Traffic Engineering (2014 – 2017)
4400004402	Retainer Contract for Safety Studies, Statewide (2014 – 2017)
4400004712	Retainer Contract for Traffic Signal Engineering (2014 – 2017)
4400004829	Retainer Contract for District 02 Traffic Signal Inventory (2014 – 2017)
4400004909	Retainer Contract for Stage 0 Studies, Statewide (2014 – 2017)
4400008851	Retainer Contract for Traffic Signal Engineering (2016 – 2019)
4400010504	Retainer Contract for Safety Studies, Statewide (2017 – 2022)
4400013850	IDIQ Contract for Design of Safety Projects, Districts 02, 61 & 62 (2019 – 2024)
4400015258	IDIQ Contract for Stage 0 Studies (2019 – 2024)
4400016364	IDIQ Contract for ITS Design and Implementation Services, Statewide (2020 - 2025)
4400023689	IDIQ Contract for Safety Studies, Statewide (2022 – 2027)
4400024927	**IDIQ Contracts for Roadway Design Services (2023 – 2028) ***
4400025299	IDIQ Contracts for Traffic Engineering (2023 - 2028)
** Exact same services as Contract No. 4400032781*	

Section **17**

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES

SAME SCOPE AS THIS IDIQ CONTRACT

17. FIRM EXPERIENCE

Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Road, Planning
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.

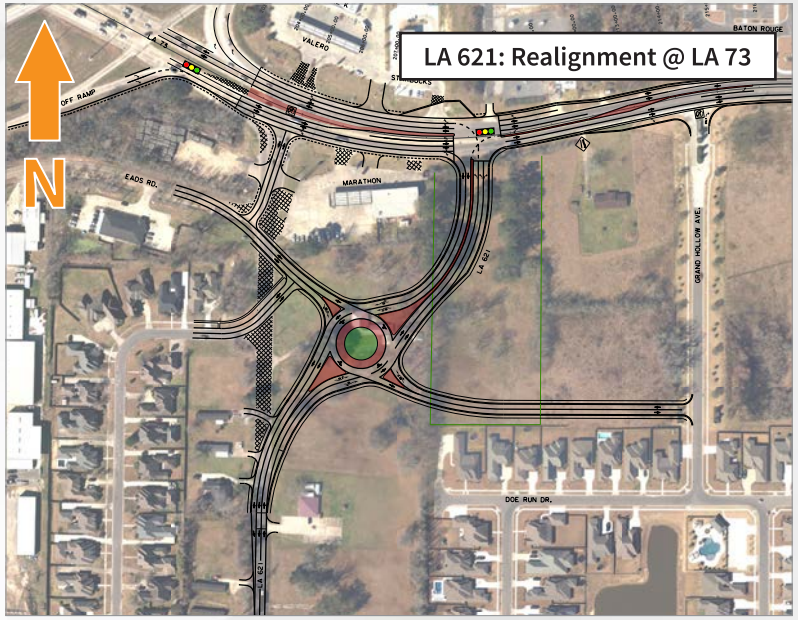
2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366); This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, 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) 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



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.

Project Relevance:

- ✓ Preliminary and Final Plans
- ✓ Highway Design
- ✓ Plan Quality Assurance
- ✓ Includes Safety Improvements
- ✓ Safety improvements
- ✓ Traffic Analysis and Safety Analysis

SIMILAR SCOPE TO THIS IDIQ CONTRACT

17. FIRM EXPERIENCE

Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Road
Project name	**LA 1026 (Juban Rd) Widening (I-12 to US 190)**	Firm responsibility (prime or sub?)	Prime
Project number	H.004634	Owner's name	Livingston Parish / LADOTD
Project location	Livingston Parish, LA	Owner's Project Manager	Peggy Paine, PE
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804 | 225.379.1065 | peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	08/12	Total consultant contract cost ($1,000's)	$877
Services completed by this firm (mm/yy)	03/19	Cost of consultant services provided by this firm ($1,000's)	$877

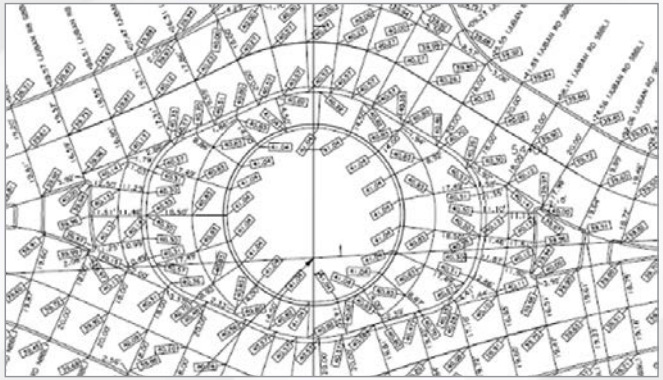
NSI was selected as prime consultant to complete the preliminary and final roadway plans, hydraulic analysis and design, construction cost estimates, and construction support. The project includes three multilane roundabouts and will widen existing LA 1026 (Juban Road), an Urban Arterial roadway, from an existing two-lane road with side ditches to a four-lane Blvd with storm sewer drainage, roadside ditches and a combination of both along select segments of the roadway. The intersection of LA 1026 (Juban Road)/US 190 (Florida Blvd) will be improved with a roundabout in this project. *The images below show how the Sequence of Construction considered the joint layouts during construction phasing. The bottom image shows the overall project in concept form. Project is currently under construction.*

