

January 29, 2026

PROPOSAL

## Engineering and Related Services

### IDIQ CONTRACT FOR VULNERABLE ROAD USER (VRU) TECHNICAL ASSISTANCE STATEWIDE

Contract No. 4400034080

**40**

Stage 0 Studies  
Completed in 10 years

**18**

VRU High Injury  
Networks developed  
since 2022

**50+**

NS has over 50  
employees in  
Louisiana

**650+**

NS has more than 650  
employees across the  
company

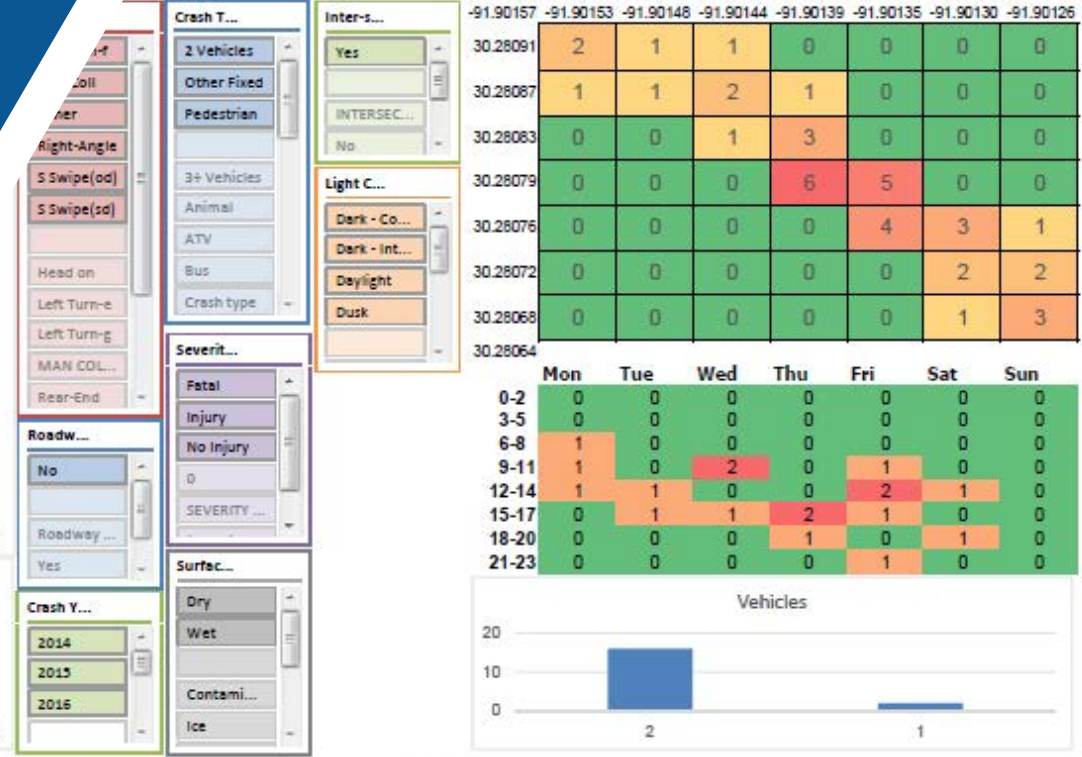
#### Project Manager

Ellen Soll, AICP  
ellen.soll@neel-schaffer.com  
504.610.3765





## Crash History Dashboard



## 0. Crash History Dashboard



# Sections 1-11

## IDIQ CONTRACT FOR VULNERABLE ROAD USER (VRU) TECHNICAL ASSISTANCE STATEWIDE

Contract No. 4400034080

We will complete traffic and safety studies in accordance with DOTD's TEPR. The image was taken from a Stage 0 study completed by NS.

# DOTD FORM: 24-102

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

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

<b>1. Contract Name</b> as shown in the advertisement	<b>IDIQ Contract for Vulnerable Road User (VRU) Technical Assistance Statewide</b>
<b>2. Contract Number(s)</b> as shown in the advertisement	<b>4400034080</b>
<b>3. State Project Number(s)</b> , if shown in the advertisement	<b>N/A</b>
<b>4. Prime consultant name</b> (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	<b>Neel-Schaffer, Inc.</b>
<b>5. Prime consultant license number</b> (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	<b>EF.0001372</b>
<b>6. Prime consultant mailing address</b>	10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810
<b>7. Prime consultant physical address</b> (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810
<b>8. Name, title, phone number, and email address of prime consultant's contract point of contact</b>	<b>Ellen Soll, AICP</b> <i>Senior Planning Manager</i> ellen.soll@neel-schaffer.com 504.610.3765
<b>9. Name, title, phone number, and email address of the official with signing authority for this proposal</b>	<b>Vijay Kunada, PE, PTOE, PTP</b> <i>Executive Vice President / Planning Discipline Lead</i> vijay.kunada@neel-schaffer.com 337.322.9855



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

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

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.



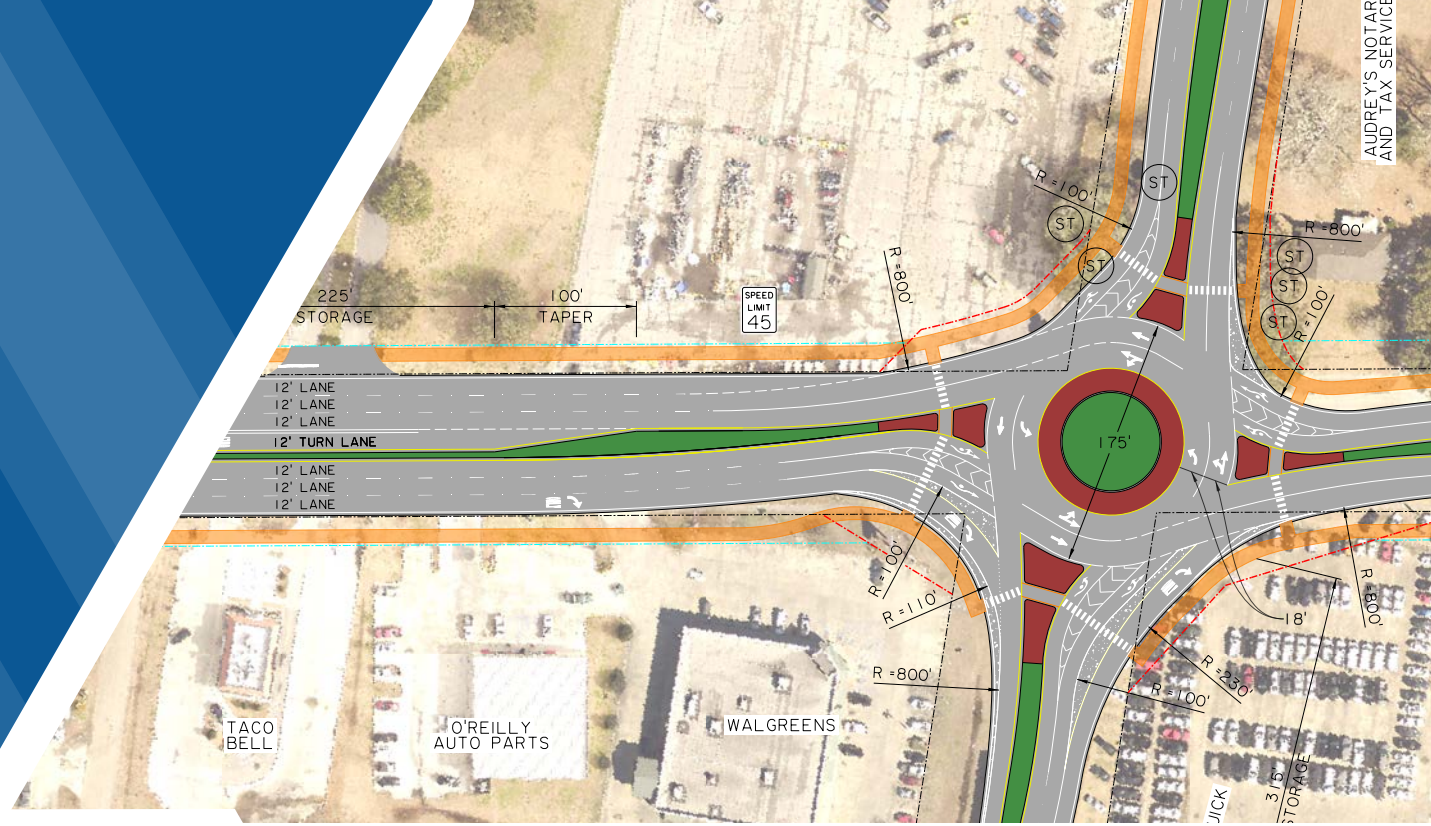
Signature above shall be the same person listed in Section 9:

Date: **January 29, 2026**

FIRM	FIRM PERCENT
No DBE Goal Required	N/A



The upper picture at right shows exhibits from the LA 328 (Rees Street) Corridor Study and Plan; the project includes improving LA Hwy. 328/Rees Street from Latiolais Road to E Bridge Street. This project included roundabouts, sidewalks, and a bike path.



## Sections 12-15

Contract No. 4400034080

### IDIQ CONTRACT FOR VULNERABLE ROAD USER (VRU) TECHNICAL ASSISTANCE STATEWIDE

The lower picture at right shows a pedestrian bridge over Highway 90 designed by Neel-Schaffer. The bridge connects the Gulfport Transit Center, Mississippi Aquarium, and Jones Park.






12. DISCIPLINE TABLE:

Discipline	% of Overall Contract	Neel-Schaffer, Inc.	Toole Design Group, LLC	Vectura Consulting Services, LLC	Each Discipline must total to 100%
<b>Planning</b>	71%	64%	36%	0%	100%
<b>Road</b>	10%	100%	0%	0%	100%
<b>Traffic</b>	11%	44%	0%	56%	100%
<b>Environmental</b>	5%	100%	0%	0%	100%
<b>Data Collection</b>	3%	0%	0%	100%	100%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	66.19%	24.81%	9%	



13. TEAM SIZE:

Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
 <p>Neel-Schaffer, Inc.</p>	Supervisor – Eng	5	16
	Engineer	10	62
	Engineer Intern	3	10
	Planner	2	6
	Environmental Pro	2	4
	GIS Analyst	2	4
	Senior Technician	1	6
	Supervisor - Other	4	10
	Environmental Manager	1	2
 <p>Toole Design Group, LLC</p>	Engineer	1	3
	Professional	3	39
	Planner	3	32
 <p>Vectura Consulting Services, LLC</p>	Supervisor - Eng	2	2
	Engineer	1	5



## 14. ORGANIZATIONAL CHART:



KEY	
<span style="color: blue;">■</span>	Neel-Schaffer, Inc.
<span style="color: red;">■</span>	Toole Design Group, LLC
<span style="color: green;">■</span>	Vectura Consulting Services, LLC
<b>Task Lead</b>	
<span style="color: blue;">#</span>	MPR Designation
<span style="color: blue;">◀</span>	TEPR Certified

PROJECT PRINCIPAL
<span style="color: blue;">■</span> Vijay Kunada, PE, PTOE, PTP ◀ 1 2

PROJECT MANAGER
<span style="color: blue;">■</span> Ellen Soll, AICP ◀ 2

QA / QC
<span style="color: blue;">■</span> Barry Brupbacher (Environmental)
<span style="color: blue;">■</span> Ronald Kirk Gallien, PE, PTOE (Traffic) ◀
<span style="color: blue;">■</span> Gary LeBlanc, PE (Road) ◀
<span style="color: blue;">■</span> Peter Allain, PE, PTOE (Safety)

### Stage 0 Feasibility Studies & Limited Engineering Studies

Purpose and Need	Line and Grade (Road and Bridge)
<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Kara Moree, CFM</li> <li><span style="color: blue;">■</span> Maria Reid</li> <li><span style="color: blue;">■</span> Lance Decuir, PE, AICP, RSP<sub>1</sub> 6</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Mai Nguyen, PE</li> <li><span style="color: blue;">■</span> William Chance Shuckrow, PE</li> <li><span style="color: blue;">■</span> Joshua Schexnider, PE</li> <li><span style="color: blue;">■</span> Scott Andrepont, PE</li> <li><span style="color: blue;">■</span> Steve Hazen, PE</li> <li><span style="color: blue;">■</span> Jacob Thiaville, EI</li> <li><span style="color: blue;">■</span> Ryan Lam, EI</li> </ul>
Traffic & Safety Analysis	Report and Checklists (Scope and Budget & Environmental)
<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Ellen Howard, PE, PTOE, RSP<sub>1</sub> ◀ 5</li> <li><span style="color: blue;">■</span> Brandon Perilloux, PE, PTOE, RSP<sub>1</sub> ◀ 5</li> <li><span style="color: blue;">■</span> Jonathan Duhe, PE, PTOE, RSP<sub>1</sub> ◀ 4</li> <li><span style="color: blue;">■</span> William 'Case' Fulcher, PE, PTOE, PTP, RSP<sub>2B</sub>, RSP<sub>21</sub> ◀ 6</li> <li><span style="color: green;">■</span> Laurence Lambert, PE, PTOE, PTP ◀ 3</li> <li><span style="color: blue;">■</span> Charles LeBouef, PE, PTOE ◀ 6</li> <li><span style="color: blue;">■</span> Santosh Andem, PE, PTOE ◀ 5</li> <li><span style="color: green;">■</span> Kristen Farrington, PE, PTOE, RSP<sub>1</sub> ◀ 4 5</li> <li><span style="color: blue;">■</span> Katie Odenthal, PE, PTOE ◀</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Kara Moree, CFM</li> <li><span style="color: blue;">■</span> Maria Reid</li> <li><span style="color: blue;">■</span> Mai Nguyen, PE</li> <li><span style="color: blue;">■</span> Lance Decuir, PE, AICP, RSP<sub>1</sub> 6</li> <li><span style="color: blue;">■</span> William Chance Shuckrow, PE</li> <li><span style="color: blue;">■</span> Scott Andrepont, PE</li> <li><span style="color: blue;">■</span> Haley Streuding, RPA</li> <li><span style="color: blue;">■</span> Justin Leblanc</li> </ul>

VRU Counts & Modeling	
<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Santosh Andem, PE, PTOE ◀ 5</li> <li><span style="color: blue;">■</span> Lonny Territo</li> <li><span style="color: green;">■</span> Laurence Lambert, PE, PTOE, PTP ◀ 3</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Ting Yi</li> <li><span style="color: blue;">■</span> Cedric Hyman, EI</li> <li><span style="color: blue;">■</span> Mahak Gupta</li> </ul>

### Network Screening

<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> William 'Case' Fulcher, PE, PTOE, PTP, RSP<sub>2B</sub>, RSP<sub>21</sub> ◀ 6</li> <li><span style="color: blue;">■</span> Charles LeBouef, PE, PTOE ◀ 6</li> <li><span style="color: blue;">■</span> Jonathan Duhe, PE, PTOE, RSP<sub>1</sub> ◀ 4</li> <li><span style="color: blue;">■</span> Lance Decuir, PE, AICP, RSP<sub>1</sub> 6</li> </ul>
---

### Technical Reviews of Plans

<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Mai Nguyen, PE</li> <li><span style="color: blue;">■</span> William Chance Shuckrow, PE</li> <li><span style="color: blue;">■</span> Scott Andrepont, PE</li> <li><span style="color: blue;">■</span> Steve Hazen, PE</li> <li><span style="color: blue;">■</span> Jonathan Duhe, PE, PTOE, RSP<sub>1</sub> ◀ 4</li> <li><span style="color: green;">■</span> Sheelagh Brin Ferlito, PE, PTOE ◀</li> </ul>
---

### Review & Update Manuals, Practices, Processes

<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Ellen Soll, AICP ◀ 2</li> <li><span style="color: blue;">■</span> Becky Rogers, PE, PTP, RSP<sub>1</sub></li> <li><span style="color: red;">■</span> Trung Vo, PE, AICP</li> <li><span style="color: red;">■</span> Jeremy Chrzan, PE, PTOE, LEED AP 7</li> <li><span style="color: red;">■</span> Angie Byrne, MCHES, CPH 7</li> <li><span style="color: red;">■</span> Benjamin Magallon, AICP, TSSP-Rail/Bus</li> <li><span style="color: red;">■</span> Michelle Danila, PE, PTOE</li> <li><span style="color: red;">■</span> Dylan Passmore, P.Eng.</li> <li><span style="color: red;">■</span> Jared Draper, AICP</li> <li><span style="color: blue;">■</span> Chris Knotts, PE</li> <li><span style="color: blue;">■</span> Gary LeBlanc, PE ◀</li> </ul>
---

### Complete Streets Steering Group

<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Ellen Soll, AICP ◀ 2</li> <li><span style="color: blue;">■</span> Lance Decuir, PE, AICP, RSP<sub>1</sub> 6</li> <li><span style="color: blue;">■</span> Mai Nguyen, PE</li> <li><span style="color: blue;">■</span> Natalie Flores, AICP</li> </ul>
---

### Bike/Ped Planning

<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Ellen Soll, AICP ◀ 2</li> <li><span style="color: blue;">■</span> Becky Rogers, PE, PTP, RSP<sub>1</sub></li> <li><span style="color: blue;">■</span> Nicholas Broussard, PE, PTP</li> <li><span style="color: blue;">■</span> Natalie Flores, AICP</li> <li><span style="color: blue;">■</span> Siam Junaed</li> <li><span style="color: blue;">■</span> Cedric Hyman, EI</li> <li><span style="color: blue;">■</span> Mahak Gupta</li> <li><span style="color: blue;">■</span> Meredith Moore</li> <li><span style="color: blue;">■</span> Justin Leblanc</li> </ul>
---

### Training


<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Chris Knotts, PE</li> <li><span style="color: blue;">■</span> Gary LeBlanc, PE ◀</li> <li><span style="color: red;">■</span> Jeremy Chrzan, PE, PTOE, LEED AP 7</li> <li><span style="color: red;">■</span> Trung Vo, PE, AICP</li> <li><span style="color: red;">■</span> Angie Byrne, MCHES, CPH 7</li> <li><span style="color: red;">■</span> Benjamin Magallon, AICP, TSSP-Rail/Bus</li> </ul>
---

**15. MINIMUM PERSONNEL REQUIREMENTS:**

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR / certification and number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Vijay Kunada, PE, PTOE, PTP	<b>Neel-Schaffer, Inc.</b>	PE No. 32145 - Civil, PTOE 2878, PTP 096	LA, all, all	03-31-26, 04-14-28, 11-07-28
2	Ellen Soll, AICP	<b>Neel-Schaffer, Inc.</b>	AICP No. 22382	All	12-31-27
2	Vijay Kunada, PE, PTOE, PTP	<b>Neel-Schaffer, Inc.</b>	PE No. 32145 - Civil, PTOE 2878, PTP 096	LA	03-31-26, 04-14-28, 11-07-28
3	Laurence Lambert, PE, PTOE, PTP	<b>Vectura Consulting Services, LLC</b>	PE No. 29901 - Civil	LA	03-31-26
4	Jonathan Duhe, PE, PTOE, RSP <sub>1</sub>	<b>Neel-Schaffer, Inc.</b>	PE No. 41047 - Civil, PTOE 4418	LA, all	03-31-27, 03-18-27
4	Kristen Gahagan Farrington, PE, PTOE, RSP <sub>1</sub>	<b>Vectura Consulting Services, LLC</b>	PE No. 42785 - Civil, PTOE 4863	LA, all	03-31-27, 03-26-26
5	Santosh Andem, PE, PTOE	<b>Neel-Schaffer, Inc.</b>	PE No. 36465 - Civil, PTOE 3017	LA, all	03-31-26, 08-01-26
5	Ellen Burke Howard, PE, PTOE, RSP <sub>1</sub>	<b>Neel-Schaffer, Inc.</b>	PE No. 38207 - Civil, PTOE 3735	LA	03-31-26, 08-01-26
5	Brandon Perilloux, PE, PTOE, RSP <sub>1</sub>	<b>Neel-Schaffer, Inc.</b>	PE No. 39968 - Civil, PTOE 4432	LA	03-31-26, 03-18-27
5	Kristen Gahagan Farrington, PE, PTOE, RSP <sub>1</sub>	<b>Vectura Consulting Services, LLC</b>	PE No. 42785 - Civil, PTOE 4863	LA, all	03-31-27, 03-26-26
6	William 'Case' Fulcher, PE, PTOE, PTP, RSP <sub>21B</sub>	<b>Neel-Schaffer, Inc.</b>	PE No. 45329 - Civil	LA	09-30-27
6	Lance Decuir, PE, AICP, RSP <sub>1</sub>	<b>Neel-Schaffer, Inc.</b>	PE No. 45293 - Civil	LA	09-30-27
6	Charles LeBoeuf, PE, PTOE	<b>Neel-Schaffer, Inc.</b>	PE No. 42854 - Civil	LA	03-31-27
7	Jeremy Chrzan, PE, PTOE, LEED AP	<b>Toole Design Group, LLC</b>	n/a	n/a	n/a
7	Angie Byrne, MCHES, CPH	<b>Toole Design Group, LLC</b>	n/a	n/a	n/a




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Vijay Kunada, PE, PTOE, PTP</b>		Years of relevant experience with this employer	20
	Title	Executive Vice President		Years of relevant experience with other 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 No. 32145 / LA / 03-31-2026; PTOE No. 2878, PTP No. 096		
	Year registered	2006	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Project Principal, <b>MPRs 1 and 2</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
09/25 – 11/25	<b>Jackson TN Safety Action Plan:</b> Principal in Charge. The Jackson TN Safety Action Plan was awarded through the SS4A grant program. Neel-Schaffer identified safety improvements and prepared <b>prioritized lists of safety projects</b> along with cost estimates. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN) and development of recommendations to improve safety for all users.</b>				
08/24 – 07/25	<b>D’Iberville, MS Safe Access and Community Connections Comprehensive Safety Action Plan, D’Iberville, MS:</b> Project Principal. Neel-Schaffer prepared a Comprehensive Safety Action Plan to study the need for a <b>pedestrian crossing across the interstate system</b> , which cuts off the city to pedestrian circulation. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy for pedestrian crossing of I-10 and I-110. Ultimately multiple pedestrian bridge solutions were recommended along with pedestrian connections. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN) and development of recommendations to improve safety for all users.</b> The recommendations from this study received \$10 million SS4A Implementation Grant in 2025.				
08/23 – 07/24	<b>South Central Planning and Development Commission/Houma Thibodaux Metropolitan Planning Organization (HTMPO) Comprehensive Safety Action Plan, Houma, LA:</b> Principal in Charge. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the HTMPO, which covered Assumption, Lafourche, and Terrebonne Parishes. The project includes public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each parish within the study area. The project also included a corridor study for Grand Caillou Boulevard and a focused local school safety plan for Assumption Parish. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN) and development of recommendations to improve safety for all users.</b>				
09/23 - 07/24	<b>North Delta Regional Planning and Development District/Ouachita Council of Governments (OCOG) Comprehensive Safety Action Plan, Ouachita Parish, LA:</b> Principal in Charge. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the OCOG. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for Ouachita Parish. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN) and development of recommendations to improve safety for all users.</b>				
08/23 – 06/24	<b>Central Mississippi Planning and Development District Comprehensive Safety Action Plan, Jackson, MS:</b> Principal in Charge. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the CMPDD, which covers Copiah, Hinds, Madison, Rankin, Simpson, Warren, and Yazoo Counties. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each county within the study area. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN) and development of recommendations to improve safety for all users.</b>				
01/22 – 12/24	<b>Johnston Street from Cajundome Blvd to US 90/SE Evangeline Thruway, Lafayette Consolidated Government, Lafayette, LA:</b> Project Manager. The primary purpose of this study was to evaluate the feasibility of <b>Complete Streets</b> along Johnston Street from Cajundome Blvd to Southeast Evangeline Thruway to provide options for all transportation users.				

07/20 - Ongoing	<b>MRB South GBR: LA 1 to LA 30 Connector (S.P. No. H.013284):</b> As Traffic Lead, Mr. Kunada directed development of a regional mesoscopic traffic model using Dynameq to evaluate 20 Mississippi River bridge alternatives under toll and non-toll scenarios. He oversaw calibration and validation of 2019 base year and 2042 No-Build/Build models, which were approved by LADOTD and used to screen alternatives and advance three concepts into the environmental process. Phase 2 detailed traffic analysis is currently underway.
10/19 - Ongoing	<b>LADOTD Local Public Agency Documented Planning Process, Statewide, LA:</b> Project Manager. During the first phase of this project, Mr. Kunada managed the development of a “how to” guide for smaller communities to develop their own long range transportation plans covering all modes (auto, walking, biking, public transit, freight etc.). The planning process guidebook synthesizes best practices into plain language and provides detailed, step-by-step guidance for nonplanners. Second phase of this project included assisting three communities (City of Opelousas, Amite City and Lincoln parish) to develop their plans using the “how to” guide developed in Phase 1.
02/15 – 04/18	<b>LA 384 Stage 0 Traffic and Safety Study, Lake Charles, LA:</b> Traffic Engineering Manager. Developed traffic and safety analysis for LA 384 (Country Club Road) from Big Lake Road to McNeese Street.
05/15 – 06/18	<b>LA 328 Stage 0 Traffic and Safety Study, Breaux Bridge, LA:</b> Traffic Engineering Manager. Developed traffic and safety analysis for LA 328 in proximity to I-10 in St. Martin Parish.
Stage 0 Study 04/10 -12/10 Env. Assess. 05/11 – 02/13	<b>Stage 0 Feasibility Study and Environmental Assessment Route LA 182 (North University Avenue) Widening, I-10 to West Pont des Mouton Road, Lafayette Parish, LA:</b> 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 two-mile route. Multiple roundabouts are provided. Project Engineer supporting traffic forecasts and analysis comparing signalized and roundabout geometry intersection.
11/15 – 03/19	<b>I-49 Interchange Improvement at US 190 and LA 31, St. Landry Parish, LA:</b> Project Manager. 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 (LADOTD Project No: H.011243.1).
10/14 – 11/16	<b>Interstate 10 at Ambassador Caffery Pkwy Interchange Stage 0 Study:</b> 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, and limited access driveways.
10/13 – 09/18	<b>Roundabout Stage 0 Feasibility Studies at Various Intersections, Lafayette, LA:</b> Project Manager. Completed 23 roundabout studies using LADOTD Stage 0 and Roundabout Policy (LADOTD Project No: H.004490).
08/12 – 07/14	<b>US 167/Johnston St Stage 0 Safety Study, Lafayette, LA:</b> Served as Traffic Lead evaluating safety strategies including RCUTs, roundabouts, raised medians, and turn lanes, with enhanced <b>pedestrian and bicycle infrastructure for VRU safety.</b>
01/10 – 01/11	<b>Route LA 3234 Stage 0 Feasibility Study, Tangipahoa Parish, LA:</b> The project aimed to improve east-west connectivity through Hammond by extending LA 3234 from its current terminus at LA 1065 to Hammond Northshore Regional Airport. Project Engineer responsible for Small City demand model to support traffic forecast and traffic analysis supporting roundabout geometry intersections.
Career History	<p>Mr. Kunada joined Neel-Schaffer in 2006 and brings 22 years of experience focused on transportation planning, travel demand modeling, and traffic engineering. An Executive Vice President with the firm, he serves as Engineer Manager of the Lafayette, LA, office and as Transportation Planning Discipline Lead, providing strategic oversight for planning practices across the firm. He has extensive experience in project management and innovative regional visioning, including public and stakeholder outreach for complex, multidisciplinary transportation initiatives. His technical background includes advanced traffic and travel demand modeling using TransCAD and Dynameq, census and socioeconomic data analysis, truck modeling, evacuation modeling, regionwide safety data analysis, traffic impact studies, intersection operations, and corridor analyses.</p> <p>Mr. Kunada has served as Project Manager for more than 40 local and regional multimodal transportation plans across LA, MS, AL, AR, TN and TX. He has also managed multiple SS4A-compliant Safety Action Plans, with a focus on improving safety outcomes for all roadway users, including vulnerable road users (VRUs), in LA, MS, AL, and TN. In addition, he has led the development of Complete Streets policies, projects, and implementation strategies for numerous communities, supporting safer, more accessible, and more equitable transportation networks.</p>




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Ellen Soll, AICP</b>		Years of relevant experience with this employer	<1
	Title	Senior Project Manager		Years of relevant experience with other employer(s)	20
	Degree(s) / Years / Specialization		BS / 1998 / Anthropology; MS / 2004 / Community & Regional Planning		
	Active registration number / state / expiration date		AICP No. 22382 / all / 12-31-2027		
	Year registered	2008	Discipline	Planning	
	Contract role(s) / brief description of responsibilities		Project Manager, <b>MPR 2</b>		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/24 - 10/25	<p><b>Lake Charles Safety Action Plan, Active Transportation Plan, and Non-Motorized Design Guide, Lake Charles, LA:</b> Ellen was the Project Manager for the Lake Charles Safety Action Plan and Active Transportation Plan, a federally funded Safe Streets and Roads for All (SS4A) initiative. As Project Manager, she was responsible for the delivery of all aspects of the plan, ensuring federal grant compliance and eligibility for future funding rounds under the SS4A program. This included public engagement, stakeholder coordination, securing the leadership commitment, equity planning analysis, non-infrastructure recommendations, performance management recommendations, the development of the High Injury Network (HIN) and identification of projects to address crashes throughout Lake Charles. <b>This project also included the development of a HIN map, active transportation plan, bicycle network and non-motorized design guide to steer future improvements with best practice design guidance.</b></p>				
10/23 - 12/24	<p><b>Path to Zero: Safe Streets for All (SS4A) Plan, St. John the Baptist, Tangipahoa, and St. Tammany Parishes, LA:</b> Ellen was Project Manager as a subconsultant on this Safety Action Plan for a three-parish area. She was responsible for the delivery of public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations. <b>This project won an “Excellence for a Planning Process” award from the Louisiana APA in 2025, and the City of Natchitoches awarded two additional grants under the same program to implement the solutions recommended in the plan. This project included a network screening for a High Injury Network (HIN) and development of projects to address Vulnerable Road User (VRU) crashes and high risk locations.</b></p>				
11/23 - 12/24	<p><b>NLCOG Regional Active Transportation Plan, Bossier, Caddo, DeSoto and Webster Parishes, LA:</b> Ellen was Project Manager for this Regional Active Transportation Plan developed to build a complete network for active transportation across the four-parish area. Ellen was responsible for all technical analyses, public engagement, and client interactions. A standalone <b>non-motorized design guide</b> was created as a tool to assist local governments with context appropriate design of facilities going forward. For this plan, each proposed project was evaluated using a four-point scale for implementation feasibility. <b>This project received an honorable mention for a Transportation Focus in the 2025 Louisiana APA “Excellence for a Plan” award category.</b></p>				
07/23 - 10/24	<p><b>SCPDC Bicycle and Pedestrian Safety Plan, Seven Parishes in South Central Louisiana:</b> Ellen was Project Manager in this effort to assist South Central Planning and Development Commission (SCPDC) with completion of their <b>Bicycle and Pedestrian Safety Plan</b>. SCPDC began a Bicycle and Pedestrian planning process in 2019 which was temporarily halted during the COVID-19 pandemic. The team paired the previously conducted stakeholder engagement with a latent demand analysis, crash analyses, funding resources, and an action plan with key pedestrian projects and a bicycle network for the seven-parish area. <b>This project received a National Association of Development Organizations (NADO) Excellence in Regional Transportation Award in 2025.</b></p>				
12/22 - 10/23	<p><b>Victoria Active Transportation Master Plan, Victoria, TX:</b> Ellen served as Project Manager on this effort to prepare an Active Transportation Master Plan to make it safer and more comfortable to walk, bike and roll in Victoria, TX. As Project Manager, Ellen was responsible for all deliverables, including risk-based safety and crash analysis, latent demand analysis, level of stress analysis, sidewalk gap analysis, public engagement, and stakeholder involvement. Ellen led the development of an active transportation network plan to address safety and create an all-ages network for the city through bicycle infrastructure, sidewalks, trails, crossing features and other safety measures.</p>				

