LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

STATEMENT OF QUALIFICATIONS

Engineering and Related Services

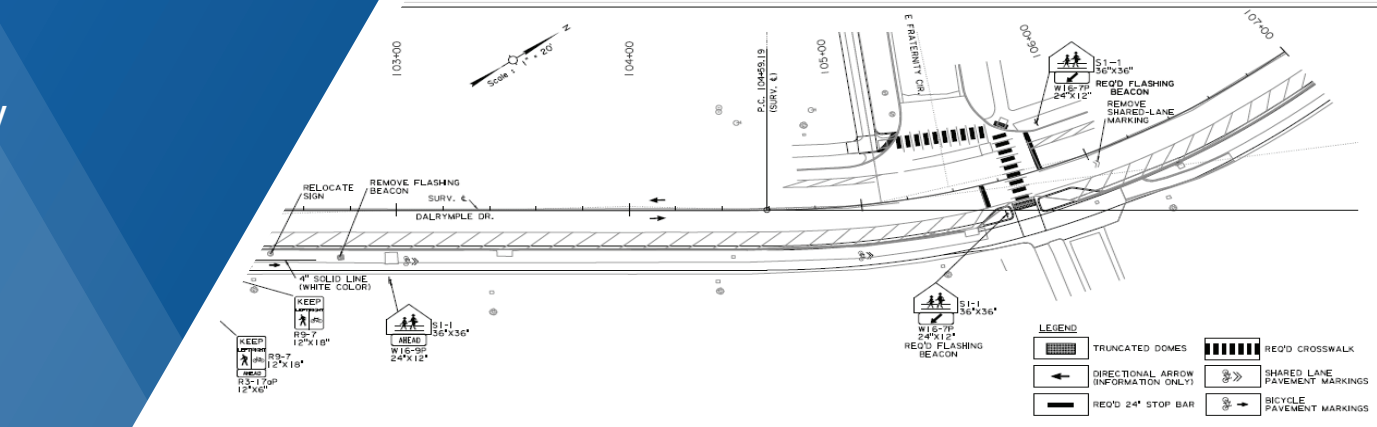
Contract Nos. 4400026912
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS

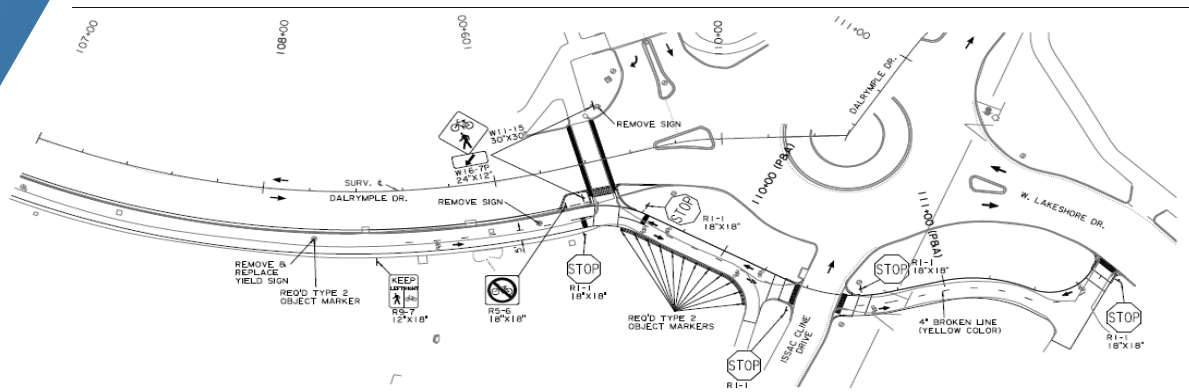
May 30, 2023

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

NEEL-SCHAFFER
Solutions you can build upon

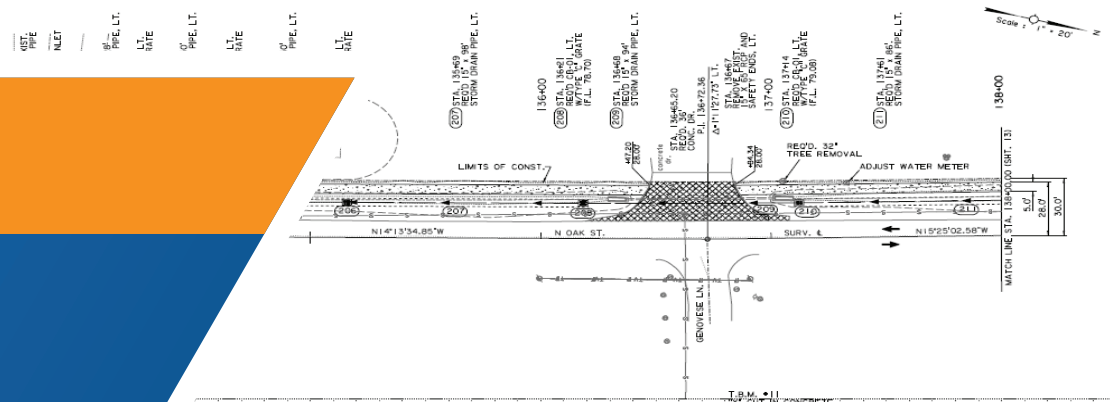
Our staff has experience in the wide array of safety projects across the entire state of Louisiana. Previous safety projects have included design of safety projects ranging from corridor signing/striping projects to implementation of flashing yellow arrows; developing District wide Safety Investment Plans; Stage 0s for high potential for safety improvement (HPSI) corridors; and conducting roadway safety assessments. Collectively we have worked on **over 140 projects** with safety improvements.



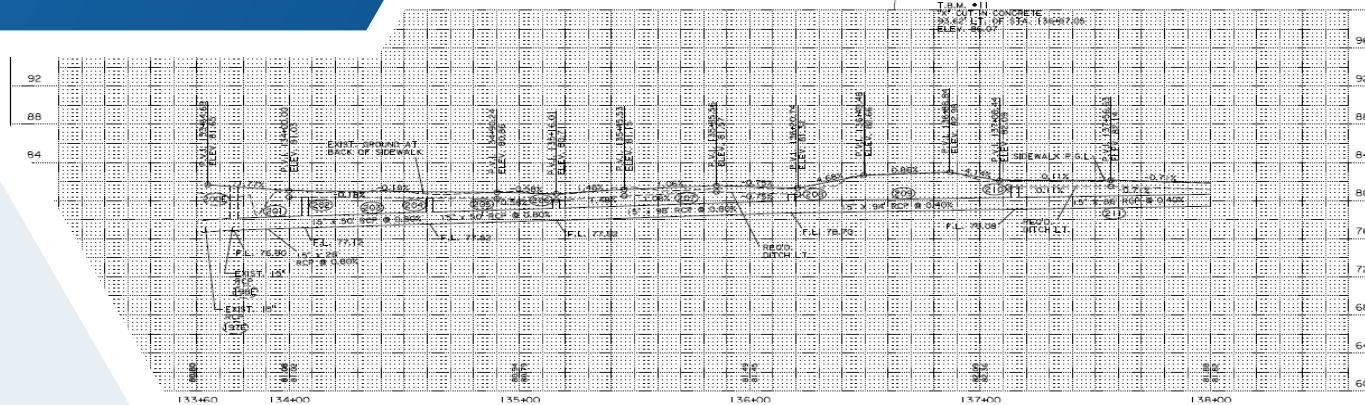


Sections ***1-11***

Contract Nos. 4400026912
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS



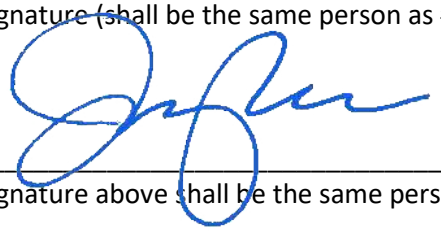
The images to the right are taken from two Task Order projects in our current IDIQ for the Design of Safety Projects.



DOTD FORM: 24-102 (Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

1. Contract Name as shown in the advertisement	**IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS**
2. Contract Number(s) as shown in the advertisement	**Contract No. 4400026912**
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name **(name must match as registered with the Louisiana Secretary of State where such registration is required by law**)	Neel-Schaffer, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.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 / Engineering Manager* dishili.young@neel-schaffer.com 225-614-2813
9. Name, title, phone number, and email address of the official with signing authority for this proposal	**Jerry Trumps** *Executive Vice President* jerry.trumps@neel-schaffer.com 337-232-6111

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.	Signature (shall be the same person as #9)  _____ Signature above shall be the same person listed in Section 9: _May 30, 2023_____ Date:	
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	**Firm(s):**	**Firm(s)' %:**
	Civil Design & Construction, Inc.	20%

NSI has completed traffic and road design services for Stage 0, Stage 1 and Stage 3 projects with varying complexity for LADOTD and will utilize this experience to expedite our task order projects.

Sections ***12-15***

Contract Nos. 4400026912
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS

12. <u>Past Performance Evaluation Discipline Table:</u>

Past Performance Evaluation Discipline(s)	% of Overall Contract	Neel-Schaffer, Inc.	Civil Design & Construction, Inc.	Each Discipline must total to 100%
Road	60%	100%	0%	**100%**
Traffic	20%	100%	0%	**100%**
Survey	20%	0%	100%	**100%**
	Identify the percentage of work for the **<u>overall contract</u>** to be performed by the prime consultant and each sub-consultant.			
Percent of Contract	**100%**	80%	20%	

13. Firm Size:

The DOTD Job Classification(s) to be used can be found at the following link:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

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.	Engineer	15	25
Neel-Schaffer, Inc.	Principal	1	2
Neel-Schaffer, Inc.	Supervisor - Eng.	3	5
Neel-Schaffer, Inc.	Senior Technician	1	2
Neel-Schaffer, Inc.	Environmental Manager	1	1
Neel-Schaffer, Inc.	Engineer Intern	1	2
Neel-Schaffer, Inc.	Landscape Architect	1	1
Neel-Schaffer, Inc.	GIS Analyst	1	1
Civil Design & Construction, Inc.	Surveyor	1	3
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	1	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	2	5
Civil Design & Construction, Inc.	Supervisor - SUE	1	1

14. Organizational Chart

CONTRACT NO. 4400026910
CONTRACT NO. 4400026911
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS
STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 02, 61, AND 62

LEGEND

Neel-Schaffer, Inc.

Civil Design and Construction, Inc.

[1] Meets MPR No. 1
[2] Meets MPR No. 2
[3] Meets MPR No. 3
[4] Meets MPR No. 4
[5] Meets MPR No. 5

* Personnel performing traffic engineering analysis and/or QC of traffic engineering analysis

Neel-Schaffer, Inc.
Principal-In-Charge

Nick Ferlito, PE, PTOE*[1,2]

QA/QC

Design
Gary LeBlanc, PE
Construction
Phil Graves, PE

Project Manager

Dishili Young, PE, PTOE*[2,3]

Stage 0: Feasibility Studies

Feasibility Report
Dishili Young, PE, PTOE*[2,3]
Mai Nguyen, PE[3]
Jacob Thiaville
Josh Schexnider, PE
Barry Brupbacher

Traffic Studies
Nick Ferlito, PE, PTOE*[1,2,5]
Vijay Kunada, PE, PTOE, PTP*
Ellen Burke Howard, PE, PTOE*
Santosh Andem, PE, PTOE*
Jonathan Duhe, PE, PTOE*[5]
Chuck LeBoeuf, PE, PTOE*
Lonny Territo

Stage 1: Planning/Environmental

Permit Plans
Dishili Young, PE, PTOE*[2,3]
Chance Shuckrow, PE[3]
Stephen Perault

Permit Preparation
Dishili Young, PE, PTOE*[2,3]
Barry Brupbacher
Justin Leblanc (GIS)

Stage 3: Design

CDC Surveying
Karla Weston, PE
Ralph Burges, PLS[4]
Chris Ballard, PLS[4]

Preliminary/Final Plans
Dishili Young, PE, PTOE*[2,3]
Mai Nguyen, PE[3]
Chance Shuckrow, PE[3]
Scott Andrepont, PE
Josh Schexnider, PE
Jacob Thiaville
Stephen Perault
Russ Bryan, ASLA

Sanitary Sewer/Water Design
Don Lancaster, PE
Warren Huggins, PE

Stage 5: Construction Support

Construction Support/Related Engineering
Frank Standige, PE
Mai Nguyen, PE[3]
Lonny Territo

15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Nick Ferlito, PE, PTOE	Neel-Schaffer, Inc.	PE No. 28001 – Civil, PTOE 930	LA	09/30/23
2	Nick Ferlito, PE, PTOE	Neel-Schaffer, Inc.	PE No. 28001 – Civil, PTOE 930	LA	09/30/23
2	Dishili Young, PE, PTOE	Neel-Schaffer, Inc.	PE No. 33723 – Civil, PTOE 4149	LA	09/30/23
3	Dishili Young, PE, PTOE	Neel-Schaffer, Inc.	PE No. 33723 – Civil, PTOE 4149	LA	09/30/23
3	Mai Nguyen, PE	Neel-Schaffer, Inc.	PE No. 38189 – Civil	LA	03/31/24
3	Chance Shuckrow, PE	Neel-Schaffer, Inc.	PE No. 42746 – Civil	LA	03/31/25
4	Ralph Burgess, PLS	Civil Design & Construction, Inc.	PLS No. 5040 – Surveying	LA	09/30/24
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS No. 5033 – Surveying	LA	09/30/24
5	Vijay Kunada, PE, PTOE, PTP	Neel-Schaffer, Inc.	PE No. 32145 – Civil	LA	03/31/24
5	Jonathan Duhe, PE, PTOE, RSP1	Neel-Schaffer, Inc.	PE No. 41047 – Civil	LA	03/31/25

Our NSI staff has extensive experience designing safety projects (both plan production and traffic/ safety analysis). Our staff has experience using the Highway Safety Manual (HSM) as well as the Crash Modification (CMF) Clearing House website in evaluating potential safety countermeasures. The NSI staff has been trained and has experience using DOTD's Cat Scan evaluation tools. In addition, **NSI developed a Countermeasure Evaluation Tool (CET) for DOTD's Highway Safety Section** that can evaluate and compare multiple countermeasure CMFs. NSI staff routinely attends the annual DOTD Highway Safety Summit and has presented on the CET at one of the past Summits

		TEAM MEMBER										
		Nick Ferlito	Vijay Kunada	Ellen Howard	Santosh Andem	Jonathan Duhe	Don Lancaster	Warren Huggins	Dishili Young	Mai Nguyen	Steve Perault	Gary LeBlanc
1.	STAGE 0'S	✓	✓	✓		✓			✓	✓	✓	
2.	TRAFFIC STUDIES	✓	✓	✓	✓	✓						✓
3.	SIGNAL DESIGN AND WARRANT ANALYSIS	✓	✓	✓	✓	✓						
4.	PERMITTING								✓	✓	✓	
5.	PRELIMINARY AND FINAL PLANS						✓	✓	✓	✓	✓	✓
6.	ROADWAY DESIGN						✓	✓	✓	✓		✓
7.	SANITARY OR STORM DRAINAGE DESIGN						✓	✓	✓	✓	✓	
8.	CONSTRUCTION SUPPORT								✓	✓	✓	✓
9.	SHOP DRAWING REVIEW						✓	✓	✓	✓		✓

Section 16

Contract Nos. 4400026912

IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Nick Ferlito, PE, PTOE**			Years of experience with this firm/employer	25
Title	Senior Vice President			Years of experience with other firm(s)/employer(s)	3
Degree(s) / Years / Specialization			BS / 1993 / Civil Engineering; MS / 1996 / Civil Engineering		
Active registration number / state / expiration date			PE 0028001 / LA / 09-30-2023; PTOE 930 / 04-23-2023		
Year registered	1998	Discipline	Civil		
Contract role(s) / brief description of responsibilities			MPR # 1,2 and 5; 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.
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 (preliminary and final Plans) and construction related engineering. Mr. Ferlito has assisted with the ball-bank studies and managed the traffic services 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. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes a ball-bank study, signage and striping for safety improvements along 30 Miles of roadway. **FYA Signal Improvements (LCG) Lafayette Parish (SPN. H.014579);** This project includes the installation of flashing yellow arrows, cabinets, and detection systems for 28 intersections throughout Lafayette. See project profiles.
01/2022 – Present	**US 167: I-10 to Willow Street Road Safety Assessment** (SPN 4400010504, Task No, H.014959.1). *Project Manager* for this study. Coordinating the Road Safety Assessment for US 167 from I-10 to Willow Street to conduct a safety study, perform a field evaluation and engage stakeholders to develop alternative concepts to reduce pedestrian and bicycle crashes and fatalities.
07/2021 – Present	**District 61 Intersection Safety Studies** (SPN 4400010504, Task No, H.014684.1). *Project Manager* for this study. Coordinated the intersection safety studies at 10 intersections in District 61 to identify low-cost countermeasures to reduce crashes.
04/2020 – 07/2021	**District 05 Safety Investment Plan, DOTD District 05** (SPN 4400010504, Task No, H.014295.1). *Project Manager* for this study. Coordinated the evaluation of crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
12/2017 - 03/2019	**District 08 Safety Investment Plan, DOTD District 08** (SPN 4400010504, Task No, H.013264.1). *Project Manager* for this study. Coordinated the evaluation of crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
02/2019 – 3/2020	**District 07 Safety Investment Plan, DOTD District 07** (SPN 4400010504, Task No, H.013826.1). *Project Manager* for this study. Coordinated the evaluation of crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.