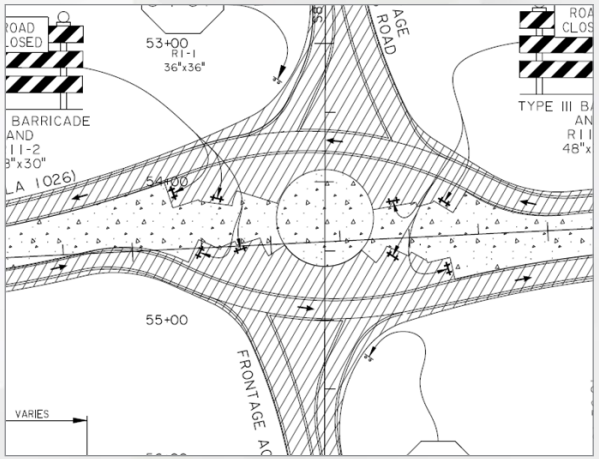
Project Challenge/Solution: The project was let as two design packages which required roadway design (horizontal and vertical alignments) and drainage designed to work for both phases; Interim build and full build conditions.

Firm Members: Dishili Young, Chance Shuckrow, Scott Andrepont, Charles Adams, Josh Schexnider

Project Relevance:

- ✓ DOTD project
- ✓ Similar SOW
- ✓ Design to DOTD guidelines
- ✓ DOTD review and approval
- ✓ No lane closures or detours





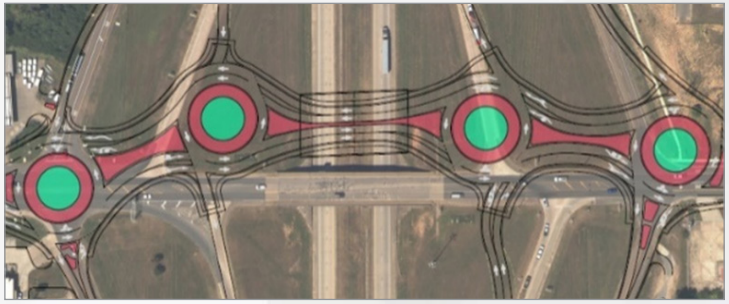
This project begins at the intersection of LA 1026 (Juban Road) and the I-12 north interchange ramps and continues to the intersection of LA 1026 (Juban Road) and US 190 (Florida Blvd) and ends approximately 2,000 feet east and west along US 190 (Florida Blvd) from the intersection of LA 1026 (Juban Road).

SIMILAR SCOPE TO THIS IDIQ CONTRACT

17. FIRM EXPERIENCE

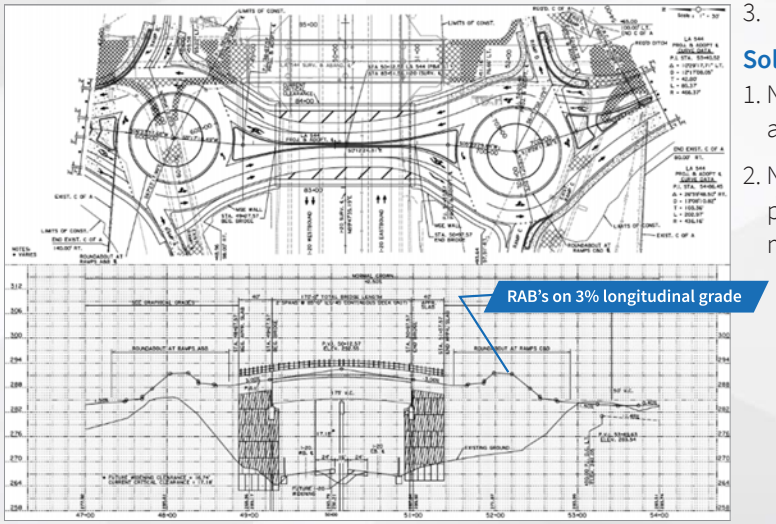
Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Traffic, Road
Project name	**I-20: LA 544 Overpass Replacement**	Firm responsibility (prime or sub?)	Prime
Project number	H.010616	Owner's name	LADOTD
Project location	Lincoln Parish, LA	Owner's Project Manager	Jacob Fusilier, PE
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804 | 225.379.1185 | jacob.fusilier@la.gov		
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost ($1,000's)	$858
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$858

NSI is currently working on the 95% final plans for this project. NSI is responsible for providing the preliminary and final roadway plans, traffic control design QA/QC, TMP and signal design QA, Sequence of Construction, hydraulic analysis and design, and MOT which maintains access to properties during construction. This project will replace the LA 544 Overpass diamond interchange with a roundabout diamond interchange. The project includes four multilane roundabouts (two entrance/exit ramps at 3% grade), a new bridge over I-20, roadway improvements to I-20 and the ramps, and roadway widening (from 2 to 4 lanes) along LA 544 an urban atrial roadway. The bridge design and retaining wall design will be completed by DOTD.



Challenges:

1. Multilane roundabouts on 3% longitudinal grade, in high fill, partially on bridge & open to traffic.
2. Large grade changes required along ramps without impacts to the gores.
3. Structural design by DOTD while roadway design is completed by consultants.



Solutions:

1. NSI designed 65 pages of 13 phased construction with models to consider each phase and final joint layout and elevations.
2. NSI provided for a variation in the ramp design speed (between the ramp proper and terminal) which provided ramp vertical alignments that met the design requirements but prevented changes in access that might require an IMR.
3. NSI completed the design in close coordination with DOTD early on and continually during the design process. NSI proposed alignments minimized the construction phasing for retainage walls, provided for interstate clearances which would allow for future interstate widening and provided desirable bridge phasing while minimizing impacts. NSI and DOTD are working as one team to successfully complete the project.