12/20 - 03/22	<b>Capital Regional Bicycle &amp; Pedestrian Plan, Ascension, East Baton Rouge, Iberville, Livingston and West Baton Rouge Parishes:</b> Project Manager for a subconsultant firm responsible for oversight of crash analysis; safety evaluation, and base-mapping for this <b>regional bicycle and pedestrian plan</b> for the Baton Rouge area, as a subconsultant to another firm. Ellen also oversaw the development of all policy and land use recommendations at the local and regional level.
06/17 - 12/18	<b>Safe Streets for Everyone – A Transportation Safety Campaign for Orleans Parish, Orleans Parish, LA:</b> Working as a subconsultant, Ellen’s responsibilities included community outreach, and coordination of the Community Outreach Work Group and Traffic Operations and Enforcement Work Group, as a member of the project team on this <b>active transportation media and education campaign</b> for New Orleans. <b>“You’re Not Alone on the Road, Create Safe Streets for Everyone”</b> was the project tag line, encouraging a shared responsibility for the safety of people walking, biking, and driving in the New Orleans area.
07/15 - 10/17	<b>NORPC Complete Streets Workshop Series &amp; Community Education Program Tangipahoa Parish, LA, St. John the Baptist and St. Bernard Parishes, LA:</b> Ellen was a co-presenter on this <b>Complete Streets Workshop</b> effort – providing Complete Streets resources and training to the Cities of Hammond, Ponchatoula, St. John the Baptist Parish and St. Bernard Parish. Ellen co-led the four workshops, developed policy language, and led groups of participants on a “Walking Audit.”
08/14 - 12/15	<b>Long Range Bicycle Map, Statewide LA:</b> Ellen was an active transportation planner on a statewide effort to develop context - appropriate bicycle facility improvements for the state bicycle network, now referred to as <b>“The Bicycle Planning Tool.”</b> This effort entailed detailed development and assessment of the state bicycle network, including developing a GIS-based Bicycle Level of Service (BLOS) Model, crowdsourced Strava cycling data, and the development of a derived demand analysis methodology based on a combination of transportation and land use factors. Ellen was responsible for a significant amount of the conceptual development of the tool, data analysis and product delivery, as well as stakeholder participation and outreach as a subconsultant and subject matter expert. <b>The Tool is now available on LADOTD’s Open GIS site with the intention of wide usage for active transportation planning throughout the state.</b>
03/13 - 03/15	<b>Complete Streets Implementation, Statewide, LA:</b> Ellen was the principal planner responsible for assisting LADOTD with the development of an Implementation Program of the <b>Louisiana Complete Streets Policy</b> from 2013 through 2015. Her primary project responsibilities were coordination of the legislatively mandated Louisiana Complete Streets Advisory Council and the development of an implementation plan and performance measure framework to be used for annual reporting back to the Louisiana Legislature.
01/11 - 02/12	<b>Louisiana Bicycle Suitability Map, Statewide, LA:</b> Ellen served as project manager for the Prime consultant. The project analyzed the state highway network for bicycle compatibility. Final products included an updated <b>State Bicycle Map</b> , supporting documentation and GIS databases for the Department’s further use. Ellen was responsible for the development of mapped and tabular products, technical documentation, oversaw advisory committee coordination and GIS methodology and development of GIS model.
01/08 - 12/09	<b>Louisiana Statewide Bicycle &amp; Pedestrian Master Plan &amp; Complete Streets Workgroup (Phases I and II), Statewide, LA:</b> Ellen served as active transportation planner, providing research analysis, and developed all preliminary and final products. Ellen coordinated, conducted and presented at six in-person community meetings with over 300 attendees across the state. In response to a request of the Louisiana legislature, this project called for the coordination of <b>Complete Streets Work Group and development of a Complete Streets Policy</b> for the LADOTD. Ellen was responsible for coordinating and facilitating four work group meetings, garnering support, and was the primary author of the official Louisiana Complete Streets Policy. <b>The LADOTD policy was evaluated and found to be one of the strongest internal state policies in the nation by the National Complete Streets Coalition and this process and plan received the “Excellence for a Planning Process Award” from the American Planning Association Louisiana Chapter.</b>
Career History	Ellen Soll joined Neel-Schaffer in 2025 and serves as a Senior Project Manager based in the firm’s New Orleans (LA) Office. Ellen is an experienced transportation planner and project manager specializing in safety action planning and active transportation initiatives. With a strong track record of leading federally funded Safe Streets and Roads for All (SS4A) projects, Ellen has successfully delivered comprehensive plans across multiple jurisdictions, including urban, regional, and rural communities.



## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Lance Decuir, PE, AICP, RSP</b>		Years of experience with this firm/employer	2.5
	Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	22
	Degree(s) / Years / Specialization		BS / 2002 / Civil Engineering; MS / 2008 / Transportation Systems; MBA / 2011		
	Active registration number / state / expiration date		PE No. 45293 / LA / 09-30-2027		
	Year registered	2021	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Safety / Counter Measures, <b>MPR 6</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
08/23 – 07/24	<p><b>Comprehensive Safety Action Plan for Capital Region Planning Commission, Baton Rouge, LA:</b> Project Manager. Neel-Schaffer is assisting the CRPC with the preparation of a Comprehensive Safety Action Plan for Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The project includes project management, public engagement, existing conditions review, crash data and safety analysis (regional trends, regional distribution of crashes, identification of high-risk corridors and intersections), countermeasure toolbox, implementation plan, visualization and graphics, implementation grant assistance, and a safety action plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				
08/23 – 07/24	<p><b>Comprehensive Safety Action Plan for SCPDC / Houma-Thibodaux Metropolitan Planning Organization, Houma, LA:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the HTMPO, which covered Assumption, Lafourche, and Terrebonne Parishes. The project includes public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each parish within the study area. The project also included a corridor study for Grand Caillou Boulevard and a focused local school safety plan for Assumption Parish. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				
09/23 - 07/24	<p><b>North Delta Regional Planning and Development District/Ouachita Council of Governments (OCOG) Comprehensive Safety Action Plan, Ouachita Parish, LA:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the OCOG. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for Ouachita Parish. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				
08/23 – 07/24	<p><b>Comprehensive Safety Action Plan for Central Mississippi Planning and Development District, Jackson, MS:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the CMPDD, which covers Copiah, Hinds, Madison, Rankin, Simpson, Warren, and Yazoo Counties. The project includes public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each county within the study area. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				
08/24 – 07/25	<p><b>Yalobusha County Comprehensive Safety Action Plan, Yalobusha County, MS:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for Yalobusha County. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for Yalobusha County and local communities within. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				
08/24 – 07/25	<p><b>Comprehensive Safety Action Plan, Columbus, MS:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for Columbus, MS. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for the City of Columbus. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				
08/24 – 07/25	<p><b>D’Iberville, MS Safe Access and Community Connections Comprehensive Safety Action Plan, D’Iberville, MS:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan to study the need for a pedestrian crossing across the interstate system, which cuts off the city to pedestrian circulation. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy for pedestrian crossing of I-10 and I-110. Ultimately multiple pedestrian bridge solutions were recommended along with pedestrian connections. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b></p>				



08/23 – 07/24	<b>City of Starkville and Mississippi State University (MSU) Comprehensive Safety Action Plan, Starkville, MS:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for Starkville and MSU. The project included public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each county within the study area. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>
09/20 – 04/23	<b>TxDOT Austin District, I-35 Schematic and Environmental Study (FM 1431 to SH 45), Round Rock, TX:</b> Project Manager for this schematic and environmental study that included approximately \$1.5 billion in improvements for the study of I-35 in Round Rock from SH 45 to FM 1431, approximately 7 miles. The study included conceptual alternatives analysis and traffic operational analysis to determine the most optimal solution for this section of I-35 and included collector-distributor analysis, general use and main lane analysis to add capacity of this section of I-35 in Round Rock.
06/22 – 04/23	<b>Corridor J Study, Williamson County, TX:</b> Project Manager for study for a new limited access corridor in Williamson County. The proposed facility is a controlled access facility with two 2-lane main lanes, two 3-lane frontage roads, and shared-use paths. The proposed ROW will typically be 350 feet wide; however, it may vary to accommodate drainage, including detention ponds and drainage easements. Lance’s team developed a feasible route for the new-location controlled access roadway between future SH 195 and SH 183, a distance of 7 miles. The study included extensive public involvement with affected property owners to help determine the best location of the preferred alignment.
11/19 – 02/21	<b>Ronald Reagan Route Stage 0 Study, Williamson County, TX:</b> Project Manager responsible for the Stage 0 study to analyze the extension of Ronald Reagan Boulevard from I-35 to H-95, approximately 10 miles. Responsible for the development of various sections of roadway to analyze alignments while minimizing impacts on the surrounding environment. The extension is proposed to be a four-lane mainline limited access facility, with three-lane frontage roads in each direction.
07/21 – 05/23	<b>Williamson County (TX) Corridor E Study:</b> Project Manager. This study involves a new corridor in Williamson County. The proposed facility is a controlled access facility with two 2-lane main lanes, two 3-lane frontage roads, and two shared-use paths (one on each side of the ROW). The proposed ROW will be 350 feet wide; however, it may vary to accommodate drainage, including detention ponds and drainage easements. Lance’s team developed a feasible route for a greenfield, new-location controlled access roadway between future SH 29 and Ronald Reagan Boulevard.
08/20 – 12/21	<b>CAMPO Corridors Stage 0 Study, San Marcos, TX:</b> Project Manager. Responsible for the transportation element of the Stage 0 study, which focused on a <b>multimodal approach</b> addressing potential <b>transit, bicycle, and pedestrian improvements</b> along the existing corridors of SH 123 and SH 80, and the potential of a new corridor with the extension of SH 21 to the south. Transportation elements of the project looked at traffic operational analysis and existing conditions to recommend potential future modifications to meet the study goals. This inclusive planning study examined local transportation within the context of six interrelated planning elements to generate synergistic and regionally significant placemaking benefits through subsequent projects and policies.
Career History	Mr. Decuir joined Neel-Schaffer in 2023 and serves as a Senior Project Manager for Transportation planning, based in the firm’s Lafayette (LA) office. Lance has two decades of experience in transportation planning, preliminary engineering, and management, eight with the Florida Department of Transportation and 12 for consulting engineering firms. From transportation policy initiatives at the local level to project development studies at the statewide level, Lance has extensive experience in a multitude of transportation disciplines, including transportation planning, project management, public involvement, transportation engineering, environmental studies, and traffic control studies.



## 16. STAFF EXPERIENCE



Firm employed by Neel-Schaffer, Inc.				
Name	<b>Christopher Knotts, PE, F.ASCE, BC.WRE</b>		Years of experience with this firm/employer	2
Title	<b>Vice President</b>		Years of experience with other firm(s)/employer(s)	39
Degree(s) / Years / Specialization		BS / 1983 / Engineering Technology; BS / 1989 / Civil Engineering; MS / 1993 / Civil Engineering		
Active registration number / state / expiration date		PE No. 25884 / LA / 09-30-2026		
Year registered	1994	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Training Manuals		

Experience dates  
(mm/yy–mm/yy)

Experience Description

06/97 – 10/23

Chris joined the Louisiana Department of Transportation and Development (LADOTD) in 1997 as an Engineer Supervisor in the Bridge Design Division. Over the next 26.5 years he held multiple positions within the agency. He was the first Director of Engineering and Operations when the Coastal Protection and Restoration Authority was formed in 2008, served as the Director of Technology Assessment Division, led the Public Works and Water Resources Division, and, in 2017, was selected to serve as Chief Engineer.

He served as Chief Engineer for six years, retiring from LADOTD in October 2023. As the Chief Engineer, he oversaw every engineering section and supervised more than 550 employees.

This extensive experience as a consulting engineer and with multiple state agencies helped Chris develop relationships with municipalities and parishes throughout Louisiana.

Chris has also developed and nurtured business relationships through extensive participation in many professional organizations, including:

- National Council of Examiners for Engineering & Surveying (NCEES) and served as national President in 2021
- State President for the Louisiana Engineering Society in 2019-2020
- Louisiana Professional Engineering and Land Surveying Board (LAPELS) from 2013 through 2019
- Louisiana Section President of the American Society of Civil Engineers (ASCE) in 2009-2010
- Louisiana Water Resources Commission from 2013-2023
- Louisiana Watershed Initiative from 2018-2023
- Comite River Diversion Canal Task Force from 2014 through 2023.



12/19 - 11/23	<b>Replacement of Belle Chasse Tunnel and Bridge, Belle Chasse, LA:</b> This project was delivered using the Public-Private Partnership (P3) method to replace the aged Tunnel (SB) and Steel lift-span Bridge (NB) with a new fixed span bridge. Both the tunnel and bridge require constant and ever-increasing maintenance. When the lift-span opened for marine traffic the road traffic was stopped causing travel delays. The new fixed span bridge is a four-lane concrete structure which will accommodate both directions of traffic (four-lanes) and is high enough to allow marine vessels to pass beneath without interrupting traffic flow. Mr. Knotts' role as Chief Engineer was to oversee the technical decisions, provide direction on areas in need of clarity and hear contract appeals between the P3 provider and DOTD.
11/23 - Present	<b>I-10 Widening through Baton Rouge:</b> This is a Construction Manager At Risk (CMAR) project that will increase the capacity of I-10 through Baton Rouge while replacing 60-year-old infrastructure. The first phase of construction began in the fall of 2023 and is projected to be completed in 2028. Numerous meetings were held during the evaluation and continued into the Early Works Packages (EPW) leading up to a Guaranteed Maximum Price (GMP). Many technical issues were evaluated, and decisions rendered on how to proceed. Issues included lane widths, shoulder widths, rights of way, drainage, soundwalls, and sight distance. The project closely coordinated with the new I-10 College Drive Flyover which is on the eastern end of the CMAR project.
2019 - 2020	<b>Barksdale / I-220 Interchange on I-20:</b> The project was delivered using the Design-Build model. Barksdale Air Force Base requested a new entrance so military cargo would not have to travel through a portion of the City of Shreveport that had grown quite a bit since the base was established. The Barksdale project completed the I-20/I-220 interchange with full movements from all directions. It also built the southern leg of the existing interchange to the northern limits of Barksdale with the DoD completing the portion on base property.
11/23 - Present	<b>Louisiana Watershed Initiative:</b> The Louisiana Watershed Initiative comprises five state agencies working together to provide funding, technical support, data and resources for flood risk reduction—with the ultimate goal of creating a more resilient Louisiana. Mr. Knotts served as DOTD's representative. DOTD manages the development of LWI watershed models, which will help assess flood scenarios and solutions statewide. In addition, the agency's Statewide Flood Control Program administers funds through Louisiana's Transportation Trust Fund and awards project funding through a multiagency selection process. DOTD is also the coordinating state agency for the National Flood Insurance Program.
11/23 - Present	<b>Mid-Barataria Sediment Diversion CMAR Contractor Selection:</b> Mr. Knotts served on the CMAR contractor selection committee for the Mid Barataria Sediment Diversion Project. The selection process was based on Louisiana's CMAR legislation, requiring a qualifications-based selection for the CMAR contractor through a Request for Qualifications (RFQ) and Statement of Qualifications (SOQ) submission process, followed by oral presentations and negotiations. The RFQ and SOQ were used to evaluate firms on experience, capability, and approach, with the Louisiana Coastal Protection and Restoration Authority (CPRA) managing the selection, according to information from previous RFQs.
11/23 - Present	<b>College Drive Flyover Project:</b> The \$61.5 million design-build project was completed in May 2025 and brings significant improvements in safety and access at the heavily traveled I-10/I-12 interchange near College Drive. Originally part of the larger I-10 widening project, the College Drive flyover was advanced independently during the environmental assessment phase. Identified as a "segment of independent utility," the flyover was separated and expedited through a standalone design-build contract. This approach allowed DOTD to fast-track construction and deliver critical improvements in advance of the main corridor project.
Career History	Mr. Knotts joined Neel-Schaffer in 2023 and serves as the Director of Business Development - Louisiana. In this role, Chris serves as a client liaison and business development partner with existing and potential new clients across the state of Louisiana.  Based in the firm's Baton Rouge office, Chris brought nearly 40 years of experience to Neel-Schaffer when he joined the firm, including a solid mix of private consulting work (13 years) and 26 years of service in the public sector.



## 16. STAFF EXPERIENCE


Firm employed by Neel-Schaffer, Inc.					
	Name	<b>Barry Brupbacher</b>		Years of experience with this firm/employer	20
	Title	Senior Project Manager (Part Time)		Years of experience with other firm(s)/employer(s)	22
	Degree(s) / Years / Specialization		BA / 1972 / Political Science; MS / 1990 / Urban Studies from the College of Urban and Public Affairs		
	Active registration number / state / expiration date		N/A		
	Year registered	N/A	Discipline	N/A	
	Contract role(s) / brief description of responsibilities		QA/QC - Environmental		
	Experience dates (mm/yy-mm/yy)	Experience Description			
12/14 - 12/19	<b>Stage 0 Feasibility Studies of Modern Roundabouts, Lafayette MPO Area, LA:</b> Stage 0 studies supporting potential roundabouts at 23 intersections. Performed QA/QC of Stage 0 Reports				
7/15 - Present	<b>Mandeville Bypass, St. Tammany Parish, LA:</b> The Mandeville Bypass will provide a new 3-mile median section roadway with integral <b>bike path</b> connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. The project includes roundabout geometry intersections at LA 1088 and US 190. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish. Mr. Brupbacher led the environmental planning for the project which includes analysis of potential wetlands and potential impacts to a T& E species, the Red Cockaded Woodpecker as well as the public involvement, developing traffic forecasts, providing traffic analysis and providing design services for concept routes.				
04/13 - 10/14	<b>St. Tammany Parish Resiliency Program, St. Tammany Parish, LA:</b> Deliverables include short, medium and 20-year demographic forecast, projections of developable area within RPC traffic analysis zones considering potential wetlands, floodplains and other environmental constraints, and recommendations for transportation utility and drainage infrastructure. Project Manager				
Stage 0 Study 04/10 - 12/10 EA 05/11 - 02/13	<b>Stage 0 Feasibility Study and Environmental Assessment, Route LA 182 Widening (I-10 to West Pont des Mouton Road), Lafayette Parish, LA:</b> Project supports the widening of LA 182 to four lane capacity. The Study / EA included Public Involvement, traffic studies, environmental screening and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided. Project Manager				
01/10 - 01/11	<b>Route LA 3234 Stage 0 Feasibility Study, Tangipahoa Parish, LA:</b> 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.				
7/15 - Present	<b>Mandeville Bypass, St. Tammany Parish, LA:</b> The Mandeville Bypass will provide a new 3-mile median section roadway with integral bike path connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. The project includes roundabout geometry intersections at LA 1088 and US 190. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish. Mr. Brupbacher led the environmental planning for the project which includes analysis of potential wetlands and potential impacts to a T& E species, the Red Cockaded Woodpecker as well as the public involvement, developing traffic forecasts, providing traffic analysis and providing design services for concept routes.				
11/15 - Present	<b>Southcity Parkway Extension, Phase 1, Robley Drive To Kaliste Saloom Road, Lafayette Parish, LA:</b> Environmental Assessment (EA) developed in conformance with USCG guidance, Public Involvement, 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. <b>This project included bike lanes and sidewalks/paths.</b>				



07/15 - Present	<b>US 90 Pearl River Bridges Environmental Assessment, St. Tammany Parish, LA and Hancock County, MS:</b> Work included the preparation of an Environmental Assessment, as well as line and grade engineering for multiple fixed and movable span bridge alternatives. Work included Public Involvement, navigation studies and supporting environmental studies involving the replacement of five Historic Bridges crossing the Pearl River waterways. Project Manger
01/09 – 12/09	<b>Interstate 10 Frontage Road Feasibility Study in Lafayette, LA:</b> 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.
2000-2003	<b>I-49 South, Lafayette Regional Airport to LA 88, Lafayette, St. Martin and Iberia Parishes, LA:</b> Project included the development of traffic studies, line and grade studies and an EIS with ROD. The proposed action by the LADOTD involves converting approximately 12 miles of U.S. 90 in the project area to a full “Control of Access” highway meeting current interstate standards. Project Manager
Career History	Mr. Brupbacher joined Neel-Schaffer in 2006. He has over 40 years of diversified planning experience performing in both public and private sector consulting. His broad range of transportation project experience includes feasibility studies and environmental document preparation for roadway, passenger and freight rail and transit projects. He completed NHI course No. 142005, NEPA and Transportation Decision-making and NTI Course, Managing the Environmental Process. He has also managed planning projects involving economic development planning, multi-use trail planning, planning for port facilities and industrial parks, recreation parks and wetlands restoration. Other infrastructure projects include wetlands restoration, drainage and hydrology studies.



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Gary LeBlanc, PE</b>		Years of relevant experience with this employer	3
	Title	Project Engineer		Years of relevant experience with other employer(s)	28
	Degree(s) / Years / Specialization		BS / 1994 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 28220 / LA / 09-30-2027		
	Year registered	1999	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Road QA/QC		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 – Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> QA/QC for roadway design and geometrics. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> QA/QC for roadway design and geometrics. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. <b>Includes sidewalks.</b></p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5;</b> QA/QC for roadway design and geometrics. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’ east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> project will convert existing intersection to single lane roundabout intersection.</p>				
04/23 – Present	<p><b>Lagneaux Turn Lane Improvements, Lafayette, LA:</b> Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.</p>				
04/23 – Present	<p><b>Rue Du Belier Roundabout:</b> Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.</p>				
04/23 – Present	<p><b>S. Domingue Roundabout:</b> Project will provide roundabout and drainage improvements. Assisted with design.</p>				
07/23 – Present	<p><b>US 90 Roundabout at LA 101:</b> Providing QA/QC for improvements to the safety of the intersection by upgrading a two-way stop intersection into a single lane roundabout. The roundabout is being designed using LADOTD and FHWA guidelines. This is a single lane roundabout that will comfortably accommodate WB-67 since this intersection is a detour route for I-10. This project includes pavement signing and striping, drainage improvements, access management, construction sequencing, and cost estimates for bidding.</p>				



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




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Peter Allain, PE, PTOE</b>		Years of experience with this firm/employer	7
	Title	Senior Traffic Engineer		Years of experience with other firm(s)/employer(s)	37
	Degree(s) / Years / Specialization		BS / 1979 / Civil Engineering; MS / 1988 / Civil-Environmental Engineering		
	Active registration number / state / expiration date		PE No. 20966 / LA / 03-31-2027; PTOE No. 0949		
	Year registered	2021	Discipline	Civil and Environmental	
	Contract role(s) / brief description of responsibilities		QA/QC Safety		
	Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/23 – Present	<b>US 61 @ Victoria Drive Pedestrian Study, Baton Rouge, LA:</b> Engineer. Safety study to identify <b>pedestrian safety countermeasures</b> at a high need location on US 61 in East Baton Rouge Parish, This study identified and analyzed a pedestrian crossing location with a high number of predicted pedestrian crashes and expected use consistent with planned regional multiuse paths along Airline Highway in North Baton Rouge.				
06/22 – 10/24	<b>District 03 Safety Investment Plan, LADOTD:</b> Engineer for this study evaluating crashes at 119 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.				
01/22 – 06/22	<b>US 167: I-10 to Willow Street Roadway Safety Analysis (RSA). 4400010504, Task Order No. H.014959.1.</b> Senior Engineer responsible for conducting existing <b>pedestrian/bike safety analysis</b> within the study, coordinating with stakeholders on RSA meeting and site visit, development of low-cost safety improvements and preparation of the RSA report.				
07/21 – 4/22	<b>District 61 Intersection Safety Studies, 4400010504, Task Order No. H.014684.1.</b> Senior Engineer responsible for quality assurance and control for CAT Scan analysis, countermeasure selection, countermeasure comparison and intersection study reports and recommendations.				
02/19 – 03/20	<b>District 07 Safety Investment Plan, 4400010504, Task Order No. H.013826.1.</b> Senior Engineer responsible for quality assurance and control for CAT Scan analysis, countermeasure selection, countermeasure comparison and intersection study reports and recommendations.				
02/18 – 02/19	<b>District 08 Safety Investment Plan, 4400010504, Task Order No. H.013826.1.</b> Senior Engineer responsible for quality assurance and control for CAT Scan analysis, countermeasure selection, countermeasure comparison and intersection study reports and recommendations.				
LADOTD Experience 1981-2017	<p>Mr. Allain has 36 years of engineering experience working for Louisiana DOTD as a consultant and employee. He contracted as Crash Data Engineer for Louisiana Local Technical Assistance Program for 2 years, assisting local agencies with highway safety issues on local roads. He served as the DOTD Traffic Engineering Division Administrator for 14 years, developing and managing statewide policy, project programming and project design of geometrics, traffic control and access. He served as State Traffic Engineer for 8 years, focusing on policy development and implementation by the nine District Traffic Operations Engineers. He worked as the Hydraulic Structures Engineer for 12 years, designing headwalls, retaining walls, catch basins, and manholes as well as performing hydraulic designs for bridges, culverts and storm sewer systems. He is thoroughly familiar with all aspects of traffic engineering and safety analysis for highway design and operation. He has managed the design of numerous projects including signing, pavement marking, geometrics, and traffic signals. He is knowledgeable of constraints imposed by federal and state statutes and regulations. He has been instrumental in <b>developing many policies, standard plans, and specifications</b> and is thoroughly knowledgeable of federal, state, and local traffic and safety procedures and standards. He has been trained and is technically competent with Syncro, Sidra, ArcMap, Micro Station, and various DOTD traffic engineering and safety software applications. During his time as DOTD Traffic Engineering Division Administrator, he managed 30+ employees of the Traffic Management Section (Section 77) and the Traffic Development Section (Section 27). In this position he functioned as the program manager for the Operations/Traffic Control Program with annual budget of \$15.0 M, and the Operations/Access Management Program with annual budget at \$6.5 M.</p> <p>During his time with DOTD he served as a legal expert in roadway hydraulics, traffic engineering, and accident reconstruction. As legal expert and DOTD representative he responded to legal interrogatories, gave depositions, and testified in court. He assisted in the development of numerous regulations through the Louisiana Administrative Code process on Access Management, traffic operations, speed limits, and outdoor advertising. He testified numerous times at the Louisiana House and Senate Transportation Committees on various traffic engineering issues.</p>				



## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Maria B. Reid</b>		Years of relevant experience with this employer	1
	Title	Environmental Project Manager		Years of relevant experience with other employer(s)	24
	Degree(s) / Years / Specialization		BS / 1998 / Forest Management and Wildlife; MS / 2000 / Agribusiness and Agricultural Economics - Natural Resource Policy and Environmental Management and Planning		
	Active registration number / state / expiration date		N/A		
	Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Stage 0 Studies			
Experience dates (mm/yy-mm/yy)	Experience Description				
10/18 - 05/20	<p><b>Manchac Greenway, Tangipahoa Parish, LA:</b> Environmental Project Manager – While at another firm, Ms. Reid served as project manager and planner for Tangipahoa Parish Government’s Manchac Greenway project. She worked with a team of designers to provide alternatives, costs, and to propose construction phasing for the proposed <b>10.3-mile multi-use path (bicycles and pedestrians)</b> from Ponchatoula, LA, south to Manchac Pass generally along U.S. Highway 51. Ms. Reid presented design plans to the Manchac Greenway Committee, coordinated needs and goals with Parish Government officials, and prepared a long-term planning document which detailed a phased construction plan for the proposed Manchac Greenway.</p>				
07/14 - 09/16	<p><b>LA 73 (Government Street): Road Diet (Categorical Exclusion, H.011295) East Baton Rouge Parish, LA:</b> As the Environmental Coordinator at LADOTD, Ms. Reid planned and conducted public meetings; facilitated landowner/business owner outreach; represented LADOTD at local government meetings; and wrote the environmental document. The Road Diet provided safety and aesthetic upgrades to the Historic Government Street Corridor through mid-city Baton Rouge by redesigning the existing 4-lane roadway into a two-lane roadway with <b>a median and bicycle lanes near the outside curbs. Pedestrian access was also improved throughout the corridor with ADA compliant sidewalks and ramps.</b> The center turn-lane/medians were designed to reduce rear-end and side-swipe crashes. The Government Street Road Diet was spotlighted by former Mayor-President Kip Holden; was featured in local media; and garnered public praise and heated opposition. FHWA approved the Categorical Exclusion on Sept. 8, 2016.</p>				
01/21 - 07/21	<p><b>Chenier Nature Park and Trail, Chalmette, St. Bernard Parish, LA:</b> NEPA Lead. Ms. Reid researched and prepared an U.S. Department of the Interior, Park Service compliant Environmental Assessment for the proposed <b>Chenier Nature Trail</b> within the future 45-acre Chenier Nature Park in Chalmette, LA in support of St. Bernard Parish’s application for Land and Water Conservation Fund program funding. Ms. Reid highlighted the recreational connectivity provided by the proposed Chenier Nature Trail linking to the Sidney D. Torres Memorial Park on Patricia Street to the 40 Arpent Wetlands Observatory trail. <b>The proposed trail and Nature Park would improve access to recreation for adjacent neighborhoods</b> and the citizens of Chalmette and St. Bernard Parish.</p>				
03/21 - 08/21	<p><b>LaCombe Trace Trails and Nature Park, LaCombe, St. Tammany Parish, LA.:</b> NEPA Lead. Ms. Reid researched and prepared an U.S. Department of the Interior, Park Service compliant Environmental Assessment for the proposed <b>LaCombe Trace Trails and Nature Park</b> in support of St. Tammany Parish’s application for Land and Water Conservation Fund program funding. Ms. Reid focused the analyses on the recreation and conservation uses of the 25-acre proposed nature park. The proposed park would protect and conserve critical habitat of the Bayou Lacombe wetlands and shoreline, preserve structures associated with the site’s historic use as a rail-to-barge cargo transfer site, and inspire and educate the visiting public through opportunities for high-quality outdoor recreation.</p>				