16. **Staff Experience:**

12/2019 - Ongoing	**Safety improvements at the US 80: Intersection with Bellevue Road, Route US 80, Bossier Parish, LA** (SPN 4400010504, T.O. H.014044.1). *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to evaluate RCUT and full access intersection alternatives to improve the safety and mobility along US 80. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
11/2016 - 07/2019	**LA 385 Feasibility Study, Lake Charles, LA – Stage 0/Traffic & Safety Study** (SPN 44-4402, T.O. No. H.012685.1). *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to in support of safety and capacity improvements along 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. We identified near term and long-term improvements along the corridor. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
02/2016 - 10/2017	**LA 6 Feasibility Study, Natchitoches, LA – Stage 0 / Traffic & Safety Study** (SPN 44-4402, T.O. No. H.012307.1) *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to in support of safety and capacity improvements along the LA 6 corridor between Parish Road 542 west of I-49 to LA 3278 east of I-49, including the LA 6 interchange with I-49 to determine feasible alternatives that will preserve and enhance mobility and safety. Alternatives include roundabouts and RCUT alternatives. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
05/2015 - 06/2018	**LA 328 Stage 0, Breaux Bridge, LA – Traffic & Safety Study** (SPN 44-4909, T.O. H.011279.1) *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to in support of safety and capacity improvements along LA 328. Alternatives include roundabouts and RCUT alternatives along LA 328 in proximity to I-10 in St. Martin Parish. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
Career History	Mr. Ferlito is a traffic/transportation engineer who manages a range of traffic and safety related projects. **Mr. Ferlito serves or has served as the project manager for IDIQ Safety Study Contracts 44-01583, 44-04402 and 44-10504 and for Stage 0 Studies, safety studies, local and regional traffic impact studies, intersection studies, corridor studies, transportation management plans, signal timing studies, warrants analysis, traffic signal inventories, signal design projects and other traffic engineering related projects for both public and private projects.** Mr. Ferlito is experienced with numerous traffic engineering software packages include HCS, CORSIM, SYNCHRO, Tru-Traffic (TSPPDraft), SIDRA and has completed training on LADOTD's **CAT Scan safety tool**. Mr. Ferlito is a certified Professional Traffic Operations Engineer (PTOE) and has completed the NEPA and Transportation Decision Making course (2004), the **Highway Safety Manual Workshop** (2011) as well as LADOTD's **Traffic Engineering Process and Report (TEPR)** training.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Dishili Young, PE, PTOE**		Years of experience with this firm/employer	5	
Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	15	
Degree(s) / Years / Specialization			B.S. / 2002 / Civil Engineering / LSU; MCE/2018/Auburn University		
Active registration number / state / expiration date			No. 0033723 / LA / 9/30/2024		
Year registered	2008	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager/Road Design/Drainage Design/Stage 0 - Meets MPR #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).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This contract includes 11 projects which will provide 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. Ms. Nguyen has assisted with the roadway plan production and design for these projects. The task orders under this project are as follows (see project profile for full description): **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). See project profiles for more details.
01/20 - Present	I-20: LA 544 Overpass Replacement, State Project NO. H.010616, F.A.P. NO. H010616, Route I-20, Lincoln Parish. Ms. Young is managing the preliminary and final design services for this project. See project profiles for details.
04/18 - Present	I-49 South at Verot School Road, S.P. No. H.011235.5: Ms. Young is managing the design services for the interstate design and service road design (drainage, roadway and TMP). This project which 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.
12/17 - 07/20	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; includes 3 multilane roundabouts and a new bridge crossing of the Vermillion River. NSI provided public outreach, environmental, road design and traffic services. Project Manager
08/17 - 03/19	Juban Road Widening, S.P.N. H.004634 Juban Rd. Widening: Ms. Young served as the engineer of record and managed the completion of the roadway and drainage design services for this project. See project profile for details.
08/2017 - present	Mandeville Bypass - Mandeville, LA: Ms. Young is managing the design services. Project will provide new connector roadway.
08/17 - present	Ham Reid at LA 3092 Intersection Improvements: Ms. Young is serving as engineer of record for this project which will construct a roundabout at the intersection of LA 3092 and Ham Reid rd. The roadway and drainage design was completed in accordance with LADOTD guidelines.
02/10 - 12/11	S.P. No. 450-10-0159: I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 74) for LA DOTD: Ms. Young 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

16. Staff Experience:

	along the corridor. In addition to assisting with the roadway design, Ms. Young 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	S.P. Nos. 454-01-0047 & 454-02-0025: I-12 Widening Design-Build (O'Neal Ln. to Pete's Hwy) for LA DOTD: Ms. Young 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.
05/16 - 04/18	P.P.N. 2017-488 and -487 Roadway and Drainage Improvements, Bossier Parish: Ms. Young managed the design and plan production for eighteen roadways in Bossier Parish.
05/16 - 01/20	Bossier Parish Roadway, Bridge and Culvert Engineering, Damage Assessment and Reconstruction Services. Ms. Young managed the civil portion of this project which included approximately 90 roadway reconstruction sites & drainage structures.
05/16 - 01/20	Webster Parish Roadway, Bridge and Culvert Engineering, Damage Assessment and Reconstruction Services. Ms. Young managed the civil portion of this project which included approximately 200 roadway and new drainage sites.
08/17 - 03/20	LA 73 Turn Lanes: Ms. Young served as engineering design manager for this project. See project profile for details. Completed using LADOTD design standards, guidelines and software.
3/07 - 8/08	SP No. 817-41-0014, CP Project No. 06-CS-HC-0029: South Harrell's Ferry Road Improvements, GLP, Baton Rouge, LA: (March 2007-August 2008). This project involved the reconstruction, realignment and widening of South Harrell's Ferry Road to a median divided corridor. Ms. Young provided roadway design support, created a HEC-RAS model for a major drainage crossing and bridge alternative, designed the subsurface drainage using LADOTD hydraulics software.
Career History	Ms. Young 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, road design projects, 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 NHI Course No. 142005 - NEPA Transportation Decision Making , Baton Rouge, 2014 FHWA Highway Safety Manual Workshop, Baton Rouge, 2014 Roadside Safety Design by the Federal Highway Administration and National Highway Institute, LTRC, 2010 Applying Inroads V8.9, LSU Continuing Education , 2010 Urban Street Design, University of Wisconsin, Madison, Open Channel Design, University of Wisconsin, Madison, Storm Sewer Design, University of Wisconsin, 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, Construction Issues in Louisiana, Lorman Education Services

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Barry Brupbacher**			Years of experience with this firm/employer	15
Title	Senior Project Manager			Years of experience with other firm(s)/employer(s)	33
Degree(s) / Years / Specialization			B.A. / 1972 / Political Science; M.S. / 1990 / Urban Studies		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Permit Preparation/Stage 0 Report		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
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. Environmental Lead.
02/20 - Present	H.014054.1 **I-69 Stage 0 Frontage Road (Stonewall Frierson Road)** Desoto Parish, LA: This project will provide a connection between I-49 and the proposed future I-69. The project includes bridge replacements, upgrading and extending existing roadway. Environmental Lead.
02/20 - Present	H.014056.1: **I-69 Stage 0 Frontage Road (Ellerbe Road)** Caddo Parish, LA: This project when combined with the proposed I-69 will provide a connection between Port of Caddo-Bossier and the proposed future I-69. The projects include bridge replacements, upgrading and extending existing roadway to current design guidelines. Environmental Lead
04/7/20 - Present	H.014514.1: **Earhart Expressway Masterplan Stage 0**: Environmental Lead
01/09 – 12/09	**Interstate 10 Frontage Road Feasibility Study** in Lafayette, LA. (LADOTD Project No: 736-28-0042), The project involved a traffic and line & grade study of I-10 for a 10-mile corridor extending from LA 93 to Louisiana Avenue in Lafayette, LA. The primary purpose of the project was to develop viable conceptual alternatives for frontage roads parallel to and/or adjacent to the I-10 corridor within the study area. Project Planner supporting the alternatives development.
12/14 – 12/19	**Stage 0 Feasibility Studies of Modern Roundabouts, Lafayette MPO area, (Project No. H04490),** Stage 0 studies supporting potential roundabouts at 23 intersections. Performed QA/QC of Stage 0 Reports
01/10 – 01/11	**Route LA 3234 Stage 0 Feasibility Study**, Tangipahoa Parish, LA (State Project No. H.008915.1 The project will improve east-west connectivity through Hammond by extending LA 3234 from its current terminus at LA 1065 to Hammond Northshore Regional Airport. Project Planner responsible for the development of the Stage 0 Reports
04/10 – 12/10	**Stage 0 Feasibility Study, Route LA 182 (North University Avenue) Widening**, I-10 to West Pont des Mouton Road, Lafayette Parish (Lafayette Consolidated Government (LCG) Contract No. 500-10-034, State Project No. H.009335) Project supports the widening of LA 182 to four lane capacity. The Study / EA included traffic studies, environmental screening and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided. Project Manager

16. **Staff Experience:**

07/15 – Present	**US 90 Pearl River Bridges Environmental Assessment, St. Tammany Parish, LA and Hancock County, MS, State Project NO. H.000284 & NO. H.000286,** Work includes the preparation of an Environmental Assessment, as well as line and grade engineering for fixed and movable span bridge alternatives for the West Pearl and East Pearl Rivers and fixed span concepts for the three middle rivers. ***Alternatives include placement of new bridges on the existing alignments utilizing temporary bypass structures, as well as alternatives supporting upstream and downstream bridge concepts. For the East Pearl River both concrete and steel span structures were considered.*** Work also includes navigation studies and supporting environmental studies. *Project Manager*
11/15 – 12/19	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, Lafayette Consolidated Government (LCG).** Environmental Assessment (EA) developed in conformance with USCG guidance, engineering line and grade and technical environmental studies supporting the design and construction of Southcity Parkway extension from current terminus west of the Vermillion River to Kaliste Saloom Road including a crossing of the Vermillion River. *Project Manager*
Career History	Mr. Brupbacher has over 40 years of diversified planning experience performing in both public and private sector consulting. His broad range of experience includes project development, public involvement, and the preparation of NEPA documents for roadway, freight rail and transit projects, transportation planning, roadway alignment studies, zoning and land use planning. He completed **NHI course No. 142005, NEPA and Transportation Decision-making and NTI Course,** Managing the Environmental Process.

16. Staff Experience:

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

Degree(s) / Years / Specialization			BS / 1982 / Civil Engineering
Active registration number / state / expiration date			No. 22821 / LA / 09-30-2023
Year registered	06-30-1987	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Wastewater Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
03/07 - 04/11	Bay Saint Louis Infrastructure Repairs - 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.
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.
08/08 – 12/08	City of Gautier Wastewater Transmission System Improvements for City of Gautier/CDBG, MS - Project Manager for nearly two miles of conventional gravity sewer piping; a 0.25 MGD duplex submersible pumping station; and 1500 feet of force main. Project includes complete design of the sewer and station, including civil, structural, mechanical, electrical, and controls.
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.
2003-2006	Sewer System Evaluation and Rehabilitation (SSERP) for New Orleans Sewerage and Water Board - Design Manager overseeing the planning, design, and general management of this program. Supervised all engineering and support staff re-sponsible for the planning and design of this $631M multi-year program that included collection system evaluations and studies of the sewer sub basins; rehabilitation of a gravity sewer system; hydraulic modeling; and new force mains and pumping stations. Served as client

16. **Staff Experience:**

	contact on design related issues, negotiated sub consultant contracts, reviewed, and approved sub consult-ant invoices, established design and quality control standards, reviewed design submittals, established and maintained project schedules and served as the Boards representative on design issues that impacted Federal, State and municipal agencies. Mr. Lancaster's oversight of planning and design improved the overall quality of the proposed improvements to the SSERP.
08/05 – 06/06	Post-Hurricane Katrina Sewer System Rehabilitation – Project Manager for all aspects of this project to rehabilitate the City's sewerage system following Hurricane Katrina. Oversaw the inspection, cleaning, CCTV, by-pass pumping operations, and repair of the sewerage system. Developed and maintained an accelerated schedule to provide the client with immediate results and assessments of their system.
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 Neel-Schaffer's large Gulf Coast Katrina Recovery Projects. Prior to joining Neel-Schaffer, 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	**Vijay Kunada, PE, PTOE, PTP**	Years of experience with this firm/employer	17.5
Title	Vice President	Years of experience with other firm(s)/employer(s)	4.5

Degree(s) / Years / Specialization			BS / 1999 / Civil Engineering; MS / 2001 / Civil Engineering; MS / 2002 / Computer Science
Active registration number / state / expiration date			PE 0032145 / LA / 03-31-2024; PTOE No. 2868 / 04-30-2025
Year registered	2006	Discipline	Civil
Contract role(s) / brief description of responsibilities			Traffic Studies/Traffic Modeling / Forecasting Review