Project Relevance:

- ✓ DOTD project
- ✓ Traffic and road design
- ✓ Intersection improvements
- ✓ Design to DOTD guidelines
- ✓ DOTD review and approval

Firm Members: Dishili Young, Chance Shuckrow, Scott Andrepont, Josh Schexnider, Frank Standige, Jacob Thiaville

SIMILAR SCOPE TO THIS IDIQ CONTRACT

17. FIRM EXPERIENCE

Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Traffic, Road
Project name	**LA 73 Turn Lanes**	Firm responsibility (prime or sub?)	Prime
Project number	MA-18-03	Owner's name	Ascension Parish Government
Project location	Ascension Parish, LA	Owner's Project Manager	Michael Enlow
Owner's address, phone, email	42077 Churchpoint Road, Gonzales, LA 70737 225-450-1326 menlow@apgov.us		
Services commenced by this firm (mm/yy)	05/18	Total consultant contract cost ($1,000's)	$331
Services completed by this firm (mm/yy)	03/20	Cost of consultant services provided by this firm ($1,000's)	$331

NSI was selected as prime consultant to complete traffic and safety analysis, conceptual design, preliminary and final roadway plans, traffic control design, hydraulic analysis and design, utility coordination, construction cost estimates, and construction support for two intersections along LA 73. NSI completed a safety analysis for these intersections by reviewing crash reports for years 2014-2016 and checking them for accuracy. NSI created crash diagrams, calculated the crash rate, completed a conflict points analysis, and calculated the combined crash modification factor. As part of the stage 3 services NSI developed construction plans in accordance with LADOTD standards and guidelines for the turn lanes on LA 73, Oakland Rd. and Brown Rd. The work includes pavement widening of an existing two-lane roadway, pavement patching and overlay, box culvert extension and cross-drain extension, storm sewer and open ditch design, sequence of construction, pavement striping and signing. The project was designed to stay within the existing right-of-way to minimize cost and time from right-of-way acquisition on LA 73.

Tasks completed for this project include:

Topo Survey

Data Collection, Traffic and Safety Analysis – 48hr counts, AM and PM peak TMC, queue and peak hour observations, turn lane analysis and review of 3 years of crash data.

Traffic Control Design - completed following LADOTD guidelines

Preliminary and Final Roadway Design, Plan Development, Cost Estimates and Hydraulic Analysis and Design – H&H analysis was completed for the proposed roadway drainage systems and the double barrel box culvert which drains Welsh Gully, utilizing LADOTD Hydrawin software. Developed roadway plans following LADOTD design guidelines for left and right turn lanes on LA 73 and local roads.

Construction Support – Responded to RFIs

Project Challenge Solved:

Completing safety, operations improvements within limited ROW, without utility conflicts and with bridge constraints in accordance to DOTD requirements.

Firm Members: Ellen Howard, Dishili Young, Chance Shuckrow, Scott Andrepont, Josh Schexnider, Steve Perault

Project Relevance:

- ✓ SOW identical
- ✓ Design to DOTD guidelines
- ✓ DOTD review and approval
- ✓ Intersection improvements
- ✓ No lane closures or detours