01/22 – 04/25	<p><b>S.P. H.013284: Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA:</b> Deputy Project Manager and NEPA Specialist – Maria served as Deputy Project Manager and Environmental/NEPA Specialist on the Enhanced Planning Study and Environmental Assessment for a proposed new bridge crossing of the Mississippi River for the purposes of providing transportation system redundancy and additional capacity across the Mississippi River and alleviating traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of, LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. This project required an elevated level of public involvement which included quarterly updates to the Capital Area Road and Bridge District (CARB-D). CARB-D is a commission made up of Parish Presidents from Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge parishes, the Secretary of LA DOTD, and a commission chairman appointed by the Governor. CARB-D meetings are considered open to the public and are streamed through the Louisiana State Senate’s website (<a href="http://senate.la.gov/video_archive">senate.la.gov/video_archive</a>). The Enhanced Planning Study was completed and the documentation produced was accepted by FHWA Louisiana in December 2023 as the first approved Planning and Environmental Linkage (PEL) document in Louisiana. NEPA phase field studies were started in 2024. Anticipate NEPA initiation in Spring 2025.</p>
08/24 - Present	<p><b>S.P. H.003931: I-10 Calcasieu River Bridge Public-Private Partnership Project, Cities of Lake Charles and Westlake, Calcasieu Parish, LA.</b> Louisiana Bridge Builders (LBB), the constructor partner for the project, contracted with Atlas Technical Consultants to provide Environmental Compliance services to meet the technical requirements of key personnel, i.e., the Environmental Compliance Manager (ECM). Ms. Reid provided the management and guidance of the environmental permitting and compliance commitments for the project in accordance with NEPA standards. Acted as a liaison between the design team, environmental permitting team, and all agencies involved in the permitting process. Provided guidance to LBB and assisted in decision-making. Prepared the Comprehensive Environmental Protection Plan, the Hazardous Materials Management Plan, and assisted with the Health and Safety Plan.</p>
09/13 - 08/18	<p><b>Environmental Impact Manager, Louisiana Department of Transportation and Development, Baton Rouge, LA:</b> The DOTD Environmental Section evaluates the environmental consequences of each DOTD project on the natural and human environment and promotes compatible solutions in serving the transportation needs of Louisiana. As Environmental Impact Manager, Ms. Reid supported that role by: Managing staff workload, evaluating job performance, reviewing staff work, and counseling employees; Managing in-house, in-depth analyses, research and field investigations on cultural and natural resource issues; Researching, writing, and publishing of detailed reports including EISs, EAs, BAs, wetland delineations, and habitat evaluations (including monitoring of sensitive species); Conducting public involvement events, answering questions from the public and other interested parties; Representing DOTD at interagency meetings with Federal, state and local agencies to coordinate and facilitate discussions on project proposals, project impacts, and permit and mitigation requirements; Acting as a representative of DOTD at meetings with elected officials, business groups, citizen groups, educational forums, and the affected public to provide information on specialized topics; and Initiating, negotiating, and managing contractual agreements with other local, state, and federal agencies, and consulting firms.</p>
09/13 – 02/17	<p><b>LA 427 (Perkins Road): Siegen Lane – Highland Road (Environmental Assessment, H.002344).</b> This project would widen Perkins Road from a two-lane roadway with poor level of service to a four-lane divided roadway with improved level of service with implementation of access management. The project was proposed as part of the Road Transfer Program and Mayor Holden’s Green Light Program. The EA and line and grade-level design were prepared by consultants; however, Ms. Reid was involved in project decisions including: extension of the project termini (extension from Pecue to Highland in September 2014); additional noise studies with homeowner association outreach in 2016; EA and technical report review, comment, and submittal to FHWA. FHWA signed the Finding of No Significant Impact on February 9, 2017.</p>
Career History	<p>Ms. Reid has over 24 years of experience in environmental and regulatory compliance in both the private and public sectors. She has managed, planned, and participated in projects requiring protected species surveys, general wildlife inventories, forest inventories, biological assessments (BAs), wetland delineations and permitting, categorical exclusions, environmental assessments (EAs), and environmental impact assessments (EIS) in Louisiana, Mississippi, Alabama, Michigan, New York, Georgia, Tennessee, Florida, Arkansas, Texas, California, New Mexico, and Arizona, as well as numerous wetland delineations in Louisiana, Mississippi, Alabama, and Florida. Ms. Reid worked with Federal and state government clients including U.S. Department of the Army, Department of the Navy, Department of Homeland Security, Customs and Border Protection, U.S. Army Corps of Engineers, U.S. Forest Service, and Louisiana Department of Transportation and Development. Ms. Reid has completed the <i>NEPA and Transportation Decision Making</i> course (2014).</p>



## 12. STAFF EXPERIENCE




Firm employed by Neel-Schaffer, Inc.					
Name	Kara Moree, CFM			Years of experience with this firm/employer	1
Title	Regional Environmental Coordinator			Years of experience with other firm(s)/employer(s)	20
Degree(s) / Years / Specialization		BS / 2005 / Resource Biology & Biodiversity			
Active registration number / state / expiration date		ASFPM US-06-02202 / LA			
Year registered	2006	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Stage 0 Studies			
Experience dates (mm/yy-mm/yy)	Experience Description				
09/18 - 11/19	<p><b>Nicholson Drive Area-wide Bike and Pedestrian Access Study, Baton Rouge, LA:</b> Environmental Scientist. The study area consisted primarily of governmental and institutional uses, housing, dining, recreational, and retail destinations closely associated with the LSU campus and downtown live/work/play activities. The project included the design for replacement of the existing two-lane segment of Nicholson Drive, from approximately 500 feet north of West Lee Drive/Brightside Lane to 400 feet south of Gourrier Avenue. The proposed design incorporated an 8-foot-wide shared-use path to accommodate pedestrian and bicycle travel. The Area-Wide Bicycle and Pedestrian Access Study evaluated the <b>safest and most cost-effective methods to improve multimodal connectivity</b> between key destinations, including the River Levee Trail, downtown Baton Rouge, lake parks, Tiger Town, the LSU campus, and other origins and destinations. The study also emphasized recreational access, particularly connections to the River Levee Trail. Identification of system “missing links” involved evaluation of both on-street and off-street bicycle and pedestrian facilities. Ms. Moree was responsible for developing GIS applications and exhibits and provided support for public involvement meetings. Ms. Moree performed this work while employed by another firm.</p>				
08/20 - 04/25	<p><b>S.P. H.013284: Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA:</b> Project Manager and NEPA Specialist on the Enhanced Planning Study and Environmental Assessment for a proposed new bridge crossing of the Mississippi River for the purposes of providing transportation system redundancy and additional capacity across the Mississippi River and alleviating traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of, LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. This project required an elevated level of public involvement, including quarterly updates to the Capital Area Road and Bridge District (CARB-D), a commission comprised of Parish Presidents from Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge parishes, the Secretary of LADOTD, and a commission chairman appointed by the Governor.</p>				
04/25 - 12/25	<p><b>LADOTD SP No. H.003931 I-10 Calcasieu River Bridge P3 Project, Lake Charles, LA:</b> Environmental Compliance Manager (ECM) for the Design Build Contractor (Louisiana Bridge Builders). Tasks include the management and guidance of the environmental permitting and compliance commitments for the project in accordance with NEPA standards. Acts as a liaison between the design team, environmental permitting team and all agencies involved in the permitting process. Providing guidance to LBB and assisting in decision making are key to the job duties as well as preparing all associated Environmental Plans such as a Comprehensive Environmental Protection Plan and a Hazardous Materials Management Plan.</p>				
05/13 - 08/19 08/19 - 08/20	<p><b>Environmental Impact Statement (EIS) for Houma-Thibodaux to I-10 Connection – North-South Corridor/Hurricane Evacuation, LADOTD SP No. 700-99-0302:</b> Project Manager. Ms. Moree assisted with providing environmental studies and NEPA documentation related to addressing alternative courses of action for the development of a north-south hurricane evacuation route and suitable mitigation plans for all alternatives, including the preferred alternative. Ms. Moree was responsible for providing various sections of the EIS, such as noise, vegetation and habitat, agriculture and farmland, threatened and endangered species, essential fish habitat, water quality, wild and scenic rivers, wetlands, and permits and mitigation. A preliminary Draft EIS document was recently reviewed by LADOTD.</p>				



01/17 - 08/18	<b>Stage 1 Environmental Assessment for LA 447 Corridor Study, LADOTD SP No. H.005734, Walker, LA:</b> Project Manager. Ms. Moree assisted in providing environmental studies, NEPA documentation, public, agency, and stakeholder meeting coordination. Ms. Moree performed wetland delineations and oversaw all aspects of the environmental portion of the project. Ms. Moree organized and conducted the kick-off meeting, scoping meeting, stakeholder meeting, and public meeting and assisted with data collection, schedule preparation, project work plan development and other project initiation activities. She completed the draft SOV and has received approval from FHWA for the logical termini. She oversaw the Phase 1, noise, air and other environmental tasks.
09/18 – 09/20	<b>US 84 Improvements Environmental Assessment, Winnfield, LA, LADOTD:</b> Project Manager. Ms. Moree oversaw all aspects of NEPA compliance for a supplemental agreement for this EA in support of the traffic analysis required when BH performed environmental assessments on the west and east side of Winnfield, including line and grade studies for several alternatives, environmental impacts, and traffic and bridge studies. Public outreach, stakeholders, and agencies meetings were held by BH in order to obtain comments on the proposed build alternatives. A combination of nine build alternatives were developed with roundabouts, access management, and widening.
03/14 - 12/16	<b>Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44), Ascension Parish, LADOTD, SP No. H.010572.1:</b> Environmental Project Manager responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations for evaluating alternatives to improve the mobility of the corridor. Additional duties included identifying wetlands and preparing mitigation cost tables, stakeholder/public meetings, as well as creating Environmental Avoidance mapping using GIS.
05/15 - 01/17	<b>Stage 0 Feasibility Study LA 328 (Latiolais Drive to Julie Street), LADOTD SP No. H.011279.1:</b> Environmental Project Manager responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations.
02/15 - 01/17	<b>Stage 0 Feasibility Study and Environmental Inventory for LA 384 (Big Lake Road to McNeese Street), Calcasieu Parish, LADOTD, SP No. H.011242.1:</b> Ms. Moree served as the Environmental Project Manager responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations for evaluating alternatives to improve the mobility of the corridor. Additional duties include identifying wetlands, stakeholder/public meetings, and preparing mitigation cost tables as well as creating Environmental Avoidance mapping using GIS.
09/10 - 03/11	<b>I-12 Corridor Study (Stage 0 Feasibility and Environmental Inventory), LADOTD, SP No. 700-90-0019:</b> Environmental Professional for a 70-mile interstate widening study. Project responsibilities included all aspects of the Environmental Inventory process such as identifying any potential “show stopping” environmental constraints, identifying wetland sand avoidance, GIS mapping, stakeholder/public meetings, and ensuring compliance with NEPA.
12/19 - 08/20	<b>LA 429 at I-10 Connector (LA 30/LA 73) Stage 0 Feasibility Study, Gonzales, LA, LADOTD:</b> Project Manager. Ms. Moree oversaw the safety analysis of both the corridors and the interchanges and coordinated with the traffic engineering consultant in the development of the alternatives, preparation of the schematic design of alternatives, preparation of cost analysis for five alternatives, and evaluation environmental and right-of-way impacts.
03/13 –03/16	<b>S.P. No. H.010211.1: Stage 0 Feasibility Study and Environmental Inventory for I-110 NB Ramp at Capitol Access Rd:</b> This project determined the feasibility of improving the mobility of the I-110 NB Ramp at Capitol Access Rd. by either eliminating the northbound on ramp or improving the existing infrastructure by lengthening the existing weaving section. Ms. Moree served as the Environmental Professional responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations. Duties also include identifying wetlands and preparing mitigation cost tables as well as creating Environmental Avoidance mapping through the use of GIS. She also performed some Project Manager responsibilities such as coordinating meetings and coordination of the Project Team.
Career History	Ms. Moree is a Certified Floodplain Manager with over 20 years of environmental, planning and project management experience, with concentration on NEPA compliance, environmental documentation, permitting, storm water, roadway and drainage projects. Ms. Moree has a wide range of experience in roadway projects, including direct responsibility for environmental inventory, feasibility studies, NEPA documentation, community and stakeholder engagement, wetland delineations, and permitting. Through previous employment with federal and local governments as well as with the private sector, she has provided technical assistance to various federal, state, and local agencies regarding environmental laws, regulations and executive orders and has done extensive public outreach activities, especially during her employment with the Environmental and Historic Preservation Group of the Federal Emergency Management Agency (FEMA).



## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Santosh Andem, PE, PTOE</b>		Years of experience with this firm/employer	14
	Title	Senior Traffic Engineer		Years of experience with other firm(s)/employer(s)	4
	Degree(s) / Years / Specialization		B. Tech / 2003 / Civil Engineering; MS / 2006 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 36465 / LA / 03-31-2026; PTOE No. 3017		
	Year registered	2011	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis, <b>MPR 5</b>		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
04/18 – 04/20	<b>Rees St (LA 328) Corridor Study:</b> This is a feasibility Study of improving LA 328/Rees St. from Latiolais Dr. to Bridge St. Tasks completed include data collection, intersection/corridor analysis for existing and future conditions, field review observations, intersection and corridor safety analysis for No Build and existing conditions, forecasting future volumes and active participation in public meetings. <b>This project included sidewalks and a bike path.</b>				
01/14 – 09/18	<b>Roundabout Stage 0 Studies, Lafayette Consolidated Government, Lafayette, LA:</b> This is a task order contract to conduct Stage 0 Feasibility Studies which evaluate constructability, safety, and operations of modern roundabout at 23 intersections. Tasks completed by Santosh include signal warrant analysis, crash analysis, spot speed data analysis, traffic analysis of existing and future volumes, forecasting future volumes using Lafayette Metropolitan Organization Travel Demand Model, and preparation of the report detailing the findings and recommendations.				
04/18 – 06/23	<b>LA 1256 Corridor Study from Patton Street to Dave Dugas Road, Calcasieu Parish, LA:</b> This project involves widening of LA 1256 from Patton Street to Dave Dugas Road. Three Roundabouts were analyzed. Tasks completed by Santosh included intersection and corridor safety analysis, data collection, roundabout analysis using SIDRA for existing and future volumes, writing technical memorandum documenting conclusions and recommendations.				
07/21 – 08/21	<b>I-285 &amp; SR400 Reconstruction Project, Atlanta, GA:</b> This project is in reference to I-285 & SR400 Reconstruction Project – Phase 5 Stage 1. Phase 5 considers the reduction of I-285 lanes to 3 per direction to be able to fully reconstruct three underpasses of the Interstate. Tasks completed by Santosh included developing VISSIM models, and preparation of tech memo detailing the study findings.				
11/19 – 10/20	<b>I-24 Interchange at I-75 Interstate Access Request (IAR) Phase 2, Chattanooga, TN:</b> The project involves conducting an Interstate Access Request (IAR) at S Moore Road and Belvoir Avenue Interchanges. Tasks completed by Santosh include developing existing, No Build and Build (Phase 1 and Phase 2) VISSIM models for AM and PM.				
01/22 – 10/22	<b>LA 92 Corridor Study, Youngville, LA:</b> This purpose of this project is to develop and evaluate the improvements along the East Milton Avenue/Iberia Street Corridor that would improve the existing corridor traffic operations. Tasks completed by Santosh included spot speed data analysis, traffic analysis of existing and rerouted volumes using SIDRA and HCS software’s and developing report detailing findings and recommendations.				
01/22 – 10/22	<b>Johnston Street from University Avenue to US 90/SE Evangeline Thruway, Lafayette Consolidated Government, Lafayette, LA:</b> The primary purpose of this study was to evaluate the feasibility of <b>Complete Streets</b> along Johnston Street from University Avenue to Southeast Evangeline Thruway to provide options for all users of transportation. Santosh worked on the traffic analysis of existing and rerouted volumes using Synchro, safety analysis and preparation of the report detailing study findings and recommendations.				
10/13 – 12/16	<b>LA 30 Stage 0, Gonzales, LA – Traffic &amp; Safety Study:</b> Traffic Engineer. Santosh assisted in the development of future traffic forecast for the study using the CRPC Travel Demand model (TransCAD) and considered future interchanges at I-10 and LA 74 and LA 429.				
05/14 – 03/16	<b>LA 73 Stage 0, Prairieville, LA – Traffic &amp; Safety Study:</b> Traffic Engineer, Santosh assisted in the development of future traffic forecast for the study using the CRPC Travel Demand model (TransCAD) and considered future interchanges at I-10 and LA 74 and LA 429.				

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



## 16. STAFF EXPERIENCE




Firm employed by Neel-Schaffer, Inc.					
Name	<b>Charles LeBoeuf, PE, PTOE</b>			Years of relevant experience with this employer	11.5
Title	Senior Traffic Engineer			Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering; MS / 2014 / Civil Engineering			
Active registration number / state / expiration date		PE 0042854 / LA / 03-31-2027; PTOE 5397 / 11-23-2028			
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis, <b>MPR 6</b>			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/23 - 03/24	<b>Louisiana Comprehensive Safety Action Plans (SS4A):</b> NS developed three Comprehensive Safety Action Plans in Louisiana, for CRPC (Baton Rouge), SCPDC (Houma-Thibodaux) and Ouchitca COG (Monroe). Mr LeBoeuf has worked on 18 Safety Action Plans in total. Mr. LeBoeuf analyzed crash data to determine crash trends, especially for those that resulted in fatalities or serious injuries. Additionally, Mr. LeBoeuf assisted in developing High Injury Networks of roadway segments and intersections that experienced a high number of fatal or serious injury crashes. <b>These projects included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
10/22 - 04/23	<b>LA 383 Corridor Stage 0 Study, Calcasieu and Jefferson Davis Parishes, LA:</b> Traffic Engineer responsible for data collection.				
03/20 - 06/20	<b>I-69 Stage 0 Frontage Road (Ellerbe Road) Caddo Parish, LA:</b> 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. Traffic Engineer.				
02/20 - 06/20	<b>I-69 Stage 0 Frontage Road (Stonewall Frierson Road) Desoto Parish, LA:</b> 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. Traffic Engineer				
06/23 - 04/24	<b>LA 384 Stage 0 (Big Lake Rd to McNeese Street), Calcasieu Parish, LA:</b> Traffic Engineer responsible for data collection, <b>intersection safety and operations analyses</b> , identifying intersection/corridor improvements to accommodate existing and future planned growth, alternatives analyses and traffic report.				
02/15-08/20	<b>Stage 0 Roundabout Study, Lafayette, LA:</b> Mr. LeBoeuf developed scope and budget and environmental checklists, provided forecasts for traffic volumes, and conducted signal warrant analyses for this Stage 0 roundabout study.				
02/22 - 06/23	<b>Johnston St. Corridor Study, Lafayette, LA:</b> This project completed for LCG evaluated <b>safety and operational improvements</b> for <b>motorists, pedestrians and bicyclists</b> from Holden Ave to north of Garfield to the RR. Charles completed the traffic analysis for this project.				
01/24 - Ongoing	<b>Lafayette Consolidated Government Signal Design, Lafayette, LA:</b> This project involves designing or modifying signals at several intersections in Lafayette, LA. Mr. LeBoeuf developed signal design plans, determined signal timings, and estimated signal item quantities.				
04/18 - 04/20	<b>LA 328 (Rees Street) Corridor Study and Plan:</b> Project includes improving La. Hwy. 328/Rees Street from Latiolais Road to E Bridge Street including considering the impacts of the proposed E Mills Ave extension LA 328 to Doyle Melancon Ext. roadway and outreach. <b>This project included sidewalks and a bike path.</b>				
02/22 - 10/22	<b>Pinhook Road at Kaliste Saloom Road, Lafayette, LA:</b> 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.				



11/24 - 09/25	<b>2050 Mississippi Unified Long-Range Transportation Infrastructure Plan (MULTIPLAN):</b> Mr. LeBoeuf analyzed crash data to determine crash trends for three Metropolitan Planning Areas: Jackson, Hattiesburg, and Gulf Coast. Additionally, Mr. LeBoeuf updated the Congestion Management Plans (CMPs) developed for the Jackson and Gulf Coast MPAs.
01/17 - 02/18	<b>Western Beltway Phase II Feasibility Study, Hattiesburg, MS:</b> 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 <b>determine crash trends</b> and estimate the expected number of crashes for future scenarios. Mr. LeBoeuf also performed a benefit-cost analysis for each scenario using the expected number of crashes and expected changes in travel times.
10/24 - 1/25	<b>Houma (LA) 2050 Metropolitan Transportation Plan:</b> Mr. LeBoeuf analyzed crash data to determine crash trends for the Houma-Thibodaux Metropolitan Planning Area. Additionally, Mr. LeBoeuf provided high-level recommendations for locations that were identified to have congestion issues.
02/25 - Ongoing	<b>Baton Rouge Northern Bypass Expressway (NBE), Baton Rouge, LA:</b> This project uses mesoscopic modeling to determine the feasibility of upgrading Airline Highway in West Baton Rouge and East Baton Rouge Parishes to a controlled-access toll road with parallel toll-free frontage roads. Mr. LeBoeuf expanded the mesoscopic model developed for the Mississippi River Bridge project to cover the entire five-parish Baton Rouge Metropolitan Area. Afterwards, Mr. LeBoeuf used the existing traffic data to calibrate the Base model to better reflect existing traffic conditions. Once the Base model was completed, Mr. LeBoeuf then developed the No Build models, which included proposed highway improvements and an updated O-D matrix for the years 2030 and 2046.
10/20 - Ongoing	<b>MRB South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA:</b> This project uses mesoscopic modeling to analyze a proposed new crossing over the Mississippi River that would connect LA 1 on the west bank of the River to LA 30 on the east bank of the River. This crossing would be somewhere between I-10 and LA 70. Mr. LeBoeuf used the existing traffic data to develop peak period volumes and travel times that were to be used in the model calibration and validation. Mr. LeBoeuf developed the Base mesoscopic model by first expanding a previous 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 completed, Mr. LeBoeuf then developed the No Build model, which included proposed highway improvements and an updated O-D matrix for the year 2042. This No Build model was then used as a background model to develop Bridge-specific models for each of the 20 proposed bridge crossings.
10/16 - 01/17	<b>LA 1133 Realignment Study, Carlyss, LA:</b> 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 13 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, mesoscopic modeling, and traffic signal design. 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	Brandon Perilloux, PE, PTOE, RSP <sub>1</sub>		Years of experience with this firm/employer	>1
	Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	15
	Degree(s) / Years / Specialization		BS / 2010 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 39968 / LA / 03-31-2026; PTOE No. 4432 / all / 03-18-2027; RSP <sub>1</sub> No. 187 / all / 12-21-2027		
	Year registered	2015	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis, 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).				
08/25 - Ongoing	<p><b>LADOTD US 190: Wooddale to Livingston Parish P/L Study (H.016437.5):</b> Project Manager. This project includes a corridor safety study to establish an integrated, systematic, and performance-based approach to evaluate potential <b>safety improvements for all Vulnerable Roadway Users (VRU)</b>. The objective of this study is to analyze existing and future conditions along the corridor and identify potential treatments to improve <b>safety, access management, and mobility with an emphasis on addressing VRU safety</b>. Tasks include <b>collecting traffic and VRU data</b> along the US 190 corridor. A detailed safety analysis will also be conducted to assist with determining <b>potential VRU improvements</b> in the study area.</p>				
08/25 - Ongoing	<p><b>City of Mandeville Roadway Safety Improvements IDIQ:</b> Project Engineer/ Project Manager. This project includes three tasks for <b>high-level safety analysis</b> to develop alternatives or low-cost safety improvement strategies to potentially reduce crashes and <b>increase roadway and pedestrian safety</b> as locations within the City of Mandeville. These task orders include a <b>corridor safety evaluation of US 190</b>, intersection evaluations at critical points on E Causeway Approach and a circulation study for Mandeville High School to improve safety. All three task orders differ in scope and tasks; however, each include <b>detailed safety evaluation and development of alternatives with a primary focus on safety for all roadway users</b>.</p>				
05/24 - 07/25	<p><b>Lake Charles Safety Action Plan, Lake Charles, LA:</b> Traffic Engineer. This project included a federally funded <b>Safe Streets and Roads for All (SS4A) initiative</b> through the development of the Lake Charles Safety Action Plan and Active Transportation Plan. Assisted with developing non-infrastructure and performance management recommendations, creating the <b>High Injury Network (HIN)</b>, and identifying projects to address crash trends. Also assisted in developing an <b>active transportation plan, bicycle network, and non-motorized design guide to inform future improvements using best-practice design standards</b>.</p>				
06/24 - 02/25	<p><b>NLCOG Safe Streets for All (SS4A) Regional Safety Action Plan, Bossier, Caddo, DeSoto and Webster Parishes, LA:</b> Traffic Engineer. The project included an <b>SS4A Safety Action Plan</b> covering Bossier, Caddo, DeSoto, and Webster Parishes. Assisted with developing the <b>High Injury Network (HIN) and creating a Countermeasure Toolbox</b> to address roadway crashes across the four-parish region.</p>				
02/24 - 08/25	<p><b>ARDOT Highways 59 and 72 Corridor, Benton County, AR:</b> Project Manager. Responsible for overseeing a study of the Highway 59 and Highway 72 corridors in Benton County. The study was initiated due to increased population and economic growth, the completion of Interstate 49 impacting local traffic patterns, growing congestion, <b>safety concerns</b>, and requests from local officials. Responsibilities included assisting in the development of project goals and purpose-and-need statements aligned with ARDOT’s Long Range Intermodal Transportation Plan, analyzing existing conditions and identifying key issues, and developing short- and long-term improvement strategies focused on <b>safety for all roadway users</b>. Findings were presented at multiple stakeholder meetings and shared during public meetings.</p>				

05/22 – 08/25	<p><b>TxDOT Rockwall County (TX) Outer Loop Evaluation:</b> Project Manager. Responsible for the evaluation of potential alignments of Rockwall County Outer Loop from FM 1138 near the Collin County line to SH 276 in Rockwall County. Lead engineer for all engineering tasks including data collection and analysis, conceptual traffic control, traffic projections, and traffic engineering including capacity analysis and Interstate Access Justification Report (IAJR) and safety analysis. Developed traffic projections for approximately 16 miles of new roadway for the outer loop throughout the entire county. This included multiple new interchanges and the complex interchange with I-30. Worked with the prime and two other project teams for different counties to facilitate accurate traffic projections along the entire outer loop through multiple counties. Following approval, the team will conduct <b>capacity and safety analysis</b> for the IAJR and multiple traffic studies in the county.</p>
10/22 - 04/23	<p><b>TxDOT IH-35E North Segment and DCC IAJR, Denton and Cooke County, TX:</b> Project Engineer. The project included a re-evaluation of two previously approved Interstate Access Justification Reports (IAJR) covering approximately 12 miles of I-35. Tasks included reviewing traffic projections, capacity analysis, and traffic operations, including simulations and safety analysis. Conducted Highway Safety System (HSS) and Crash Modification Factor (CMF) evaluations to determine existing and predictive safety performance and performed QA/QC of the overall IAJR documentation. The reports were successfully accepted by FHWA.</p>
03/16 – 12/19	<p><b>LADOTD I-10/ Loyola Interchange Improvements, Kenner, LA:</b> Project Manager. Responsible for managing this phase of the overall project, which was to develop an Environment Assessment document for the I-10/ Loyola Interchange. As prime consultant for this project, oversaw the project managing/ coordination of seven subconsultant firms, reviewing environmental technical documents, reviewing preliminary alternative designs, local/state stakeholder coordination, conducting multiple public meetings and developing the EA document.</p>
04/16 – 02/19	<p><b>LADOTD Loyola Interchange IAJR, Kenner, LA:</b> Traffic Engineer. Tasks included data collection, <b>safety analysis</b>, and VISSIM analysis for the Loyola Interchange project in Kenner. Data collection related tasks included processing field travel time data and determining 95% confidence levels. Managed the <b>safety analysis</b> tasks, which included crash report review, collision diagrams, over-representation determination, statewide average comparisons, and trend identification. Brandon assisted with the VISSIM tasks included volume inputs, travel time section data processing, and calibration. Mr. Perilloux also coordinated the VISSIM animation production used to present the alternatives to the public based on requirements from LADOTD and FHWA.</p>
03/23 – 10/24	<p><b>City of Jennings (LA) LA26 Corridor Study &amp; Zigler Memorial Extension:</b> Project Engineer. Responsible for assisting in developing a Traffic Impact Analysis for the LA 26 corridor study in Jennings. The purpose of this work was to conduct a study on a proposed connection of Zigler Drive extension. The work included projecting traffic volumes for the new extension and estimating the <b>capacity and safety impacts</b>. Mr. Perilloux oversaw all work and provided insight on the capacity and safety analysis. The full traffic study to the City and LADOTD. The study was approved, and a Letter of Compliance was released by LADOTD.</p>
06/23 – 05/25	<p><b>TXDOT Laredo Signal Timings, Laredo, TX:</b> Project Engineer. Assisted with analyzing existing and proposed signal timing for 54 intersections across seven corridors in Laredo, Eagle Pass and Del Rio, TX. I reviewed existing signal timings in Synchro as well as reviewed proposed timing and coordination plans for some of the corridors. Conducted two field visits to the corridors and worked with the City of Laredo to fine tune the proposed timings. This field work also included working with the City in their traffic management center and helping identifying issues with the proposed timings.</p>
Career History	<p>Mr. Perilloux joined Neel-Schaffer in 2025 and serves as a Senior Project Manager for Traffic Engineering, based in the firm's Mandeville (LA) Office. Brandon has extensive experience as a team leader and project manager on various successful traffic engineering projects including, but not limited to, Interstate Access Justification Reports (IAJRs), corridor studies, traffic impact analysis, safety analysis, temporary traffic control design, striping/signage and traffic signal design. Brandon is a certified Professional Traffic Operations Engineer and has worked on a variety of projects in Louisiana, Texas, Alabama, Mississippi and Arkansas. Brandon demonstrates exceptional problem-solving abilities and consistently brings a high level of organization, attention to detail, and focus to his work. He is a collaborative team player who successfully manages projects and teams delivering results that stay on scope, on schedule, and within budget.</p>