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – Present	**MRB South GBR: LA 1 to LA 30 Connector, S.P. No. H.013284, As** Mesoscopic Modeling Lead, Mr. Kunada is oversaw the development of regional mesoscopic model using Dynameq software and the analysis of proposed MS River bridge concepts under toll and non-toll options. Calibrated and validated 2019 base mesoscopic model, 2042 no-build model and 2042 build models for 20 bridge alternatives were developed and approved LADOTD. Model results were used as one of the criteria to select the final three alternatives to bring into the environmental planning process. Phase 2 of the study which includes detailed traffic analysis is currently under contracting process.
10/21 – Present	**MOVEBR's College Drive Enhancement Project, Baton Rouge, LA**: Mesoscopic Modeling (Dynameq) Lead to analyze several off and on corridor concepts considered in the vicinity of College Drive between Perkins Road and I-10. These concepts were modeled to determine which concept, or group of concepts, would result in the most improvements within the study area.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA** (H.013897) Mesoscopic Modeling Lead for the analysis of Transportation Management Plan (TMP) for the proposed College Drive Ramp improvements. TMP was prepared for the various maintenance of traffic (MOT) phases. Vijay is leading the Dynameq (Mesoscopic Modeling) modeling for evaluating various MOT strategies and completed the modeling of MOT Phase 1.
08/16 – 10/18	**I-10 Mobile River Bridge and Bayway Widening, Mobile, AL (DPI-0030(005))** As IMR Lead, Mr. Kunada oversaw the development of IMR from data collection phase through the approval of IMR by FHWA on October 3, 2018. Tasks included traffic forecast for toll and non-toll options, analysis of the proposed Mobile River Bridge and the widening of the Bayway using Synchro/HCS, as well as the proposed modifications to the interchanges within the study area including Diverging Diamond Interchange (DDI) configurations at three locations, VISSIM modeling for analyzing complex weave conditions and the development of IMR in accordance with ALDOT guidelines and FHWA Policy Points.
12/18 – 02/19	**I-635 LBJ East Alternative Technical Concepts, Dallas, TX: Project Manager –** Lead the traffic analysis and refinement of the Alternative Technical Concepts (ATC) proposed for three interchanges associated the I-635 LBJ East Project in Dallas, TX. Freeway elements, ramp terminals and frontage roads were analyzed for the original build concept and the proposed ATCs and demonstrated the effectiveness of the proposed ATCs over the original build concept.
03/17 – 12/17	**I-210 Bridge Traffic Impact Study, Calcasieu Parish, LA:** Project Manager. Managed a traffic study to develop a preferred alternative by analyzing the impacts of various I-210 bridge closure alternatives, and to develop recommendations to manage the expected congestion related to the planned rehabilitation of I-210 bridge over Prien Lake in Lake Charles, Louisiana. Developed project specific travel demand model to model and understand the impacts of bridge closure scenarios.
11/15 – 03/19	**I-49 Interchange Improvement at US 190 and LA 31, St. Landry Parish, LA:** Tasks included the development of existing and future traffic projections and the development of corridor concepts using the Access Management (AM) strategies, road diet options and innovative intersection configurations such as R-Cuts, J-turns and Roundabouts. LA (LADOTD Project No: H.011243.1): Role: Project Manager
10/13 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1)** As Traffic Forecast Lead, Mr. Kunada managed 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.
09/20 – 06/21	**MOVE 2046 Demographics and Travel Demand Model (TDM) Update** (State Project No. H.972353): Mr. Kunada managed the development of tour based regional travel demand model (TransCAD) along with a land use allocation model for scenario planning and development of regional demographics. This is the latest model that should be used for all traffic forecasting within the Baton Rouge MPO area. Mr. Kunada also managed the development of all TDMs for the Baton Rouge MPO area since 2006.
09/19 – 12/20	**Monroe (LA) 2045 Metropolitan Transportation Plan (Connecting Ouachita 2045) (**State Project No. H.972323.1**):** As Project Manager, Mr. Kunada oversaw the development of performance based multi-modal long range transportation plan with detailed regional freight component. Tasks also included travel demand model (TransCAD) development using big data sources, demographic forecasting, detailed multi-modal operational and safety needs analysis with robust public and stakeholder engagement element.

16. Staff Experience:

05/14 – 03/16	**LA 73 Stage 0, Prairieville, LA – Traffic & Safety Study (S.P. H.011160.1)** As Traffic Forecast Lead, Mr. Kunada managed the development of future traffic forecast for the study using the CRPC Travel Demand model and considered future interchanges at I-10 and LA 74 and LA 429.
10/14 – 11/16	**Interstate 10 at Ambassador Caffery Pkwy Interchange Stage 0 Study:** Project Manager for Traffic Analysis. Tasks included the development of existing and future traffic projections, safety analysis and development of future interchange conceptual geometry to improve safety and accommodate future traffic demands. AM strategies include channelized turn lanes, raised medians, RCUTs, limited access driveways. (LADOTD Project No: H.004492.1)
10/13 – 09/18	**Roundabout Stage 0 Feasibility Studies at Various Intersections, Lafayette, LA:** Completed 23 roundabout studies using LADOTD Stage 0 and Roundabout Policy. (LADOTD Project No: H.004490) Role: Project Manager
11/15 - 02/19	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, LA:** Environmental Assessment developed in conformance with USCG guidance, engineering line and grade and technical environmental studies supporting the design and construction of Southcity Parkway extension from current terminus west of the Vermillion River to Kaliste Saloom Road including a crossing of the Vermillion River, which is a navigable waterway. Project Engineer responsible for traffic forecast and analysis, including three roundabout geometry intersections.
02/13 – 02/17	**Interstate 10 at Grand Prairie Hwy Interchange Justification Study:** Role: Task Manager for Traffic and Safety Analysis and developing the IJR report (LADOTD Project No: H.003763). Mr. Kunada led the traffic study from traffic forecasting to analysis of prosed alternatives including the no-build and build scenarios. He also led the safety analysis of the proposed alternatives using ISATe tool.
09/19 – 12/20	**Monroe (LA) 2045 Metropolitan Transportation Plan (Connecting Ouachita 2045) (**State Project No. H.972323.1**):** As Project Manager, Mr. Kunada oversaw the development of performance based multi-modal long range transportation plan with detailed regional freight component. Tasks also included travel demand model development using big data sources, demographic forecasting, detailed multi-modal operational and safety needs analysis with robust public and stakeholder engagement element.
09/20 – 06/21	**MOVE 2046 Demographics and Travel Demand Model (TDM) Update** (State Project No. H.972353): Mr. Kunada managed the development of tour based regional travel demand model (TransCAD) along with a land use allocation model for scenario planning and development of regional demographics. This is the latest model that should be used for all traffic forecasting within the Baton Rouge MPO area. Mr. Kunada also managed the development of all TDMs for the Baton Rouge MPO area since 2006.
10/20 – 03/22	**Baton Rouge (LA) 2046 Metropolitan Transportation Plan (MOVE 2046) (**State Project No. H.972386**):** As Project Manager, Mr. Kunada oversaw the development of performance based multi-modal long range transportation plan with detailed regional freight component. MOVE 2046 tasks also include Congestion Management Process using big data sources and air quality conformity determination for the MPO with robust public and stakeholder engagement element.
Career History	Mr. Kunada joined Neel-Schaffer, Inc. in 2006. Mr. Kunada serves as a project manager for local and regional transportation plans, traffic impact studies, travel demand models, safety studies, signal warrant analysis, traffic signal timing plans, corridor analysis, interchange modification and justification studies, traffic simulation models (mesoscopic and micro), demographic forecasting, and other traffic engineering related projects for both public and private developments. He has extensive experience in traffic modeling including census data analysis, travel demand model development using TransCAD and CUBE, mesoscopic modeling using Dynameq and TransModeler, demographic forecasting, region wide safety data analysis, external travel surveys, Highway Capacity Software, Synchro, SimTraffic, ISATe, VISSIM, TransModeler, Dynameq, COSRSIM, DynaSmart-P, Trip Generation, traffic studies for Environmental Impact Statement projects, intersection studies and corridor analysis. His experience with traffic operational analysis includes microsimulation, freeway mainlines, ramp merge/diverge areas, weaving segments, multilane & 2-lane highways and intersection operations. Mr.Kunada served as project manager for 20 local and regional transportation plans in the states of Louisiana (managed six out of 8 MPO area plans), Mississippi, Alabama, Arkansas, Tennessee and Texas. Additionally, he has worked on developing transportation/infrastructure elements of comprehensive plans for City of Central, LA; Lafayette, LA; Alexandria, LA; Murfreesboro, TN; Louisville, KY. Mr. Kunada has completed DOTD's Traffic Engineering Process and Report (TEPR) training

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Gary LeBlanc, PE**		Years of relevant experience with this employer	1	
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			No. 28220 / LA / 09-30-2023		
Year registered	1999	Discipline	Civil		
Contract role(s) / brief description of responsibilities			QA/QC (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 time specified in the applicable MPR(s).
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 (preliminary and final Plans) and construction related engineering. Mr. LeBlanc is providing engineering design support. He has assisted with the review process for these projects. The task orders under this project are as follows: **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., signage, striping and ADA-compliant handicapped ramps.
11/19 - Present	**I-20: LA 544 Overpass Replacement (Lincoln Parish) (SPR. H.010616);** This project will replace the LA 544 Overpass at I-20 with a new bridge with sidewalks and 4 roundabouts. Mr. LeBlanc completed geometric, signing, and striping review for this project.
11/19 - Present	**I-10 & I-12 College Dr. Flyover Ramp Design-Build Project (S.P. H.013897.1);** Mr. LeBlanc completed the review for signing plans and details.
11/19 - Present	**Roundabout- W. Broussard at Duhon Rd. (LCG PR. 1806);** This project includes improvements to the intersections with the design of a roundabout and drainage. Mr. LeBlanc completed the geometric review for this project.
11/19 - Present	**E. Milton Ave. Improvements Project;** This project includes the design of a roundabout and drainage at the intersection of E. Milton Ave. and Chemin Metairie Pkwy. Mr. LeBlanc completed the geometric review for this project.
11/19 - Present	**Chemin Metairie Pkwy. at Guillot Rd. Improvements;** This project includes improvements to the intersection with the design of a roundabout and drainage. Mr. LeBlanc completed the geometric review for this project.
12/12 – 08/22	Design Development Engineer Manager – LADOTD

16. **Staff Experience:**

	• Manages a staff of Engineering Interns, Design Engineers and Engineer Technicians. Primary roles of the section includes geometric design, striping, temporary traffic control and traffic management plans. • Assists with the development of standard plans and engineering directive and standards for highway agency in the expertise of geometric design, complete streets, temporary traffic control, roundabouts and pavement markings. • Engineer of record for Louisiana Department Of Transportation's Pavement marking Standard Plans and Temporary Traffic Control Standard Plans. • Member DOTD Work Zone Task Force
04/07 – 12/12	HPMS/Highway Needs Engineer – LADOTD • Maintained the Highway Needs database and prepared the annual Highway Needs report to the Louisiana legislature. The Highway needs information is used as an aid to select projects in the DOTD highway program. • Administered and developed the Highway Performance Monitoring System for DOTD. Prepared and submitted the annual HPMS Report to FHWA. The HPMS system is used by FHWA in various appropriation formulas which helps determine Louisiana's apportionment of the federal highway funds.
1999 – 04/07	Design Engineer – LADOTD • Technical expert in selecting, designing, providing and maintaining criteria and methodology relative to the MUTCD and AASHTO Geometric Guidelines to ensure that most current concepts will be applied to Department's policies and design standards. Primary responsibilities included geometric design, capacity analysis, traffic studies, interstate signing projects, feasibility studies, scope of services negotiations, man-hour/ cost estimates, and plan reviews.
06/94 – 1999	Engineer Inter – LADOTD • Conducted capacity analysis and prepared intersection geometry layouts. • Reviewed roadway and bridge plans to determine if LADOTD and AASHTO standards and policies are adequately followed and drafted letters detailing the results of the review and offer corrective measures. • Prepared and updated construction cost estimates. • Responsible for developing construction plans to permanently sign or replace signing on controlled access highways statewide.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Phil Graves, PE**			Years of relevant experience with this employer	1
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			No. 29640 / LA / 09-30-2023		
Year registered	07-10-2001	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			QA (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.				
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 (preliminary and final Plans) and construction related engineering. Mr. Graves has assisted with the review process 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.				
10/09 – 04/12	I-55 Rehabilitation, Tangipahoa Parish, LA. CLIENT Area Engineer. As Area Engineer helped oversee four separate projects that rubbilized and overlaid Interstate 55 from US 51 (Morrison Boulevard) to the Mississippi state line. The rubbilization process is a complex technique that breaks existing concrete into small pieces, creating a better base for the asphalt overlay.				

16. **Staff Experience:**

02/15 – 02/16	I-12 Interchange Improvements, Tangipahoa Parish, LA. CLIENT 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, CLIENT 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, CLIENT 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. CLIENT 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, CLIENT 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, CLIENT 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. CLIENT 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. CLIENT 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, CLIENT 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
10/09 – 02/12	I-55 Rehabilitation, Tangipahoa Parish, LA, CLIENT Area Engineer. Helped oversee four separate projects that rubbilized and overlaid Interstate 55 from US 51 (Morrison Boulevard) to the Mississippi state line. The rubbilization process is a complex technique that breaks existing concrete into small pieces, creating a better base for the asphalt overlay.
Career History	Mr. Graves joined Neel-Schaffer in 2022and 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	**Ellen Burke Howard, PE, PTOE**			Years of experience with this firm/employer	7
Title	Project Manager			Years of experience with other firm(s)/employer(s)	5
Degree(s) / Years / Specialization			BS / 2009 / Civil Engineering / LSU		
Active registration number / state / expiration date			PE 0038207 / LA / 03-31-2024; PTOE No. 3735		
Year registered	2013	Discipline	Traffic Analysis		
Contract role(s) / brief description of responsibilities			Stage 0, 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.
09/21 - Present	**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.
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 signal analysis, Chapter 1 and Chapter 2 of Final Report
09/20 - Present	**MOVEBR College Drive Enhancements (C-P Proj. No. 19-EN-HC-0033):** *Traffic Engineer* responsible calibrated Vissim model, existing and no build traffic analysis and alternatives 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
01/19 – 03/20	**District 07 Safety Investment Plan** *Traffic Engineer* responsible for Data Collection
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.
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).
08/16 – 01/17	**LA 433 at Carroll Road, Stage 0 Study considering construction of modern roundabout (St. Tammany P.O. S109476):** *Traffic Engineer* responsible for Intersection Operational Analyses (Synchro and Sidra), Warrant Analysis.
10/17 – 01/18	**Move Ascension - 6 Intersection Improvement Studies for Ascension Parish:** *Traffic Engineer* responsible for Data Collection, Intersection Traffic Operational Analyses (Synchro, Vistro, and Sidra), Safety Analyses, Warrant Analysis, Signal Analysis, Benefit/Cost Analyses, and Traffic Report Preparation
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

16. Staff Experience:

12/19 – 03/20	**US 80: Intersection @ 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.
2/16 – 04/18	**LA 22 (Rou Mar Nei Drive to 1st Street) (Contract No. 4400004064, T.O. No. H.011618.1):** *Traffic Engineer* assisted with corridor traffic operational analyses including traffic signal analysis.
02/15 – 12/17	**US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1)—US 51 Business Corridor Study:** Includes analysis of three roundabout geometry intersections. *Traffic Engineer* assisted with Corridor Operational Analyses
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
09/15 – 01/17	**US 90 - US 61 - LA 611-9 Corridor Improvements (S.P. No. 4400004829, T.O. No. H.011646.5):** *Traffic Engineer* responsible for Warrant Analysis, Safety Analysis, Signal Inventory, Travel Time Runs, Initial and Final Data Collection Report Preparation
09/15 – 05/16	**LA 19 Widening (LA 64 to Sunset Blvd.) - Stage 0 Study (S.P. No. 4400004012, T.O. No. H.011695.1):** *Traffic Engineer* responsible for Data Collection, Warrant Analysis, Intersection Operational Analyses (Synchro), and Traffic Report Preparation
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.
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 LADOTD's Traffic Engineering Management Section in Headquarters. She worked on a variety of projects involving Traffic Engineering Studies, Signal Timing and Coordination, Corridor Studies and Transportation Management Studies. She is proficient in Traffic Engineering software such as 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, 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) 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[1]**			Years of experience with this firm/employer	10
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 0041047 / LA / 03-31-2025; PTOE No. 4418 / 03-18-2024		
Year registered	2016	Discipline	MPR # 5; Traffic Analysis/Signal Design		
Contract role(s) / brief description of responsibilities			Safety and Traffic Analysis; Meets MPR 5		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
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 (preliminary and final Plans) and construction related engineering. Mr. Duhe has assisted with the ball bank studies for the signing and striping jobs. He also oversaw development of signal plans as a project engineer for FYA Signal Improvements. 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. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes signage and striping for safety improvements along 30 Miles of roadway. **FYA Signal Improvements (LCG) Lafayette Parish (SPN. H.014579);** This project includes the installation of flashing yellow arrows, cabinets, and detection systems for 28 intersections throughout Lafayette.
04/18 - Present	**I-49 South at Verot School Road, S.P. No. H.011235.5:** Completing the signal design services. 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.
09/21 - present	**Harding Blvd at I-110 (CP Proj. No. 20-CP-HC-0016), 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. Signals were included
09/20 - present	**College Drive Enhancement Project (CP Proj. No. 20-CP-HC-0033), 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. Signals were included
06/20 - present	**I-10/12 College Drive Flyover Design Build (H.013897.1), 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. Signals were included
04/20 – 06/21	**District 05 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.014295.1) 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.
02/19 – 03/20	**District 07 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013826.1) 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.