SIMILAR SCOPE TO THIS IDIQ CONTRACT

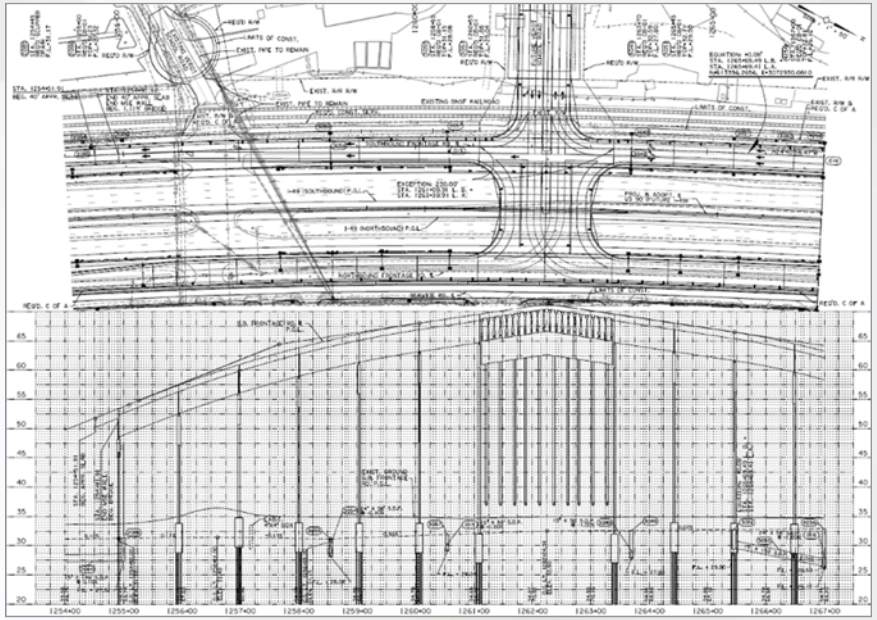
17. FIRM EXPERIENCE

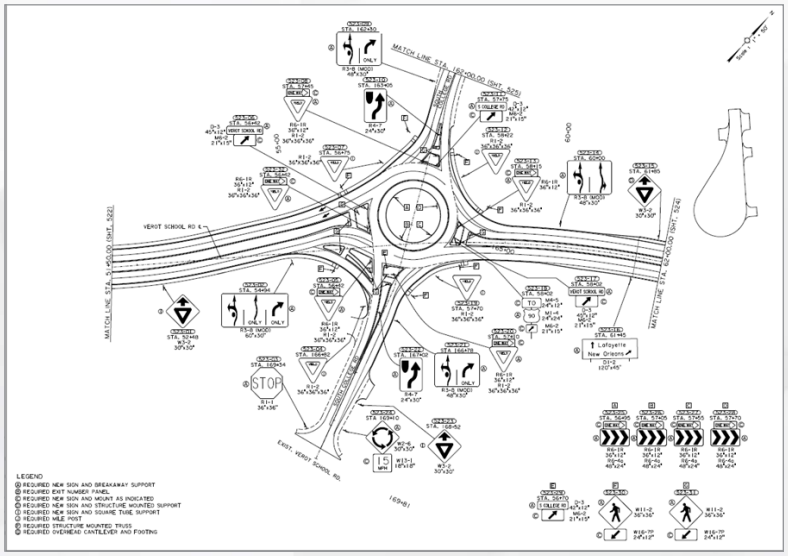
Firm Name	**Neel-Schaffer, Inc.**	Discipline(s)*	Road
Project name	**I-49 South at Verot School Road**	Firm responsibility (prime or sub?)	Sub
Project number	H.011235.5	Owner's name	LADOTD
Project location	Lafayette Parish, LA	Owner's Project Manager	Corey Landry, PE
Owner's address, phone, email	1202 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	**Civil Design & Construction, Inc. (CD&C)**	Discipline(s)*	Survey
Project name	**Verot School Road**	Firm responsibility (prime or sub?)	Sub
Project number	H.011235	Owner's name	LADOTD
Project location	Lafayette, LA	Owner's Project Manager	Thomas Gattle (Huval & Assoc.)
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 70507; 337-234-3798; tgattle@huvalassoc.com		
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost ($1,000's)	n/a
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$435

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

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

Firm Members: Karla Weston, PE; Christopher Ballard, PLS Survey PM; Madison Mills, PLS, Surveyor; Jacob Stoehr, Party Chief; Scott Benton, 3D Scan Technician

17. FIRM EXPERIENCE

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

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

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

Firm Members: Karla Weston, PE; Madison Mills, PLS; Brad Jacobs, EI; Chancey Cothren LSI; Scott Benton; CJ Goodspeed; Jake Stoehr; Drennon Humphreys; Alex Wells; Hunter Smith

17. FIRM EXPERIENCE

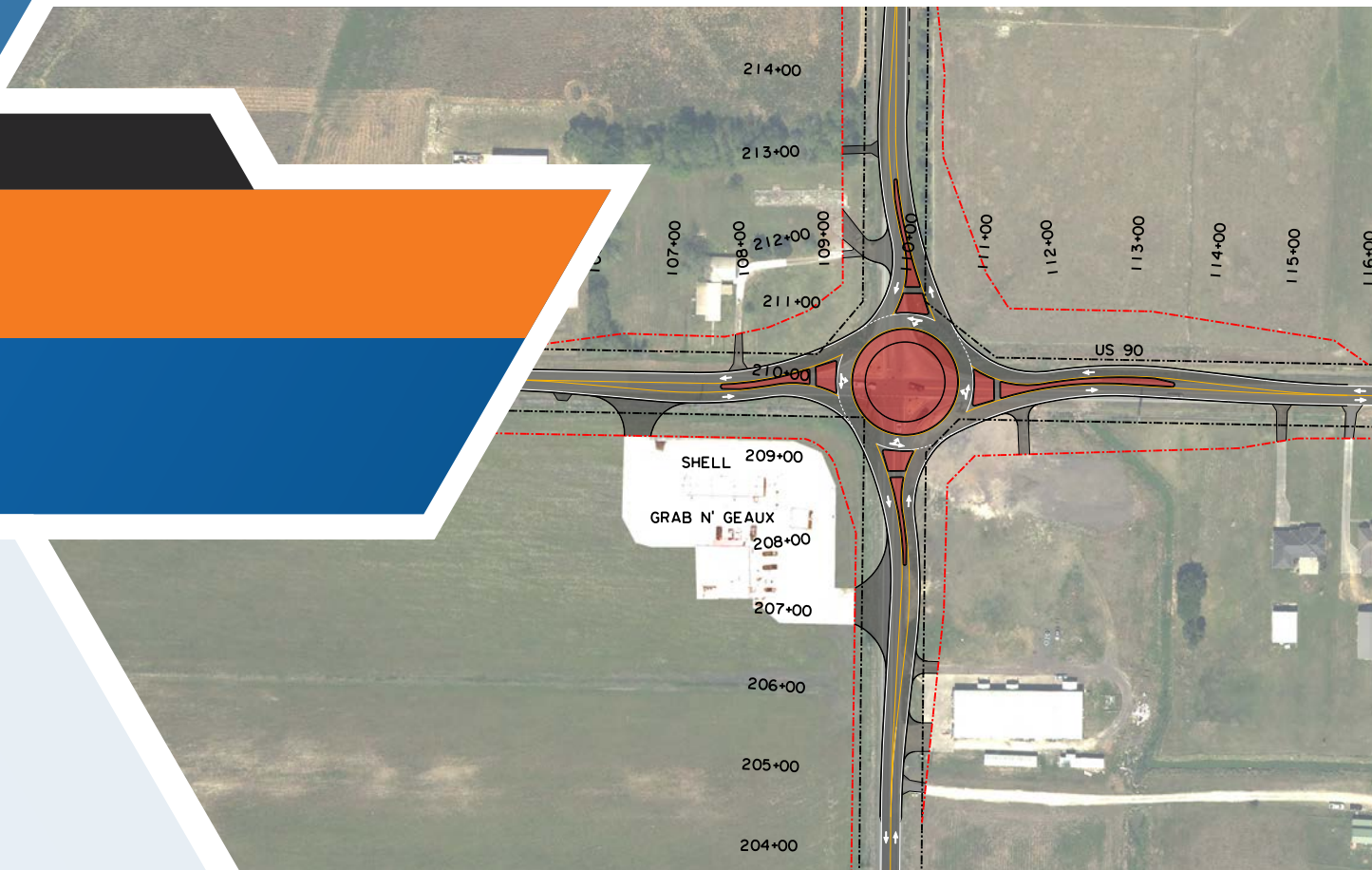
Firm Name	**Civil Design & Construction, Inc. (CD&C)**	Discipline(s)*	Survey
Project name	**US 190 R Cuts at LA741**	Firm responsibility (prime or sub?)	Sub
Project number	H.015849	Owner's name	LADOTD
Project location	St. Landry Parish, Port Barre, LA	Owner's Project Manager	Adam Fields (Stanley Consultants)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