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Becky Rogers, PE, PTP, RSP<sub>1</sub></b>		Years of relevant experience with this employer	19
	Title	Vice President and Senior Planning Project Manager		Years of relevant experience with other employer(s)	6
	Degree(s) / Years / Specialization		BS / 1998 / Civil Engineering; MS / 1999 / Community Planning		
	Active registration number / state / expiration date		PE No. 26739 / AL / 12-31-2026; PTP No. 521; RSP <sub>1</sub> No. 148		
	Year registered	2004	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Bike/Ped Planning; Review & Update Manuals, Practices, Processes			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/18 – 08/19	<b>ADA Self-Evaluation and Transition Plan, Dothan, AL:</b> Project Manager for citywide ADA transition plan. Project included collecting data on <b>sidewalks and curb ramps</b> within City maintained right-of-way to determine compliance with ADA standards, conducting public meetings, and developing a plan to transition all noncompliant sections to compliant.				
05/24 - Ongoing	<b>ADA Transition Plan, City of Birmingham, AL:</b> Project Manager for the development of the City’s ADA Transition Plan, overseeing project administration, policy updates, facility assessments, and public engagement. Directed coordination with subconsultants for outreach and facility evaluations. Reviewed department policies and updated grievance procedures to ensure ADA compliance. <b>Analyzed sidewalk and curb ramp data</b> , prepared cost estimates, and developed mapbooks illustrating compliance by Council District. Led facility assessments using ADA standards and compiled prioritized recommendations for improvements. Facilitated stakeholder engagement through advisory committee meetings, public surveys, and planning for an Open House event. Delivered a comprehensive draft ADA Transition Plan detailing ADA requirements, policies, public involvement activities, and implementation strategies.				
09/23 – 04/24	<b>Safety Action Plan, Dothan, AL:</b> Project Manager for a Safe Streets for All Safety Action Plan for the City of Dothan. The planning effort includes extensive public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
09/23 – 04/24	<b>Safety Action Plan, Clarksville, TN:</b> Quality control reviewer for a Safe Streets for All Safety Action Plan for the City of Clarksville. The plan includes public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
08/23 – 06/24	<b>Safety Action Plan, Central Mississippi Planning and Development District, Jackson, MS:</b> Quality control reviewer for a Safe Streets for All Safety Action Plan. The plan includes public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
10/24 – 07/25	<b>Safety Action Plan, Montgomery MPO, AL:</b> Project Manager for a Safety Action Plan for the Montgomery MPO Planning Area. The planning effort included extensive public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
10/24 – 06/25	<b>Safety Action Plan, Daphne, AL:</b> Project Manager for a Safe Streets for All Safety Action Plan for the City of Daphne. The planning effort included extensive public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
01/24 – 12/24	<b>Safety Action Plan, Hattiesburg, MS:</b> Project Manager for a Safe Streets for All Safety Action Plan for the City of Hattiesburg. The planning effort included extensive public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				



06/16 – 08/20	<b>FDOT MUTCD Curve Compliance, Statewide, FL:</b> Project manager for a statewide horizontal curve analysis which involved leading a large project team (including seven subconsultants). Project included collecting horizontal curve data using CARS (Curve Advisory Reporting Service), processing the data, and providing recommended advisory speeds and signage for nearly 5,000 sites throughout Florida. The project also included preparing sign plans for curves to bring them into compliance with the 2009 MUTCD and entering curve data into the RCI database.
07/15 – 12/18	<b>ALDOT Horizontal Curve Safety Improvement Program, Various Locations, AL:</b> Project manager for Roadway Safety Assessments at 323 sites in the south half of the state (ALDOT's Southeast and Southwest Regions and the Alexander City Area of the East Central Region) for areas with high crash frequencies. Project included collecting horizontal curve data utilizing the CARS (Curve Advisory Reporting Service) system. Supporting crash data provided by the state was analyzed and field assessments were conducted with ALDOT staff. Road Safety Assessment Reports were prepared with recommendations for countermeasures to increase safety.
09/17 – 08/18	<b>I-85 Road Safety Assessment, Montgomery &amp; Macon Counties, AL:</b> Project manager for a 10-mile road safety assessment along I-85 in Montgomery and Macon Counties for ALDOT's Office of Safety. Project included collecting horizontal curve data using CARS (Curve Advisory Reporting Service), processing the data, and providing recommended advisory speeds and signage. The project also included conducting a road safety assessment of I-85 and three interchanges, preparing a report outlining solutions to reduce crashes and roadway departures, and developing a roll map of improvements.
03/19 – 06/19	<b>US-84 Road Safety Assessment, Houston County, AL:</b> Project manager for a 3.3-mile road safety assessment along US-84 from milepost 212.7 to milepost 216.0 in Houston County for ALDOT's Office of Safety. Project included reviewing crash data, conducting a road safety assessment of US-84 and four intersections, and preparing a report proposing short- and long-term solutions to reduce crashes.
01/20 – 09/21	<b>ALDOT Road Safety Reviews, Statewide, AL:</b> Project manager for multiple road safety reviews for ALDOT's Office of Safety. Project included reviewing crash data at each site, conducting road safety reviews, and preparing reports proposing short- and long-term solutions to reduce crashes.
11/21 – 09/23	<b>Transit SSEPP Updates, Statewide, AL:</b> Project manager to assist the ALDOT Transit Section in updating their Safety, Security, and Emergency Preparedness Plan (SSEPP) Template and Forms to comply with The Public Transportation System Security and Emergency Preparedness Planning Guide published by the Federal Transit Administration (FTA) as well as any new SSEPP requirements from the FTA. Project also included assisting approximately 30 Section 5311 Agencies statewide in developing or updating their SSEPP Plans and thoroughly reviewing all draft plans.
08/24 – Present	<b>2050 Long Range Transportation Plan, Auburn-Opelika MPO, AL:</b> Project manager for a 25 Year Long Range Transportation Plan for the Auburn-Opelika MPO. Project included collecting and analyzing existing multimodal transportation data within the MPO planning area, assessing transportation needs, engaging stakeholders and the public, setting transportation goals, and proposing projects and strategies to meet the goals.
07/23 – 04/25	<b>2050 Long Range Transportation Plan, Mobile MPO, AL:</b> Project manager for a 25 Year Long Range Transportation Plan for the Mobile MPO. Project included collecting and analyzing data on the current transportation system, assessing transportation needs, conducting public outreach, setting goals for future transportation management, and proposing investment solutions, strategies, and alternative scenarios in a fiscally constrained plan.
05/20 – 08/20	<b>SR-119 at Fulton Springs Road Safety Study, Regional Planning Commission of Greater Birmingham, Alabaster, AL:</b> Project manager and lead planner for a safety study at the intersection of SR-119 and Fulton Springs Road in Alabaster, AL. The project involved collecting data at the intersection (i.e., measurements, traffic flow data, signage, striping, traffic signal data, drainage data) and crash reports. This data was analyzed and used to propose countermeasures to address the safety concerns.
07/14 – 11/15	<b>2040 Long Range Transportation Plan, Southeast Wiregrass Area MPO, AL:</b> Project planner for a 25 Year Long Range Transportation Plan for the Southeast Wiregrass Area MPO. Project included collecting data on the current transportation system, conducting public meetings and charrettes to obtain input on transportation needs, setting goals for future transportation management, and proposing a plan to accomplish these goals.
Career History	Ms. Rogers is a Vice President with the firm and serves as a Senior Project Manager for transportation planning and engineering projects. She has 25 years of experience and has worked with many municipalities, counties, and governmental agencies, including several DOTs and MPOs, FHWA, FRA, FTA, and the FAA. She has experience in transportation planning, roadway design, safety analysis, transit planning, and large-scale data collection.



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>William 'Case' Fulcher, PE, PTOE, PTP, RSP<sub>21B</sub></b>		Years of experience with this firm/employer	8
	Title	Senior Traffic Engineer		Years of experience with other firm(s)/employer(s)	0
	Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering; MS / 2015 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 45329 / LA / 09-30-2027; PTOE No. 5158 / 11-20-27; PTP No. 786 / 11-20-27; RSP2B No 33 / 07-18-26; RSP2I No 147 / 3-20-2026		
	Year registered	2021	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Safety & Traffic Analysis, Network Screening, <b>MPR 6</b>			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
08/20 – Present	<b>I-10 / I-12 College Drive Flyover Design Build, Baton Rouge, LA:</b> Traffic Engineer, Safety Analyst. Provided the safety analysis for the interchange modification report (IMR) and traffic management plan for the proposed changes to the merger between I-12 and I-10 in Baton Rouge.				
06/22 – 10/24	<b>Retainer Contract for Safety Studies, District 03 Safety Investment Plan:</b> Engineer for this study evaluating crashes at 119 locations on the state and local highway networks using variations in crash statistics to <b>identify possible roadway and behavioral issues and potential low-cost safety improvements</b> . Four of the locations in this study were identified to focus on <b>bike and pedestrian improvements</b> .				
02/19 – 03/20	<b>Retainer Contract for Safety Studies, District 07 Safety Investment Plan:</b> <b>Analyzed and compared safety countermeasures and analyzed crash history to determine potential infrastructure and behavioral improvements</b> for all modes of transportation. Developed a priority list for future safety projects.				
05/20 – 06/21	<b>Retainer Contract for Safety Studies, District 05 Safety Investment Plan:</b> Traffic Engineer, Safety Analyst. Performed <b>area wide safety screening</b> to identify areas with <b>high potential for safety improvements</b> . Identified potential safety improvements to 76 locations including segments and intersections within LADOTD District 07. These improvements considered <b>all modes of transportation and included sidewalks, crossing improvement, and signal improvements</b> . Prepared a ranked priority list of projects. Coordinated and led project meetings.				
02/18 – 02/19	<b>Retainer Contract for Safety Studies, District 08 Safety Investment Plan:</b> Safety Analyst. Identified potential safety improvements to 72 locations including both segments and intersections within LADOTD District 08. All modes of transportation were considered at each location. Developed an Excel based tool to perform benefit/cost comparisons of safety countermeasures. Prepared a ranked priority list of projects.				
12/19 – 12/20	<b>US 80 Intersection at Bellevue Road Stage 0 / Feasibility Study, Bossier Parish, LA:</b> Project Engineer. Performed traffic data collection, safety analysis, and traffic operational analysis.				
01/17 – 04/19	<b>LA 385 Ryan Street Feasibility Study, Lake Charles, LA:</b> Performed data collection, traffic engineering, and transportation planning services for a feasibility study to determine <b>safety and operational improvements</b> for approximately 1.8 miles of LA 365 in Lake Charles, LA. Services included traffic volume forecasts, intersection and segment analysis, alternative development, and identifying <b>potential safety countermeasures</b> .				
02/17 – 02/18	<b>US 190 &amp; US 171 Signal Timing Study, DeRidder, LA:</b> Provided traffic engineering services including both the development and implementation of traffic signal timing plans for ten signals in DeRidder.				
02/20 – 10/21	<b>I-59 at US 49 PEL Study, Forrest County, MS:</b> Traffic Engineer, Safety Analyst. Provided the safety analysis for both existing and future expected conditions. Assisted with traffic engineering services.				
04/19 – 12/19	<b>District 07 Traffic Signal Timing Upgrade, Lake Charles, LA:</b> Provided traffic engineering services to upgrade the signal timings and coordination at five intersections along LA 14.				



01/20 – 09/21	<b>Mississippi State University Master Plan Update, Starkville, MS:</b> Transportation Planner. Services included identifying <b>improvements to existing vehicular and pedestrian circulation</b> , identifying new beneficial connections, determining areas of parking need, identifying potential new parking locations.
02/21 – 09/21	<b>Transportation Plan for Starkville, Mississippi State University, and Oktibbeha County, MS:</b> Traffic Engineer, Transportation Planner. Provided a regional transportation plan to provide guidance to all governmental entities for a coordinated effort to improve all modes of traffic in the area. Services included traffic volume forecasts, intersection and segment analysis, and alternative development.
03/19 – 01/19	<b>District 08 Traffic Signal Timing Upgrade, Natchitoches, LA:</b> Engineer Intern. Provided traffic engineering services to upgrade the signal timings and coordination at four intersections along LA 1 / LA 6.
9/21 – 04/22	<b>Retainer Contract for Safety Studies, District 61 Safety Study, LA:</b> Safety Analyst. Performed <b>area wide safety screening and crash analysis</b> to identify areas with high potential for safety improvements. Identified potential safety improvements to 9 intersections within LADOTD District 61, <b>considering all modes</b> .
06/21 – Ongoing	<b>District 6 Emergency Signal and ITS Repair, Hancock and Harrison Counties, MS:</b> Traffic Engineer. Performed signal inventories and prepared signal design sheets and quantity takeoffs.
09/20 – Ongoing	<b>MOVEBR College Drive Enhancements, Baton Rouge, LA:</b> Safety Analyst. Performed crash analysis along College Drive in the vicinity of I-10 to determine <b>potential safety issues and develop safety improvement recommendations</b> where feasible.
10/21 – Ongoing	<b>MOVEBR Harding Boulevard at Interstate I-110, Baton Rouge, LA:</b> Safety Analyst. Performed crash analysis along Harding Boulevard in the vicinity of I-110 to <b>determine potential safety issues and develop safety improvement recommendations</b> where feasible.
01/17 – 05/17	<b>US 80 Traffic Control Signal Upgrade, Shreveport, LA:</b> Engineer Intern. Prepared signal design sheets and signal timings for the upgrade of 20 signals along US 80.
05/25 - 12/25	<b>West Jackson Corridor Planning Study, Oxford, MS:</b> Traffic Engineer/Safety Analyst. Collected and analyzed traffic and crash data to determine existing areas with a potential for operational or safety improvement. This included crosswalks, sidewalks, intersections, and segments. <b>Alternatives were considered that included both infrastructural and behavioral improvement.</b>
12/17 – 06/18	<b>MOVE ASCENSION LA 1 / LA 3089 Signal Timing and Synchronization, Donaldsonville, LA:</b> Engineer Intern. Provided traffic engineering services to upgrade the signal timings and coordination at six intersections along LA 1 / LA 3089 including updated signal design sheets.
Career History	Mr. Fulcher joined Neel-Schaffer in 2017 after working as a graduate research/teaching assistant for the Mississippi State University Department of Civil and Environmental Engineering. Since joining Neel-Schaffer, he has provided a variety of traffic data collection and safety analysis studies and services. Mr. Fulcher has extensive experience in corridor and intersection safety studies. <b>Through the evaluation of crash history, roadway geometrics, and traffic volumes, he evaluates known infrastructural and behavioral countermeasures to provide a ranked list of recommended improvements/actions.</b> Mr. Fulcher has held a <b>Road Safety Professional 2 Infrastructure (No. 147) and Behavioral (No. 33) certificate</b> since July 2023. He also has significant experience in traffic forecasting, modeling, and analysis using CORSIM, HCS, Vistro, Synchro, ISATe, IHSDM, and TruTraffic for corridor and intersection studies for both public and private clients. His experience includes traffic signal design, traffic signal coordination, traffic signal timing, traffic impact analyses, transportation planning, and transportation safety planning. Mr. Fulcher has held a Professional Traffic Operations Engineer (No. 5158) and Professional Transportation Planner (No. 786) certificate since November 2021.




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Jonathan Duhe, PE, PTOE, RSP<sub>1</sub></b>		Years of experience with this firm/employer	12
	Title	Project Engineer		Years of experience with other firm(s)/employer(s)	1
	Degree(s) / Years / Specialization		BS / 2011 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 41047 / LA / 03-31-27; PTOE No. 4418; RSP No. 282		
	Year registered	2016	Discipline	Civil Engineering	
	Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis <b>MPR 4</b>		
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 – Ongoing	<p><b>IDIQ Contract for Design of Safety Projects (Districts 02, 61 &amp; 62):</b> 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:</p> <p><b>Local Road Signing (Vermilion) (SPN. H.013014);</b> The project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. <b>LRSP (Iberia Parish and City of N.I.) (SPN. H.013770);</b> Project includes signage and striping for <b>safety improvements</b> along 30 Miles of roadway. <b>FYA Signal Improvements (LCG) Lafayette Parish (SPN. H.014579);</b> This project includes the installation of flashing yellow arrows, cabinets, and detection systems for <b>28 intersections</b> throughout Lafayette.</p>				
07/24 – Ongoing	<p><b>D02H Flashing Yellow Arrow Pt2, Houma, LA:</b> Project Engineer. Oversaw the design of 40 traffic signals to update to include flashing yellow arrows. This project involved some full redesigns as well as some partial designs. Oversaw field data collection and plan development. <b>Pedestrian signal equipment was added to designs at applicable locations.</b></p>				
02/23 – Ongoing	<p><b>US 61 @ Victoria Pedestrian Study, Baton Rouge, LA:</b> Project Engineer. The focus of this study was to determine <b>pedestrian safety issues</b> and propose alternatives to improve the <b>pedestrian safety</b> along this 0.7 mile corridor. Oversaw data collection, which included detailed pedestrian origin-destination counts to determine pedestrian paths and crossing locations along US 61. Oversaw the safety analysis including utilizing the CARTS tool to analyze existing crashes. Developed alternatives for further analysis. <b>The alternative included adding a midblock pedestrian crosswalk between proposed back-to-back signalized U-turns. This crosswalk is recommended to have audible pedestrian push buttons and pedestrian signal heads to facilitate pedestrian crossings.</b></p>				
03/21 – 04/24	<p><b>MOVEBR Synchronization and Communication Signal Rebuilds – Groups 3 and 4, Baton Rouge, LA:</b> Project Engineer. Responsible for traffic signal design of 6 intersections within the city of Baton Rouge including data collection (TMCs, peak period observations, etc.), traffic signal analysis (Synchro), signal timing determination utilizing Synchro and Tru-Traffic software, and design plan preparation. <b>Where applicable, pedestrian signal equipment was added to facilitate pedestrian movements.</b></p>				
03/23 – 11/24	<p><b>City of Mandeville Safety Study Project, Mandeville, LA:</b> Project Engineer. Performed a <b>high level safety study to develop low cost safety improvements and/or traffic calming recommendations to reduce crashes and increase safety</b> along several corridors and at several intersections within the City of Mandeville. Responsible for data collection, safety analysis, mitigation development, and report preparation. <b>At several locations, raised pedestrian crosswalks were recommended to highlight pedestrian presence as well as encourage lower vehicle speeds.</b></p>				
03/23 – Ongoing	<p><b>Jimmie Davis Bridge Design Build, District 04, LA:</b> Project Engineer. Oversaw the data collection, operational analysis, safety analysis, traffic report preparation, and development of traffic signal design plans (permanent and temporary) for the design-build project that involves constructing a new bridge over the Red River. <b>This project includes a linear park and provides a multiuse path.</b></p>				
04/20 – 06/21	<p><b>District 05 Safety Investment Plan, District 05, LA:</b> 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.</p>				

11/17 – 04/19	<b>District 08 Safety Investment Plan, District 08, LA:</b> Traffic Engineer. Assisted with <b>safety analysis</b> including reviewing crashes utilizing LADOTD's CATScan tool and performing benefit-cost analysis of <b>potential safety improvements</b> . Also assisted with report preparation.
02/20 - Ongoing	<b>I-20 at LA 544 Overpass Replacement, Lincoln Parish, LA:</b> This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. This project includes four multilane roundabouts located in a tight project area with many constraints and large grade changes. The roundabouts will connect ramps and service roads with adjacent businesses. The project includes new bridge with sidewalk over I-20. The entire project limits are <b>Complete Street compliant which means it provides facilities for all users</b> . Mr. Duhe provided signal design review. Preliminary and final plans.
03/23 – 08/23	<b>Port Hudson-Pride Road, East Baton Rouge Parish, LA:</b> Project Engineer Oversaw Data Collection (TMCs, Observations, <b>ped/bike counts</b> , etc), Safety Analysis, and Alternative Analysis. DOTD's CATScan analysis was utilized for the safety analysis. CMFs from the Highway Safety Manual and the CMF Clearinghouse were utilized to analyze the proposed alternative to widen the roadway. <b>The addition of sidewalks along the roadway was also included with this project.</b>
12/19 – 03/22	<b>US 80 Feasibility Study, Stage 0/Traffic &amp; Safety Study, Haughton, LA:</b> Stage 0 Report in support of <b>safety improvements along US 80 corridor</b> , specifically in the vicinity of Bellevue Road and Mid-South Loop Road. All analysis performed in HCS for this study. The traffic study was performed in accordance with DOTD's TEPR. Project includes signalized intersections. Oversaw Intersection Operational Analyses (HCS), safety analysis, alternative development, and traffic report preparation.
08/22 – Ongoing	<b>LRSP Ardenwood Dr Road Diet, Baton Rouge, LA:</b> Project Engineer. Responsible for Data Collection (Traffic Counts, Ped/Bike Counts, and Peak Hour Observations), Traffic Forecasting, Safety Analyses, Corridor Operational Analyses (HCS, Sidra), Safety Analyses, Traffic Report Preparation. The purpose of this traffic study is to analyze the conversion of this 4-lane roadway to a 3-lane roadway section including bike lanes. <b>Safety of VRUs is also a priority and analyzed within this study. Upon acceptance of the traffic study, this project will also include the design of the required improvements including any pedestrian/bike upgrades.</b>
03/19 – 11/19	<b>US 61 Signal Timing Study, Baton Rouge, LA:</b> Project Engineer. Oversaw data collection (TMCs, Observations, Inventory Analyses, Intersection Operations Analyses (Synchro)). Developed new signal timing and TSIs. <b>Timings for pedestrian crossings were also analyzed and updated as part of this study.</b>
09/20 – Ongoing	<b>MOVEBR College Drive Enhancement Project, Baton Rouge, LA:</b> 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 <b>improve capacity and safety</b> . Assisted with data collection including peak period observations and travel time runs. Also performed <b>safety analysis</b> along the College Drive corridor.
06/20 - Ongoing	<b>I-10/12 College Drive Flyover Design Build, Baton Rouge, LA:</b> Traffic Engineer. Performing a traffic study at the I-10/12 merge in an effort to <b>improve capacity and safety</b> . Assisted with uncalibrated VISSIM model. Assisted with <b>safety analysis and signal design</b> .
01/22 – 08/22	<b>Cargill Pedestrian Study, Laplace, LA:</b> Project Engineer. Oversaw Data Collection (TMCs, Observations, VRU counts, etc), Crosswalk Warrant Analyses, and Mitigation Selection. This study was performed to <b>investigate VRU safety</b> for a private client where workers were frequently crossing a state highway. FHWA mitigation strategies were utilized to determine viable alternatives. This study also involved developing plans to implement the recommended safety improvements. <b>Recommended improvements included installing an RRFB (Rectangular Rapid Flashing Beacon), advanced pedestrian warning signs, and tranverse striping on approaches to the crosswalk to encourage lower vehicle speeds.</b>
11/16 – 04/19	<b>LA 385 (Ryan St) Feasibility Study, Lake Charles, LA:</b> Traffic Engineer. Assisted with intersection analysis including Vistro. Assisted with <b>safety analysis</b> including reviewing crashes, creating collision diagrams, identifying conflict points, and using LADOTD's CATScan tool to analyze safety. Assisted with report preparation.
02/16 – 10/17	<b>LA 6 Feasibility Study, Natchitoches, LA:</b> Traffic Engineer. Assisted with intersection analysis including Sychro and Sidra analysis. Assisted with <b>safety analysis</b> including reviewing crashes, creating collision diagrams, and using the HSM Predictive method to analyze safety of potential alternatives. Also assisted with report preparation.
Career History	Jonathan joined Neel-Schaffer in 2013 and has 13 years of experience working on a wide range of traffic and transportation projects. He has worked on many intersection/corridor signal timing studies and signal design projects and other traffic engineering related projects for both public and private projects. A PTOE and RSP, he is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Jonathan has completed training and has experience using LADOTD's CARTS safety tool. He has completed LADOTD's Traffic Engineering Process and Report (TEPR) training.



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Mai Nguyen, PE</b>		Years of relevant experience with this employer	8
	Title	Roadway Design Engineer		Years of relevant experience with other employer(s)	7
	Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 38189 / LA / 03-31-2026		
	Year registered	2013	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Road Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 – Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. Mai serves as the road design lead.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Road Design Lead. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Road Design Lead. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn about to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. <b>Includes sidewalks.</b></p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Road Design Lead. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’ east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> Road Design Lead. 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Road Design Lead. Project will convert existing intersection to single lane roundabout intersection.</p>				
01/20 – Present	<b>I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:</b> Lead for road design preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond multilane roundabout interchange on a 3% longitudinal grade. The new bridge over I-20 will include sidewalks and four multilane roundabouts. This project includes a level 2 TMP.				
06/23 – Present	<b>US 90: Roundabout at LA 101:</b> Roundabout intersection preliminary and final plans, drainage, sequence of construction and TMP.				
9/22 – Present	<b>E. Milton Ave Improvements, Lafayette Parish, LA:</b> This project will widen an existing roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi-lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. <b>This project includes curb and gutter with sidewalks.</b> Mai is designing this project and assisting with plan production. Established design criteria, typical roadway sections, horizontal and vertical geometry, ID structure locations and more. Ms. Nguyen is working on the roadway design for the City of Youngsville. Project includes preliminary and final plans.				
02/22 – Present	<b>W. Broussard Roundabout at Duhon Rd. (LA 724):</b> This project will construct a roundabout and requires drainage improvements. Review of design, assist with plan production. Preliminary plans completed. Final design ongoing.				



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




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>William Chance Shuckrow, PE</b>		Years of relevant experience with this employer	12
	Title	Project Engineer		Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 0042746 / LA / 03-31-2027		
	Year registered	2018	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Report & Checklists, Technical Reviews of Plans		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 – Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. <b>Includes sidewalks.</b></p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Project will convert the existing intersection to a single lane roundabout intersection.</p>				
11/19 – Present	<p><b>IDIQ Contract for Design of Safety Projects (Districts 02, 61 &amp; 62):</b> The task orders under this project are as follows: 1.) Local Road Signing (Vermilion) (SPN. H.013014); 2.) Independence SRTS – Phase II (SPN. H.010108.1); 3.) LRSP (Iberia Parish and City of N.I.) (SPN. H.013770); 4.) LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1); 5.) W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621); 6.) LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1); 7.) Downtown Greenway LA Connector (BR) (SPN. H.013751); 8.) LSU Laboratory School SRTS Project (SPR. H.009290); 9.) Local Road Signing (Ascension) (SPN. H.015011); 10.) FYA Signal Improvements (SPN H.014579); and 11.) LSRP Ardenwood Dr. Road Diet (East Baton Rouge) (SPN H.013622).</p>				
09/20 – Present	<p><b>H.011280.1: LA 10 Stage 0 Phase 2, Washington Parish, LA:</b> This project considers multiple alternatives along a 5.5 mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Mr. Shuckrow is providing roadway support and help with the cost estimate.</p>				
04/23 – Present	<p><b>Jimmie Davis Design-Build:</b> This project will construct a new 4-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a 4-lane median divided roadway with turn lanes, and construct full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway. <b>The project includes a linear park and a multiuse path.</b></p>				

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



## 16. STAFF EXPERIENCE


		Firm employed by Neel-Schaffer, Inc.			
		Name	Scott Andrepont, PE	Years of relevant experience with this employer	15
		Title	Project Engineer	Years of relevant experience with other employer(s)	4
		Degree(s) / Years / Specialization	BS / 2005 / Civil Engineering; MS / 2007 / Civil Engineering		
		Active registration number / state / expiration date	PE No. 37107 / LA / 09-30-2026		
		Year registered	2012	Discipline	Civil
		Contract role(s) / brief description of responsibilities	Line and Grade, (Road and Bridge), Technical Reviews of Plans		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 – Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. <b>Includes sidewalks.</b></p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000' east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Project will convert existing intersection to single lane roundabout intersection.</p>				
04/23 – Present	<p><b>Lagneaux Turn Lane Improvements:</b> Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.</p>				
04/23 – Present	<p><b>Rue Du Belier Roundabout:</b> Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.</p>				
04/23 – Present	<p><b>S. Domingue Roundabout:</b> Project will provide roundabout and drainage improvements. Assisted with design.</p>				
03/19 – 04/20	<p><b>LA 328 (Rees Street) Stage 0:</b> Mr. Andrepont created the geometry for this project which would improve LA 328 from Latiolais Drive to E. Bridge St. Signalized and roundabout intersections were considered. Mr. Andrepont completed the design criteria, typical sections, and geometry in accordance with the requirements of DOTD. He also assisted with public outreach activities. <b>This project included sidewalks and a bike path.</b></p>				
08/17 – 03/20	<p><b>LA 73 Turn Lanes:</b> This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design were completed in accordance with LADOTD guidelines.</p>				



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



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Joshua Schexnider, PE</b>		Years of relevant experience with this employer	6.5
	Title	Project Engineer		Years of relevant experience with other employer(s)	14
	Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering; BS / 2000 / General Studies		
	Active registration number / state / expiration date		PE No. 45891 / LA / 03-31-2026		
	Year registered	2021	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Line and Grade (Road and Bridge)		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 - Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. <b>Includes sidewalks.</b></p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000' east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Project will convert existing intersection to single lane roundabout intersection.</p>				
04/23 – Present	<b>Lagneaux Turn Lane Improvements, Lafayette, LA:</b> Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.				
04/23 – Present	<b>Rue Du Belier Roundabout:</b> Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.				
04/23 – Present	<b>S. Domingue Roundabout:</b> Project will provide roundabout and drainage improvements. Assisted with design.				
6/22 – Present	<b>Jimmie Davis Bridge (LA 511) (HBI) Design-Build:</b> Design Services. This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a <b>linear park and provide a multiuse path</b> . Neel-Schaffer is providing the traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. This preliminary design is being completed in support of the Design Build Proposal document.				