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11/17 – 04/19	**District 08 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013264.1) 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.
11/16 – 04/19	**LA 385 (Ryan St) Feasibility Study (Contract No. 4400004402, T.O. No. H.012685.1) 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 (Contract No. 4400004402, T.O. No. H.012307.1) 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.
02/15 – 12/17	**US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1):** *Traffic Engineer.* Assisted with report preparation.
06/15 – 07/16	**LA 431 at LA 934 Intersection Improvements (H.007855.5), Ascension Parish, LA**: Performed a traffic signal timing study for 5 intersections along LA 431 and signal design plans for the intersection of LA 431 at LA 934 in association with the proposed intersection improvements.
04/18 – 06/19	**LA 1256 Adaptive Signal System, Cameron Parish, LA:** Engineer for modification of 5 traffic signals along LA 1256 from Dave Dugas Road to I-10 in Sulphur, LA in order to implement the SynchroGreen Adaptive traffic signal system.
12/19 – present	**US 80: Intersection @ Bellevue Rd (S.P. No. 44-10504, T.O. No. H.014044.1), Bossier Parish, LA:** *Project Engineer.* Oversaw Intersection Operational Analyses (HCS), safety analysis, alternative development, and traffic report preparation. Signals included
03/20 – 06/20	**Braud Rd @ 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 (S.P.No.44-8851, T.O. No. H. 011960.5), 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 (S.P.No.44-8851, T.O. No. H.011186.5), 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
04/19 - 11/19	**LA 14 Signal Timing Study (S.P.No.44-8851, T.O. No. H.012467.5), Lake Charles, 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
Career History	Mr. Duhe joined Neel-Schaffer in 2013 and has nearly a decade of experience working on a wide range of traffic and transportation projects. Mr. Duhe 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. Mr. Duhe is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Mr. Duhe has completed training and has experience using LADOTD's **CAT Scan safety tool**. Mr. Duhe 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	**Mai Nguyen, PE**			Years of experience with this firm/employer	6
Title	Roadway Design Engineer			Years of experience with other firm(s)/employer(s)	7
Degree(s) / Years / Specialization				BS / 2008 / Civil Engineering	
Active registration number / state / expiration date				PE 0038189 / LA / 03-31-2024	
Year registered	2013	Discipline		Civil	
Contract role(s) / brief description of responsibilities				MPR # 3 ; Stage 0, Design, 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.
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This contract includes 11 projects which will provide 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. Ms. Nguyen has assisted with the roadway plan production and design for these projects. The task orders under this project are as follows (see project profile for full description): **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). see project profiles.
02/18 – 06/21	**Districts 5, 7, and 8 Safety Investment Plan:** Ms. Nguyen was responsible for high level concept layouts for low-cost safety improvements throughout the district including roundabouts, realign intersections, installed raised crosswalk, access management, add sidewalk and paved shoulder, and turn lane. She also responsible for calculated quantities and cost estimation. */ Design Engineer*
08/17 - 03/19	**Juban Road Widening, S.P.N. H.004634 Juban Rd. Widening:** Project will widen Juban road, construct sidewalks, bike lanes, roundabouts, signage and striping. Design support. See project profile for details.
01/20 - Present	**I-20: LA 544 Overpass Replacement, State Project NO. H.010616, F.A.P. NO. H010616,** Route I-20, Lincoln Parish. She completed the preliminary and final design services for this project. See project profiles for details.
04/18 - Present	**I-49 South at Verot School Road, S.P. No. H.011235.5:** She is completing the design services for the interstate design and service road design. This project which 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.
02/20 – 01/22	**H.014054.1 I-69 Stage 0 Frontage Road (Stonewall Frierson Road), Desoto Parish, LA:** This project provides a connection between I-49 and the proposed future I-69. The project included the stage 0 report, checklists, conceptual layout, and cost estimates. The project also included widening, upgrading, and extending existing roadway. */ Design Engineer*
02/20 – 01/22	**H.014056.1: I-69 Stage 0 Frontage Road (Ellerbe Road), Caddo Parish, LA:** This project when combined with the proposed I-69 will provide a connection between Port of Caddo-Bossier and I-49. The project included the stage 0 report, checklists, conceptual layout, and cost estimates. The project also included bridge replacements, upgrading and

16. Staff Experience:

	extending existing roadway to current design guidelines. */ Design Engineer*
09/17 – 03/20	**MA-18-03-A/B: Move Ascension Turn Lane Projects @ LA 73, Ascension Parish, LA:** Ms. Nguyen was responsible for developing preliminary and final design services for turn lane improvements on LA 73 at Brown Road and Oakland Drive. Challenges included utilities conflicts and bridge constraints. She completed preliminary, final design and construction proposal. She also completed conceptual layouts, construction cost estimates for the traffic analysis as part of the conceptual analysis phase. / *Design Engineer*
08/17 – 07/18	**I-10 New Orleans Master Plan Stage 0 Feasibility Study:** Ms. Nguyen 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. This project also involved an elevated railroad crossing of the Union Train Station in New Orleans. */ Design Engineer*
04/18 - 04/20	**H.013023: Rees St. (LA 328) Stage 0 Study (Design Study), St. Martin Parish, LA:** This project will provide a median divided section with roundabouts and bike and path. Two alternatives were considered. / *Design Engineer*
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. Andrepont provided concepts and cost estimates. */ Design Engineer*
09/15 - 10/17	**H.011454.1: LA 22 (Dalwill to Rodger Storm) Corridor Study (Contract No. 4400004064):** LA 22 Corridor Study Includes analysis of six roundabout geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study. */ Design Engineer*
02/16 - 04/18	**H.011618.1: LA 22 (Rou Mar Nei to 1st) Corridor Study (Contract No. 4400004064):** LA 22 Corridor Study includes analysis of proposed roundabout interchange (6 roundabouts) geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study. */ Design Engineer*
Career History	Ms. Nguyen has over 13 years of experience as a Roadway Design Engineer, including over six years working for LADOTD roadway design. She is proficient with developing roadway plans in accordance with LADOTD design guidelines. She has completed numerous roadway construction plans, including roadway alignments, typical sections, cross sections, geometric details, graphical grades, drainage design, construction sequencing, striping, signing layout, and cost estimates. She also has completed countless interchange geometric layouts, roundabouts, and unconventional intersections following AASHTO and LADOTD design guidelines. She is experienced with feasibility studies, stage 0 reports, roadway concept layouts for traffic studies, develop high level cost estimates for multiple District Safety Investment Plans, and working with Contractors and LADOTD Engineers to ensure the project is constructed according to plans. She is Certified as a Work Zone Traffic Control Supervisor, Technician and Flagger.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Chance Shuckrow, PE**			Years of experience with this firm/employer	8
Title	Project Engineer			Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			BS / 2014 / Civil Engineering		
Active registration number / state / expiration date			No. 0042746 / LA / 03/31/2025		
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Permitting Plans, Design; Meets MPR 3: Principal or responsible member of the prime consultant shall be a professional civil engineer, registered in the state of Louisiana, and shall have a minimum of five (5) years of experience in responsible charge of roadway design projects.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
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 (preliminary and final Plans) and construction related engineering. Mr. Shuckrow is providing engineering design support. He has completed the drainage design for these projects and assisted with the review process. 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.

16. Staff Experience:

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.
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.
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 intersection, 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, Lafayette Consolidated Government (LCG). 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**.
03/15 – Present	**St. Martinville Bypass (LA31) Environmental Assessment 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.
11/14 – 04/17	**US 190 Collins Boulevard Line and Grade Study for NORPC in St. Tammany Parish (SPN H.004987):** Includes ten roundabout geometry intersections. Assisted in geometric layout of roadway and design of horizontal and vertical profiles for line and grade study.
02/20 - Present	**I-20 @ 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 for Livingston Parish Government in Livingston, LA (SPNH.004634.5)** Final design for reconstruction of Juban Rd as a four-lane median divided roadway with multilane roundabouts intersections. Completed vertical and horizonal alignments and modeled the project with Bentley software, assisted with the drainage design and preparation of plans.
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:** 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.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Charles LeBoeuf, PE**		Years of relevant experience with this employer	9	
Title	Project Engineer		Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization			BS / 2012 / Civil Engineering; MS / 2014 / Civil Engineering		
Active registration number / state / expiration date			PE 0042854 / LA / 03-31-2023		
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Analysis		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/22 – Present	**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 – Present	**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

16. Staff Experience:

	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 Neel-Schaffer in 2014 and has eight years of experience in the engineering field, including 18 months as a Co-Op student with the Louisiana Department of Transportation and Development. Since joining Neel-Schaffer, Mr. LeBoeuf has provided a wide variety of transportation-related services, including travel demand modeling, GIS, crash analysis, traffic analysis, and mesoscopic modeling. He also has experience in the collection of turning movement counts for development projects. Mr. LeBoeuf has completed DOTD's Traffic Engineering Process and Report (TEPR) training

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Stephen Perault**			Years of experience with this firm/employer	5
Title	Senior Technician			Years of experience with other firm(s)/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			Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
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 (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.
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.

16. Staff Experience:

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. includes roundabouts, additional capacity, access management, couplets and more.
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.
01/05 – 07/07	**Denham Springs, Watson, Denham Springs, LA**: Designed the roadway for the widening of LA 16 from two to four lines. Responsible for the development of preliminary and final roadway plans and prepared construction cost estimate.
01-19 – 12-19	**LA 73 (Old Jefferson Highway) Turn Lanes, Ascension Parish, LA**: This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. Mr. Perault is assisting in the design and plan production for this project. The design is being 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 Widneing, 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	**Scott Andrepont, P.E.**		Years of relevant experience with this employer	10	
Title	Project Engineer		Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			B.S. / 2005 / Civil Engineering M.S. / 2007 / Civil Engineering		
Active registration number / state / expiration date			No. 37107 / LA / 09-30-2024		
Year registered	2012	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Road Design/Drainage Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
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.
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 (preliminary and final Plans) and construction related engineering. Mr. Andrepont has assisted with the roadway and drainage 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.

16. **Staff Experience:**

09/09 – 08/12	N. University Ave. Widening – Lafayette, LA: Road alignment, preparing scope for utility and topographic survey, roundabout layout and design, and plan preparation. *Project Engineer*
08/17 – Present	Lafayette Downtown Sidewalks, Curb, and Overlay – Lafayette, LA: Replacement of existing sidewalks and signage along the route, improvements for pedestrian crossings, construction administration. *Project Engineer*
01/10 – Present	St. Martinville Downtown Streetscape – St. Martinville, LA: Replacement of existing sidewalks, improvements for pedestrian crossings, landscape design. *Project Engineer*
07/14 - 03/15	US 90 @ LA 318: Roadway profiles, cross sections, quantities, and cost estimates. *Project Engineer*
04/18 – Present	I-49 South at Verot School Road, S.P. No. H.011235.5: This project which will 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. Neel-Schaffer is serving as the subconsultant for this project and designing the mainline and frontage roadways and associated drainage. *Project Engineer*
08/12 – 03/19	LA 1026 (Juban Road) Widening (I-12 to US 90) – Lafayette, LA: Road profiles, roundabout design, preparing cost estimates. *Project Engineer*
06/13 – Present	Stage 0 Feasibility Study Modern Roundabouts – Lafayette, LA: Road alignment, roundabout layout, and design, preparing cost estimates. *Project Engineer*
03/15 - Present	East 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.
11/13 - 04/15	H. 004932: US 90 (Future I-49) LA 318 Project Engineer supporting Interchange DB Project Road profiles, roundabout design, preparation of cost estimates.
10/2018-05/2019	LA 182/Stone Ave. Right Turn Lane, Lafayette, LA - Mr. Andrepont lead the construction administration for the turn lane installation, roadway improvements, drainage, and signage.
10/2017-01/2019	LA 27 Turn Lane Construction, Cameron Parish, LA - Mr. Andrepont assisted with the construction administration for the turn lane installation, signage and roadway improvements
01/2012-04/2012	City of Walker - Bridge Replacement Study, Walker, LA – Mr. Andrepont completed site visits to multiple bridges. He was charged with verifying the condition of bridges, prioritizing the necessary replacement of each bridge in comparison to the others, and estimating cost of replacement
04/2020-Present	US 90 and FM 481 Improvement, Kinney County, TX: QA/QC of Striping, Singing, and High Friction Surface course plans.
09/09 – 08/12	N. University Ave. Widening – Lafayette, LA: Road alignment, preparing scope for utility and topographic survey, roundabout layout and design, and plan preparation. *Project Engineer*
07/13 - 09/13	LA 1088 Traffic Corridor Study for LA DOTD in St. Tammany Parish, LA (SPN 4400002630, T.O. #H.010116.1): 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/multi-use paths / sidewalks along the corridor.
	ATSSA – Work Zone TCS/TCT/Flagger

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Santosh Andem, PE, PTOE**			Years of experience with this firm/employer	12
Title	Senior Traffic Engineer			Years of experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization			B. Tech/2003/Civil Engineering M. S./2006/Civil Engineering		
Active registration number / state / expiration date			No. 0036465 / LA / 03-31-2024 PTOE No. 3017		
Year registered	2011	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic engineering and analysis.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
01/14 – Present	**Roundabout Stage 0 Studies, Lafayette Consolidated Government, Lafayette, (SPN H.004490)** 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 Mr. Andem include signal warrant analysis, crash analysis, spot speed data analysis, evaluation of existing conditions, forecasting future volumes using Lafayette Metropolitan Organization Travel Demand Model, and preparation of the report detailing the findings and recommendations.
04/18 – Present	**Rees St (LA 328) Corridor Study (State Project No. H.013023, F.A.P. No. H.013023)** This is a feasibility Study of improving LA 328/Rees Street from Latiolais Drive to Bridge Street. Tasks completed by Mr. Andem include data collection, intersection/corridor analysis, field review observations, intersection and corridor safety analysis for No Build and existing conditions, forecasting future volumes and active participation in public meetings.
04/18 - Present	**LA 1256 Corridor Study from Patton Street to Dave Dugas Road, Calcasieu Parish, Louisiana** This project involves widening of LA 1256 from Patton Street to Dave Dugas Road. Three Roundabout intersection are analyzed. Tasks completed by Mr. Andem includes intersection and corridor safety analysis, data collection, roundabout analysis using SIDRA, writing technical memorandum documenting conclusions and recommendations.
01/12 – 06/13	**Baton Rouge Metropolitan Planning Organization (MPO) Transportation Plan Update, LADOTD, EBR, WBR, Ascension, Livingston and Iberville Parishes, LA:** Mr. Andem worked on the safety element of this project. Tasks completed by Mr. Andem included identifying high crash segments/intersections, crash patterns, determination of contributory causes and developing report detailing findings and recommendations.
01/14 – 1/15	**Lake Charles Urbanized Area Metropolitan Transportation Plan (MTP) 2040, Calcasieu Parish, LA:** Mr. Andem worked on the safety element of this project. Tasks completed by Mr. Andem included identifying high crash segments/intersections, crash patterns, determining contributory causes and developing report detailing findings and recommendations. benefit cost analysis, monthly progress reports, meeting minutes and preparation of the report detailing study findings and recommendations.