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

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

Firm Members: Karla Weston, PE; Madison Mills, PLS; Brad Jacobs, EI; Chancey Cothren LSI; Scott Benton; CJ Goodspeed; Jake Stoehr; Drennon Humphreys; Alex Wells; Hunter Smith

NSI is already providing all the services included in this IDIQ for DOTD through our existing IDIQ Contract for Design Services and our larger contracted projects. The image to the upper right shows a constructed project which included tasks similar to this contract. The image to the lower right shows a public meeting exhibit for one of the existing design projects which includes drainage, road, sanitary sewer, H&H and drainage detention design.



Section 18

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES

18. APPROACH & METHODOLOGY:

PROJECT BACKGROUND

This IDIQ contract for roadway design services includes preservation projects, safety projects, and turn lanes. Based on a meeting between NSI and District 61 staff, this IDIQ can also include roundabouts. These projects may involve structural details to fit the proposed improvements in the existing environment and available right-of-way. These projects may also require utility design when infrastructure such as effluent lines are present within the project limits. We are already providing these services for our existing IDIQ Contract for Road Design Services and look forward to continuing to help DOTD move additional Task Orders forward under this contract.

We have already met with District 61 to evaluate their specific needs for this IDIQ contract, and we have assembled a team with proven experience preforming each of these tasks for DOTD. However, you don't have to take our word for it. We welcome you to review our performance reviews located in this section from DOTD PMs, instead.

APPROACH AND METHODOLOGY

In the sections that follow, we have outlined an all-inclusive approach to completing the project, which is ideal for complex project types. NSI understands that the complexity of task order projects varies. Consequently, we are prepared to offer a more project specific approach which removes select submittal stages, for simple projects. We also can expedite project delivery as needed. We have experience utilizing these approaches for past DOTD projects which involve both the Headquarters and the District. This approach will allow for an expedited project schedule and efficient use of the DOTD reviewer's time. We also have a proven history of successfully partnering with DOTD to overcome challenges with solutions that effectively move projects forward.

DOTD Performance Review Quote: "The consultant managed the project very effectively. The consultant worked very closely with the DOTD project manager in every step of the process. They have followed the project scope and individual tasks, planned the project process based on the schedule. The consultant has always kept good communication with DOTD and other stakeholders."

Project Kickoff Meeting: NSI will attend the kick-off meeting where the project background, communication protocols, project schedule and submittal stages will be discussed and design criteria (to include assumptions, factors, loads, limit states and governing elements for bridge barrier rails, bridge hydraulics, guard rail, bearings, joints, approach slabs and deck drainage) will be presented where applicable. This meeting provides an opportunity to confirm the expectations of all attendees and obtain/request existing information which may not have been previously provided to the consultant. When properly conducted, this meeting can prevent issues as the project advances and helps to streamline the project schedule.

DOTD Performance Review Quote: NSI "effectively and proactively controlled the Contract. When additional scope was added to the contract, the consultant coordinated effectively with the Department's project manager to identify critical path tasks. The consultant completed these tasks in a timeframe which allowed the scheduled letting date to remain unaffected even with the increased scope."

Prior to the Kickoff meeting NSI will provide the project manager with a draft version of the schedule for review and approval. The approved schedule will be presented at the kick-off meeting. In addition, a list of anticipated deliverable items based on submittal stages will be provided to attendees. A portion of the anticipated deliverable items, from a prior NSI project is provided in Figure 1.

Figure 1: Portion of an example Plan Submittal Stages Document

Utilized for kickoff meetings

Subject to change based on specific Task Order requirements

Milestone	Recipient	Roadway Tasks Required
30% Preliminary Plans	Pavement & Geotechnical Section Utility Sections Traffic Development Section	**Plan Sheets** Title Sheet Project Layout Maps Typical Sections and Detail Sheets Plan and Profile Sheets **Report Submittals** LADOTD Design Report
60% Preliminary Plans	Road Design Bridge Design Traffic Development Pavement & Geotechnical Section: Soil Borings, Probings, Sub-grade Soil Survey, pH & Resistivity Hydraulics Section Location & Survey: Begin Property Survey & Base Right-of-Way Maps Environmental Initiation Utility Sections Real Estate Review	**Plan Sheets: Updated 30% Submittal Plus** Title Sheet Typical Section and Detail Sheets Plan and Profile Sheets Drainage Map Sheets Reference Points & B.M. Elevation Sheets Drainage Map Sheets Geometric Control Sheets Geometric Layout and Detail Sheets Subgrade Soil Survey Sheets Miscellaneous Sheets Cross-Sections **Report Submittals** Hydraulic and Drainage Design

Site Visit & Study of Existing Data: NSI will conduct an initial site visit to determine the existing site conditions, obtain utility data, and determine potential constraints which are not apparent with aerial imagery or street view. Things like the posted speed, and potential sight distance issues will also be documented.