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



## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Natalie Flores, AICP</b>		Years of relevant experience with this employer	1
	Title	Transportation Planner		Years of relevant experience with other employer(s)	7
	Degree(s) / Years / Specialization		Masters of Public Administration / Public Management / 2022 BS / Business Sustainability / 2018		
	Active registration number / state / expiration date		AICP No. 35337 / all / 09-29-26		
	Year registered	2023	Discipline	Planning	
	Contract role(s) / brief description of responsibilities		Complete Streets Steering Group, Bike/Ped Planning Document Development		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/24 - Ongoing	<b>Jackson TN Safety Action Plan:</b> Lead Planner and Project Manager. Using her knowledge of <b>SS4A</b> and writing and administering federal, state, and local grants, Natalie assisted in public outreach and education, including in-person and virtual public input sessions, client coordination, previous plans and studies review, identification of safe streets recommendations, analysis of data, including latent demand for active transportation infrastructure, and report writing and review. Ms. Flores also worked to address client comments and provide educational materials, including live and recorded webinars, to the public.				
03/25 - Ongoing	<b>SS4A Safety Action Plan for Horn Lake, MS:</b> Planner. Neel-Schaffer is preparing a Supplemental Safety Action Plan for Horn Lake, MS. Ms. Flores is responsible for the development of public engagement efforts, analysis of engagement data, review of plan materials, coordination with NSI and sub-consultant project team members, and quality assurance measures throughout plan development. As a supplemental SS4A plan, this project was conducted in coordination with the Memphis MPO to remain consistent with their Safety Action Plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
03/24 - Ongoing	<b>Houma-Thibodaux MPO 2050 MTP Update:</b> For this effort, Ms. Flores has assisted in the writing and development of technical reports, coordinated with plan partners, incorporated public engagement elements into the plan document, and was available for additional tasks as requested. Additionally, Natalie is working to ensure team success through assisting in additional plan elements as they are needed.				
06/22 - 11/24	<b>KCI Technologies, Nashville, TN:</b> Transportation Planner. Assisted in the development of infrastructure and safety plans through research, data analysis, and stakeholder engagement across Tennessee, Texas, and Georgia. Created visualizations, technical reports, and planning documents using software like Microsoft Office, InDesign, SketchUp, StreetMix, and Esri Suite. Coordinated with local governments on grant management, contributing to a successful SS4A grant submission for the City of Nashville. Supported senior staff in project management, stakeholder involvement, and the creation of safety action plans, ensuring comprehensive reporting and public input materials. Specialized in active transportation elements, including <b>multi-modal mobility, access, and connectivity; improvement recommendations for vulnerable road users;</b> and identification and engagement of vulnerable populations.				
10/18 - 05/22	<b>Bluegrass Area Development District, Lexington, KY:</b> Regional Land Use Planner & Title VI Coordinator. Coordinated and analyzed transportation projects within state databases, assisting local, state, and federal agencies, as well as community organizations. Conducted research, presented findings, and facilitated discussions with elected officials and stakeholders such as the Kentucky Transportation Cabinet (KYTC). Managed federal, state, and local grants, ensuring project compliance and overseeing funding initiatives. Delivered presentations on transportation safety and development, while conducting ADA surveys and creating comprehensive plans for regional development. Certified in Community Development Block Grant (CDBG) administration and developed training programs for planners and best practices. Assisted in the identification of vulnerable road user networks, provided information on roadway safety for all users, and was a resource for information related to <b>safe streets and active transportation programs.</b>				
Career History	Ms. Flores is a Transportation Planner at Neel-Schaffer based in the Nashville (TN) office. She holds a bachelor’s degree in Business Sustainability from Arizona State University and a Master’s degree in Public Administration, with a focus on urban sustainability and environmental ethics, from Murray State University. Prior to joining Neel-Schaffer, Natalie gained seven years of experience in Transportation and Community Planning, bringing a strong background in sustainable community development to her current role.				


## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Nicholas Broussard, PE, PTP</b>		Years of experience with this firm/employer	17
	Title	Project Engineer / Planner		Years of experience with other firm(s)/employer(s)	1
	Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering; MS / 2015 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 39864 / LA / 09-30-27; PTP No. 585		
	Year registered	2015	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Bike / Ped Planning Document Development		
	Experience dates (mm/yy–mm/yy)	Experience Description			
03/25 – Ongoing	<b>Lincoln Parish Active Transportation Plan, Lincoln Parish, LA:</b> Mr. Broussard is overseeing the development of a bicycle and pedestrian plan for Lincoln Parish, LA, as part of the overall long-range transportation plan conducted through <b>DOTD's Local Planning Agency (LPA) planning guidebook pilot program</b> . This plan included analysis of the existing <b>non-motorized infrastructure</b> within the Parish, an updated Latent Demand Modeling process, gap analysis, needs assessment, and project recommendations.				
02/23 – 10/25	<b>Louisiana 2055 Statewide Transportation Plan, Statewide LA:</b> Mr. Broussard is overseeing development of the base and forecast socioeconomic data for the statewide travel demand model. He also assisted with the existing plans review.				
09/23 – 04/24	<b>SS4A Safety Action Plan for City of Clarksville, TN:</b> Project Manager. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the City of Clarksville. Mr. Broussard is overseeing development of the project and is responsible for the equity analysis and safety element. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
08/23 – 07/24	<b>Central Mississippi Planning and Development District Comprehensive Safety Action Plan, Jackson, MS:</b> Project Planner. Neel-Schaffer is preparing a Comprehensive Safety Action Plan for the CMPDD, which covers Copiah, Hinds, Madison, Rankin, Simpson, Warren, and Yazoo Counties. The project includes public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each county within the study area. Mr. Broussard is responsible for the development of the equity analysis. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
01/25 - Ongoing	<b>SS4A Safety Action Plan for Horn Lake, MS:</b> Project Manager. Neel-Schaffer is preparing a Supplemental Safety Action Plan for Horn Lake, MS. Mr. Broussard is overseeing development of the project and is responsible for the community impact analysis, project prioritization, and plan report. As a supplemental SS4A plan, this project was conducted in coordination with the Memphis MPO to remain consistent with their Safety Action Plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
11/20 – 01/22	<b>Acadiana (LA) 2050 Metropolitan Transportation Plan:</b> Mr. Broussard is assisting with this project as a Modeler responsible for the development of the socioeconomic data and roadway network. He is also assisting with model calibration.				
09/25 - Ongoing	<b>Baton Rouge (LA) 2050 Metropolitan Transportation Plan (MOVE 2046):</b> Mr. Broussard is overseeing development of the region's long-range transportation plan. This plan is being conducted according to IIJA requirements, and includes an emphasis on regional transit, freight movement, and economic development. He is also overseeing the air quality assessment and conformity analysis.				

05/24 – 05/25	<p><b>Houma-Thibodaux (LA) 2050 Metropolitan Transportation Plan (Destination 2050):</b> Mr. Broussard oversaw development of the region’s long-range transportation plan. This included regional analysis for the plan including high-level short- and long-term recommendations for commonly identified locations within the MPA in need of safety or congestion improvements. He oversaw the plan’s public engagement and the development of the transportation performance management section, which analyzed regional performance compared to targets and proposed strategies and actions the MPO could take to maintain or improve performance. This plan was conducted according to the IJJA requirements with emphasis on performance management and a multimodal approach, including recommendations to address strong public desire for expanded public transit.</p>
06/24 - Ongoing	<p><b>2050 Mississippi Unified Long-Range Transportation Infrastructure Plan (MULTIPLAN):</b> Mr. Broussard oversaw development of the three Metropolitan Transportation Plans (Jackson, Gulf Coast, and Hattiesburg) as part of the overall MULTIPLAN. These plans were conducted according to IJJA requirements with a renewed approach to performance management and the inclusion of short-term projects for multimodal transportation options. This plan continues the consistency with the state plan established in MULTIPLAN 2045 and included revised methodologies for the CMPDD and GRPC Congestion Management Processes.</p>
12/13 - 12/14	<p><b>Lake Charles (LA) 2040 Metropolitan Transportation Plan:</b> As a Planner, Mr. Broussard assisted in the development of the long-range transportation plan and Travel Demand Model. He was responsible for the <b>development of the safety element</b> and assisted with <b>bike and pedestrian analysis</b>. The plan won accolades for its public and stakeholder engagement process and its comprehensive, multimodal approach.</p>
Career History	<p>Mr. Broussard joined Neel-Schaffer in 2009 and has more than 17 years of experience focused on transportation planning, travel demand modeling, and traffic engineering. Prior to joining the firm, he worked for the Louisiana Department of Transportation and Development (LADOTD). He has experience in strategic visioning and planning, public and stakeholder outreach, multimodal travel demand and traffic modeling, demographic forecasting, region-wide safety data analysis, traffic studies, and corridor studies. Mr. Broussard has served as a planner for over 20 local and regional transportation plans in Louisiana, Mississippi, Arkansas, Tennessee, Alabama, and Texas. Since joining Neel-Schaffer, he has continued to work with travel demand modeling and GIS software. He has worked on transportation models for the Houma/Thibodaux, Monroe, Alexandria/Pineville, Vernon Parish, Baton Rouge, Lafayette, Lake Charles, and Monroe areas in Louisiana, a transportation model for the Texarkana area, and on transportation models for Hattiesburg, Jackson, Oxford, and Golden Triangle in Mississippi. He is currently working on updating the transportation models for the small urban areas in Mississippi and the newest Alexandria/Pineville transportation model. He continues to use his crash analysis skills for these models. He has also been involved in the public outreach and visioning processes of the transportation plans.</p>



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Ellen Burke Howard, PE, PTOE, RSP</b>		Years of experience with this firm/employer	10
	Title	Project Manager		Years of experience with other firm(s)/employer(s)	5
	Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 38207 / LA / 03-31-2026; PTOE 3735; RSP 349		
	Year registered	2013	Discipline	Civil Engineering	
	Contract role(s) / brief description of responsibilities		Traffic and Safety Analysis, <b>MPR 5</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 – Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Traffic Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. <b>Includes sidewalks.</b></p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Project will convert existing intersection to single lane roundabout intersection.</p>				
06/22 – Present	<b>District 03 Safety Investment Plan, LADOTD:</b> Engineer for this study evaluating crashes at 119 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.				
04/20 – 07/21	<b>District 05 Safety Investment Plan, LADOTD:</b> Engineer for this study evaluating crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements. There were initially 81 locations with 53 additional locations added as a supplement.				
02/19 – 03/20	<b>District 07 Safety Investment Plan, LADOTD:</b> Engineer for this study evaluating crashes at 63 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.				
12/17 – 03/19	<b>District 08 Safety Investment Plan, LADOTD:</b> Engineer for this study evaluating crashes at 68 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.				
01/14 – 05/15	<b>Safety Study, LA 49 (Williams Blvd.,) Kenner, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.010570):</b> Traffic Engineer responsible for data collection, intersection operational signal analyses (Synchro), and Vissim modeling.				



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



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Steven Hazen, PE</b>		Years of experience with this firm/employer	16
	Title	Senior Engineer		Years of experience with other firm(s)/employer(s)	34
	Degree(s) / Years / Specialization		BS / 1974 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 18087 / LA / 03-31-2027		
	Year registered	1979	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Line and Grade (Road and Bridge), Technical Reviews of Plans			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/20- 12/20	<b>Huntington High School Light Pole Foundations, Shreveport, LA:</b> Steve provided foundation design for light poles on athletic fields at Huntington High School.				
01/24 - Ongoing	<b>Pelican Park Pickleball Courts, Mandeville, LA:</b> Steve provided foundation analysis for lighting at pickleball courts in Mandeville. Scope of work included installation of new foundations, poles, wiring, and associated electrical components.				
01/19 - 12/19	<b>Pelican Park Athletic Fields, Mandeville, LA:</b> The project converted an unused baseball field and surrounding area into a multi-use facility that incorporates a designed pond feature circled by a walking trail. Neel-Schaffer provided engineering services to replace light poles at existing recreational fields. Scope of work included demolition of existing poles, installation of new foundations, poles, wiring, and associated electrical components. A total of fifteen 65-foot poles and corresponding foundations were installed for athletic field lighting. Foundation loads were calculated in accordance with ASCE Standard 7-10, and the L-Pile method was used to determine the ultimate lateral bearing capacity of the soils.				
01/22 - 12/22	<b>Highway 71 (Barksdale Blvd) Lighting:</b> Steve provided foundation design for a four-lane highway in Bossier City, LA.				
01/90 - 12/90	<b>Athletic Field Lighting, Louisiana Tech University, Ruston, LA:</b> Steve provided foundation design for athletic fields at Louisiana Tech University. Scope of work included installation of new foundations, poles, wiring, and associated electrical components.				
01/83 - 12/83	<b>Clyde Fant Parkway Lighting, Shreveport, LA:</b> The project involved the addition of high mast lighting for the four-lane Clyde Fant Parkway in Shreveport. Steve provided foundation design for the project, which included installation of new foundations, poles, wiring, and associated electrical components.				
02/22 – Present	<b>W. Broussard Roundabout at Duhon Rd. (LA 724):</b> This project will construct a roundabout and will require drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (structural design).				
09/18 – 12/18	<b>I-220 / I-20 Interchange Improvement &amp; BAFB Design-Build Proposal, Bossier Parish, LA:</b> Project Engineer. Design of preliminary roadway drainage and H&H analysis for Musselshell Bayou and its tributaries and HEC-RAS analysis of Red Chute Bayou to check for effect of road embankment on flood stages. Project included both bridges and box culverts. Preliminary design was in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.				
02/10 – 10/11	<b>Off System Highway Bridge Program; Sparks Davis Rd Bridge over Tributary to Buchanan Bayou, Caddo Parish, LA:</b> Project Engineer. Work included HEC-RAS analysis of existing bridge opening and bridge replacement alternative plans. Existing bridge was a three-span concrete bridge, and the recommended alternative was four reinforced box culverts. Inspection and design were in accordance with LA Standard Specifications for Roads and Bridges as well as LADOTD Bridge Design Manuals.				



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



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Ronald Kirk Gallien, PE, PTOE</b>		Years of experience with this firm/employer	5
	Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	36
	Degree(s) / Years / Specialization		BS / 1984 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 23428 / LA / 09-30-2027; PTOE No. 1288		
	Year registered	1989	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Traffic QA/QC		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
02/20 – Present	<b>I-20 at LA 544 Overpass Replacement, Lincoln Parish, LA:</b> This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. This project includes four multilane roundabouts located in a tight project area with many constraints and large grade changes. The roundabouts will connect ramps and service roads with adjacent businesses. The project includes new bridge with sidewalk over I-20. The entire project limits are complete street compliant which means it provides facilities for all users. Mr. Gallien provided TMP review.				
08/20 – Present	<b>I-10 &amp; I-12 College Drive Flyover Ramp Design-Build, Baton Rouge, LA:</b> Project Engineer for Interchange Modification Report, Transportation Management Plan and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD’s TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies. The project also includes signal design.				
6/22 – Present	<b>Jimmie Davis Bridge (LA 511) (HBI) Design Build:</b> This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a <b>linear park and provide a multiuse path</b> . Neel-Schaffer is providing the traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. Traffic and TMP support.				
1994 – 2007	<b>DOTD District 05 – District Traffic Operations Engineer</b> <ul style="list-style-type: none"> <li>Performed numerous traffic studies and composed numerous traffic engineering reports regarding traffic control such as traffic signal installations and modifications, signing, pavement markings, and establishing speed limits.</li> <li>Annually investigated and analyzed existing traffic control devices at locations identified as having a high potential for safety improvement and recommended and implemented modifications to improve traffic flow and safety at these locations.</li> <li>Coordinated and supervised upgrading all traffic signals (approximately 275) in District 05 from electromechanical to electronic controller operations.</li> <li>Worked closely with private developers and public entities regarding access to proposed developments to ensure conformance with DOTD standards</li> <li>Completed construction layout of pavement markings on numerous highway construction projects, including centerline passing/no passing zone markings on overlay projects.</li> <li>Served as the legal expert in traffic engineering for District 05, and responded to interrogatories and requests for production, gave depositions, and testified in court</li> </ul>				



1994 – 2007	<p><b>DOTD District 05 – District Traffic Operations Engineer Continued:</b></p> <p><b>Projects:</b></p> <ul style="list-style-type: none"> <li>• <b>Computerized Traffic Signal System in District 05:</b> Provided technical assistance to the consultant during design of the project as well as construction personnel during installation of the field equipment. After completion of the project, implemented and used the computerized traffic signal system to manage traffic operations on US 165.</li> <li>• <b>I-20 Elevated Section Rehabilitation Ouachita Parish:</b> Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.</li> <li>• <b>I-20 Mississippi River Bridge Modifications:</b> Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.</li> </ul>
2007 – 2014 2018 – 2020	<p><b>DOTD District 05 – Assistant District Administrator of Operations</b></p> <ul style="list-style-type: none"> <li>• Supervised traffic engineering and operations, district-wide roadway maintenance, bridge inspection and maintenance, and roadside development activities in District 05.</li> <li>• Reviewed traffic impact studies and reviewed and approved access connection, utility, and project permits in District 05.</li> <li>• Planned, managed, and directed all emergency response activities in District 05, which included emergency response, repairs, and recovery related to hurricanes, flooding, tornadoes, and winter weather.</li> </ul>
2014 – 2018 2020 – 2022	<p><b>DOTD Headquarters – Assistant Secretary of Operations</b></p> <ul style="list-style-type: none"> <li>• Completed traffic studies and prepared written Traffic Engineering reports. Specific duties of traffic engineering studies included compiling field data, performing peak period observations, performing analyses, QA/QC of field data and analyses, forming conclusions and recommendations based on the results of analyses, and preparation of technical reports. Studies included developments such as a 600-student middle school, a 400-student charter school, commercial subdivision, and a 650-unit student housing facility near Louisiana Tech University. Traffic studies and Traffic Engineering written reports also included modifications to existing traffic control devices such as traffic signal installations and modifications, signing, and pavement markings.</li> <li>• Compiled field data and assisted with analysis of data and preparation of a written report to create a District 05 Safety Investment Plan for DOTD District 05, 4400010504, Task Order No. H.014295.1. This included analysis of crash data, determination of crash patterns, determination of appropriate safety countermeasures, benefit/cost analyses, compilation of results and compilation of recommended safety improvements for 32 state and local segments as well as 99 state and local intersections.</li> <li>• Prepared Level 4 Transportation Management Plan for the I-10 and I-12 College Drive Flyover Design Build project, H.013897.6. Preparation of the plan included identifying the scope, goals, and constraints of the project, performing traffic and safety analyses, and assessing detour routes to effectively manage traffic during the project. Assisted with developing plans for stakeholder and public involvement during the project as well as the development of plans for maintenance of traffic, temporary traffic control, and work zone management strategies to be implemented during the project.</li> <li>• For the Garrett Road-Kansas Lane Connector project, H.007300, assisted in preparation of a Level 4 Transportation Management Plan. Assisted with designing temporary traffic control and temporary traffic signal construction and operations required for the project. Reviewed plans and performed QA/QC for temporary and permanent traffic control throughout the entire project limits.</li> </ul>
Certifications	<p>Traffic Engineering Process and Report (Modules 1, 2 &amp; 3) – DOTD  Safety Inspection of In-Service Bridges – National Highway Institute  National Incident Management System – FEMA  Crash Investigation and Reconstruction – Northwestern University</p>



## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Jacob Thiaville, EI</b>		Years of relevant experience with this employer	2
	Title	Engineer Intern		Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		BS / 2022 / Civil Engineering		
	Active registration number / state / expiration date		EI No. 35368 / LA / 09-30-27		
	Year registered	2023	Discipline	N/A	
	Contract role(s) / brief description of responsibilities		Line and Grade (Road and Bridge)		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 - Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621.</p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’ east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Project will convert existing intersection to single lane roundabout intersection.</p>				
04/23 – Present	<b>Lagneaux Turn Lane Improvements, Lafayette, LA:</b> Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.				
04/23 – Present	<b>Rue Du Belier Roundabout:</b> Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.				
04/23 – Present	<b>S. Domingue Roundabout:</b> Project will provide roundabout and drainage improvements. Assisted with design.				
11/22 – Present	<b>East West Corridor Winfield Rd Ext.:</b> Created Concept typical sections, templates to run model, corridor and surface, set up limits of construction and required ROW, line and grade design, plan production. Assisted with traffic analysis report graphics for ADT and queue lengths. TOOLS: Inroads SS2 Modeler (Create Template and Roadway Designer), Inroads Surface, Copying 1300x400’ Clipping boundary and Trimming				
05/22 – 02/23	<b>Iberia Parish Signing and Striping, Iberia Parish, LA:</b> Created CL Alignment, completed all regulatory signing and quantities located all existing regulatory signs and determined if they needed to be relocated, removed or replaced. Determined Type and Size of Sign from MUTCD, Quantified all regulatory signs for urban and rural areas. Tools: InRoads alignment tracking, Excel, MicroStation, MUTCD, Google Earth, LA Tax Assessor				



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



## 16. STAFF EXPERIENCE




Firm employed by Neel-Schaffer, Inc.					
Name	Ryan Lam, EI			Years of experience with this firm/employer	2
Title	Engineering Intern			Years of experience with other firm(s)/employer(s)	0.5
Degree(s) / Years / Specialization		BS / 2023 / Civil Engineering			
Active registration number / state / expiration date		EI 35526 / LA / 03-31-26			
Year registered	2023	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Line and Grade (Road and Bridge)			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 - Present	<p>IDIQ for road design projects - this contract includes five separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements.</p> <p><b>1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226);</b> Plan Production and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection while constructing J-turns and U-turns. It includes minimum right of way taking and detention pond design.</p> <p><b>2.) LA 621: Realignment at LA 73 (Ascension) (SPN. H.014366);</b> Plan Production and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a J-turn and U-turn to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621.</p> <p><b>3.) LA 16: N 2nd Street to LA 445 (Tangipahoa) SPN. H.009425.5;</b> Plan Production and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000' east of Duncan Avenue.</p> <p><b>4.) H.016158: LA 182: US 90 - Greenwood St. Overpass;</b> 3 miles of pavement rehabilitation along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass in Morgan City, LA. <b>Includes curb ramps.</b></p> <p><b>5.) H.015640 LA 150 &amp; LA 818: Roundabout;</b> Project will convert existing intersection to single lane roundabout intersection.</p>				
04/23 – Present	<b>Lagneaux Turn Lane Improvements, Lafayette, LA:</b> Project will provide left turn lanes for eastbound and westbound traffic at Ridge Road and Lagneaux in Lafayette. Assisted with design.				
04/23 – Present	<b>Rue Du Belier Roundabout:</b> Project will convert existing single roundabout to double lane roundabout with drainage improvements and lighting. Assisted with design.				
04/23 – Present	<b>S. Domingue Roundabout:</b> Project will provide roundabout and drainage improvements. Assisted with design.				
07/21 - 08/21	<b>LA 1088: Soutl and Trinity Roundabouts, St. Tammany Parish, LA:</b> Ryan assisted with the title sheet and typical sections, cut plan/profile sheets and displayed the vertical alignment, created reference and benchmark sheets. This project consisted of 2 roundabouts to reduce existing congestion and accommodate future traffic. Tools: MicroStation, InRoads alignment tracking.				
07/21 - 08/21	<b>LA 70: Sunshine Bridge – LA 22, St. James and Ascension Parishes, LA:</b> Ryan assisted in typical sections, created geometric details sheets. This 5.148 mile project consisted of widening the roadway into 4 lanes. Tools: MicroStation, InRoads alignment tracking, Excel.				



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



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Katie Odenthal, PE, PTOE</b>		Years of experience with this firm/employer	15
	Title	Traffic Engineer		Years of experience with other firm(s)/employer(s)	0
	Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering		
	Active registration number / state / expiration date		PE No. 40920 / LA / 03-31-27; PTOE No. 4528		
	Year registered	2016	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/21 - Ongoing	<b>St. Tammany Trace Pedestrian Crossing Studies (Contract No. 600-197), St Tammany Parish, LA:</b> Project Engineer: Oversaw data collection (TMCs, Observations, VRU counts, etc.) crosswalk warrant analyses, and mitigation selection. This study was performed to investigate <b>VRU safety and to provide recommendations for future pedestrian crossings based on LADOTD requirements.</b>				
07/21 - Ongoing	<b>St. Tammany Trace Pedestrian Crossing Studies (Contract No. 21-077), City of Slidell, LA:</b> Project Engineer: Oversaw data collection (TMCs, Observations, VRU counts, etc.) crosswalk warrant analyses, and mitigation selection. This study was performed to <b>investigate VRU safety and to provide recommendations for future pedestrian crossings based on LADOTD requirements.</b>				
02/23 - Ongoing	<b>US 61 @ Victoria Pedestrian Study, Baton Rouge, LA:</b> Project Engineer. The focus of this study was to determine pedestrian safety issues and propose alternatives to improve the pedestrian safety along this 0.7 mile corridor. Assisted with the data collection, which included <b>detailed pedestrian origin-destination counts to determine pedestrian paths and crossing locations along US 61.</b> Reviewed the <b>safety analysis</b> including utilizing the CARTS tool to analyze existing crashes. Developed alternatives for further analysis.				
05/24 - Ongoing	<b>Sherwood Forest Extension (Greenwell Springs to Joor Road) Signal Plans (City-Parish Project No. 20-CP-HC-0014), Baton Rouge, LA:</b> Project Engineer. This project is an extension of the previously completed Sherwood Forest Extension Study to develop signal plans for the recommended improvements. It also includes a <b>crosswalk justification memo based on the LADOTD Traffic Engineering Manual requirements.</b>				
09/22 – Ongoing	<b>LRSP Ardenwood Dr Road Diet (Contract No. 4400013850, T.O. No. H.013622.5), East Baton Rouge Parish, LA:</b> Traffic Engineer. Performed peak period determination, organized data collection submittals. Performed existing and future intersection analyses, developed recommendations, and prepared report. The purpose of this traffic study is to analyze the conversion of this 4-lane roadway to a 3-lane roadway section including <b>bike lanes. Safety of VRUs is also a priority and was analyzed within this study.</b>				
09/22 – 07/23	<b>Sugar House Road Extension, Intersection Control Evaluation (ICE) Study, Alexandria, LA:</b> Traffic Engineer. Performed peak period determination, organized data collection, reviewed safety analysis. In the future, will perform existing and future intersection analyses including signal warrants, if necessary, develop recommendations, and prepare report.				
06/23 – 04/24	<b>LA 384 (Big Lake Rd to McNeese Street) (Contract No. 4400018271 T.O. No. H.011242.1) Calcasieu Parish, LA:</b> Traffic Engineer. This project included analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned growth. Performed existing and alternative safety analysis, performed existing and future intersection analyses, developed recommendations, and prepared report.				
01/24 – Ongoing	<b>US 190 Corridor (E Gause Blvd) (Contract No. 23-171 PO No. 22307798) St. Tammany Parish, LA:</b> Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned growth. Reviewed existing safety analysis, performed existing and future intersection analyses. In the future, will develop recommendations, perform alternative intersection operational and safety analyses, and prepare report.				



07/24 – Present	<b>US 190 Access Management Stage 0 and Traffic Study (Contract No. 700.21.015) City of Mandeville, LA (16541):</b> Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned growth. Performed peak period determination, organized data collection, reviewed existing safety analysis, performed existing and future intersection analyses. In the future, will develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
10/22 – Present	<b>LA 383 Corridor Study (Contract No. 440018271 PO No. H.014746.1) Calcasieu and Jefferson Davis Parishes, LA:</b> Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned development growth. Performed peak period determination, organized data collection, reviewed existing safety analysis. In the future, will perform existing and future intersection analyses, develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
01/24 – Present	<b>Cedar St Ext. to LA 22 and Roundabout (Contract No. 4400026458, PO No. H.014710) St. Tammany Parish, LA:</b> Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned development growth including extending a roadway and installing a roundabout at one of the study intersections. Performed peak period determination, organized data collection, reviewed existing safety analysis, performed existing and future intersection analyses. In the future, will develop recommendations, perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
02/25 – Present	<b>I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study (Contract No. 4400025299, PO No. H.015986.5):</b> Traffic Engineer. This project includes analyzing existing intersection safety and operations and identifying intersection improvements to accommodate existing and future planned development growth including a roundabout design at one of the study intersections. Performed peak period determination and organized data collection. Reviewed existing safety analysis, performed existing and future intersection analyses, and developed recommendations. In the future, will perform alternative intersection analyses, perform alternative safety analysis, and prepare report.
10/21 – Present	<b>MovEBR Synchronization and Communication Signal Rebuilds – Group 3 and Group 4 (Contract No. 800003327 and 800003805), Baton Rouge, LA:</b> Traffic Engineer. Assisted with preparing signal reports. Created signal plans.
10/21 – 05/22	<b>MovEBR Sherwood Forest Extension, Baton Rouge, LA:</b> Traffic Engineer. This project was concerned with extending Sherwood Forest Blvd from Greenwell Springs Rd to Joor Rd. Assisted with alternative analyses for design years and report preparation.
10/21 – 06/22	<b>Harding Blvd at I-110, Baton Rouge, LA:</b> Traffic Engineer. Performing a traffic study along Harding Boulevard between Rosewood Street and Merle Gustafson Drive including the I-110 Ramps in an effort to improve capacity. Performed intersection analyses, tier 1 analyses. Assisted with report preparation.
10/21 – 04/22	<b>US 190 Access Management Project, Mandeville, LA:</b> Traffic Engineer. Performing a traffic study along US 190 from East Causeway Approach to Clausel Street in order to improve capacity. Performed demand calculations. Determined peak periods and peak hours. Performed intersection analyses and tier 1 analyses. Prepared data collection reports and existing analysis and no build analysis report submittals.
03/16 – 04/17	<b>LA 22 Corridor Study (Rou Mar Nei Drive to 1st Street), Tangipahoa Parish, LA:</b> Engineer Intern. Assisted with safety analysis and intersection operational analyses for existing and proposed alternatives. Helped prepare the traffic report.
02/16 – 04/17	<b>LA 22 (Dalwill Dr to Rodger Storme Rd) Corridor Study, Mandeville, LA:</b> Engineer Intern. Assisted with safety analysis and intersection operational analyses for existing and proposed alternatives. Helped prepare the traffic report.
01/14 – 12/16	<b>LA 30 Stage 0 (Contract No. 4400001862, T.O. No. H.010572.1), Gonzales, LA:</b> Engineer Intern. Performed intersection analyses for existing and future alternatives using Synchro and SIDRA software. Checked signal timings.
Career History	Mrs. Odenthal joined Neel-Schaffer, Inc. as a student intern in 2010, went full time in 2012 upon her graduation, and joined the Baton Rouge office in 2014. She is a traffic/transportation engineer who works on a range of traffic and transportation projects including intersection/corridor signal timing studies, signal design projects, and other traffic engineering related projects for both public and private projects. Mrs. Odenthal is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Mrs. Odenthal is a certified Professional Traffic Operations Engineer (PTOE) and has completed DOTD's Traffic Engineering Process and Report (TEPR) training.



## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Haley Streuding, RPA</b>		Years of relevant experience with this employer	5
	Title	Archaeologist		Years of relevant experience with other employer(s)	12
	Degree(s) / Years / Specialization		BA / 2001 / Political Science; BA / 2007 / Anthropology; MS / 2014 / Anthropology		
	Active registration number / state / expiration date		Professional Archaeologist No. 32026903 / MS / 12-31-26		
	Year registered	2014	Discipline	Archaeology	
	Contract role(s) / brief description of responsibilities		Stage 0 Feasibility Study		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
06/23 – 04/24	<b>H.011242:LA 384 (Big Lake Rd. to McNeese St. , Calcasieu Parish, LA):</b> Archaeologist. This project will provide improvements along LA 384 from Lisle Peters Rd. to LA 3092 (Lake St.). Proposed improvements include the construction of a three-lane section (two travel lanes with a two-way-left-turn lane) from Lisle Peters Rd. to Elliott Rd. and the construction of a four-lane median divided roadway between Elliott Rd. to LA 3092. This project includes U-turns and signal improvements as well as complete streets. The project included a Stage 0 report, checklists, conceptual layout, and cost estimates. Provided Archaeological Services.				
02/20 – 01/22	<b>H.014056.1: I-69 Stage 0 Frontage Road (Ellerbe Road), Caddo Parish, LA:</b> This project when combined with the proposed I-69 will provide a connection between Port of Caddo-Bossier and I-49. The project included a stage 0 report, checklists, conceptual layout, and cost estimates. The project also included turn lanes, bridge replacements, upgrading and extending existing roadway to current design guidelines. / Cultural Resources (Archaeological Services).				
02/20 – 01/22	<b>H.014054.1 I-69 Stage 0 Frontage Road (Stonewall Frierson Road), Desoto Parish, LA:</b> This project provides a connection between I-49 and the proposed future I-69. The project included a stage 0 report, checklists, conceptual layout, and cost estimates. The project also included turn lanes, upgrading, and extending existing roadway. / Cultural Resources (Archaeological Services).				
01/22	<b>West Hattiesburg Lamar County Park Project, Lamar County, Mississippi:</b> Principal Investigator. Conducted desktop review for a proposed sports complex in Hattiesburg (January 2022).				
11/21	<b>Port Bienville Rail Storage Yard at Sites 1 and 6, Port Bienville Industrial Park, Hancock County, MS:</b> Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for proposed rail storage project. Work performed for DAK America’s Mississippi, Inc., Bay St. Louis (November 2021).				
11/21	<b>Bozeman Landfill Expansion Project, Lauderdale County, MS:</b> Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report of findings for a proposed landfill expansion in Meridian, Mississippi. The survey was performed for Waste Pro, Inc. (November 2021).				
10/21	<b>Gordon’s Creek Commons Project (Forrest County, MS):</b> Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for the City of Hattiesburg (September 2021).				
10/21	<b>Bogue Chitto Water Park (Pike County, MS):</b> Conducted a Phase I cultural resources survey for proposed pedestrian and trail improvements at the Bogue Chitto Water Park near McComb, MS. Prepared draft report of the survey findings and submitted to the Mississippi Department of Archives and History (MDAH). Work was performed for the Pike County Board of Supervisors, Magnolia, Mississippi (October 2021).				
09/21	<b>City of Biloxi East-West Access Road Project (Harrison County, MS):</b> Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for a proposed access road for the City of Biloxi (August 2021).				
08/21	<b>Green Teal Court Project (Harrison County, MS):</b> Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for a proposed boat house in Biloxi, MS (August 2021).				



08/21	<b>Hall Avenue West BUILD Project, Forrest County, MS (MDOT):</b> Principal Investigator and author of report for a Phase I cultural resources survey performed for the Mississippi Department of Transportation. Project includes proposed road improvements and the construction of a bridge overpass over the Norfolk Southern Railroad (August 2021).
03/21	<b>Hattiesburg FTA Grant Sidewalks Project, Forrest County, MS:</b> Principal Investigator and author of report for a Phase I cultural resources survey performed for the City of Hattiesburg (March 2021).
02/21	<b>Chatom Tower Site, Washington County, AL:</b> Principal Investigator. Conducted a Phase I cultural resources survey and prepared the draft report for a proposed telecommunications tower for the Mobile Communications District (February 2021).
Career History	Ms. Streuding joined Neel-Schaffer in 2020 and is a Registered Professional Archaeologist, based in the firm's Biloxi (MS) office. She has 14 years of experience in the Archaeological field, providing a wide variety of services on projects around the world. She has assisted in several marine geophysical surveys and data acquisition, as well as marine remote sensing data interpretation. She has authored numerous draft and final reports in adherence of Section 106 Compliance.




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Lonny Territo</b>		Years of relevant experience with this employer	10
	Title	Senior Technician		Years of relevant experience with other employer(s)	9
	Degree(s) / Years / Specialization		N/A		
	Active registration number / state / expiration date		N/A		
	Year registered	N/A	Discipline	N/A	
	Contract role(s) / brief description of responsibilities		VRU Counts & Modeling		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/22 – Present	<b>Cargill Reserve Pedestrian Crossing Traffic Study Reserve, LA :</b> Performed traffic and <b>pedestrian counts</b> . This study was performed to investigate <b>VRU safety</b> for a private client where workers were frequently crossing a state highway. FHWA mitigation strategies were utilized to determine viable alternatives. This study also involved developing plans to implement the <b>recommended safety improvements</b> .				
02/19 – 03/20	<b>District 07 Safety Investment Plan, DOTD District 07 (SPN 4400010504, Task No, H.013826.1):</b> Performed traffic counts and site visits to collect site conditions and photos. Project involved all modes of transportation.				
12/17 – 03/19	<b>District 08 Safety Investment Plan, DOTD District 08(SPN 4400010504, Task No, H.013264.1):</b> Performed traffic counts and site visits to collect site conditions and photos. Project included <b>potential safety improvements to 72 locations</b> including both segments and intersections within LADOTD District 08. <b>All modes of transportation were considered at each location.</b>				
05/15 – Present	<b>LA 328 Stage 0 Traffic &amp; Safety Study:</b> Develop to <b>traffic and safety analysis</b> of the LA 328 in proximity to I-10 in St. Martin Parish. Performed traffic counts and, Breaux Bridge, LA: traffic controller downloads.				
06/14 – Present	<b>Baton Rouge Computerized Signalization, Phases IV and V:</b> Performed traffic engineering, signal design and construction services in support of the City of Baton Rouge computerized signalization. Phase IV included 21 intersections and Phase VA included 23 intersections. Phase VB which is currently in the design phase includes 24 intersections. Performed traffic counts and traffic controller downloads.				
09/14 – 01/18	<b>District 02 Traffic Signal Inventory Retainer Contract: LA 39, LA 46 &amp; LA 47 Corridor Improvements (28 intersections):</b> Performed traffic counts and traffic controller downloads.				
09/14 – 01/18	<b>District 02 Traffic Signal Inventory Retainer Contract, LA 39, LA 46 &amp; LA 3021 Corridor Improvements (26 intersections):</b> Performed traffic counts and traffic controller downloads.				
09/14 – 01/18	<b>District 02 Traffic Signal Inventory Retainer Contract: I-610, I-10, US 90 &amp; LA 3021 Corridor Improvements (17 intersections)</b> (4400004829 Task Order H.011649.5) Performed traffic counts and traffic controller downloads.				
09/14 – 01/18	<b>District 02 Traffic Signal Inventory Retainer Contract: US 90, US 61 &amp; LA 611-9 Corridor Improvements (20 intersections):</b> Performed traffic counts and traffic controller downloads.				
09/14 – 01/18	<b>District 02 Traffic Signal Inventory Retainer Contract: US 61 &amp; LA 3154 Corridor Improvements (23 intersections):</b> Performed traffic counts and traffic controller downloads.				
08/14 – 08/17	<b>Retainer Contract for Traffic Signal Engineering, US 80 Traffic Control Signal Upgrades:</b> Provided signal design plans and signal timing plans at 20 intersections along US 80 in Shreveport, LA. Performed traffic counts and traffic controller downloads.				
07/14 – 12/14	<b>Baton Rouge Computerized Signalization Phase VA:</b> 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	<b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02: US 11, Slidell, LA (16 intersections):</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	<b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02: LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections):</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	<b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, LA 44, Gonzales, LA (10 intersections):</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	<b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, LA 19, Baker, LA (10 intersections):</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14– 05/15	<b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, US 425, Vidalia/Ferriday, LA (11 intersections):</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	<b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, LA 3124/LA 60/LA 10/LA 16, Bogalusa, Amite, Franklinton, Kentwood, Amite, LA (32 intersections):</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
Career History	Lonny joined Neel-Schaffer in 2013 and has nearly 20 years of experience as a technician and resident project representative. He has provided construction inspection services and traffic counts and traffic controller downloads for a wide variety of projects, including intersection improvements and traffic studies.
Certifications	ATSSA – Traffic Control Supervisor ATSSA – Registered Flagger IMSA/FOA Certified Fiber Optic Technician IMSA – Work Zone Temporary Traffic Control Technician IMSA – Traffic Signal Inspector Level 1 IMSA – Traffic Signal Design/Engineering Level II IMSA – Traffic Signal Senior Field Technician Level III.




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Ting Yi, PhD, PE</b>		Years of experience with this firm/employer	5
	Title	Senior Transportation Engineer		Years of experience with other firm(s)/employer(s)	15
	Degree(s) / Years / Specialization		PhD/2008/ Civil Engineering; MS/2004/Civil Engineering; BS/2001/Civil Engineering		
	Active registration number / state / expiration date		PE No. 108975 / TX / 03-31-2026		
	Year registered	2011	Discipline	Civil	
	Contract role(s) / brief description of responsibilities		Travel Demand Modeling		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/24 - 04/25	<p><b>2055 Louisiana Long-Range Transportation Plans (LRTP):</b> As modeling task lead, Dr. Yi developed a statewide travel demand model. The new freight model includes generation (in tons), distribution, mode choice and the derivation of freight trucks from TRANSEARCH tonnage information. To validate models, data collection was obtained from multiple sources (DOTD, Google Imagery, 2020 Census, TRANSEARCH) and included Streetlight O-D data. Initial model runs and adjustments were compared with obtained data to validate TDM outputs. She also identified committed projects and used validated TDM and 2050 TRANSEARCH data to develop the final staged improvement programs and short-term projects.</p>				
01/21-07/22	<p><b>Lafayette (LA) 2050 Metropolitan Transportation Plan:</b> As travel demand task lead, Dr. Yi developed a calibrated and validated TDM. She adjusted modeled input data to reflect existing demographic and land use activities. She analyzed the Streetlight O-D data to get the external-external (EE) trips, external-internal (EI) trips equations and trip length frequency distribution. She adjusted the model parameters to validate the daily model estimated volumes against traffic counts.</p>				
01/23-12/24	<p><b>2050 Mississippi Statewide Travel Demand Model Update:</b> As travel demand task lead, Dr. Yi developed a calibrated and validated statewide model. She refined the freight network and centroids based on the latest Freight Analysis Framework (FAF 5.0). She updated the freight model using commodity flow data and derived the freight trucks from tonnage information. She also analyzed the Replica O-D data to get the Internal-Internal HBW/HBO/NHB trip length frequency distribution, Auto/Medium Truck/Heavy Truck external-external (EE) trips, external-internal (EI) trips. She adjusted the model parameters to validate the daily model estimated volumes against traffic counts. Dr. Yi identified committed projects and used validated TDM and future FAF data to understand future travel patterns with new improvements.</p>				
10/20 - 03/22	<p><b>Baton Rouge (LA) 2046 Metropolitan Transportation Plan (MOVE 2046):</b> As modeling task lead, Dr. Yi updated the TDM TAZs, highway network and Transit network using TransCAD through the evaluation of land use/DOTD traffic/CATS Transit data. She also reviewed 2019/2020 Capital Region Transportation Survey (CRTS) report and helped the development of tour based regional model. Dr. Yi used Streetlight O-D data to analyze EE trips, calibrated EI trips equations and trip length frequency distribution. Finally, Dr. Yi developed a calibrated and validated TDM. Following the base model development, Dr. Yi conducted traffic projections and evaluated alternatives using various corridor layouts.</p>				
Career History	<p>Dr. Yi has 20 years of experience in travel demand modeling (TDM using TransCAD), micro simulation model (using VISSIM) and performing complex transportation projection. She has been responsible for the refinement and application of TDM systems to evaluate potential federally funded projects at both the regional and corridor levels in Mississippi, Louisiana, Texas, Illinois and Michigan. She led the development of TDM and micro simulation model for traffic projection, analysis and alternatives recommendations in TxDOT Mobility 35 Plan, Interstate 10 Corridor Study and MDOT Kalamazoo Transportation Study. She also developed toll modeling for the traffic and revenue study in Gordie Howe International Bridge, TxDOT managed lanes projects and NTTA toll roads system.</p>				




## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Cedric Hyman, El</b>		Years of experience with this firm/employer	3
	Title	Transportation Planner		Years of experience with other firm(s)/employer(s)	0
	Degree(s) / Years / Specialization		BS / 2023 / Environmental Studies		
	Active registration number / state / expiration date		El 0035535 / LA / 03-31-2026		
	Year registered	2023	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Bike/Ped Planning			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
04/24 - 09/24	<b>Capital Region Planning Commission Comprehensive Safety Action Plan, Louisiana:</b> Mr. Hyman assisted in the development of the region’s safety analysis in accordance with the Fiscal Year 2022 Safe Streets and Roads for All Grant Program to provide a baseline level of crashes, as well as determine equity areas. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
08/23 – 07/24	<b>South Central Planning and Development Commission/Houma Thibodaux Metropolitan Planning Organization (HTMPO) Comprehensive Safety Action Plan, Houma, LA:</b> Transportation Planner. Neel-Schaffer prepared a Comprehensive Safety Action Plan for the HTMPO, which covered Assumption, Lafourche, and Terrebonne Parishes. The project includes public engagement, safety analysis, equity analysis, policy review, vision and goal setting, and strategy and project selection for each parish within the study area. The project also included a corridor study for Grand Caillou Boulevard and a focused local school safety plan for Assumption Parish. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
12/24 - 04/25	<b>Louisiana 2055 Long-Range Transportation Plan:</b> Mr. Hyman assisted in the development of the statewide Travel Demand Model, as well as the development of GIS mapping of the demographic and socioeconomic data.				
09/23 – 04/24	<b>Safety Action Plan, Clarksville, TN:</b> Assisted in the development of the region’s safety analysis in accordance with the Fiscal Year 2022 Safe Streets and Roads for All Grant Program to provide a baseline level of crashes, as well as identified roadways and intersections for safety studies. The plan includes public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
10/23 - 08/24	<b>Calcasieu Parish (LA) Master Transportation Thoroughfare Plan:</b> Assisted with updating the Parish Travel Demand Model. Mr. Hyman contributed to the development of updated socioeconomic data, TAZ layers, roadway networks, and identified capacity projects from previous plans, stakeholders, and MPO input to conduct model test runs to analyze and predict future traffic patterns.				
08/23 – 06/24	<b>Safety Action Plan, Central Mississippi Planning and Development District, Jackson, MS:</b> Transportation planner for a Safe Streets for All Safety Action Plan. The plan includes public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
09/23 – 04/24	<b>Safety Action Plan, Dothan, AL:</b> Transportation Planner for a Safe Streets for All Safety Action Plan for the City of Dothan. The planning effort included extensive public engagement, equity analysis, crash analysis, goal setting, strategy/project selection and prioritization, and an implementation plan. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
Career History	Mr. Hyman has worked on numerous local and regional transportation planning projects in Louisiana, Mississippi, Tennessee, and Alabama. His participation and contributions to these plans include: collecting and analyzing demographic and socioeconomic data to understand demand and growth, assisting with public and stakeholder outreach, assisting with model development, GIS mapping using crash data for safety maps, safety planning and strategies, corridor studies, and traffic studies.				



## 16. STAFF EXPERIENCE


	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Siam Junaed</b>		Years of experience with this firm/employer	1
	Title	Engineer Intern		Years of experience with other firm(s)/employer(s)	1
	Degree(s) / Years / Specialization		MS / 2025 / Engineering; BS / 2022 / Civil Engineering		
	Active registration number / state / expiration date		EIT No. Pending		
	Year registered	n/a	Discipline	n/a	
	Contract role(s) / brief description of responsibilities		Bike/Ped Planning		
	Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/25 - 11/25	<b>Jackson TN Safety Action Plan:</b> Traffic Analyst. The Jackson TN Safety Action Plan was awarded through the SS4A grant program. Siam contributed to the project by conducting crash analyses, <b>identifying high-injury segments and intersections</b> , and assisting in the <b>development of High Injury Network maps</b> . He supported the recommendation of targeted safety improvements and helped prepare <b>prioritized lists of safety projects</b> along with cost estimates. Additionally, Siam assisted in drafting project reports to support the planning and implementation process.				
03/25 - Ongoing	<b>SS4A Pedestrian Safety Planning Study, Horn Lake, MS:</b> Traffic Analyst. Siam conducted crash history analyses to identify <b>historical crash trends for fatal and serious injury pedestrian crashes</b> in the Horn Lake, MS, area. Siam assisted in <b>developing High Injury Network maps</b> and recommending targeted safety improvements based on identified high-risk segments and intersections. Siam also contributed to drafting the final project report.				
03/25 - 10/25	<b>SS4A Safety Action Plan, Eupora, MS:</b> Traffic Analyst. Siam analyzed crash history to determine historical crash trends for fatal and serious injury crashes in the Eupora, MS area. Siam supported the development of High Injury Network maps, recommended targeted safety improvements, and helped prepare <b>prioritized lists of safety projects</b> with cost estimates. Siam also <b>reviewed existing pedestrian infrastructure and proposed enhancements</b> , contributing to the final project report.				
02/24 - 08/25	<b>SS4A Safety Action Plan, Laurel, MS:</b> Traffic Analyst. Siam conducted crash history analysis to identify locations with a high number of fatal and serious injury crashes in the Laurel, MS, area. Siam assisted in <b>developing High Injury Network maps, recommending safety improvements</b> , and preparing prioritized safety project lists with cost estimates. Siam also contributed to drafting the final project report.				
03/25 - 10/25	<b>SS4A Safety Action Plan, Meridian, MS:</b> Analyzed crash trends and high-injury locations, <b>supported High Injury Network development, and recommended safety improvements</b> . Assisted with prioritized project lists and report drafting.				
11/25 - 11/25	<b>Asbury Church Traffic Study, Lafayette, LA:</b> Traffic Analyst. Siam assisted in conducting the traffic impact study. He analyzed the impacts of proposed developments on nearby roadways using HCS. Siam also conducted turn lane analyses and contributed to drafting the final project report.				
Career History	Mr. Junaed joined Neel-Schaffer in 2025 in the Lafayette (LA) office, working on local and regional travel demand models in Alabama and Louisiana. He serves as the task lead for the development of roadway networks for travel demand models. In addition, he assists with trip generation development and the preparation of the master network. Prior to joining Neel-Schaffer, Siam worked on state-funded projects in collaboration with Louisiana Transportation Research Center (LTRC). He has also worked with state and national level transportation databases, including the Fatality Analysis Reporting System (FARS), Regional Integrated Transportation Information System (RITIS), and Louisiana Department of Transportation (DOTD) Crash Database. He has authored eight peer-reviewed publications and has presented multiple research papers at the Transportation Research Board (TRB) Annual Meetings. <b>One of the publications he co-authored was, “Pedestrian fatalities on US interstates: a pattern mining approach to investigating pedestrian actions and policy implications,” published in Case Studies on Transport Policies.</b> He also serves as a peer reviewer for TRB.				

## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Mahak Gupta</b>		Years of experience with this firm/employer	1
	Title	Transportation Planner		Years of experience with other firm(s)/employer(s)	0
	Degree(s) / Years / Specialization		MS / 2024 / City and Regional Planning, Transportation; MS-GIST / 2024; B.Arch / 2020 / Architecture		
	Active registration number / state / expiration date		n/a		
	Year registered	n/a	Discipline	n/a	
	Contract role(s) / brief description of responsibilities		Bike/Ped Planning		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
09/25 – Present	<b>Baton Rouge MPO MTP 2050 &amp; Northwest Louisiana MPO MTP 2050:</b> Mahak led the review and synthesis of existing transportation plans, policies, and studies for both the Baton Rouge and Northwest Louisiana MPO 2050 Metropolitan Transportation Plans. Mahak evaluated current goals, performance measures, and project priorities to identify gaps, alignment opportunities, and areas for modernization. Mahak also prepared summary documents outlining key findings from the plan reviews, supporting the development of updated regional strategies and long-term transportation recommendations.				
10/23 - 12/25	<b>MULTIPLAN – MDOT LRTP Update 2050:</b> Mahak supported the development of the MDOT Long-Range Transportation Plan (LRTP) Update 2050 by contributing to report writing, and documentation of statewide multimodal transportation needs. Mahak synthesized demographic, socioeconomic, and system performance data into clear narrative sections and visuals for the final report. Mahak also coordinated with team members to ensure consistency across chapters and helped prepare deliverables summarizing long-term investment priorities and recommendations.				
09/25 - 11/25	<b>Safety Action Plan, Jackson, TN:</b> Mahak contributed to the development of the Jackson, TN, Safety Action Plan by assisting with data organization, report drafting, and synthesis of technical findings into the main report. Mahak helped translate crash analysis results, community input, and network assessment findings into clear and actionable narrative sections. Mahak also supported the creation of graphics and tables. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
03/25 - 10/25	<b>SS4A Safety Action Plans, Eupora, Laurel, Meridian, MS:</b> Mahak analyzed community survey data for the SS4A Safety Action Plans in Eupora, Laurel, and Meridian, MS, helping the team understand public perceptions of transportation safety, infrastructure needs, and priority locations of concern. Mahak cleaned, coded, and summarized survey responses, developed charts and graphics, and integrated findings into the project reports. <b>This project included network screening for a High Injury Network (HIN) and Vulnerable Road Users (VRU HIN).</b>				
03/25 – Ongoing	<b>Lincoln Parish Active Transportation Plan, Lincoln Parish, LA:</b> Mahak conducted a latent demand analysis to identify areas within Lincoln Parish with potential for increased bicycle and pedestrian activity based on land use, demographics, and existing active transportation networks. Mahak also performed a <b>detailed crash analysis to assess historical crash patterns and safety concerns for pedestrians and cyclists across the parish.</b> Mahak developed supporting GIS maps, including multimodal demand hot spots and crash trend visualizations, and contributed to drafting the final report by summarizing key findings and recommendations.				
Career History	Mahak Gupta is a Transportation Planner at Neel-Schaffer based in the Birmingham office. She joined the firm in June 2025 after completing her dual master’s degrees in City and Regional Planning and Geographic Information Science & Technology at Georgia Institute of Technology. Prior to joining Neel-Schaffer, Mahak accumulated significant experience through academic research and internships, contributing to high-profile transportation and urban design projects and safety initiatives. Mahak specializes in transportation planning, geospatial analysis, and safety assessments. Her work focused on applying GIS tools, data analytics, and technical writing to support impactful, data-informed planning solutions.				




## 16. STAFF EXPERIENCE

	<b>Firm employed by Neel-Schaffer, Inc.</b>				
	Name	<b>Meredith Moore</b>		Years of relevant experience with this employer	20
	Title	GIS Technician		Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		BS / 2005 / Architectural Engineering Technology		
	Active registration number / state / expiration date		N/A		
	Year registered	N/A	Discipline	N/A	
	Contract role(s) / brief description of responsibilities		GIS Mapping & Exhibits		
Experience dates (mm/yy-mm/yy)	Experience Description				
04/09 - 09/09	<p><b>Asset Management and GIS Program, Lucedale, MS:</b> Meredith was tasked with designing and implementing both a sanitary sewer GIS system and a potable water GIS system. She also used a Topcon GPS unit to collect sewer manholes, lift stations, water wells, fire hydrants, water valves, water wells, and water tanks. Using old sewer and water maps and the knowledge of City workers, she developed a complete sanitary sewer system and potable water system in GIS. She also was in charge of making map books for the field workers to use while in the field. The project also consisted of training the City of Lucedale's Public Works Department on how to use ArcMap and ArcCatalog.</p>				
01/23 - 11/25	<p><b>BEAM Professional Services, Jackson, MS:</b> Meredith has been assigned to develop a series of geospatial maps that provide BEAM with a comprehensive visualization of broadband infrastructure investments across Mississippi. These maps highlight areas where funding has been allocated, show the locations of existing fiber installations, and delineate distinct project zones throughout the state. In addition to map creation, Meredith is responsible for executing a suite of geoprocessing tools that assist BEAM in identifying regions lacking broadband coverage. She has also conducted detailed spatial analyses to determine where service is most needed, assess the density of project areas, and evaluate tree canopy coverage within those zones—factors that are critical for planning and deployment strategies.</p>				
06/21 - 02/22	<p><b>Pavement Management, Greene County, GA:</b> Created a web app to evaluate pavement using the GDOT PACES manual. The web app will give an overall rating score and will allow the user to pick the best pavement preservation. A video log of the existing pavement condition will also be obtained and attached to the centerline of the roadway. The data will be used to illustrate the pavement conditions.</p>				
12/21 - 04/22	<p><b>Public Works Update, Laurel, MS:</b> Create databases for the stormwater and roadways that will be implemented into Cityworks as part of the City's Privatization plan.</p>				
05/25 - 12/25	<p><b>Birmingham ADA Compliance Project:</b> Meredith was tasked with creating a map book that shows the ADA compliant sidewalks for the City of Birmingham. The map consisted of compliant, moderate compliant, and noncompliant priorities. The sidewalks were color coded and mapped out. Then the map book and spreadsheet was generated to be placed in a report.</p>				
02/25 - 12/25	<p><b>Point Coupee Parish Sign Inventory and Street Assessment:</b> Meredith was tasked with creating an ESRI Fieldmaps file that field workers could collect data and location for every sign within the Parish. I also worked with iWorkQ to create a pavement management plan for the Parish.</p>				
05/25 - 07/25	<p><b>City of Demopolis, AL Zoning Map Improvements:</b> Tasked with creating the zoning Map for the City of Demopolis and adding any updates that are needed. Meredith also created a City District map. Meredith also created an ESRI ArcGIS Online account for the City and uploading the two maps. Then we created a link on their website so the public can access these interactive maps.</p>				
Career History	<p>Ms. Moore joined Neel-Schaffer in 2006 and provides CADD and GIS services involving water and sewer systems, drainage systems, roadways, and recreational facilities. She also provides GIS support to multiple clients, training for the use of ESRI products, develops standard operating procedures for the ESRI applications, runs geoprocessing tools for data analysis, creates applications for data collection and field workers, and works with web designers to embed maps within the clients website for public viewing.</p>				



## 16. STAFF EXPERIENCE

	Firm employed by Neel-Schaffer, Inc.				
	Name	Justin LeBlanc		Years of relevant experience with this employer	14
	Title	GIS Technician (Part Time)		Years of relevant experience with other employer(s)	0
	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		GIS Mapping & Exhibits		
Experience dates (mm/yy-mm/yy)	Experience Description				
12/22 - Ongoing	<b>LA 89 at Chemin Metairie Road Improvements:</b> 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 - Ongoing	<b>E. Milton Avenue Improvements:</b> 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. <b>This project includes curb and gutter with sidewalks,</b> as well as preliminary and final plans. Project is in Youngsville, LA.				
02/20 - Ongoing	<b>W. Broussard Roundabout at Duhon Road (LA 724):</b> 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 - Ongoing	<b>LA 383 Stage 0 Feasibility Corridor Study:</b> 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 - Ongoing	<b>Earhart Expressway Masterplan Stage 0 Feasibility Study:</b> 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 - Ongoing	<b>LA 10 Stage 0 Feasibility Improvements:</b> 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 - Ongoing	<b>I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:</b> 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 - Ongoing	<b>I-69 Stage 0 Feasibility (Ellerbe Road to LA 1):</b> 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 - Ongoing	<b>I-69 Stage 0 Feasibility (Stonewall-Frierson Road):</b> 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 roadway and intersection design. He provided avoidance maps with oil and water well data and other environmental sites.				

## 16. STAFF EXPERIENCE



Firm employed by Vectura Consulting Services, LLC				
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP		Years of experience with this firm/employer	10
Title	Supervisor-Eng		Years of experience with other firm(s)/employer(s)	18
Degree(s) / Years / Specialization		MBA / 2010; MS / 2006 / Civil Engineering (Transportation focus); BS / 1997 / Civil Engineering		
Active registration number / state / expiration date		PE No. 29901 / LA / 3/31/2026		
Year registered	2001	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis <b>MPR 3</b>		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/23 – 08/24	<b>H.972501.1 South Range Road Operations Study Stage 0 Feasibility Study (Tangipahoa Parish, LA):</b> Laurence was the Principal in Charge for a Stage 0 for the Regional Planning Commission (RPC) to evaluate operating conditions of the S. Range Road corridor that included the intersection with Old Covington Highway. The corridor study included traffic data collection, <b>pedestrian / bicycle counts, safety analysis</b> , existing conditions analysis and alternative analysis. The results were summarized in a <b>Stage 0 report</b> .			
03/10 - 09/10	<b>Downtown Baton Rouge Greenway (Baton Rouge, LA):</b> Laurence was the lead transportation engineer of a feasibility and cost study for integration of a new transportation infrastructure greenway into the existing layout of urban streets in and around Downtown Baton Rouge that included North Boulevard. The purpose of the greenway was to <b>enhance bicycle and pedestrian users</b> in the downtown area. Amenities proposed included <b>wayfinding signage, path delineation by use of benches, bicycle racks, etc., lighting and landscape elements</b> .			
01/12 -07/12	<b>Government Street Road Diet Study (Baton Rouge, LA):</b> Laurence developed alternatives that considered DOTD's “Complete Street” policy which required that <b>pedestrian and bicycle facilities</b> be accommodated for upgraded or new roadway facilities along the project corridor. The performances of conventional and roundabout intersections were evaluated using SIDRA and VISSIM software.			
12/24 - Ongoing	<b>LSU Lakes Restoration, Baton Rouge, LA:</b> Laurence was the project manager for the traffic engineering and mobility component of the project. Laurence managed the vehicular, <b>pedestrian and bicycle</b> data collection process. Traffic Design Reports were developed for the intersections of Dalrymple Drive at May Street and E. Lakeshore Drive at S. Stadium Drive. The design reports included evaluations for roundabouts and improved traffic signals. Consistent with the <b>EBR Complete Street Ordinance and MOVEBR design guidelines</b> , Laurence developed alternatives that enhanced <b>pedestrian and bicycle accommodations</b> .			
5/21 – 8/23	<b>H.013267 Downtown to Scotlandville Parkway Trail Safety Enhancement Study, Baton Rouge, LA:</b> Laurence was the project manager to evaluate the recommended <b>street crossing treatments of the trail at eight locations</b> . The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the <b>FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations</b> were developed that included <b>Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's or HAWKS)</b> . Currently, Vectura is developing <b>construction plans</b> for the PHB's at four locations, which will be the first implementation of PHB's in the Baton Rouge area.			
11/20 – 12/21	<b>MOVEBR LA 67 (Plank Road) Enhancement Project, Baton Rouge, LA:</b> Laurence was the project manager to enhance <b>transit, bicycle, and pedestrian mobility</b> on Plank Road that required both City-Parish and DOTD approval. Laurence developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.			
04/21 – 4/24	<b>Bus Rapid Transit, Baton Rouge, LA:</b> Laurence was the project manager for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Vectura collected turning movement counts, performed <b>safety analyses, intersection analyses and traffic signal design</b> . The traffic signal design was particularly challenging due to the severe right-of-way constraints due to historic properties and cemeteries.			