16. **Staff Experience:**

03/12 – 04/12	**N. University Avenue (LA 182) Widening, Lafayette Consolidated Government, Lafayette, LA:** This project involves widening of University Avenue between I-10 and Pont des Mouton Road. Three roundabout geometry intersections are proposed. Tasks completed by Mr. Andem includes 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 Mr. Andem 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	Mr. Andem joined Neel-Schaffer, Inc. in 2011. Mr. Andem serves as a 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. Mr. Andem 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. **He completed the Highway Safety Manual. 2 ½ day workshops conducted by the FHWA Resource Center, NCHRP 17-38 in May 2014**.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Joshua Schexnider, P.E.**		Years of relevant experience with this employer		6
Title	Project Engineer		Years of relevant experience with other employer(s)		14
Degree(s) / Years / Specialization			B.S. / 2016 / Civil Engineering		
Active registration number / state / expiration date			No. 45891 / LA / 03-31-2024		
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Feasibility Report /Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
Career History	Mr. Schexnider joined Neel-Schaffer in 2016. He has experience with providing engineering and CE&I services for projects which include roundabouts, roadways, sidewalks, and drainage improvements. Prior to joining the firm, he spent fourteen years prior working for John Chance Land Surveys, Inc. While at JCLS, he was part of a team, FLI-MAP, which specialized in corridor mapping using LiDAR technology. He has experience with Applanix processing software, as well as, some experience with ArcMap.
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 (preliminary and final Plans) and construction related engineering. Mr. Schexnider has assisted with the roadway and drainage 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.

16. **Staff Experience:**

02/20 – Present	I-20: LA 544 Overpass Replacement – Lincoln Parish, LA: 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 the interstate Control of Access. *Design support for roadway and drainage*
04/18 – Present	I-49 South at Verot School Road – Lafayette, LA: Mr. Schexnider is providing design support for the road design for this project which 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. Project involves at grade railroad crossings. *Engineering Intern*
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. *Design support for roadway*
08/16 – Present	Southcity Parkway Extension – Lafayette, LA: Assisted in preparation of plans. *Design support for roadway and drainage.*
11/19 - Present	IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62): This project will include signing, drainage and pedestrian improvements for four projects. Planning/Environmental, Design and construction related engineering. *Mr. Schexnider is providing engineering support.*
05/16 – 07/16	Juban Road (LA 1026) Widening – Livingston Parish, LA: Assisted in preparation of plans. *Design support for roadway and drainage*
02/17 – Present	US 90 Bridges Environmental Assessment – St. Tammany Parish, LA: Assisted with preparation of plans. *Design support*
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. Mr. Schexnider assisted with the design and plan production.
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 was completed in accordance with LADOTD guidelines. Mr. Schexnider assisted with the design and plan production.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Warren Huggins, P.E.**			Years of relevant experience with this employer	8
Title	Senior Project Manager			Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization				BS / 2012 / Civil Engineering	
Discipline	Civil		Certifications	No. 42443 / LA / 09-30-2024	
Contract role(s) / brief description of responsibilities				Utilities	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to this study:
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. the 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.
07/2013 - 10/2018	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

16. **Staff Experience:**

	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).
02/2018 - 10/2021	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.

(Add rows as needed)

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.					
Name	**Jacob Thiaville, EI**			Years of relevant experience with this employer	>1
Title	Project Engineer / Planner			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2022 / Civil Engineering		
Active registration number / state / expiration date			EI 35368 / LA / 9.30.23		
Year registered	2023	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Feasibility Report/ 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.
11/22 – present	**East West Corridor Winfield Rd Ext.:** Created Concept Typical Sections, Created Templates to Run Model, Created Corridor and Surface, Set up Limits of Construction and Req'd ROW, Created Concept Plan/Profile Sheets and Cut Sheets, Created Traffic 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 Sings for Urban and Rural Areas. Tools: InRoads alignment tracking, Excel, MicroStation, MUTCD, Google Earth, LA Tax Assessor
05/22 – 05/23	**Downtown Connector-BR Sidewalk, Greenway, LA:** Quantities and Basic Drafting. Completed all quantities and summary sheets. Tools: InRoads alignment tracking, Excel, Google Eart
05/22 – present	**LSU Lab School SRTS Sidewalk Project:** Quantities and Basic Drafting. Completed all quantities and summary sheets. Tools: InRoads alignment tracking, Excel, Google Earth
10/22 – present	**E Milton Ave Roundabout @ Chemin Metairie Rd, Youngsville, LA:** Inlet Spacing and Pipe System, Proposal RAB Layout (Transition Lengths), Utility Coordination, PP Drafting. Creating Drainage Areas in Cut and Fill, Finding Runoff Coefficients using the Rational method, designing pipe networks to accommodate constraints, Laid out a RAB to help with man hour estimate, created 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 @ 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, Same experience as E Milton Tools: InRoads ss10, HYDRWIN, Excel, 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

16. Staff Experience

08/22 – present	**Chemin Metairie Pkwy @ Guillot Rd (Roundabout)**: Basic Drafting, Sequence of Construction Temporary Signing 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:** 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, La DOTD Standard plans
05/22 - present	**LA 544 and I20 (Overpass Replacement 4 RAB):** Signing Quantities and Basic Drafting. Checking Sign Quantities and Basic Mark Ups, Project was near completion when I arrived Tools: InRoads ss2 alignment tracking, Excel, MicroStation, MUTCD
Career History	Jacob recently joined our New Orleans office as an Engineer Intern working in our Transportation Department. Jacob was an intern in the Baton Rouge office from May 2022 through December 2022. After graduating in December 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	**Russ Bryan, ASLA**			Years of experience with this firm/employer	12
Title	Senior Project Manager			Years of experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization			BS/2002/Landscape Architecture		
Active registration number / state / expiration date			No. 18-0699 / LA / 01-31-2019		
Year registered	2014	Discipline	Landscape Architect/ Renderings		
Contract role(s) / brief description of responsibilities			Stage 3: Design, Preliminary/Final Plans Production		

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 - Present	**DOTD Design of Safety projects - 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. Mr. Bryan completed a typical section rendering for the client.
	Monroe Streetscape Improvements: This project included streetscape improvements between Forsythe Ave. and Louisville Ave. in the city of Monroe, LA. Mr. Bryan completed typical section and 3D renderings for three alternatives which would improve connectivity for ped and bike traffic and provide connections to park, school and other origin and destinations. Alternatives included road diets, shared lanes, paths, sidewalks, landscaping, curb extensions, bike lanes and more.
12/17 - 07/20	**South City Parkway Extension:** Mr. Bryan completed graphics for linear park as an alternative use of the extra greenspace associated with the project.
08/20 – 10/20	**I-10 & I-12 College Dr. Flyover Ramp Design-Build Project (S.P. H.013897.1);** This project required that we replace 3 trees for every single tree removed as part of the construction. Mr. Bryan assisted with the public/stakeholder outreach by providing he did the rendering of the full build for the project. He did the renderings and did the conceptual landscape design for the tree replacement plan required for the full build in the median and gore areas.
1/2018 - Present	**US Highway 49 Landscape Improvements Project, Hattiesburg, MS;** median and shoulder planting design along 2.5 miles through the City of Hattiesburg, MS, using Transportation Alternative Funding through Mississippi DOT and local partners, permit required and approved
01/2014 - 12/2014	**Mississippi State University South Entrance Road Project, Starkville, MS;** shoulder tree and screen/windbreak planting design along 3.4 miles of new 3-lane and 2-lane roadway, irrigation design at north and south termini
07/2013 - 03/2014	**Mississippi State University North Research Park Boulevard, Starkville, MS;** median and shoulder planting and irrigation design along 0.7 mile of new 3-lane roadway
08/2010 - 09/2012	**West 4th Street Reconstruction Phase 1, Hattiesburg, MS;** median planting design with decorative nosepoint paving along 1.0 mile of reconstructed 3-lane roadway, created plan view rendering for public review

16. Staff Experience:

05/2009 - 11/2011	**Planting & Irrigation design at various Mississippi Welcome Centers and Rest Areas for the Mississippi DOT**; I-59 (Pearl River County), I-55 (Pike & Panola Counties), I-20 (Warren County), US Highway 61 (Wilkinson County), and US Highway 78 (Itawamba County).
04/2009 - 11/2010	**Henderson Point Park (Harrison County, MS) & Ocean Springs Park (Ocean Springs, MS);** park design for approximately 8.0 acres at Henderson Point at base of Bay St. Louis Bridge in Harrison County including parking, sidewalks, pavilions, play equipment, site amenities and landscape design, parklet (small park) design at base of US Highway 90 Bridge in Ocean Springs, MS, including benches, signs and planting design.
09/2008 - 01/2009	**Jeff Davis Avenue Reconstruction, Long Beach, MS;** overall streetscape design including on-street parking, sidewalks, decorative paving and landscape design for 0.4 mile of 2-way roadway

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Justin LeBlanc**			Years of relevant experience with this employer	11
Title	Project Engineer / Planner			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				BS / 2011 / Geography and General Studies	
Discipline	N/A		Certifications	N/A	
Contract role(s) / brief description of responsibilities				GIS / Mapping & Graphics	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to this study:
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
12/22 - Present	**LA 89 at Chemin Metairie Road Improvements:** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for proposed roadway corridor improvements, which include a roundabout. Project is in Youngsville, LA.
09/22 - Present	**E. Milton Avenue Improvements:** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for proposed roadway corridor improvements, which include a roundabout. Project is in Youngsville, LA.
02/20 - Present	**W. Broussard Roundabout at Duhon Road (LA 724):** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for a proposed roundabout. Project is in Youngsville, LA.
01/23 - Present	**LA 383 Stage 0 Feasibility Corridor Study:** Mr. LeBlanc assisted in preparing maps and exhibits for project meetings. The maps provide avoidance information with oil and water well locations, locations of schools and parks. Also assisting in providing images and exhibits for Stage 0 Report. Project will focus on corridor improvements along the LA 383 corridor near the town of Iowa, LA in Calcasieu and Jefferson Davis Parishes.
07/21 – Present	**Earhart Expressway Masterplan Stage 0 Feasibility Study:** Mr. LeBlanc assisted in preparing maps and aerial exhibits for project meetings and reports. He assisted with the creation of centerline alignment on GIS imagery based on engineers designs and past studies. Project involves prioritizing several proposed projects along Earhart Expressway in Jefferson and Orleans Parishes.
07/21 - Present	**LA 10 Stage 0 Feasibility Improvements:** Mr. LeBlanc assisted in creating maps and exhibits for project prioritization meetings for multiple proposed projects for the LA 10 corridor in Bogalusa, LA. Mr. Leblanc also assisted in creating maps and images to be used in Stage 0 reports.
03/20 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation 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.
03/20 - Present	**I-69 Stage 0 Feasibility (Ellerbe Road to LA 1):** Mr. LeBlanc assisted with providing maps, images, and exhibits for project Stage 0 Reports. The project is in Caddo Parish, LA and involves the design of horizontal alignments for upgrading and extending existing roadway and intersection design. He provided avoidance maps with oil and water well data and other environmental sites.
03/20 - Present	**I-69 Stage 0 Feasibility (Stonewall-Frierson Road):** Mr. LeBlanc assisted with providing maps, images, and exhibits for project Stage 0 Reports. The project is in Desoto Parish, LA and involves the design of horizontal alignments for upgrading and extending existing

16. **Staff Experience:**

	roadway and intersection design. He provided avoidance maps with oil and water well data and other environmental sites.
Career History	Mr. LeBlanc joined Neel-Schaffer in 2012 and has 11 years of experience providing field support and GIS assistance to teams of biologists, engineers, and planners. Initially, he worked to collect GPS data in the field, incorporating and analyzing the data in ArcGIS for use in a variety of report presentations. At this time, he also provided field support for wetland delineations and wildlife habitat surveys. More recently, Justin's experience involves working closely with teams of engineers and planners to develop data and create maps for various reports. In this role, he is involved in the beginning (data development), middle (mapping the data), and end (creating digital deliverables) of each project. He also frequently provides a background of aerial images to colleagues proficient with MicroStation. Mr. LeBlanc's areas of expertise include: · **GIS applications and development** · **GIS aerial imagery** · **GPS data collection** **Field support for wetland delineations and wildlife habitat surveys.**

(Add rows as needed)

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Frank Standige, P.E.**			Years of experience with this firm/employer	5
Title	Senior Project Engineer			Years of experience with other firm(s)/employer(s)	30
Degree(s) / Years / Specialization			B.S. / 1982 / Civil Engineering / LSU		
Active registration number / state / expiration date			No. 0024023 / LA / 03/31/2024		
Year registered	1988	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Mr. Standige will perform constructability reviews on project deliverables and provide support during construction.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
02/20 - Present	I-20 @ 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 review and advice.
12/20 – 02/21	Juban Road Widening, Livingston Parish. Providing construction support. Mr. Standige was recently able to solve a drainage issue in the field during construction.
02/17 – 04/19	LNG Turn Lanes, LA 27 Permit Project, Cameron Parish – *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 (SPN'S 450-12-0100, 450-15-0103) - 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 in Jefferson Parish (SPN's 006-01-0012, 006-01-0018, 006-01-0021) - 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 (SPN 450-15-0089) – *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.

16. **Staff Experience:**

06/02 – 03/04	Clearview Pkwy - Causeway Blvd. (Auxillary Lanes) (SPN 450-15-0098) – *Project Engineer* for the construction of new concrete auxillary 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) (SPN 826-44-0024) 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 Dr. (SPN 450-15-0114) 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 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 has 30 years of roadway construction engineering experience working for Louisiana DOTD. He served as District Construction Engineer for 1 year, Area Construction Engineer for 5 years, Construction Project Engineer and Assistant Construction Project Engineer for 24 years. He is thoroughly familiar with all aspects of roadway construction for highways and bridges. He has managed the construction and rehabilitation of numerous complex DOTD projects including superstructures, highways, bridges and overpasses. He is an expert with the constraints imposed by federal and state statutes and regulations. He has been instrumental in developing many plans, specifications and is thoroughly knowledgeable of federal, state and local construction procedures and standards. During his time as Construction Engineer and Area Engineer, he managed the roadway construction of DOTD roads and bridges for his respective area and was responsible for managing project engineers' offices in the construction of multi-million-dollar construction projects. He worked closely with design engineers in reviewing their work for quality assurance and constructability. He approved payment estimates and plan changes in Site Manager, reviewed and approved contractor's CPM's, and schedules.
Training and Certifications	Certified in Work Zone Traffic Control Supervisor and Flagger

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.					
Name	**Lonny Territo**		Years of relevant experience with this employer	8	
Title	Senior Technician		Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization			Certified in Work Zone Traffic Control Supervisor, Technician and Flagger.		
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities			Data Collection as needed		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
01/22 - Present	**Cargill Reserve Pedestrian Crossing Traffic Study Reserve, LA :** Performed traffic and pedestrian counts.
10/20 - Present	**Hurricane Laura Signal Repairs:** Providing traffic signal damage assessment and CEI / monitoring services for signal repairs in Lake Charles from Hurricane Laura.
02/2019 - 03/2020	**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.
12/2017 - 03/2019	**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.
06/14 – 11/20	**Baton Rouge Computerized Signalization, Phases IV and V (Phase IV – 013-05-0043, 742-17-0125 & 258-02-0036, Phase VA – H.001609, Phase VB – H.007160)** 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 uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, – LA 39, LA 46 & LA 47 Corridor Improvements (28 intersections) (4400004829, Task Order H.011648.1/5)** Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, LA 39, LA 46 & LA 3021 Corridor Improvements (26 intersections), (4400004829, Task Order H.011642.5)** Performed traffic counts and traffic controller uploads.
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 uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, US 90, US 61 & LA 611-9 Corridor Improvements (20 intersections) (4400004829 Task Order H.011646.5)** Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, US 61 & LA 3154 Corridor Improvements (23 intersections) (4400004829 Task Order H.011514.5)** Performed traffic counts and traffic controller uploads.
08/14 – 08/17	**Retainer Contract for Traffic Signal Engineering, US 80 Traffic Control Signal Upgrades (4400004712)** Provided signal design plans and signal timing plans at 20 intersections along US 80 in Shreveport, LA. Performed traffic counts and traffic controller uploads.