Survey Services: If requested, our team will complete the surveying services, including existing drainage mapping. We will obtain the numbered field survey books from DOTD and submit a survey line sketch for review and approval. The topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the DOTD Location and Survey Manual including typical surveying methods as applied by DOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The DOTD feature table code list and symbols shall be utilized in accordance with the latest edition of the survey feature code guidebook produced by the DOTD Location and Survey Section and Automation.

18. APPROACH & METHODOLOGY:

Existing Data Review: While the topographic survey is being completed, we will complete a review of the existing data (if available) such as-built plans, existing studies, prior design plans, shop drawings and structure maintenance records.

NSI will review the existing geometry, traffic data, utility data and any other available data to transition the design to the preliminary design phase. NSI will obtain LiDAR data and determine the apparent ROW limits. This information will allow the project to advance while the topographic survey and right-of-way data is being obtained.

Preliminary Plans: Our ***traffic control and signal design*** will use DOTD's EDSM VI.1.1.2 Intersection Control Evaluation (ICE) Requirements to determine if a full access intersection is the preferred alternative and if Warrant 1A (100%), Eight-Hour Vehicular Volume or Warrant 7, Crash Experience, are met in accordance with the requirements outlined in the latest version of the Manual on Uniform Traffic Control Devices (MUTCD). If a full access signalized intersection is required, the traffic signal will be designed in accordance with DOTD's Traffic Signal Manual V3 (7-1-2020), standard specifications and standard details. The traffic signal plans will use DOTD's Traffic Signal Inventory Construction Plan V3.2 form for developing the plans. We will evaluate the latest 3-5 years of crash data to identify trends in crashes. Crash reports will be read and analyzed including a QA to a Quality Assurance of 90%. In addition, collision diagrams will be prepared as needed.

DOTD Performance Review Quote: deliverables were prepared per the Traffic Engineering Process and Report (TEPR) and were delivered on time, were clear and concise. The consultant responded to all questions and comments before moving forward and kept the project on track. Consultant worked well with local entity and entity contractors to incorporate future corridor modifications not originally anticipated in the task order scope.

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, AASHTO Roadside Design Guidelines, DOTD Pavement PRR Design Guidelines, Guidance for Preservation Rehabilitation Replacement Projects, and the Pavement Preservation Manual. 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) or OpenRoads designer 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.

> *We are already delivering a DOTD pavement preservation project using OpenRoads Designer and are able to provide projects in either InRoads or OpenRoads for DOTD.*

DOTD Performance Review Quote: "The consultant showed good knowledge of DOTD policies and manuals. The consultant responded to all comments received. Their plans were well thought through, clear, and accurate. The consultant displayed good judgment when resolving design issues throughout the preliminary plan development and acted promptly to resolve issues as they arose."

This image shows a constructed project completed by NSI which included similar tasks as this contract.

Our ***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). If a major crossing is within the project limits, we will utilize HEC-RAS to model the water surface profiles. We will pull FEMA flood maps to determine if the project is within the 100yr floodplain and if required we have the capability of completing a no-rise analysis.

DOTD Performance Review Quote: "Consultant provided a quality set of final plans in conformance with DOTD drafting procedures and standard formats. Consultant used knowledge of hydrology and hydraulic design to design of the subsurface drainage system. Preliminary and final plans included proper sheets appropriate to the project with legible and comprehensive details. Plan review comments were well documented and appropriately addressed with written responses. Project plans went through review with only minor formatting comments that needed to be addressed."

Most projects will not require ***bridge design***. However, if bridge design is required, our bridge design will follow the AASHTO LRFD Bridge Design Specifications, LADOTD Bridge Design and Evaluation Manual, LADOTD Bridge Design Technical Memoranda and other pertinent design guidance. If superelevation is required near bridge ends or on the bridges. The Neel-Schaffer design team will ensure that both roadway and bridge design teams communicate early and often in the design process to resolve any discrepancies and competing demands of roadway geometry and superelevation to bridge geometrics and constraints, especially in superelevation transitions or runouts. The result of these discussions, the design criteria and early geometric layout will be the Type, Size and Location (TS&L) submittal of the bridge structure, characterized in report format including any structure alternatives which are feasible and a recommended TS&L. The bridge design team will coordinate with the

18. APPROACH & METHODOLOGY:

geotechnical engineers early to have borings taken and logs completed, submitted, and approved prior to the completion of preliminary bridge plans. The bridge hydraulic and scour analyses will be completed in accordance with current FEMA, FHWA, and DOTD design policies and in accordance with applicable Parish Flood Ordinances. The NSI team will aim to design these bridge crossings to achieve a "No-Rise/No-Impact" Certification, when applicable.

Should a public meeting be required as part of our contract, NSI will provide DOTD with all public meeting exhibits for the design, create a PowerPoint presentation, handouts, comment forms, secure the venue, and conduct the meeting. Typically, select DOTD staff members will also attend, such as the DOTD PM, DOTD real estate (if there are takings), and DOTD environmental. We will also create the advertisement, publish it in the local paper, and provide draft versions of all meeting materials in time for DOTD review. We suggest that the public meetings take place during the 30% preliminary phase prior to drainage design (if applicable). This allows the public to see DOTD approved geometry and prevents rework for the drainage design if a NEPA alternative is realized from public input.

Our staff has conducted numerous public meetings for DOTD while utilizing exhibits we created. We understand that the presentation for public meeting exhibits greatly differ from the presentation of design plans. Our exhibits are aesthetically pleasing while conveying the design elements in a way that the public can easily follow. This is key to obtaining meaningful public input and obtaining community support. NSI has developed VISSIM models as part of the several past DOTD projects which display the roundabout operations and operations of complex interchanges such as DDI's.