09/24 – 09/25	<b>University Avenue Design Standards, Lafayette, LA:</b> Laurence was the project manager to develop cohesive design elements so that the <b>University Avenue corridor</b> becomes a gateway to the University of Louisiana campus. Vectura focused on the <b>traffic signals, street lighting, and crosswalk markings</b> .
01/07 – 04/08	<b>Downtown Baton Rouge Signal Projects, Baton Rouge, LA:</b> As project manager, Laurence oversaw every component to replace <b>29 traffic signals</b> in downtown Baton Rouge as part of the Green Light Plan. Since these signals were in an urban area, Complete Street components like <b>traffic calming, pedestrian accommodation, utility coordination, and the replacement of non-compliant ADA ramps</b> were considered.
07/14 - 01/17	<b>FHWA Intersection &amp; Interchange Geometrics: Innovative Design Considerations for All Users (Multiple States)</b> FHWA funded workshops for state Departments of Transportation that were interested in learning more about <b>innovative intersection &amp; interchange design</b> . Laurence presented either part or all the one-day or two-day workshops that included modules on the overall policy and goals of FHWA for these types of <b>innovations, roundabouts, roundabout interchanges, DLTs, DDIs, J-turns / Superstreets, MUT, Thru-turns, quadrant, and the assessment tools (CAP-X)</b> available to compare the measures of effectiveness of each innovation. Each module includes sections on design, traffic operations, safety and <b>multi-modal accommodation</b> . Laurence has presented for the Alabama, Kentucky, Ohio, Oklahoma, Massachusetts, Tennessee, and Texas Departments of Transportation under this contract.
07/24 – 01/26	<b>City of New Orleans Speed Management Program:</b> Laurence was the project manager for the New Orleans Speed Management Engineering Study established a comprehensive, data-driven framework to <b>reduce speeding and improve safety</b> citywide. The project included a national best-practices review, screening and prioritization of streets based on public input and crash data, supplemental speed studies for 60 priority segments, and development of <b>targeted traffic calming solutions</b> for the top 50 corridors. Recommendations ranged from quick-build to permanent interventions, supported by conceptual designs and performance evaluation methods. Finally, the study provided staffing and equipment guidance to ensure a sustainable Speed Management Program for the City.
Career History	Laurence is a seasoned transportation engineer and project manager with more than two decades of experience leading multimodal planning, traffic engineering, and Complete Streets initiatives across Louisiana. Recognized for his leadership in advancing safe, accessible, and context-sensitive roadway design, Laurence has played a significant role in shaping regional transportation policy and project delivery.  Since 2013, Laurence has served on the East Baton Rouge Parish Complete Streets Advisory Committee— including two years as Chair—helping guide implementation of the parish’s Complete Streets vision. He has also been a member of the Louisiana DOTD Complete Streets Committee since 2023, contributing to statewide multimodal design guidance. From 2019 to 2021, Laurence served on the Capital Area Transit System (CATS) Board of Commissioners, where he oversaw planning, funding, and delivery of multiple “last-mile” transit facilities. In 2023, Laurence completed the Safety of Vulnerable Road Users Workshop through the Louisiana Local Technical Assistance Program.



## 16. STAFF EXPERIENCE



Firm employed by Vectura Consulting Services, LLC				
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of experience with this firm/employer	10
Title	Supervisor - Eng		Years of experience with other firm(s)/employer(s)	27
Degree(s) / Years / Specialization		BS / 1988 / Civil Engineering		
Active registration number / state / expiration date		PE No. 25383 / LA / 09-30-27		
Year registered	1993	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Technical Review of Plans		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/25 - Ongoing	<b>16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.), Baton Rouge, LA:</b> Brin is the project manager for construction engineering and inspection services for the MoveBR Bus Rapid Transit Traffic Signal project involving <b>19 signalized intersections</b> . Her responsibilities included scheduling the inspectors, reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff.			
07/21 - Ongoing	<b>H.007160 - EBR Computerized Traffic Signal, Phase VB, Baton Rouge, LA:</b> Brin is the task leader for Vectura for the Construction Engineering and Inspection of <b>24 traffic signals</b> . Brin oversaw the <b>review of signal mast arm shop drawings</b> to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.			
07/19 – Ongoing	<b>MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)</b> Brin is the lead traffic engineer for the entire New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the <b>Traffic Engineering staff of DOTD and EBR Traffic Engineering Department</b> . She understands the current requirements for all aspects of traffic engineering projects.			
07/19 – Ongoing	<b>H.004791 DOTD Belle Chasse Bridge &amp; Tunnel Replacement PPP, Belle Chasse, LA:</b> Brin is the project manager for the <b>temporary and permanent traffic signal plans</b> for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her <b>traffic signal plans</b> on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first Public-Private-Partnership performed by DOTD.			
09/20 – 12/21	<b>H.010960.5 LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</b> Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing <b>three existing signalized intersections with multilane roundabouts</b> along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.			
07/18 – 04/19	<b>LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA:</b> Brin developed a <b>Pedestrian Crosswalk Study and Traffic Signal Construction Plans</b> for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included <b>traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses</b> . The signal plans included <b>pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs</b> , DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.			

09/17 - 04/18	<p><b>US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design, Slidell, LA:</b> Brin developed a formal traffic study for a proposed crosswalk with <b>pedestrian traffic signal equipment</b> and <b>pedestrian clearance timings</b> based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed <b>signal timing for pedestrians to cross the street</b>. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.</p>
04/14 - 12/14	<p><b>H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project, Baton Rouge, LA:</b> As the project engineer, Brin was in responsible charge for data collection and design for <b>three signalized intersections</b> as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.</p>
07/12 - 03/14	<p><b>EBR 03-TS-CI-0026 CE&amp;I for EBR Traffic Signal Systems Jefferson Highway Construction, Baton Rouge, LA:</b> Brin was the Project Resident Engineer on behalf of EBR for performing CE&amp;I services for the construction of <b>11 traffic signals</b>. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as all items on the EBR project closeout checklist.</p>
07/08 - 09/09	<p><b>SPN 013-05-0043 CE&amp;I for EBR Traffic Signal Systems Phase IV Construction, Baton Rouge, LA:</b> Brin was the Project Resident Engineer for DOTD and EBR to perform CE&amp;I services for the construction of <b>21 traffic signals</b>. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.</p>
09/13 - 04/14	<p><b>S.P. 700-99-0477 Jefferson Hwy. Signal Design, Baton Rouge, LA:</b> Brin designed traffic signal plans for <b>11 intersections</b> along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included <b>traffic signal synchronization signal timing and pedestrian signal timing</b>. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.</p>
03/05 - 11/05	<p><b>Airline Hwy Widening SPN 700-99-0332, Baton Rouge, LA:</b> Brin designed <b>8 traffic signals</b> as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.</p>
02/03 - 01/04	<p><b>EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172, Baton Rouge, LA:</b> Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.</p>
Career History	<p>Brin Ferlito is an accomplished traffic engineer and project manager with more than two decades of experience delivering complex traffic signal design, construction engineering and inspection (CEI), and program management services across Louisiana. She has led some of the region's most visible traffic operations and signal system improvements, bringing a deep understanding of DOTD, City-Parish, and MPO requirements.</p> <p>Brin currently serves as Project Manager for the MovEBR Bus Rapid Transit Traffic Signal project, providing CEI oversight for 19 signalized intersections throughout Baton Rouge. Her responsibilities include staff scheduling, signal plan review, conflict resolution, quantity verification, and coordination with contractors, consultants, and City staff to keep construction progressing efficiently.</p>



## 16. STAFF EXPERIENCE



Firm employed by Vectura Consulting Services, LLC				
Name	Kristen Gahagan Farrington, PE, PTOE, RSP		Years of experience with this firm/employer	5
Title	Engineer		Years of experience with other firm(s)/employer(s)	7
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering		
Active registration number / state / expiration date		PE No. 42785 / LA / 03-31-27, PTOE 4863 / 03-26-26		
Year registered	2017	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic & Safety Analysis <b>MPRs 4 &amp; 5</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/24 – 05/25	<b>H.013722.5 Morgan City Sidewalks – Downtown &amp; Myrtle Street, Morgan City, LA:</b> Kristen developed plans for <b>pedestrian signal installation</b> at the intersection of LA 182 and Myrtle Street. Kristen verified the <b>pedestrian clearance timing</b> by examining the traffic signal inventory data and analyzing pedestrian clearance timing.			
07/24 – 01/26	<b>City of New Orleans Speed Management Study (New Orleans, LA)</b> Kristen was the lead engineer for the New Orleans Speed Management Engineering Study established a comprehensive, data-driven framework to <b>reduce speeding and improve safety</b> citywide. The project included a national best-practices review, screening and prioritization of streets based on public input and crash data, supplemental speed studies for 60 priority segments as determined from screening, and development of <b>targeted traffic calming solutions</b> for the top 50 corridors identified to have speeding issues. Recommendations ranged from quick-build to permanent interventions, supported by conceptual designs, anticipated costs, and performance evaluation methods. Finally, the study provided staffing and equipment guidance to ensure a sustainable Speed Management Program for the City. Kristen also coordinated with City officials as well as DOTD on proposed changes to the City’s existing speed limit setting policy.			
07/25 – Ongoing	<b>H.015200.5 East St &amp; Parkview Dr Sidewalks:</b> Kristen was the lead engineer to develop a <b>comprehensive Pedestrian Study</b> to improve safety and accessibility along key corridors adjacent to three (3) schools and two (2) churches. Kristen coordinated with the local schools, churches, and other pedestrian trip generators to identify peak activity periods and desire lines. Extensive data collection was performed, including vehicular volumes, pedestrian counts with origin-destination observations, spot speed studies, gap analysis, and field assessments of existing conditions. <b>Crash history and relevant pedestrian plans</b> were reviewed to inform an alternatives analysis evaluating <b>current and potential crosswalk locations</b> . Based on these findings, Kristen developed a <b>Crosswalk Justification Report</b> detailing methodology, data, and recommendations. The scope also included <b>design services for signing and pavement markings for mid-block crosswalks, enhancements, warning devices, and school zone flashers</b> .			
09/24 – 09/25	<b>University Avenue Design Standards, Lafayette, LA:</b> Kristen was the lead engineer to develop cohesive design elements so that the University Avenue corridor becomes a gateway to the University of Louisiana campus. Vectura focused on the <b>traffic signals, street lighting, and crosswalk markings</b> .			
12/23 – 08/24	<b>H.972501.1 South Range Road Stage 0, Tangipahoa Parish, LA:</b> Kristen was the project manager for a Stage 0 project to improve <b>operations and pedestrian safety</b> on South Range Road. The project included data collection, existing conditions analysis, <b>safety analysis</b> , and alternatives development, as well as development of a full <b>Stage 0</b> including environmental impacts and costs.			
11/24 - Ongoing	<b>H.014944 LA 415 to LA 1 Multi-Use Path</b> This project involved developing a <b>Pedestrian Crossing Traffic Study and Pedestrian Signal Equipment Design</b> for two locations in accordance with Louisiana DOTD requirements: (1) LA 1 at Court Street and (2) a midblock crossing on Commercial Drive near Lobdell Highway. The traffic study was prepared following DOTD Traffic Engineering Manual Section 3B.2.9 and DOTD Traffic Engineering Process and Report Requirements, documenting existing conditions and providing recommendations for pedestrian equipment based on local and national guidelines. The signal design was developed in compliance with the DOTD Traffic Signal Design Manual and standards, incorporating conceptual layouts for pedestrian signals at both locations. GIS and other sources provided existing and proposed field conditions, including rights-of-way, pavement edges, utilities, handicap ramps, sidewalks, and striping, to support accurate and complete design plans.			

05/23 – 05/24	<p><b>US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA)</b> As a subconsultant to Richard C. Lambert Consultants, LLC, Kristen was the lead engineer for a <b>sidewalk feasibility study</b> that included data collection, safety analysis, alternative analysis, and final report to improve <b>operations and pedestrian safety</b> on Fremaux Ave. Extensive data collection was performed, including vehicular volumes, 12-hour pedestrian counts with origin-destination observations, spot speed studies, and field assessments of existing conditions.</p>
01/25 - Ongoing	<p><b>16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.), Baton Rouge, LA:</b> Kristen provided construction engineering and inspection services for the <b>MovEBR Bus Rapid Transit Traffic Signal</b> project involving <b>19 signalized intersections</b>. Her responsibilities included reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff. She reviewed shop drawing submittals, updated plan markups based on field conditions, and participated in regular project and biweekly coordination meetings to ensure design intent, constructability, and documentation accuracy throughout the project.</p>
12/24 - Ongoing	<p><b>University Lakes Restoration, Baton Rouge, LA:</b> Kristen conducted a traffic engineering study, signal design, and construction assistance services for the University Lakes Traffic Signal project. Her responsibilities included data collection, <b>safety analysis</b>, and operational analysis at the intersection of Dalrymple Drive and May Street, permanent and temporary signal design, coordination with the City and prime consultant on construction sequencing options, and reviewing signal plans and confirming proposed pole locations, reviewing shop drawing submittals, and coordinating with contractors, consultants, and City staff.</p>
04/21 – 4/24	<p><b>CP No. 16 CI-US-0032 Bus Rapid Transit Improvement Project, Baton Rouge, LA:</b> Kristen was a project engineer for a <b>traffic design study and traffic signal design of 19 signals</b> along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the <b>safety analysis</b> as well.</p>
5/21 – 8/23	<p><b>H.013267 Capital Area Pathways Project / Downtown to Scotlandville Parkway Trail Safety Enhancement Study and Pedestrian Hybrid Beacon Design, Baton Rouge, LA:</b> Kristen served as a project engineer to evaluate the recommended street crossing treatments of the trail at nine locations, including three state routes which required DOTD approval. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included <b>Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's)</b>. Upon completion of the study, Kristen designed PHBs at four (4) crosswalk locations. Once bid, Kristen provided construction assistance, responding to requests for information from the contractor.</p>
12/23-01/26	<p><b>23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing, Baton Rouge, LA:</b> Kristen served as project engineer for the design study and assisted with Construction Engineering &amp; Inspection (CEI) efforts for the <b>Bluebonnet Pedestrian Hybrid Beacon</b> project, including evaluation of existing conditions, assisting with design, and agency compliance across multiple phases. Responsibilities included: evaluation of existing sight distance, traffic volumes, and spot speed study results to develop recommendations for the <b>safe crossing of pedestrians</b> at this location. She also developed <b>conceptual layouts of the crosswalk location</b> based on available right-of-way, assisting with quality control of signal design submittals including equipment, signs, and quantities. Kristen reviewed and submitted shop drawing packages for traffic signal equipment.</p>
Career History	<p>Kristen is a traffic engineer with extensive experience leading pedestrian safety studies, traffic signal design, and multimodal corridor planning for agencies across Louisiana, including New Orleans, Baton Rouge, Lafayette, and multiple DOTD districts. She has managed and supported projects ranging from citywide speed management frameworks to detailed crosswalk justification studies, mid-block crossing designs, and construction engineering assistance for complex signalized corridors.</p>



## 16. STAFF EXPERIENCE



### Firm employed by Toole Design Group, LLC

Name	<b>Trung Vo, PE, AICP</b>		Years of experience with this firm/employer	8
Title	Principal Planner		Years of experience with other firm(s)/employer(s)	7
Degree(s) / Years / Specialization			MS / 2011 / Civil Engineering; BS / 2009 / Civil Engineering	
Active registration number / state / expiration date			PE.0043608 / LA / 9/30/2027	
Year registered	2019	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Training & Review & Update Manuals, Practices, Processes	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/22 - 08/22	<b>CSU Complete Streets and Work Zone Guidelines, Fort Collins, CO:</b> Trung supported the creation of <b>Complete Streets guidance</b> and work zone guidelines for the University. The guidelines will ensure that projects affecting CSU’s transportation network will prioritize <b>safety, connectivity, and comfort for active mode</b> .
03/19 - 03/21	<b>Denver Complete Streets Design Guidelines, Denver, CO:</b> Trung was the Deputy Project Manager for Denver’s effort to create its <b>first Complete Streets Design Guidelines</b> , which transforms how the City and County of Denver plans, designs, builds, and maintains Complete Streets. He was heavily involved in conducting the background review, managing stakeholder coordination, and writing the design guidelines.
12/18 - 11/21	<b>Denver Bikeway Design Manual, Denver, CO:</b> Trung was part of the team working with the City and County of Denver to create a <b>Bikeway Design Manual</b> . As part of this effort, Trung reviewed existing policies, procedures, and guidance related to bicycle facility design in Denver to inform the guidance in the Design Manual. He gave presentations to and facilitated discussions with the project steering committee on design elements such as <b>protected bike lanes and neighborhood bikeways</b> .
08/20 - 11/21	<b>DRCOG Regional Complete Streets Toolkit, Denver Region, CO:</b> Trung was Toole Design’s Project Manager for the development of a <b>Regional Complete Streets Toolkit</b> for the Denver Regional Council of Governments. Trung led the creation and assignment of a multimodal street typology for all arterials and collectors across the Denver region, coordinating closely with DRCOG’s member governments. The Toolkit serves as a critical resource for <b>Complete Streets implementation</b> , encouraging cross-jurisdictional collaboration and incentivizing Complete Streets in all phases of project development.
01/21 - 01/21	<b>FHWA Bikeway Selection Training, Denver, CO:</b> Trung leveraged his experience and expertise as a planner and engineer to facilitate an <b>all-day training on FHWA’s Bikeway Selection Guide</b> to transportation practitioners in the Denver region. He provided the historical context for <b>bikeway selection and guidance</b> for the tools, strategies, and considerations for modern-day decision-making. Participants learned how to evaluate trade-offs when selecting bikeway types and methods to mitigate the severity and frequency of crashes between motorists and bicyclists.
Career History	Trung uses his planning and engineering expertise to develop and implement multimodal transportation projects, programs, and policies. He specializes in multimodal planning and design, public engagement, design guidance, and training facilitation. Trung has led transportation plans, corridor studies, and preliminary and final designs for communities across North America.

## 16. STAFF EXPERIENCE



Firm employed by Toole Design Group, LLC				
Name	Jeremy Chrzan, PE, PTOE, LEED AP		Years of experience with this firm/employer	12
Title	Senior Principal Engineer		Years of experience with other firm(s)/employer(s)	15
Degree(s) / Years / Specialization		MS & BS / 2002 / Civil Engineering		
Active registration number / state / expiration date		PE.00131988 / TX; PTOE 1868 / all / 02-06-27		
Year registered	2019	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Training & Review & Update Manuals, Practices, Processes, <b>MPR 7</b>		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/18 - 12/24	<p><b>AASHTO Guide for the Development of Bicycle Facilities, Fifth Edition:</b> Jeremy served as the lead engineer and co-author for the fifth edition of the <b>AASHTO Bike Guide</b>. He was tasked with identifying best practices related to <b>separated bike lane design, intersection design, and other bikeway types</b> based on research. Specific areas of investigation include sight distance analysis, <b>pedestrian accessibility, the use of mountable curb designs, signalization, signing and markings at intersections and pedestrian crossing locations</b>, geometric design, <b>buffered bike lanes, contraflow bike lanes</b>, and treatments at roundabouts.</p>			
10/22 - 10/24	<p><b>Montgomery County Accessible Design Guide, Montgomery County, MD:</b> Jeremy served as the Engineering Lead for this <b>accessibility design guide</b> that goes well beyond the national accessible design guidance of PROWAG. Jeremy was responsible for QC of all graphics and text, and provided recommendations for a variety of accessible design treatments. All recommendations were informed by research and alignment with other design guidance and best practices. A particular focus was the use of directional indicators, which can be deployed in four different ways to provide different information to people with vision disabilities.</p>			
02/23 - 07/24	<p><b>Montgomery County Curbless and Shared Street Design Guide, Montgomery County, MD:</b> Jeremy served as the Engineering Lead for this <b>curbless and shared streets design guide</b>. Jeremy oversaw the development and review of graphics, and reviewed all of the guidance text. Because this guide provides technical information that goes beyond PROWAG, he leveraged past experiences with other accessibility guidance and research to ensure that the recommendations would meet the needs of people with disabilities.</p>			
09/25	<p><b>DRCOG Multimodal Street Design Training, Denver, CO:</b> Jeremy served as the <b>Lead Trainer for an all-day, comprehensive workshop</b> on the recently updated AASHTO Bike Guide, US Access Board's PROWAG, the NACTO Bikeway Design Guide, and the 11th Edition of the MUTCD. Jeremy developed the presentation slide decks and interactive activities, coordinated essential design topics with DRCOG to ensure that topics of importance had a specific focus, and oversaw the creation of accessible deliverables that could be read by a screen reader.</p>			
09/18 - 06/20	<p><b>FHWA Incorporating On-Road Bicycle Facilities into Resurfacing Projects:</b> Jeremy served as a <b>lead trainer for the Federal Highway Administration (FHWA) rollout of the Incorporating On-Road Bicycle Facilities into Resurfacing Projects workbook</b>. These all-day trainings were presented to Metropolitan Planning Organization (MPO), Department of Transportation, City, and Municipal employees to provide guidance on the process changes and available methods for making multimodal improvements as part of roadway resurfacing schedules. Jeremy also led discussions throughout the training to get these key stakeholders to talk about and work through issues that currently impede the process, ultimately culminating in real action items to be addressed by the attendees and their agencies.</p>			

09/13 - 01/19	<p><b>MassDOT Separated Bike Lane Planning &amp; Design Guide:</b> Jeremy served as a contributing engineer and author for the concepts and design principles associated with implementing <b>protected bicycle lanes</b> for the Massachusetts DOT guide. His responsibilities included best practices research, iterative intersection geometric design, sight distance and speed analysis, drainage and maintenance consideration, ADA compliance, and writing various portions of the guide. The guide was published in November 2015 and was the first comprehensive guide for separated bike lane design in the County. Jeremy has since presented the guide at various conferences and training sessions across the U.S.</p>
09/14 - 08/16	<p><b>FHWA Guide for Achieving Multimodal Networks: Applying Design Flexibility and Reducing Conflicts:</b> Jeremy served as a contributing engineer, identifying best practices to enhance the <b>pedestrian and bicycle transportation network</b>. His research involved reviewing existing design principles from various state and federal design manuals and alternative ideas and approaches that used less traditional roadway design features. The solutions require more engineering judgment but provide the flexibility necessary to accommodate all users of the built environment. Specific areas of investigation involved intersection design, vehicle turning speeds, roundabout design treatments, and rural arterial roadways through small towns.</p>
11/19 - 07/21	<p><b>MnDOT Best Practices for Pedestrian/Bicycle Safety Handbook:</b> Jeremy served as the Quality Control Lead for the development of the <b>Best Practices Handbook</b> to ensure that the content aligns with the forthcoming AASHTO Bike Guide and the newest relevant guidance and research. Jeremy reviewed each of the sections to flag topics for additional consideration and modification to ensure that the document would remain relevant and provide designers with the flexibility needed to innovate and address the safety and comfort of people walking and biking.</p>
10/18 - 06/20	<p><b>Los Angeles Supplemental Street Design Guide, Los Angeles, CA:</b> Jeremy served as a senior engineer for the development of the <b>LA Bureau of Engineering's Supplemental Street Design Guide and LA Department of Transportation</b> design details to address safety issues and accommodations for active transportation and traffic calming. Jeremy worked with both agencies to discuss best practices for design, and refined the guide's content to address specific concerns for Los Angeles streets. He was particularly involved in the consideration of ADA accommodations, grading, and drainage to demonstrate how to construct curb extensions, truck aprons, floating bus stops, and other street treatments.</p>
10/20 - 08/21	<p><b>Los Angeles Supplemental Street Design Guide, Los Angeles, CA:</b> Jeremy served as a senior engineer for the development of the <b>LA Bureau of Engineering's Supplemental Street Design Guide</b> and LA Department of Transportation design details to address safety issues and accommodations for active transportation and traffic calming. Jeremy worked with both agencies to discuss best practices for design, and refined the guide's content to address specific concerns for Los Angeles streets. He was particularly involved in the consideration of ADA accommodations, grading, and drainage to demonstrate how to construct curb extensions, truck aprons, floating bus stops, and other street treatments.</p>
Career History	<p>Jeremy is a Professional Engineer with over 27 years of experience in transportation, municipal, and site engineering projects. He leads Toole Design's Multimodal Design Practice focused on companywide best practices for design. His comprehensive engineering background encompasses bicycle and pedestrian safety; highway and roundabout design; green street projects; project management and permitting; traffic mitigation; stormwater management; erosion control; maintenance and protection of traffic; utility coordination; and construction oversight. Jeremy combines years of design and permitting experience with technical knowledge of design guidance, research, and innovative best practices to identify key project issues and practical solutions for all modes of transportation.</p>



## 16. STAFF EXPERIENCE



### Firm employed by Toole Design Group, LLC

Name	<b>Angie Byrne, MCHES, CPH</b>		Years of experience with this firm/employer	1
Title	Principal Planner		Years of experience with other firm(s)/employer(s)	18
Degree(s) / Years / Specialization		MPH / 2006 / Public Health BA / 2003 / Political Science		
Active registration number / state / expiration date		n/a		
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities		Training & Review & Update Manuals, Practices, Processes, <b>MPR 7</b>		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/24 - 12/25	<b>Morgan Hill Safety Action Plan, Morgan Hill, CA:</b> Angie supported development of the <b>first Safety Action Plan</b> for Morgan Hill, specifically leading efforts to review existing plans and policies, descriptive data, and selection of systemic safety strategies.			
01/25 – 01/25	<b>Barr Foundation SS4A Application Support:</b> Angie served as the Technical Advisor for Toole Design's grant-writing support effort for multiple municipalities across Massachusetts. She provided QA/QC review for at least five grant applications to ensure compliance with application requirements and thematic compliance with the <b>SS4A program goals</b> .			
11/25 - Ongoing	<b>MAPC SS4A Grant for Boston MPO, Boston, MA:</b> Angie is serving as the Principal-In-Charge for a project to move the Boston Region Vision Zero Action plan closer to implementation. To date, Angie has supported in analysis efforts to determine roadway types and communities within the region for which the MPO will provide additional support.			
10/24 - Ongoing	<b>MARC Safety Action Plan, Liberty, MO:</b> Angie is serving as a Technical Advisor to the <b>MARC Safety Action Plan</b> effort to develop a regional safety strategy. She supported the community of Liberty by developing a behavioral strategies toolkit and providing QA/QC reviews on deliverables associated with the development of the Safety Action Plan.			
03/24 - Ongoing	<b>Fresno Vision Zero Action Plan, Fresno, CA:</b> Angie is serving as a Technical Advisor to the development of the <b>Fresno Vision Zero Action Plan</b> . Angie has been helping Fresno think through and make critical safety decisions about the direction and content of the Action Plan.			
01/22 - 03/25	<b>Safe Streets and Roads for All (pre-award):</b> Angie served as the <b>Technical Lead for the Safe Streets and Roads for All (SS4A)</b> grant program with the USDOT-Office of the Secretary. SS4A is a \$5B grant program that has awarded thousands of projects throughout the country to implement safety projects throughout the country. Angie was responsible for operationalizing the grant program, including developing the first Notice of Funding Opportunity, promoting the program, training DOT staff on the program and their role within it, co-managing the team of grant team reviewers, providing technical assistance to applicants, and announcing grant recipients.			
2022 - 2025	<b>Safe Streets and Roads for All (post-award):</b> Angie served as the technical lead for the USDOT Volpe Center's Support of the Federal Highway Administration Office of Safety <b>Safe Streets and Roads for All (SS4A) team</b> . In this role she helped FHWA develop reporting templates compile and assess data from all SS4A reports received and provided recommendations for internal and external training. Additionally, she developed a <b>methodology for examining SS4A Action Plans</b> for noteworthy practices and innovative strategies, supported development of trainings for grant recipients, and provided technical assistance to grant recipients.			