16. Staff Experience

07/14 – 12/14	**Baton Rouge Computerized Signalization Phase VA – H.001609**, 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, (400000691 T.O. H.005750) 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 uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.005757) 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 uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.005759) 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 uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.010699) 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 uploads.
12/14– 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.010700) 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 uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.009321) 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 uploads.
Career History	Mr. Territo joined Neel-Schaffer in 2013 and has nine years of experience in the data collection field. Since joining Neel-Schaffer, Mr. Territo has provided a variety of transportation-related services, including data collection, construction inspection and traffic signal design. He also holds the following IMSA certifications: Work Zone, Traffic Signal Inspector, Certified Fiber Optic Technician, Traffic Signal Design/Engineering Tech. Level 2, Traffic Signal Senior Field Tech. Level 3 as will as is certified in Work Zone Traffic Control Supervisor, Technician and Flagger.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Karla E. Weston, PE		Years of relevant experience with this employer	18	
Title	President		Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering		
Active registration number / state / expiration date			31010 / Louisiana / March 31, 2024		
Year registered	2004	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Mrs. Weston will oversee the firms' role as a sub-consultant and make sure the work is completed to LADOTD standards.		

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 firms design, coordinate with the prime consultant and government agencies.
12/13 – 10/19	**H.02960 Gramercy Bridge, St. James Parish, LA**: Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project
02/14 - 02/15	**H.010620 I-49 Design Build, Lafayette, LA**: Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.
05/13 – 05/14	**H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA**: Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.
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 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 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.

16. **Staff Experience:**

12/11 – 4/12	**H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29** Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	**Picardy Avenue Extension–City/Parish of East Baton Rouge:** Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as wells as subsurface drainage design for approximately ½ mile.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Ralph Burgess, PLS		Years of relevant experience with this employer	12	
Title	Principal Land Surveyor		Years of relevant experience with other employer(s)	12	
Degree(s) / Years / Specialization			BS / 2004 / Industrial Design & Supervision, Southeastern LA University		
Active registration number / state / expiration date			5040 / Louisiana – September 30, 2024		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Burgess serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		

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 specified in the applicable MPR(s).
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Burgess served as the Survey Manager on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**:Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Mr. Burgess worked with SUE sub-consultant, TBS, as well as CD&C crews to obtain and incorporate all utility data as well.
08/21 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**:Mr. Burgess was the Survey Manager for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
7/17-12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Burgess served as Survey Manager for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
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. Burgess was the Survey Manager for 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. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.

16. **Staff Experience:**

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**: . Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
7/17-12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16-08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15-12/18	**H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16-12/17	**H.011235 I-49 South at Verot School Road, Lafayette, LA**: Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07//14-10/15	**H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Burgess served as Survey Manager on 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.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Chris Ballard, PLS		Years of relevant experience with this employer	8	
Title	Survey Project Manager		Years of relevant experience with other employer(s)	19	
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University		
Active registration number / state / expiration date			5033 / Louisiana – September 30, 2022		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Ballard serve as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		

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 specified in the applicable MPR(s).
09/01/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Ballard served as the firms Survey Project Manager on 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 serving Survey Project 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 has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 - 11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, **3D Terrestrial Scanning** was incorporated in conjunction with traditional means to complete the topographic

16. **Staff Experience:**

	survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 -09/17	**H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA**: Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing **3D Terrestrial Scanning**.
10/15 - 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	**260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA**: Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with **3D terrestrial scanning.**

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Madison Mills, PLS		Years of relevant experience with this employer	1+	
Title	Professional Land Surveyor		Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering		
Active registration number / state / expiration date			PLS 5293/LA/03/31/2025		
Year registered	11/15/2022	Discipline	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities.			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.		

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 specified in the applicable MPR(s).
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**:Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University The topographic data for this project was collected both traditionally and utilizing 3D Scanning.
08/21 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**:Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Mills served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
02/21 – 07/22	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	**H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.

16. **Staff Experience:**

02/21 – 07/22	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
07/21 – 11/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	**H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	**H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Bradley Jacobs, EI		Years of relevant experience with this employer	1	
Title	Engineering Intern		Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization			BS / 2015 / Civil Engineering		
Active registration number / state / expiration date			No. 0032456 / Louisiana / 09/30/2023		
Year registered	06/08/2015	Discipline	Engineering Intern		
Contract role(s) / brief description of responsibilities			Mr. Jacobs will process field crew data and finalize deliverables.		

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 specified in the applicable MPR(s).
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/15 – 05/15	**Albany Annex** - Worked on the boundary survey for extending the town limits of Albany, Louisiana. I went to the courthouse and did title research for the properties that were obtained for the annex. I set the new boundary lines for the new town limits. I also drew the map showing the boundary of the properties that were obtained.
06/15 – 06/19	**Pecue Lane** - Worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, I set where the monuments will be in the office. I also calculated the bearings and distances between each right of way monument. I also wrote the legal descriptions for the Right of Way and verified that it matches the maps. I also created the control sketch based off the traverse. All drawings were created up to DOTD Standards.
06/15 – 07/15	**Essen Lane Control** - Worked on Right of Way maps in the office and helped set monuments in the field. I set the points for all the right of way monuments in the office and then went to the field to assist the crews in staking out and setting the monuments 2021 Bellacosa Residential Subdivision - Generate Point file for the survey crew to stakeout the property corners for each lot within the subdivision.
04/21 – 05/21	**Jefferson and Corporate Interchange Survey** - Created the GPS control sketch that shows the traverse for the survey.
06/2021	**Pollard Branch** - Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps. Topographic Surveys
06/14 – 07/14	**I-12 to Bush** – Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Trent Norris	Years of relevant experience with this employer	9
Title	Senior Technician	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.	

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 specified in the applicable MPR(s).
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr.Norris served as the lead Survey Technician on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
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. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/16 – 10/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/15 – 12/18	**H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
01/16 – 07/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Scott Benton		Years of experience with this firm/employer	**6**
Title	Senior Technician		Years of experience with other firm(s)/employer(s)	**5**
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			ATSSA Traffic Control Supervisor, Technician & Flagger |	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Benton serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.	

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 specified in the applicable MPR(s).
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Benton served as the firm's lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
12/19 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
03/14 – 06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA**: Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
02/13 – 06/13	**H.005693 LA 447, Walker, LA**: Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.
10/14 – 12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
07/14 – 10/15	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Benton served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Philip Dupree	Years of relevant experience with this employer	11
Title	Survey Party Chief	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor	
Year registered	Discipline		
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
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**: r. Dupree was the Senior Party Chief & Field Coordinator for 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.
01/18-02/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Dupree 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.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.
10/15-12/2018	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.
01/16-08/2016	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.
10/16-11/2016	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.
07/14/10/2015	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.

16. **Staff Experience:**

05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Jason Stoehr	Years of relevant experience with this employer	5
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Technician, Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		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.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Stoehr is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Stoehr worked as Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
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.
01/18-01/2020	**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.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/16-01/2018	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
02/19 - 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA**: Mr. Stoehr served as a Jr. Party Chief 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.
7/17 – 12/18	**H.003184.5 I-10 Texas State Line East of Coone Gully:** Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Alex Wells		Years of relevant experience with this employer	3	
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization					
Active registration number / state / expiration date			ATSSA TCS, TCT, Flagger		
Year registered		Discipline			
Contract role(s) / brief description of responsibilities			Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.		

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 specified in the applicable MPR(s).
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/21 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
09/22 – 01/23	**(Proj# Not Available) BRMA Northwest Aviation Development**: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** . Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish**: Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
02/21 – 05/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Drennon Humphreys	Years of relevant experience with this employer	2
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		Flagger, TCT	
Year registered	Discipline		
Contract role(s) / brief description of responsibilities		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.	

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 specified in the applicable MPR(s).
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/21 – 06/21	**H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 05/21	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 01/22	**Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.
04/21 – 12/21	**Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 05/22	**H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Tracey Smith	Years of relevant experience with this employer	> 1 yr.
Title	Utility Coordinator	Years of relevant experience with other employer(s)	24 years
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered	Discipline		
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		*****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.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
03/23 – On-Going	**(Proj# Not Available) MSY Campus Wide Sewer Location**: Mr. Smith serves as the firms SUE field chief 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.
03/23 – On-Going	**(Proj# Not Available) W Broussard Road @ Duhon Road Roundabout**: Mr. Smith serves as the firms SUE field chief for the project. CD&C performed a QL-B Subsurface Utility Engineering (SUE) location including all applicable reports and exhibits in connection with the proposed West Broussard Road and Duhon Road Roundabout located in Lafayette Parish, Louisiana. QL-B utility designation was determined first with spot locations for QL-A to follow at a TBD date.
09/22 – On-Going	**(Proj# Not Available) BRMA Northwest Aviation Development**: Mr. Smith serves 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 standards set forth by City/Parish government for East Baton Rouge.
05/22 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Smith serves as the firms SUE field chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
05/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Smith serves 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.
01/11 – 12/21	**USIC** Mr. Smith served as a utility claims adjuster for damages for 10 years.
01/2000 – 1/11	**Utilquest** Mr. Smith served as the lead supervisor in charge of day to day operations for damage utility technicians performing underground utility locations of various utilities.
01/98 – 01/2000	**Sprint** Mr. Smith was a damage prevention technician for various communication utilities.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Clarence J. Goodspeed	Years of relevant experience with this employer	1 yr.
Title	Utility Coordinator	Years of relevant experience with other employer(s)	30 years
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		*****Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
03/23 – On-Going	**(Proj# Not Available) 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.
03/23 – On-Going	**(Proj# Not Available) W Broussard Road @ Duhon Road Roundabout**: Mr. Goodspeed serves as the firms SUE PM for the project. CD&C performed a QL-B Subsurface Utility Engineering (SUE) location including all applicable reports and exhibits in connection with the proposed West Broussard Road and Duhon Road Roundabout located in Lafayette Parish, Louisiana. QL-B utility designation was determined first with spot locations for QL-A to follow at a TBD date.
09/22 – 01/23	**(Proj# Not Available) BRMA Northwest Aviation Development**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
01/99 – 01/00; 1/01 – 12/03; 01/12 - 04/12; 01/13 – 03/22	**BHA Engineering** Damage prevention tech (Underground Locator) contracted to Demco Electric to locate their underground facilities.

16. **Staff Experience:**

01/2000 – 12/2000	**Wave Tech Geophysical Engineering** Conducted SUE work, vacuum excavation, ground penetrating radar, road pavement GPR, leak detection, researching utility prints, and conducting locates on military facilities and airports.
07/06-12/06	**Bron Construction** Assisted in maintenance, and new construction of Entergy Electric underground and some overhead lines.
12/03 – 07/06	**UtiliQuest LLC** Supervisor, Damage Investigator, State Claims Manager, and Operations Manager. Also, took part in negation of contracts.
04/12-12/12	**Fibore** Filled in as supervisor for burying Charter Communication service drop crews, installation of main and service drops with directional boring rig, assisted in settling property damage claims, and assisted in pointy of contact with Charter Construction personal.

Neel-Schaffer has a long history of providing various services to DOTD through retainer / IDIQ type contracts. Since 2004, we have been selected by DOTD for the following retainer / IDIQ contracts to perform traffic engineering, safety, Stage 0, and ITS services. These selections prove a strong and successful partnership between DOTD and NSI.

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	DIQ 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)
4400025298	IDIQ Contracts for Traffic Engineering

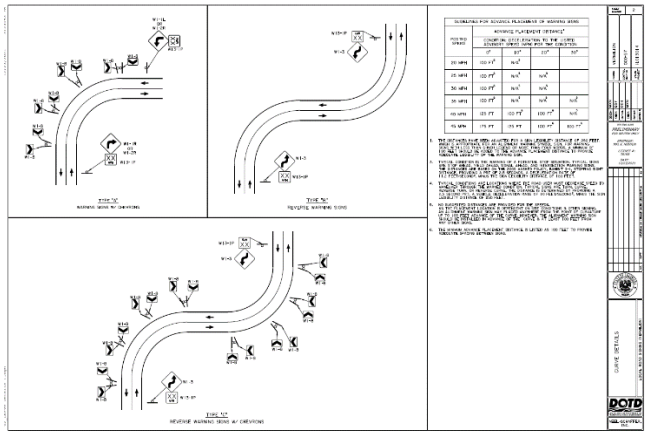
Section 17

Contract Nos. 4400026912
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Category(ies)*	Road, Traffic, Survey	
Project name	**IDIQ for Design of Safety Projects**		Firm responsibility (prime or sub?)	Prime	
Contract number	4400013850	Owner's name	Louisiana Department of Transportation and Development		
Project location	Districts 2, 61, and 62		Owner's Project Manager	Mark J. Morvant, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; (225) 379-1205; Mark.Morvant@LA.GOV				
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost ($1,000's)		$1500	
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm ($1,000's)		$1500	

This IDIQ contact with DOTD includes 11 separate projects which are contracted as task order contracts. 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 (preliminary and final Plans) and construction related engineering.



The following projects are included in this contract:

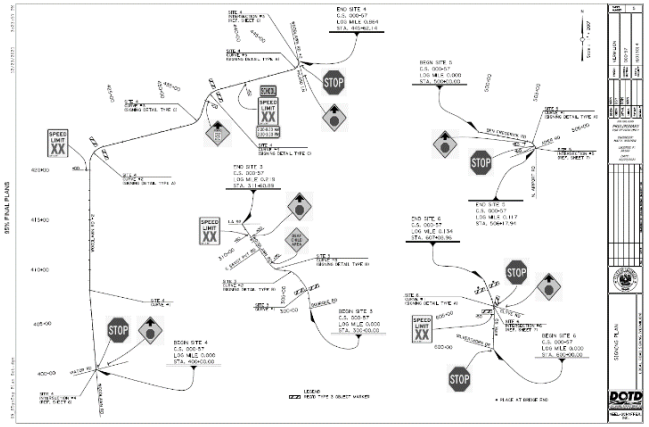
T.O. No. H.013014 – Local Road Signing (Vermilion) – This project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves.

T.O. No. H.010108.1 – Independence SRTS – Phase II – This 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.

T.O. No. H.013770 – LRSP (Iberia Parish and City of N.I.) – This project includes signage and striping for safety improvements along 30 Miles of roadway.

T.O. No. H.013713.1 – LA 60: Bogalusa H.S. Ped Improvements – 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.

T.O. No. H.013621 – W. 11th Avenue Ped and Bicycle Improvement – 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.



T.O. No. H.013621.1 – LRSP Signs, Striping and X-Overs (Gonzales) – This project will provide safety improvements (median modifications, pavement markings, signage) along S. Irma Boulevard and S. Purpera Avenue.

T.O. No. H.013751 – Downtown Greenway LA Connector (BR) – This 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.

T.O. No. H.009290 – LSU Laboratory School SRTS Project – This project includes shared use paths along Dalrymple Dr., sidewalks along Fraternity Dr., signage, striping and ADA-compliant handicapped ramps.

T.O. No. H.015011 – Local Road Signing (Ascension) – This project includes raised median installation, signage, and striping for safety improvements along 32 parish and local roadways in Ascension Parish.

T.O. No. H.014579 – FYA Signal Improvements (LCG) – This project includes the installation of flashing yellow arrows, cabinets, and detection systems for 28 intersections throughout Lafayette.

T.O. No. H.013622 – LSRP Ardenwood Dr. Road Diet (East Baton Rouge) – This project includes a study in connection with a road diet to include the installation of signs, striping, crossovers, pedestrian signals, and roadway improvements. The study will be used to develop reasonable tier 1 alternatives to mitigate the operational and safety issues.