DOTD will obtain the environmental clearances and obtain any required permits. NSI will provide all required supporting documents (including but not limited to) permit drawings, such as 404 permits, which typically are letter size and should be produced separately from design plans due to the difference in scale. Should DOTD desire, we also have the ability to provide full environmental services including obtaining environmental clearances as we have for some past DOTD projects.

30% Preliminary Plans (if required): We understand that the required deliverables vary based on project complexity. We will provide 30% Preliminary Plans (if required) however, if the project managers agree, for the less complex projects, we will proceed with the development of 60% preliminary plans for the initial submittal, instead. This will expedite the schedule and provide an efficient use of DOTD review staff time/effort.

When a 30% preliminary submittal is desired, it will include the title sheet, typical sections and roadway plan and profile sheets with existing topography shown. Typical Section: The typical section sheets will consist of the typical grading and finished sections. They will depict all major geometric features and dimensions such as, but not limited to the following: lane width, shoulder width, curb, pavement cross slopes, clear zone, backslope, foreslope, sidewalk/path, pavement markings, ROW, CL, PGL. Plan and Profile sheets: The plan and profile sheets will include annotation of the vertical and horizontal geometry including, but not limited to the following: existing groundline, proposed horizontal and vertical curve data and longitudinal grades.

DOTD Performance Review Quote: "Consultant worked well with the city to optimize the project layout in available right of way. The consultant worked independently to resolve issues minimizing unnecessary involvement of the Department. Overall performance was positive. Consultant staff was easy to work with. Construction completed without any change orders related to design errors."

60% Preliminary Plans: Our 60% preliminary plan set will include all the sheets previously submitted during 30% preliminary plans but at a higher level of detail. In addition, the existing drainage map,

This image shows a constructed project completed by NSI which included similar tasks as this contract.

proposed drainage map, drainage plan and profiles, geometric details, cross sections, preliminary design report, construction notes and details and the drainage report will be submitted at the 60% preliminary plan milestone. This phase typically begins the utility relocation recommendation phase, establishment of preliminary right-of-way takings (if applicable). We will refine the geometry submitted during the 30% Preliminary Plan submittal to address comments and model the corridor utilizing Power InRoads (SS2) and the topo dtm file. The pavement section provided by DOTD will be utilized to create InRoads templates and check for the required construction and hydraulic clearances. The drainage design and report will be completed during this phase. Our drainage design will comply with the DOTD Hydraulics Manual and will utilize DOTD's HYDRWIN software. The roadway drainage system will be designed utilizing the rational method for a 10-year design storm.

95% Preliminary Plans and Plan-In-Hand (PIH): The 95% Preliminary Plan submittal will include all of the sheets previously submitted but in more detail. If bridge design is required, all bridge plan sheets continue to be developed with the addition of the pile loads if a standard plan bridge is being utilized. If the bridge is non-standard, pile load development will begin in Final Plans. This submittal will include the traffic signal plans (if applicable). The traffic signal plans will consist of the proposed signal equipment layout sheets and proposed signal phasing and timing based on the intersection geometry. This will include signal pole locations, power source location, traffic control cabinet/control, vehicular and pedestrian signal heads, and vehicle detection.

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. Should a PIH meeting be requested, we will attend and summarize comments.

18. APPROACH & METHODOLOGY:

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 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 60% preliminary plan submittal in addition to the Summary sheets and Construction notes for review. Property surveys will be required and Right-of-way maps will be prepared so that the joint plan review meeting can be held. If updates are required to the Design Report, they will be submitted at this time. If applicable, superelevation diagrams will be reviewed again against bridge geometry, bent and deck elevations as well as a review of the Inroads model by the bridge design team to ensure the bridge bent and deck elevations are consistent with the roadway geometry, superelevation and transitions. Final Bridge Plans will include the development of plans and details for the substructure and superstructure including bent details, span details, approach slabs, pile loads & tables, joint and bearing details, bridge barrier rails and guardrail.

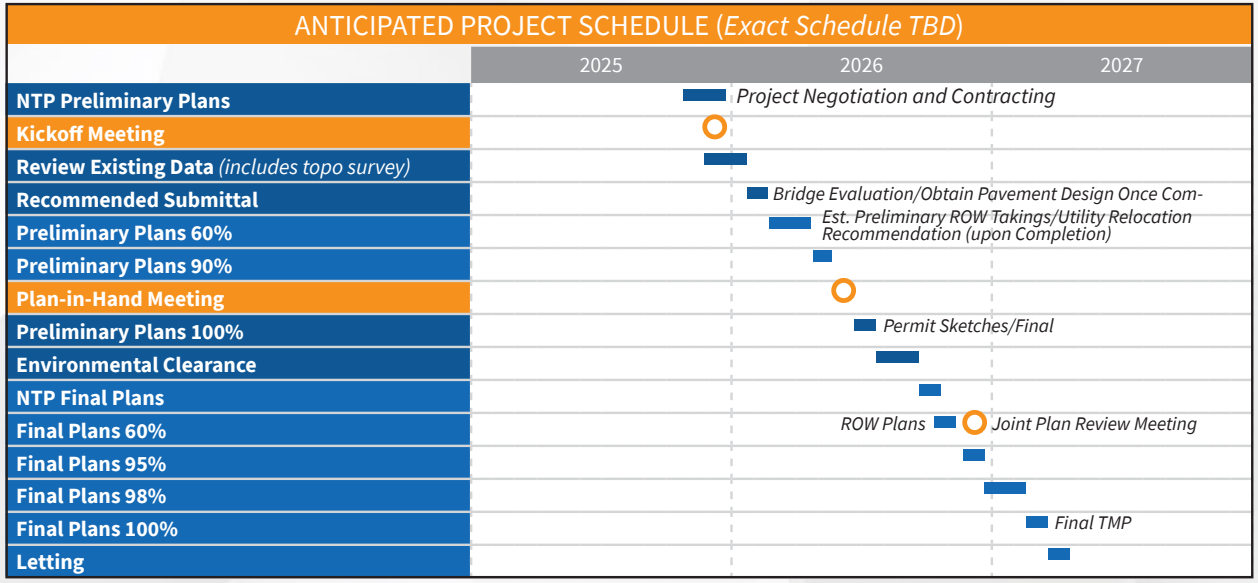


Figure 2: Typical Project Schedule

Exact tasks and durations subject to change based on task order project requirements