Key Personnel: Jerry Trump, Nick Ferlito, Dishili Young, Chance Shuckrow, Scott Andrepont, Mai Nguyen, Gary LeBlanc, Josh Schexnider, Jonathan Duhe, Phil Graves, Barry Brupbacher, Jacob Thiaville

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Category(ies)*	Road, Traffic	
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 / DOTD		
Project location	Livingston Parish, LA		Owner's Project Manager	Peggy Paine, P.E.	
Owner's address, phone, email	P.O. 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	

Neel-Schaffer, Inc. (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 will widen existing LA 1026 (Juban Road) 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 proposed improvements include major cross drain extensions and 10-foot side paths on both sides of the roadway corridor. The intersection of La 1026 (Juban Road)/US 190 (Florida Blvd) will be improved with a roundabout in this project. This project will commence at the intersection of LA 1026 (Juban Road) and the I-12 north interchange ramps and continue to the intersection of LA 1026 (Juban Road) and US 190 (Florida Blvd) and end approximately 2,000 feet east and west along US 190 (Florida Blvd) from the intersection of LA 1026 (Juban Road). The various Tasks performed under this Stage 3 Design Contract are as follows:

Project Relevance - Designed using the DOTD guidelines and software; includes safety improvements (sidewalks, bike lane, shared use path, signage, pavement markings and roundabouts); completed for DOTD

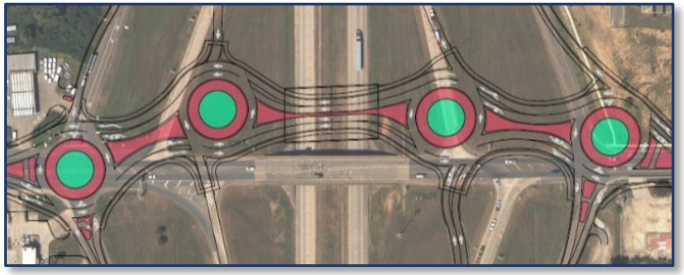
Part I: Surveying Services
Part II: R/W Acquisition and Utility Relocation
Part III: Preliminary Plans
Part IV: Final Plans
Part VI: Inspection Services
Part VII: Construction Proposal

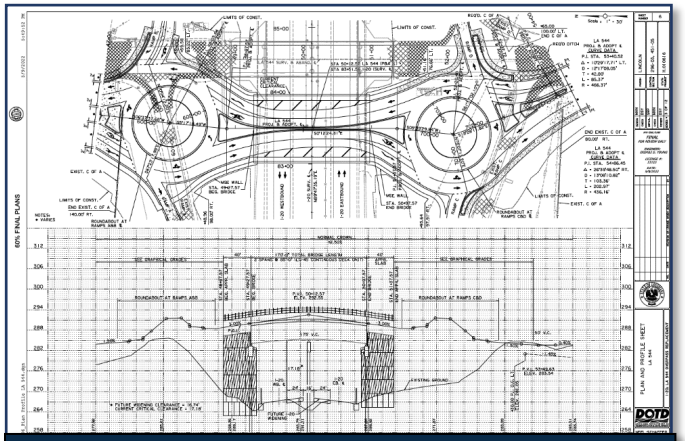
Key Personnel: Jerry Trump, Dishili Young, Chance Shuckrow, Scott Andrepont, Mai Nguyen, Josh Schexnider, and Charles Adams

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Category(ies)*	Road, Traffic	
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, P.E.	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; (225) 379-1065; peggy.paine@la.gov				
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost ($1,000's)		$1,064	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$990	

Neel-Schaffer 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 QA/QC, Sequence of Construction, hydraulic analysis and design,** and construction **cost estimates.**. This project will replace the LA 544 Overpass diamond interchange with a roundabout diamond interchange. The project includes a new bridge over I-20, roadway widening (from two to four lanes), sidewalks and four multilane roundabouts. The four roundabouts will be constructed with locations as follows: on LA 544 at the I-20 entrance/exit ramp intersections and on LA 544 at its intersections with the frontage roads (Woodward Avenue & S. Service Road). The bridge design and retaining wall design will be completed by DOTD.





Project Relevance - Designed using the DOTD guidelines and software includes safety improvements (sidewalks, bike lane, shared use path, signage, pavement markings and roundabouts); and completed for DOTD

Challenges:

1. Large grade changes required along ramps without impacts to the gores.
2. Structural design by DOTD while roadway design is completed by consultants.

Solutions:

1. 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.
2. 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 simplified the bridge design effort for DOTD while minimizing impacts. NSI and DOTD are working as one team to successfully complete the project.

Key Personnel: Jerry Trumps, Dishili Young, Mai Nguyen, Chance Shuckrow, Scott Andrepont, Josh Schexnider, and Frank Standige

17. Firm Experience:

Firm Name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Discipline(s)*	**Traffic**	
Project name	**Retainer for Signal Timing Studies: Districts 61, 62 & 02**		Firm responsibility (prime or sub?)		Prime
Project number	**4400000691 / 440001777**	Owner's name	**Louisiana Department of Transportation and Development**		
Project location	**Statewide**		Owner's Project Manager	**Joshua Harrouch**	
Owner's address, phone, email	**P.O. Box 94245, Baton Rouge, LA 70804; 225-242-4640; joshua.harrouch@la.gov**				
Services commenced by this firm (mm/yy)	**02/09**	Total consultant contract cost ($1,000's)		**$3,000**	
Services completed by this firm (mm/yy)	**01/17**	Cost of consultant services provided by this firm ($1,000's)		**$3,000**	

Under these retainer contracts, NSI develop and implemented new traffic signal timing plans studies for the following task orders.

Contract 4400000691

- T.O. H.005750 – LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections)
- T.O. H.005757 – US 11, Slidell, LA (16 intersections)
- T.O. H.005760 – US 61, New Orleans, LA (20 intersections) (Completed)
- T.O. H.005759 – LA 44, Gonzales, LA (10 intersections)
- T.O. H.010699 – LA 19, Baker, LA (10 intersections)
- T.O. H.010700 – US 425, Vidalia/Ferriday, LA (11 intersections)
- T.O. H.009321 – LA 3124/LA 60/LA 10/LA 16, Bogalusa, Amite, Franklinton, Kentwood, Amite, LA (32 intersections)

Contract 4400001777

- T.O. H.005756 – LA 526, Shreveport, LA (8 intersections)
- T.O. H.005757 – LA 3, Bossier City, LA (11 intersections)
- T.O. H.011099 – LA 3105, Bossier City, LA (19 intersections)
- T.O. H.011099 – LA 72, Bossier City, LA (9 intersections)
- T.O. H.011099 – LA 1, Shreveport, LA (17 intersections)
- T.O. H.011099 – US 171, Shreveport, LA (29 intersections)

NSI was responsible for developing 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. The Initial Data Report included the collection of traffic data including 7-day, 24-hour counts, intersection inventories, crash summaries, warrants analysis and peak hour period determinations. The Final Collection Data Report included the AM, Noon, and PM peak turning movement counts, clearance interval calculations, summary of peak hour observations and travel time studies. The recommended signal timing report included **proposed signal timing plans** (cycle length, splits and offsets) for each peak hour for each corridor developed using **SYNCHRO and Tru-Traffic**. Also included were new TSI's for each intersection with the recommended signal timing. Once the proposed signal timings were approved by DOTD, NSI personnel programmed the existing controllers with the proposed signal timings using the **Trafficware Streetwise software**.

NSI personnel performed post travel time runs and peak hour observations to assure the proposed signal timings operated as anticipated.

Project Relevance – IDIQ Design of Safety Projects includes Signal Design Task Orders; This project was designed using the DOTD guidelines; includes safety improvements; completed for DOTD

Key Personnel: Jerry Trumps, Nick Ferlito, Jonathan Duhe, Lonny Territo

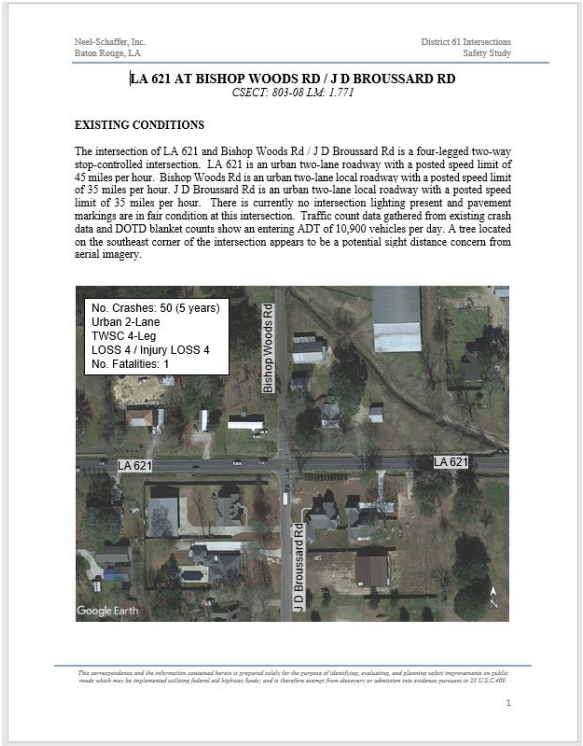
17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		**Past Performance Evaluation Discipline(s)***		Planning (Safety)
Project name	**District 61: Intersection Safety Studies**		**Firm responsibility (prime or sub?)**		Prime
Project number	4400010504, H.014684.1	**Owner's name**	LADOTD		
Project location	District 61		**Owner's Project Manager**	Trey Jesclard	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; (225) 379-1445, Trey.Jesclard@LA.GOV				
Services commenced by this firm (mm/yy)	7/21	**Total consultant contract cost ($1,000's)**			$60
Services completed by this firm (mm/yy)	On-Going	**Cost of consultant services provided by this firm ($1,000's)**			$60

This study evaluated the following intersection locations in District 61 to evaluate and develop recommended intersection improvements to reduce crashes.

- LA 19 at Rafe Mayer Road
- LA 1 at Phillips Lane
- LA 1 NB at LA 75
- LA 1 SB at LA 75
- US 190 at Monterrey Blvd.
- LA 64 at LA 67
- LA 74 at LA 938
- LA 621 at George Rouyea Road
- LA 621 at Bishop Woods

Each intersection study evaluated historical crash data using DOTD's Cat Scan safety tool to identify overrepresented crash types. Intersection type countermeasures were developed to mitigate these crash types using crash modification factors (CMF) from the Highway Safety Manual (HSM) and the CMF Clearinghouse. For the selected countermeasures, estimated crash reductions, high level estimated improvement costs, and safety benefit/cost ratios were determined. The safety benefit/cost ratios along with District input will be used to develop recommended countermeasure at each location. The safety benefit/cost analysis was performed using the **Countermeasure Evaluation Tool (CET) developed by NSI** during the District 08 Safety Investment Plan. Detailed reports will prepared for each location documenting the existing safety analysis, countermeasures considered, high level cost estimates for each countermeasure and the recommended countermeasure for each intersection.



Neel-Schaffer, Inc.
Baton Rouge, LA

District 61 Intersections
Safety Study

LA 621 AT BISHOP WOODS RD / J D BROUSSARD RD
CSECT: 803-08 LM: 1.771

EXISTING CONDITIONS

The intersection of LA 621 and Bishop Woods Rd / J D Broussard Rd is a four-legged two-way stop-controlled intersection. LA 621 is an urban two-lane roadway with a posted speed limit of 45 miles per hour. Bishop Woods Rd is an urban two-lane local roadway with a posted speed limit of 35 miles per hour. J D Broussard Rd is an urban two-lane local roadway with a posted speed limit of 35 miles per hour. There is currently no intersection lighting present and pavement markings are in fair condition at this intersection. Traffic count data gathered from existing crash data and DOTD blanket counts show an entering ADT of 10,900 vehicles per day. A tree located on the southeast corner of the intersection appears to be a potential sight distance concern from aerial imagery.

Key Personnel: Jerry Trump (Officer In Charge), Nick Ferlito (Project Manager), Sen Skaikay (Safety Analysis and Report Preparation), William Fulcher (Safety Analysis and B/C analysis), and Peter Allain (Countermeasure Selection and QA/QC),

17. Firm Experience:

Firm name	**Civil Design and Construction, Inc.**		Past Performance Evaluation Discipline(s)*	**Survey**	
Project name	**US 190 Superstreet**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.005733**.5	Owner's name	**LADOTD**		
Project location	**St. Tammany Parish, LA**		Owner's Project Manager	**Josh Harrouch**	
Owner's address, phone, email	**1201 Capitol Access Rd., Baton Rouge, LA 70802/2225-379-123/Joshua.harrouch@la.gov**				
Services commenced by this firm (mm/yy)	**01/16**	Total consultant contract cost ($1,000's)		**N/A**	
Services completed by this firm (mm/yy)	**08/16**	Cost of consultant services provided by this firm ($1,000's)		**$207**	

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

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

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

Members Involved: Karla Weston, PE, Ralph Burgess, PLS, Survey Manager; Christopher Ballard, PLS Survey Project Manager; Philip Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician

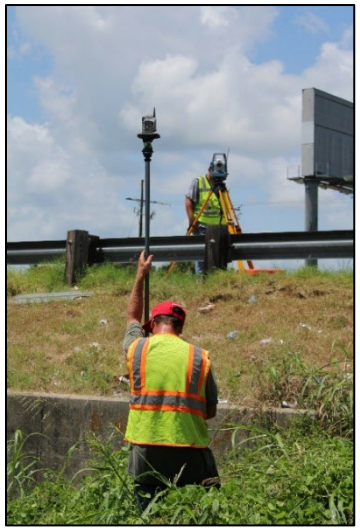
Performed in LA: 100%

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

17. Firm Experience:

Firm name	**Civil Design and Construction, Inc.**		Past Performance Evaluation Discipline(s)*	**Survey**	
Project name	**I-10: LA 415 to Essen Lane on I-10 and I-12**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.004100**	Owner's name	**LADOTD**		
Project location	**West and East Baton Rouge, LA**		Owner's Project Manager	**Nicholas Olivier**	
Owner's address, phone, email	**1201 Capital Access Rd, Baton Rouge, LA 70802 / 225-379-1232 / Nicholas.olivier@la.gov**				
Services commenced by this firm (mm/yy)	**01/18**	Total consultant contract cost ($1,000's)		**N/A**	
Services completed by this firm (mm/yy)	**01/20**	Cost of consultant services provided by this firm ($1,000's)		**$296**	

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



Project Description: This project is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, LA. A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits.

CD&C's Role: 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. **This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.**

Member's Involved: Karla E. Weston, P.E.; Ralph Burgess, PLS. Christopher Ballard, PLS; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D scanning technician; John Ewing, Survey Tech

Performed in LA: 100%

17. Firm Experience:

Firm name	**Civil Design and Construction, Inc.**		Past Performance Evaluation 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)	**01/18**	Cost of consultant services provided by this firm ($1,000's)		**$435**	

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

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

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

Members Involved: Karla Weston, PE; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; John Ewing, Survey Tech; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief;

Performed in LA: 100%

The image to the right is from a traffic signal inventory and signal timing /implementation project in DeRidder, LA. The following statements were include in our project evaluation.

"The consultant was well organized at meetings with DOTD and is able to answer questions regarding the project. Work is done at a high quality and we are confident in the analysis performed. The submittals to DOTD are highly legible and represent a high quality of accuracy and professional presentation of plans, reports, studies and documents. Overall, District 07 traffic offices rates the project as exceptional and exceeded expectations, especially considering alternatives consisted of low cost improvements easily performed by district personnel and the benefit of a 28% overall descrease in delay/travel time across the corridor."

DOTD Road Design Performance Review Quote for Road Design Services: 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."

Section 18

Contract Nos. 4400026912
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS

BACKGROUND

The Design of Safety Projects program includes task order projects which require feasibility studies, planning/environmental services, design services, and engineering design support during construction. The task order projects included in this program include but are not limited to sidewalks and the associated drainage, signing and striping, pedestrian crossings, traffic signals, shared lanes, and shared paths. We are currently providing these services for 11 task order projects as part of our existing Design of Safety Studies projects IDIQ contract and collectively we have worked on **over 140 projects with safety improvements**. We understand the approach to completing these projects and have provided a summary in the sections which follow.

APPROACH AND METHODOLOGY

We understand that the required deliverables vary based on project complexity. In the sections which follow we provided an all-inclusive approach to delivering the project with the understanding that *these submittal stages and the level of detail for each submittal will vary based on the project complexity.* We will work with the DOTD PM to ensure that the scopes for each task order project are appropriately scaled down when possible based on the project complexity.