The traffic signal plans will include the final signal equipment layout, proposed signal phasing and timings, traffic signal wiring diagram/wiring chart, a list of potential pay items and summary quantity sheets, without quantities, will be developed and any required design reports will be provided. General construction sequencing phases, temporary signals and the draft Traffic Management Plan (TMP) developed in accordance with EDSM VI.1.1.8 will accompany the 60% PP stage and will be further developed thereafter.

While it is not anticipated that non-standard specifications will be required for these projects, we are able to provide these specifications as part of this submittal. The same applies to any draft design exceptions/waivers. These documents will be updated as necessary. If an Engineering Reason and Decision Document (ERDD) is required for permanent signing, onsite inspections will take place after Plan in Hand.

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.

For the 95% final roadway/intersection plan submittal, the traffic signal plans will consist of addressing comments from the 60% final plans. With this submittal, the final signal equipment layout will be provided along with the final traffic signal wiring diagram, signal phasing and timing charts, detection chart, preemption phasing and parameters (if required) pay items and estimated quantities, and opinion of estimated traffic signal construction cost. 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.

For the 98% final roadway/intersection plan submittal, the traffic signal plans will consist of addressing comments from the 95% final plans. With this submittal, the final signal equipment layout will be provided along with the final traffic signal wiring diagram, signal phasing and timing charts, detection chart, preemption phasing and parameters (if required) pay items and estimated quantities, and opinion of estimated traffic signal construction cost. In addition, any required technical specifications will be provided.

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.

With this submittal, the final stamped and signed traffic signal plans will be provided. The signal equipment layout will be provided along with the final traffic signal wiring diagram, signal phasing and timing charts, detection chart, preemption phasing and parameters (if required) pay items and estimated quantities, opinion of estimated traffic signal construction cost and technical specifications.

Construction Support: We understand that the construction services will be provided by others, but our engineering support during construction will provide critical services to help ensure the successful completion of the construction phase. We will review the bids for irregularities and conformance with DOTD's acceptable overrun and underrun from the estimated construction cost. We will review shop drawings, respond to RFI's within 48 hrs and assist with information meetings with a 24-hour notice. We will provide design corrections to minor design changes within 7 calendar days.

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

Section 19

Contract No. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES

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	$72,185
	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	$130,966
	Traffic	4400018271, H.014746.1	LA 383 Corridor Study	$10,547
	Traffic	4400018271, H.014746.5, SA #2	LA 383 Corridor Study	$54,445
	Planning	4400018271, H.014746.1	LA 383 Corridor Study	$93,741
	Planning	4400021094	Update Statewide Transportation Plan and Travel Demand Model	$6,170
	Traffic	4400026458, H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	$33,740
	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	$71,946
	Traffic	4400025299, H.015645.5	LA 47 Hayne Blvd Safety Improvements	$52,589
	Traffic	4400025299, H.016168.1	Baton Rouge Northern Bypass Expressway	$419,673
	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	$112
	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	$80,675
	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	$207,261
	Other (Program Management)	4400027987, H.015373.1	LRSP and SRTPP Program Management	$910,500
	Road	4400024927, H.016158.5	LA 182: Greenwood St. Overpass (on hold and should not count as backlog)	$83,005
	Traffic	4400028585, H.014516.5	Mills Ave & Rees St Intersection Imp	$97,301
	Safety	4400023689, H.015227. S.A. #1	US 51 at Victoria Dr. Ped Crossing, S.A. #1	$23,323
	ITS	4400029436, H.011504.6	Alexandria Phase 2 Technical Support	$33,611
	ITS	4400029436, H.016447.1	DMS Decom & Upgrades SEA	$99,329
	CE&I/OV	4400029441, H.011446.6	Mound Rest Area Renovations	$82,692
Civil Design & Construction, Inc.	Survey	4400027093/H.014041	LA 92 ROW Maps	$60,342
	Survey	4400026026; H.016037	LA 1138-1 & LA 1138-2	**$371,329**

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

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

Charles Adams

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

Charles Adams

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

Charles Adams

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

Charles LeBoeuf

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

Charles LeBoeuf

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

Charles LeBoeuf

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

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

Katie Odenthal

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

Katie Odenthal

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

Katie Odenthal

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

Santosh Andem

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 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

Santosh Andem

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 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

Santosh Andem

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 18, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Civil Design & Construction, Inc.

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

NC541330, NC541340, NC541350, NC541370

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

Certificate Eligibility: March 2025 to March 2026

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

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
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Previous Names

Business: CIVIL DESIGN & CONSTRUCTION, INC.
Charter Number: 35961196D
Registration Date: 6/15/2005
Domicile Address
3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767
Mailing Address
P O BOX 857
PORT ALLEN, LA 70767
Principal Office Address
3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Status

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

Registered Agent(s)

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

Officer(s)

Additional Officers: No

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

Mergers (1)

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

Amendments on File (3)

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

Print

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**
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE kweston@cdcbr.com	(225) 765-1802

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.