The DOTD PM can request that we provide services for task orders which are at the Stage 0 feasibility phase or at the Stage 3 design phase. We have successfully executed services for projects which we begin working on at the feasibility stage and at the design stage. This means we understand the value of a detailed, clearly presented feasibility study, that can be easily transitioned to a separate consultant, when required. Regardless of the initial project stage or services required, we are prepared to provide services for every stage and project type.

Stage 0: Feasibility Study:

Project Feasibility Reports – When requested by the DOTD PM, we will complete a feasibility study for the task order projects. The Feasibility Study phase will begin with a kickoff meeting attended by the DOTD PM, the entity and NSI. During the feasibility study kickoff meeting the application will be reviewed, the LPA Responsible Charge confirmed, scope of work reviewed, right of way limits will be requested from the entity, and the components of the feasibility study will be reviewed. The feasibility study will include the following:

- a detailed scope and description,
- layout map,
- cost estimate for engineering, construction and construction engineering and inspection,
- anticipated index to plan sheets and schedule.
- The feasibility study will also update the safety analysis (crash data) presented in the application.

The feasibility study helps ensure only projects which can feasibly be constructed advance to design and should identify any issues which need to be resolved during design. The feasibility report will be completed in conformance with the latest version of "LRSP Local Road Safety Program and SRTPPP Safe Route to Public Places Program". The draft feasibility study will be submitted to DOTD and the local entity for review and the final feasibility study will be submitted after the comments have been addressed. We have worked on **over 50 Stage 0 projects with safety improvements.**

Traffic Studies – When requested by the DOTD PM we will obtain traffic data counts, pedestrian counts, conduct speed studies, signal warrant analysis and ball bank studies. Turning movement counts may be required (for proposed signalized or roundabout intersections)

- We will use Cat Scan to evaluate the latest 3 years of crash data to identify trends in crashes. Crash reports will be read and analyzed including a QA of Cat Scan to a Quality Assurance of 90%. In addition, collision diagrams will be prepared as needed. Based on the trends and types of crashes identified NSI staff is efficient with using DOTD's Cat Scan tool and has attend DOTD's training on the tool. NSI staff is also efficient in access DOTD and local crash data from Crash1 and Crash3 (local) databases.
- If traffic operation analysis is required, NSI will perform this analysis in accordance with DOTD's Traffic Engineering Report and Process (TERP) for developing data collection, existing and no build analysis, and alternative analysis deliverables. Based on existing and no build traffic analysis, NSI will develop a list of alternatives to be evaluated to improve operations. All NSI traffic staff has attended and passed the DOTD TERP training course.

Stage 1: Planning /Environmental

The environmental clearances and permits for these projects are typically obtained by others and require minimum effort due to the project type. In this situation, the consultant only plays a supportive role. We have played this supportive role for the Design of Safety projects by providing the information required to obtain driveway permits and other similar permits. However, we are prepared to complete all services required for permit plans and permit preparation, if requested. We have experience in both complex and simple permitting services and understand the approach.

Permit Plans - When requested by DOTD we will provide services to provide documents, plans and or sketches and any pertinent information necessary for requesting permits to include but not limited to Coastal Use Permits, Corps of Engineer Permits and/or railroad permits, to be submitted by DOTD or local entity. We have provided this type of support to DOTD on other projects and we have also completed the services independently when required.

Permit Preparation – When requested we will complete the draft applications for the Coastal Use Permits and/or Corps of Engineer Permits or other permits including

railroad permits, to be submitted by DOTD or local entity. One recent example, is where have successfully obtained a 404 Permit and Coast Guard permit with no-rise certification for a new roadway and bridge crossing the Vermilion River recently as part of an EA and road design project we completed for the City of Lafayette.

DOTD Project Manager Performance Review Quote for Road Design Services: NSI "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."

Design Services:

Pre-Design Services - When requested by the DOTD PM, we will complete the design services for the task order projects. Prior to beginning the design services, we will review all past studies and available project information and immediately inform the PM of potential issues. This early coordination with the DOTD PM saves DOTD engineering fees which would potentially be spent towards projects which require additional refinement, permits, or coordination with agencies. We have already successfully completed this for several task orders under our existing IDIQ and saved DOTD engineering fees. One example is the H.013621 LTSP Signs, Striping & X-overs (Gonzales) which included design services to provide safer access to East Ascension High School (EA). Prior to the kick-off meeting we coordinated with the City of Gonzales to confirm our suspicions that this project may possibly no longer be required due to recent construction at EA. Once confirmed, we coordinated with the DOTD PM to help terminate the engineering services task order contract, saving DOTD engineering fees for services which were no longer required.

Design Kickoff Meeting: NSI will attend the kick-off meeting where the project background, communication protocols, project schedule and submittal stages will be discussed. This meeting provides an opportunity to confirm the expectations of 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. The ROW width will be requested from the applicant at this meeting for incorporation into the plans.

The DOTD PM will provide the NTP and prior to the Kickoff meeting a draft version of the schedule will be completed. In addition, a list of anticipated deliverable items on submittal stages will be determined.

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. This site visit is completed immediately following the kick-off meeting. Items like the posted speed, and potential sight distance issues will also be documented.

Survey Services: Our subconsultant, CDC, will complete the surveying services, including existing drainage mapping. This task will begin with obtaining the numbered schedule field survey books from DOTD and a submittal of 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 LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site.

Topo surveys are required for all sidewalk projects but are not included in projects for signing and striping plans. Typically, the topo survey limits will only extend from the centerline of the roadway towards the side of the road with proposed sidewalks. The survey will be completed for each of the intersection quadrants at intersections with existing walks to allow for the construction of ADA compliant ramps.

NSI recognizes that DOTD has plans to move towards OpenRoads Designer and all the Connect editions of the Bentley products. NSI continues to work in InRoads SS2 as this is the version that DOTD is currently using and it allows DOTD easy utilization of NSI's electronic files. However, we are prepared to make that transition simultaneously with DOTD. This is just a minor example of how NSI executes projects in a way that keeps the client needs in mind.

Existing Data Review: While the topographic survey is being completed, we will complete a review of the existing data (if available) such as 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:

The approach to plan development for these projects are unique. They provide the most effective use of resources by minimizing the number of plan submittal stages. For example, depending on the proposed improvements the first submittal may be a 95% Preliminary Plan submittal, which allows for environmental clearance and expedited project delivery. If projects include more complex improvements (such as, pavement widening and drainage) additional submittals like the standard 60% Preliminary Plans submittal may be required in addition to the 95% Preliminary Plan submittal. We are currently working on **over 20 projects which include Safety improvements and require Stage 3 services.**

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.

Our *roadway engineering design* will be completed in conformance with the latest requirements of the AASHTO Guide for the Planning, Design and Operation of Pedestrian Facilities, AASHTO Guide for the Development of Bicycle Facilities, *LADOTD Roadway Design Procedures and Details*, the LADOTD Engineering Directives and Standards (EDSMs), the *American Association of State Highway and Transportation Officials (AASHTO) Policy on Geometric Design of Highways and Streets*, and *AASHTO Roadside Design Guidelines*. When required, we will coordinate with Chris FaKouri, State Ped, Bike and Transit Design Expert and Herb Piller regarding tree protection and arborist services. 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 (SS2). The DOTD PM will most likely provide access to past Design of Safety Project bid tab data. However, if required, we are prepared to complete our construction cost estimates utilizing the DOTD standard bid items and the DOTD's Bid history estimate tool, with consideration for the project location and magnitude of items.

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.

30% Preliminary Plans (if required): We understand that the required deliverables vary based on project complexity. Typically, 30% preliminary plans are not required for the Design of Safety Projects program. However, the RFP scope of work references roundabouts as a potential proposed improvement and these are the types of projects which greatly benefit from 30% preliminary plan submittals. We will provide 30% Preliminary Plans (if required) for more complex task orders. However, if the project managers agree, for the less complex projects, we will proceed with the development of 60% or 95% 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 warranted, 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.

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, 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 provided by CDC. The pavement section (when required) 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. We have recently provided drainage design along multiple roadways as part of our IDIQ retainer contract.

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. 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.

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.

DOTD Road Design Performance Review Quote for Road Design Services: 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."

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. Typically, the Design of Safety Projects do not require right-of-way. These improvements take place within the existing right-of-way and any required right-of-way are obtained by the Entity. However, the RFP scope of work includes this service, and we are prepared to offer it, if requested by the DOTD PM. 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.

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.

While it is not anticipated that non-standard specifications will typically be required for these projects, we are able to provide these specifications as part of this submittal. We have recently provided specifications for two Design of Safety Projects. Adjusting Sanitary Sewer Cleanouts for our Downtown Greenway LA Connector (H.013751) project and Wheel Stops for our Independence SRTS (H.010108) project. We have included staff capable of providing both water and wastewater design to meet any project specific requirement.

Since these projects typically need to fit within existing right-of-way, unique solutions are frequently required to provide a compact design that meets ADA requirements and minimizes impacts to significant trees. We have included staff to assist with the structural design components, which have frequently helped to accomplish this goal. Our staff have provided special curb, retaining walls, special catch basins, handrail, and other details under our existing IDIQ and with the use of this same structural staff.

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).

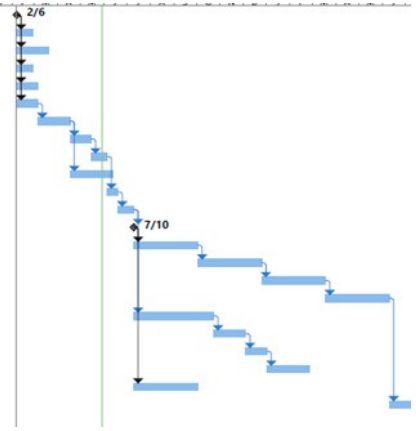
98% Final Plans: We will address the ACP comments and complete the final cost estimate, provide the SWPPP form, NOI form, and provide the DOTD Contract Time Worksheet. During this phase, the Plan Quality Unit will review and once approved, we will produce the 100% Final Plan Set for the Chief Engineer's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

NTP Preliminary Plans	0 days	Mon 2/6/23	Mon 2/6/23
Kickoff Meeting	15 days	Mon 2/6/23	Mon 2/27/23
Topographic Survey	30 days	Mon 2/6/23	Mon 3/20/23
Site Visit/Study Existing Data	15 days	Mon 2/6/23	Mon 2/27/23
Geotechnical Services -Typically not required	20 days	Mon 2/6/23	Mon 3/6/23
Preliminary Plans (30%) - Typically not required	20 days	Mon 2/6/23	Mon 3/6/23
Preliminary Plans (60%) - For Sidewalk Projects ONLY	30 days	Mon 3/6/23	Mon 4/17/23
Preliminary Plans (95%)	20 days	Mon 4/17/23	Mon 5/15/23
Plan-in-Hand Meeting	15 days	Mon 5/15/23	Mon 6/5/23
Property Survey - Typically not required	40 days	Mon 4/17/23	Mon 6/12/23
Environmental Support/Permitting	10 days	Mon 6/5/23	Mon 6/19/23
Preliminary Plans (100%)	15 days	Mon 6/19/23	Mon 7/10/23
NTP Final Plans	0 days	Mon 7/10/23	Mon 7/10/23
Final Plans (60%)	60 days	Mon 7/10/23	Mon 10/2/23
Final Plans (95%)	60 days	Mon 10/2/23	Mon 12/25/2
Final Plans (98%)	60 days	Mon 12/25/2	Mon 3/18/24
Final Plans (100%)	60 days	Mon 3/18/24	Mon 6/10/24
R/W Maps -Typically not required	75 days	Mon 7/10/23	Mon 10/23/2
DOTD Approval of Title Take Off - Typically not required	30 days	Mon 10/23/2	Mon 12/4/23
Appraisals -Typically not required	20 days	Mon 12/4/23	Mon 1/1/24
Negotiations -Typically not required	40 days	Mon 1/1/24	Mon 2/26/24
Utility Agreements -Typically not required	60 days	Mon 7/10/23	Mon 10/2/23
Letting	60 days	Mon 6/10/24	Mon 9/2/24
Construction (Exact TBD)	182 days	Mon 9/2/24	Wed 5/14/25



We have included landscaping services to allow us to meet any project need including renderings or tree planting layouts. We have completed a typical section rendering as part of our existing IDIQ for the design of safety projects.

*Section **19-23***

Contract Nos. 4400026912
IDIQ CONTRACTS FOR THE DESIGN OF SAFETY PROJECTS

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Neel-Schaffer, Inc.	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide (PRIME)	$56,237
Neel-Schaffer, Inc.	ITS	440005459, H.004780.5 EWL No. 6, H.004780.5	Kansas Lane Connector	$5,644
Neel-Schaffer, Inc.	Traffic	4400010428 S.A. 4, H.004774; H.007300.6	Kansas Lane - Garrett Road Connector and I-20 Improvements SUB)	$3,501
Neel-Schaffer, Inc.	ITS	4400010428 EWL #3; H.004774.5, H.007300	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	$4,292
Neel-Schaffer, Inc.	Road	4400013850, H.009290.5	LSU Lab School SRTS Project	$15,000
Neel-Schaffer, Inc.	Planning	4400015733, H.972374.1	Local Public Agency Documented Planning Process, Statewide	$230,393
Neel-Schaffer, Inc.	Road	4400017293, H.010616	I-20: LA 544 Overpass Replacement	$26,300
Neel-Schaffer, Inc.	ITS	4400016364, H.013256.6	ITS: I-10 ITS Scott to Lake Charles Technical Support Services During Construction	$17,369
Neel-Schaffer, Inc.	ITS	4400016364, H.011504.5	Alexandria ITS Phase 2	$115,241
Neel-Schaffer, Inc.	Traffic	44-17438, H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville & WBR	$21,269
Neel-Schaffer, Inc.	Traffic	4400013850, H.014579.5	FYA Signal Improvements (LCG)	$0
Neel-Schaffer, Inc.	Traffic	4400013850, H.013622.5	LRSP Ardenwood Dr. Road Diet	$11,979
Neel-Schaffer, Inc.	Traffic	4400018271, H.014746.1	LA 383 Corridor Study	$25,320
Neel-Schaffer, Inc.	Planning	4400018271, H.014746.1	LA 383 Corridor Study	$83,976
Neel-Schaffer, Inc.	Road	4400013850, H.013751	Downtown Greenway LA Connector	$0
Neel-Schaffer, Inc.	Road	4400013850, H.013770	LSRSP Signing and Striping - Iberia Parish	$0
Neel-Schaffer, Inc.	Safety	440023689, H.015148.5	District 03 Safety Investment Plan	$282,914
Neel-Schaffer, Inc.	Planning	4400021094	Update Statewide Transportation Plan and Travel Demand Model	$316,294
Neel-Schaffer, Inc.	Safety	4400023689, H.015227.5	US 61 @ Victoria Dr. Ped Crossing	$111,462
Neel-Schaffer, Inc.	Traffic	4400026458, H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	$169,073
Neel-Schaffer, Inc.	Road	4400013850, H.015011.5	Local Rd. Striping & Signing (Ascension)	$3,759
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	89,482
Civil Design & Construction, Inc.	Surveying	H.011833.5	St. Mary Street Sidewalks	3,236

Civil Design & Construction, Inc.	Surveying	H.011235.5	I-49 South @ Verot School Rd	198,880
Civil Design & Construction, Inc.	Surveying	H.011235.5	I-20: UPRR Overpass	317,022

20. Certifications/Licenses:

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank**.

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

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

Vijay Kunada

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

Vijay Kunada

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

Vijay Kunada

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: December 17, 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

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

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 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

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

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

DOTD
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

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

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

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

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

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section andĚ was not required by the advertisement, it will be redacted**.

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	225-765-1803

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,Ě leave this section blank. Any information included in this section will be redacted if not required by the advertisement**.