2021 – 2025	<p><b>FHWA Office of Safety Interagency Agreement:</b> Angie served as the IAA Manager for a multi-year agreement for \$3.6 million that supported multiple program managers within the FHWA Office of Safety. Examples of project support include capacity building efforts for those working in the safety discipline, development and support of the Vision Zero pairing program, peer exchange facilitation and related support, noteworthy practices and case studies, assessment of the <b>Vulnerable Road User assessments</b> conducted by the states, various rulemaking and reports to Congress (e.g., HSIP, VRU), analysis efforts (e.g., identifying definitions and noteworthy practices in the state VRU assessments), and other research and analysis roles as requested.</p>
2006 - 2016	<p><b>Development and Implementation of the Highway Safety Plan (HSP) and Annual Report, Maine, Vermont, New Hampshire, Connecticut:</b> Angie served as a regional program manager in the NHTSA Region 1 office where she supported multiple New England states in the development and implementation of the Highway Safety Plan and Annual Report for the 402, 405, SAFETEA-LU, and TEA-21 associated grant programs. This included training highway safety office staff, with particular emphasis in growing their knowledge and helping them with the application of the Uniform Guidance (2 CFR 200). This role also included process evaluation, program assessment, improving data understanding and analysis, and coordination with other surface grant program (e.g., MCSAP, HSIP, etc.)</p>
09/21 - 03/25	<p><b>National Roadway Safety Strategy:</b> Angie served as one of the <b>authors of the National Roadway Safety Strategy (NRSS) that set the national goal of achieving zero fatalities and serious injuries on our nation's roadways</b> by using a Safe Systems Approach. In this role Angie supported development of the strategies, particularly in the areas of Safer Vehicles and Post-Crash Care, and supported efforts related to the Call to Action with safety partners in achieving the strategies outlined in the NRSS.</p>
Career History	<p>Angie has a passion for integrating systems approaches and public health into transportation safety. Prior to joining Toole Design, Angie spent 18 years at the USDOT, where she played a critical role in developing the National Roadway Safety Strategy and operationalizing the Safe Streets and Roads for All grant program. During her time at USDOT, she worked with and across multiple modal administrations, primarily with federal grant programs, specializing in identifying how to use multidisciplinary approaches to addressing safety challenges. She has a master's in public health from The Ohio State University.</p>



## 16. STAFF EXPERIENCE



### Firm employed by Toole Design Group, LLC

Name	<b>Benjamin Magallon, AICP, TSSP-Rail/Bus</b>		Years of experience with this firm/employer	<1
Title	Senior Planner		Years of experience with other firm(s)/employer(s)	12
Degree(s) / Years / Specialization			M.Arch / 2015 / Architecture and Urban Planning BS / 2005 / History and Anthropology	
Active registration number / state / expiration date			Transit Safety and Security Professional - Rail and Bus American Institute of Certified Planners No. 342167	
Year registered	n/a	Discipline	n/a	
Contract role(s) / brief description of responsibilities			Training & Review & Update Manuals, Practices, Processes	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/24 - 10/25	<b>Lake Charles Safety Action Plan, Active Transportation Plan, and Non-motorized Design Guide, Lake Charles, LA:</b> Ben was the Deputy Project Manager for the Lake Charles Safety Action Plan and Active Transportation Plan, a federally funded Safe Streets and Roads for All (SS4A) initiative. As Deputy Project Manager, he assisted in the delivery of all aspects of the plan, ensuring federal grant compliance and eligibility for future funding rounds under the SS4A program. This included public engagement, stakeholder coordination, securing the leadership commitment, equity planning analysis, non-infrastructure recommendations, performance management recommendations, the development of the High Injury Network (HIN) and identification of projects to address crashes throughout Lake Charles. <b>This project also included the development of a HIN map, active transportation plan, bicycle network and non-motorized design guide to steer future improvements with best practice design guidance.</b>
11/23 - 12/24	<b>NLCOG Regional Active Transportation Plan, Bossier, Caddo, DeSoto and Webster Parishes, LA:</b> Ben was Deputy Project Manager for this Regional Active Transportation Plan developed to build a complete network for active transportation across the four-parish area. Ben assisted with all technical analyses, public engagement, and client interactions. A standalone non-motorized design guide was created as a tool to assist local governments with context appropriate design of facilities going forward. For this plan, each proposed project was evaluated using a four-point scale for implementation feasibility. <b>This project received an honorable mention for a Transportation Focus in the 2025 Louisiana APA “Excellence for a Plan” award category. This project included a network screening for a High Injury Network (HIN) and development of projects to address Vulnerable Road User (VRU) crashes and high risk locations.</b>
2024	<b>TxDOT El Paso District Aesthetics Plan, El Paso, TX:</b> Ben was the Project Manager for a previous firm’s team to create an Aesthetics Master Plan for the TxDOT El Paso district. Ben led a team that researched existing design guidelines to ensure design consistency when applying new themes, mapping themes in GIS to identify commonalities, and writing narrative to provide historic context and explain recommended design themes for new or improved interchanges in the district.
2018 - 2025	<b>Louisiana Statewide Technical Assistance for Transit (STAT):</b> The contract involved providing technical planning assistance to LADOTD, Public Transportation Section, SSO Program Manager, and each of the rural transportation providers in Louisiana. Ben provided research on transit system performance, level-of-service delivery and service gaps and needs. He also helped to develop and conduct workshops and training and document preparation to support the update of the Statewide Human Services Transportation Coordination Plan. Ben <b>developed and helped deliver workshops</b> for MPO planners, LADOTD PT section, and transit providers across the state for federal compliance, mobility planning, GIS skills workshops, and coordinated human services transportation plan development workshops. In addition, Ben researched and developed content for recent quarterly newsletter to disseminate information to the transit providers in Louisiana. Ben conducted research and data analysis and led the development of the state’s Transit Asset Management (TAM) Plan and provided support to LADOTD for subsequent annual NTD reporting requirements for TAM.



2020	<p><b>Public Transportation Agency Safety Plan Development:</b> Ben provided technical assistance to TxDOT in the development of FTA compliant Public Transportation Agency Safety Plan (PTASP) for the state's 38 urban (Section 5307) public transportation systems through interview, research, and specific analysis assignments to all tasks included in the <b>development of the safety document</b> which was compliant with FTA guidelines and adopted prior to the established deadlines to document compliance. The general tasks involved in the project included 1) collecting and reviewing existing safety related documents, training, personnel procedures, maintenance procedures, and planning documents, etc.; 2) interviewing the providers to determine the level of safety related activities at their organization; 3) developing a 49 CFR Part 673 compliant document incorporating the four components of Safety Management Systems and each agencies existing documentation, policies, and processes; 4) assisting the agencies with the adoption process; 5) developing communication content to convey the intent of their new PTASP; and 6) developing a report detailing the breadth of the effort. Ben also helped develop and record training that was provided to ARDOT PT and 5307 transit employees on implementing Safety Management Systems (SMS) and on maintaining and updating the PTASP for federal compliance. As part of this process Ben developed training and accompanied ARDOT across the state delivering TAM training to transit agencies through a "Roadshow" on TAM and coordinated human services transportation plan development processes.</p>
2018	<p><b>Arkansas Statewide Transit Asset Management Plan:</b> Ben worked with the Arkansas Department of Transportation (ARDOT) to develop a sustainable data-oriented process for transit asset management with a particular emphasis on investment prioritization and business practices for maintaining a state of good repair. The approach also examines previous and concurrent plans as well as the relationship between local and statewide goals with Federal requirements for transit asset management. The framework developed for ARDOT also drew directly from the newly developed decision support tool developed by ARDOT for Statewide Transit Tracking and Reporting System (ARSTTARS). This tool was incorporated in the TAM update process and illustrated how data managed through this system will better support ongoing asset management and reporting to FTA. The project concluded with a compliant TAM plan with recommendations for implementation, including funding, raising community awareness, and investment prioritization in order to better support safe, reliable, and efficient transit services statewide.</p>
Career History	<p>Ben is a Senior Planner who combines his background in cultural studies, the built environment, planning, data, and policy development to help clients navigate complex planning problems. In his profession, he focuses on creating positive change in the communities he serves by applying data driven analysis with robust community and stakeholder engagement. He has managed and worked on a variety of projects for public and private sector clients, including resilience, sustainability, long-range transportation, mobility, safety action, and transit plans. Through this work, Ben values effective communication and compelling storytelling.</p>



## 16. STAFF EXPERIENCE



### Firm employed by Toole Design Group, LLC

Name	<b>Michelle Danila, PE, PTOE</b>		Years of experience with this firm/employer	14
Title	Principal Engineer		Years of experience with other firm(s)/employer(s)	8
Degree(s) / Years / Specialization			MS / 2006 / Civil Engineering BS / 2004 / Civil Engineering	
Active registration number / state / expiration date			Professional Engineer: MA (48093), RI (9693) Professional Traffic Operations Engineer #2814	
Year registered	2009/2011	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Training & Review & Update Manuals, Practices, Processes	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/17 - 12/21	<b>MassDOT Shared Use Path Guide Peer Review:</b> Michelle reviewed the draft Shared Use Path Planning and Design Guide as a strategic advisor. Michelle reviewed the draft guide for compliancy with the latest edition of the AASHTO Bike Guide, shared use path best practices, and Massachusetts-specific context.			
10/18 - 12/24	<b>AASHTO Guide for the Development of Bicycle Facilities - National:</b> Michelle was responsible for the initial content development for how to design for people biking at roundabouts, interchanges, and alternative intersections. These new topics were added to the Guide based on a literature review and best practice research to develop principles and guidelines on how to safely and comfortably accommodate people biking at these intersection types. In addition, Michelle reviewed and addressed comments for the Traffic Signals and Pedestrian Hybrid Beacons chapter to enhance the understanding of this complex topic.			
09/14 - 08/16	<b>FHWA Achieving Multimodal Networks: Applying Flexibility in Design and Reducing Conflicts:</b> Michelle served as the Project Manager for the development of the Reducing Conflicts chapter as part of FHWA’s Guide for Achieving Multimodal Networks: Applying Flexibility in Design and Reducing Conflicts. The purpose of the guide is to assist jurisdictions in providing strategies for reducing conflicts where various modes intersect. As part of the project, Michelle completed a literature review, conducted stakeholder outreach, participated in on-site assessments, and developed design resources on various design topics. The design topics range from reducing conflicts at transit stops, schools, intersections with separated bike lanes, and shared use paths.			
04/10 - 09/13	<b>Boston Complete Streets Guidelines, Boston, MA:</b> Michelle assisted with the development of Boston’s Complete Streets Guidelines. She prepared presentations to City representatives and wrote various aspects of the guidelines. Michelle played an active role in preparing the Intersection chapter with a focus on signalized intersections.			
09/13 - 01/19	<b>MassDOT Separated Bike Lane Planning &amp; Design Guide:</b> Michelle assisted in the development of the Separated Bike Lane Planning & Design Guide for MassDOT. Using her MassDOT design knowledge, Michelle was involved in the development of the Intersection chapter, reviewed other chapters, and assisted in the graphics development for the guide. Through Michelle’s experience in designing separated bike lanes, she provided valuable input into intersection sight distance.			
11/16 - 09/19	<b>ODOT Safety Studies:</b> Michelle served as a Project Manager for conducting safety studies throughout Ohio. The safety studies were conducted according to the state’s guidelines and include crash analysis, countermeasure recommendations, and cost/benefit analysis. Michelle prepared two safety studies with one in Hamilton County for District 8 and one in Columbiana County for District 11. In addition, Michelle attended the Safety Studies training class and obtained a certificate of accomplishment from the Ohio Traffic Academy in March 2017.			



10/17 - 12/21	<p><b>MassDOT Complete Streets Funding Program Upgrades:</b> Michelle was the Project Manager leading the effort to upgrade the MassDOT Complete Streets Funding Program’s documents. In just six weeks, Michelle and the team rewrote the guidance document and revised all the Tier 2 and Tier 3 documents. Working with MassDOT staff, we simplified and clarified the process for municipalities while stating the program requirements. The end result is a graphics heavy guidance document along with user-friendly Tier 2 Prioritization Plan spreadsheet and Tier 3 application. In addition, the team prepared a Quick Guide to use as a marketing tool to encourage municipalities to participate in the funding program. At the completion of the project, the MassDOT project manager stated “the team readily understood the vision for the project and accomplished the work within a tight timeframe.”</p>
10/17 - 12/21	<p><b>MassDOT Complete Streets Expert Assistance:</b> Michelle provided technical assistance to MassDOT for projects being implemented through the Pedestrian and Bicycle Funding Program. Michelle reviewed and developed concepts for implementing pedestrian and bicycle facilities on state-owned roadways throughout the Commonwealth. The program aimed to address barriers in walking, biking, and taking transit identified by the Statewide Pedestrian Plan and Statewide Bicycle Transportation Plan through filling sidewalk gaps, adding bike facilities, and enhancing transit access and stops.</p>
Career History	<p>Michelle has a broad civil engineering background that includes transportation planning, traffic analysis, safety analysis, and roadway and intersection design. As Toole Design’s Director of Engineering Operations, Michelle provides a unique perspective on project management and project delivery having worked in both the public and private engineering sectors. Michelle strives to improve safety for all roadway users, especially people walking, biking, and taking transit while developing high-quality design documents. Michelle has worked on roadway and intersection design projects at all scales throughout the United States, and is skilled in taking designs from concept through construction. Michelle was a lead author for the Federal Highway Administration’s Achieving Multimodal Networks: Applying Design Flexibility and Reducing Conflicts, a contributing author of the Massachusetts Department of Transportation’s Separated Bike Lane Planning and Design Guide, a contributing author of the 2024 American Association of State Highway and Transportation Officials Guide for the Development of Bicycle Facilities, and the engineer-of-record for numerous projects.</p>



## 16. STAFF EXPERIENCE



### Firm employed by Toole Design Group, LLC

Name	<b>Dylan Passmore, P.Eng.</b>		Years of experience with this firm/employer	4
Title	Principal Engineer		Years of experience with other firm(s)/employer(s)	15
Degree(s) / Years / Specialization		MS / 2007 / Planning and Sustainable Transportation BS / 2000 / Electrical Engineering (Computer)		
Active registration number / state / expiration date		Professional Engineer: British Columbia (40218)		
Year registered	2014	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Training & Review & Update Manuals, Practices, Processes		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/25 - Ongoing	<b>Issaquah Street Standards Update, Issaquah, WA:</b> Dylan is the Project Manager and Technical Lead supporting the City of Issaquah in reviewing and updating its bicycle-related policies, intersection guidance, and standard details. The work also includes supporting internal stakeholder engagement to ground the work in local implementation realities.			
10/25 - Ongoing	<b>Updates to the Caltrans Complete Intersection Guide:</b> Dylan is the Toole Design lead supporting Caltrans in updating the “Complete Intersections: A Guide to Reconstructing Intersections and Interchanges for Bicyclists and Pedestrians.” to ready the guide for publication.			
02/23 - 12/25	<b>AC Transit: Transit Supportive Design Guidelines:</b> Dylan was the QA/QC lead and technical expert advisor for the recent update to AC Transit’s Multimodal Corridor Guidelines (covering the East Bay region of the San Francisco Bay Area). The main focus of the update entailed adding more in-depth guidance that addresses paratransit and ADA access, the interaction between bicycle facilities and transit infrastructure, and design features that promote transit service reliability and enhance user experience. This included leveraging his work with TransLink’s bus stop design guide to support refining a floating bus stop design typology and selection flow chart.			
10/18 - Ongoing	<b>MDOT Training Wheels:</b> Dylan has co-led full and half-day trainings on bicycle design for MDOT’s Training Wheels Program from 2022 to 2025. The high-quality workshops focus on content from the Federal Highway Administration (FHWA) Bikeway Selection Guide and the recently released American Association of State Highway Transportation Officials (AASHTO) Guide for the Development of Bicycle Facilities. Dylan has trained participants on the process from planning to implementation, including public engagement, federal funding, and design best practices. The training helped participants better understand existing infrastructure and fuel conversations for what has been done well, and how some of the designs could be improved upon for bicyclists.			
09/20 - 09/23	<b>Safety Evaluation of On-street Bicycle Facility Design Features (NCHRP 15-74):</b> Dylan was a technical advisor for the project and authored design guidance stemming from preliminary analysis findings highlighting the importance of mid-block conflicts at driveways. This guidance fills a significant federal gap in driveway design guidelines when separated bike lanes are present, which challenges conventional practice by building off a foundation of safe systems design principles and outcomes.			
05/25 - 10/25	<b>AASHTO Guide for the Development of Bicycle Facilities Training &amp; Workshop, Spokane, WA:</b> Dylan co-led a 4-hour, in-person bicycle facility design training for staff from the City of Spokane and neighboring communities, followed by a half-day design charrette using “real world” examples from on-going City projects. The training focused largely on the structure and content of the recently released AASHTO Guide for the Development of Bicycle Facilities (5th Edition), but also highlighted synergies with other relevant federal-level guidance and standards, such as MUTCD and PROWAG, as well as the recent NACTO Urban Bikeway Design Guide, 3rd Edition. The training covered topics such as separated bike lane and shared use path design, protected intersection design, neighborhood bikeway design principles, complex intersections and interchanges, and signal phasing strategies.			

01/24 - Ongoing	<p><b>Sacramento Street Design Standards Amendment, Sacramento, CA:</b> Dylan is the Strategic Advisor and QA/QC Lead for the City of Sacramento’s overhaul of the City’s street design standards, which form the basis of all capital and new development street design decisions in Sacramento. These standards are being updated to integrate best practices in the design of safe, Complete Streets, in response’ to the City’s recently adopted Vision Zero Action Plan. As Sacramento is the ‘city of trees, the effort also involves considerable attention to the urban tree canopy and its relationship to other street infrastructure. In addition to updating the City’s standards and standard details, this work includes collaborating with City staff on considerable engagement efforts, both internally with other departments and externally with partner organizations and the broader public.</p>
10/22 - 04/23	<p><b>BC Design Guide for Inclusive Island Platform Bus Stops, Province-wide BC:</b> Dylan was the Project Manager and technical expert who oversaw Toole Design’s role leading background research, stakeholder workshops, and organizing pilot studies with lived-experience stakeholders to develop design guidelines for island platform bus stops adjacent to protected bike lanes (i.e. “floating bus stops”) for TransLink and the Province of BC. The project focused on better addressing the needs of all road users, particularly those of people with vision disabilities.</p>
Career History	<p>Dylan is a Principal Engineer with extensive experience in both the private and public sectors, leading transportation and streetscape projects across North America and internationally. Dylan has led major multimodal design efforts involving challenging trade-offs between safety, mobility, and corridor constraints. His work regularly involves evaluating how roadway geometry, channelization, turning movements, and space allocation affect user behavior and safety, and developing designs that balance these considerations in constrained urban environments. He has also contributed to numerous research and engagement initiatives that advance innovative multimodal design practices, drawing on his hands-on corridor design experience to inform guidance and best practices.</p>



## 16. STAFF EXPERIENCE



### Firm employed by Toole Design Group, LLC

Name	<b>Jared Draper, AICP</b>		Years of experience with this firm/employer	10
Title	Principal Engineer		Years of experience with other firm(s)/employer(s)	6
Degree(s) / Years / Specialization			MS / 2011 / City and Regional Planning BA / 2008 / Spanish Language and Sociology	
Active registration number / state / expiration date			AICP 028634 / all	
Year registered	2015	Discipline	Planning	
Contract role(s) / brief description of responsibilities			Training & Review & Update Manuals, Practices, Processes	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/16 - 08/21	<b>FHWA Bikeway Selection Guide Training:</b> Jared used his experience with bikeway planning and design in varying contexts to facilitate all-day trainings on FHWA's Bikeway Selection Guide to transportation practitioners across the Southeast. Through the training, he highlighted the history of bikeway selection and guidance for the tools, strategies, and considerations for modern-day decision-making. Jared led participants through materials and exercises that evaluate tradeoffs when selecting bikeway types and strategic considerations to mitigate crashes between motorists and bicyclists while providing low-stress bikeways and bikeway networks.
07/20 - 01/21	<b>Memphis Medical District Collaborative Streetscape Lookbook, Memphis, TN:</b> Jared led a team of planners and designer for the creation of the Streetscape Lookbook for the Memphis Medical District Collaborative. The Streetscape Lookbook identified locations to enhance mobility, prioritize safety for people of all ages and abilities, and illustrate streetscapes that were comfortable and creative. As Project Manager, Jared collaborated with the design team and local stakeholders to envision transformations that established a sense of place and reinforced the identity of the Memphis Medical District. The resulting Streetscape Lookbook is a guide for investment and will be used as a resource for the Medical District and the City of Memphis for future mobility and streetscape projects.
11/19 - 11/19	<b>NW Arkansas NACTO Training, Bentonville, Rogers, Springdale, and Fayetteville, AR:</b> Jared served as a lead trainer for a three-day NACTO Training to 80 participants in Northwest Arkansas. Participants represented local governments, non-profits, businesses, and advocacy organizations from throughout the region. The training was focused on bikeway design and included an introductory session, deep dive design session, and an implementation-focused session. Jared facilitated module presentations to the large group along with a local bike ride and design workshop to show allow participants to experience and practice what was learned.
11/17 - 10/20	<b>Low Speed Zone Guide, Charlottesville, VA:</b> As part of an urban design team, Jared worked on developing 3D street models and graphics for the World Resource Institute's (WRI) Global Low Speed Zones Manual. The aim of the guide is to develop global low speed zone design best practices and countermeasures to be used for communities worldwide, especially in developing countries. Jared worked with a team to create graphic content to convey ideas proposed throughout the guide.
03/21 - 10/21	<b>FDOT Separated Bicycle Facility Guidance:</b> Jared is leading the development of a separated bicycle facility guidance report and corresponding workshops for the Florida Department of Transportation (FDOT). He is working closely with FDOT staff from a variety of Offices and Divisions to develop, discuss, and refine a report that will guide decision making and future updates for the FDOT Design Manual. Jared is leading a variety of workshops that are intended to highlight the value of separated bicycle facilities as a critical part of a safe and connected multimodal system.



08/19 - 07/21	<p><b>Bentonville Bikeway Designs, Bentonville AR:</b> Jared served as Project Manager for the design of four critical bicycle connections in Bentonville. These projects were first conceived as part of the regional NWA Bike Infrastructure Plan and generated instant support from Bentonville leadership. In extending and connecting the Razorback Regional Greenway throughout the city, these projects will have a variety of bikeway types, including concept design for shared-use paved trails, on-street protected bike lanes, and neighborhood greenways along with quick-build bikeway projects that are ready for implementation. Jared helped to direct public outreach, concept design, final design, cost estimating, and bid package preparation. His leadership resulted in two quick-build projects being implemented and connecting existing greenway trails to Downtown Bentonville and local schools.</p>
03/19 - 06/21	<p><b>Cary Townhome Streets Design Guidance, Cary, NC:</b> Jared served as the Project Manager as Toole Design partnered with the Town of Cary to reimagine the look and feel for townhome streets. In practice, existing townhome street standards for the Town of Cary did not provide robust landscaping or a comfortable walking environment for pedestrians. Jared collaborated with Town staff to evaluate the existing standards and establish priorities along the streets while balancing the desires of the development community. He led the project team to develop concept drawings to be vetted by the Town before creating photo simulations that illustrate how new townhome streets could look with updated street design guidance.</p>
07/15 - 05/16	<p><b>South Carolina SRTS Resource Center, North Charleston, SC:</b> Jared's project efforts for the South Carolina Safe Route to School Travel Plan for Pepperhill Elementary included analyzing and prioritizing conceptual improvement recommendations utilizing Safe Route to School (SRTS) engineering, education, encouragement, enforcement, and evaluation best practices. During the development of a school travel plan, Jared worked closely with the SRTS teams, which included local engineers and planners, school and jurisdiction representatives, and school outreach coordinators. He also participated in coordination meetings and site field work in the community to study, analyze, and prioritize site specific infrastructure recommendations.</p>
Career History	<p>Jared is a Principal Planner and Toole Design's Director of Operations for the Southern U.S. His background includes facilitating trainings for FHWA and other state, regional, and local agencies across the country on topics such as Complete Streets, bikeway selection, multimodal planning and design, transit operations and metrics, and pedestrian safety. He possesses the knowledge, experience, and communication skills necessary to convey detailed information in an understandable manner to audiences with a wide array of backgrounds and expertise. Jared has conducted workshops and trainings for groups of varying sizes; from small groups of municipal staff to larger audiences for regional- or state-level events. During trainings, he emphasizes participation and uses in-training feedback to refine communication style and content examples to increase effectiveness for all attendees. He incorporates real world experiences from his personal life and from projects that he has led to show examples of livable streets, safety countermeasures, quick-build solutions, and people-focused designs to help participants understand and visualize content. Recent quick build projects in Bentonville, AR and Athens, GA are great examples to highlight effective Complete Street design and community engagement. Jared's leadership of trainings has enabled a broad and deep understanding of planning and design topics for practitioners, local leaders, and advocates throughout the country.</p>



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 Neel-Schaffer.

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	<b>Retainer Contract for Safety Studies, Statewide (2012 – 2015)</b>
4400002630	Retainer Contract for Traffic Engineering (2012-2015)
4400004064	Retainer Contract for Traffic Engineering (2014 – 2017)
4400004402	<b>Retainer Contract for Safety Studies, Statewide (2014 – 2017)</b>
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	<b>Retainer Contract for Safety Studies, Statewide (2017 – 2022)</b>
4400013850	<b>IDIQ Contract for Design of Safety Projects, Districts 02, 61 &amp; 62 (2019 – 2024)</b>
4400015258	IDIQ Contract for Stage 0 Studies (2019 – 2024)
4400016364	IDIQ Contract for ITS Design and Implementation Services, Statewide (2020 - 2025)
4400023689	<b>IDIQ Contract for Safety Studies, Statewide (2022 – 2027)</b>
4400024927	IDIQ Contracts for Roadway Design Services (2023 – 2028)
4400025298	IDIQ Contracts for Traffic Engineering (2023 – 2028)
4400030714	IDIQ Contract for Stage 0 Studies (2025 - 2029)

## Section 17

Contract No. 4400034080

### IDIQ CONTRACT FOR VULNERABLE ROAD USER (VRU) TECHNICAL ASSISTANCE STATEWIDE



*Toole Design built a traffic garden pop-up outreach/workshop for City of Fresno's ATP.*

## 17. FIRM EXPERIENCE

Firm Name	<b>Neel-Schaffer, Inc.</b>		Past Performance Evaluation Disciplines(s)*	Planning
Project name	<b>Baton Rouge Safety Action Plan</b>		Firm responsibility (prime or sub?)	Prime
Project number	N/A		Owner's name	Capital Region Planning Commission
Project location	Baton Rouge Metropolitan Area		Owner's Project Manager	Sooraz Patro
Owner's address, phone, email	333 North 19th St., Baton Rouge, LA 70821, 225.383.5203, spatro@crpcla.org			
Services commenced by this firm (mm/yy)	08/23	Total consultant contract cost (\$1,000's)	\$223	
Services completed by this firm (mm/yy)	06/25	Cost of consultant services provided by this firm (\$1,000's)	\$191	

Neel-Schaffer prepared the Safe Streets and Roads for All (SS4A) Safety Action Plan for the Capital Region Planning Commission (CRPC) to eliminate serious injuries and fatalities across five parishes in South Louisiana: Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge. The plan established a comprehensive, data-driven strategy to improve roadway safety and support long-term community well-being.

From 2017–2021, there were 1,823 fatal and serious injury crashes, including 712 fatalities and 1,111 serious injuries in the region. Single-vehicle, right-angle, and rear-end crashes were the most common severe crash types, with nearly half involving single-vehicle events. Pedestrian (300) and bicycle (63) crashes were concentrated along major corridors—Florida Boulevard, Airline Highway, Siegen Lane, North Sherwood Forest Drive, and Scenic Highway—often under dark conditions.

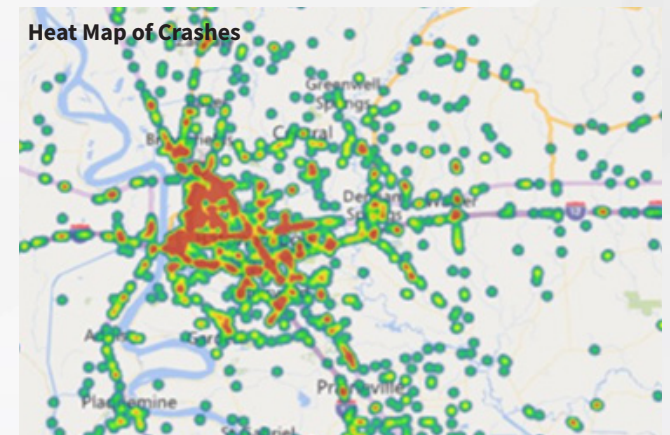
Neel-Schaffer developed a **High Injury Network (HIN)** for all users, including **vulnerable road users**, to identify roadway segments and intersections with the highest concentrations of severe crashes. Using federal criteria, the team also identified underserved communities in East Baton Rouge, West Baton Rouge, Iberville, and Ascension Parishes, with additional pockets near Denham Springs and Walker in Livingston Parish. These areas highlighted socioeconomic challenges and guided investment in safety improvements.

**Public engagement** played a central role in shaping the plan. CRPC conducted extensive outreach through an online survey, library-based events, stakeholder meetings, and public review of the draft plan. The survey received 470 responses, identifying top behavioral concerns—distracted driving, speeding, and red-light running—and infrastructure issues such as unsafe intersections, poor lighting, lack of pedestrian facilities, and system connectivity. Participants also pinpointed specific locations with safety challenges and suggested improvements.

A preliminary list of prioritized safety projects was developed using crash analysis, public input, local agency requests, and existing plans. Projects were ranked using a weighted methodology informed by engagement, and planning-level cost estimates were prepared for each.

Neel-Schaffer also created a **Countermeasure Selection Tool** integrating crash data, FHWA proven safety countermeasures, CMFs, and cost-benefit analysis. This tool streamlines project evaluation through guided filtering, automated crash reduction and cost savings calculations, and a structured workflow that supports collaboration, documentation, and informed decision-making.

**Firm members:** Vijay Kunada, Lance Decuir, Nicholas Broussard, Charles LeBoeuf



### Project Relevance:

- ✓ Comprehensive Safety Action Plan
- ✓ Vulnerable Road User HIN
- ✓ Data Collection
- ✓ Public Engagement
- ✓ Prioritized Safety Projects

## 17. FIRM EXPERIENCE

Firm Name	<b>Neel-Schaffer, Inc.</b>		Past Performance Evaluation Disciplines(s)*	Road, Planning, Traffic
Project name	<b>Johnston Street Complete Streets Study</b>		Firm responsibility (prime or sub?)	Prime
Project number	n/a		Owner's name	Lafayette Consolidated Government
Project location	Lafayette, LA		Owner's Project Manager	Warren Abadie, PE
Owner's address, phone, email	101 Jefferson Suite 202, Lafayette, LA 70502, 337.291.8548, wabadie@lafayettela.gov			
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost (\$1,000's)	\$146	
Services completed by this firm (mm/yy)	12/24	Cost of consultant services provided by this firm (\$1,000's)	\$146	

Neel-Schaffer completed a context-sensitive revitalization of the Johnston Street / LA Avenue corridor, transforming it into a more vibrant, active, and economically resilient corridor. The effort focused on enhancing multimodal connectivity, strengthening placemaking, and supporting sustainable redevelopment strategies tailored to the unique character of each corridor segment.

Leading a multidisciplinary team of subconsultants, Neel-Schaffer contributed specialized expertise in land use mix analysis (SF/DU by use), **segment- and node-based redevelopment concepts**, identity branding, leveraging and marketing strategies, and placemaking initiatives.

As demonstrated through this project, our team combined local knowledge with national best practices in **planning, traffic operations, urban design, and redevelopment strategy**. This integrated approach allowed us to deliver state-of-the-art corridor revitalization solutions that were both innovative and cost-efficient, while remaining grounded in community context and implementation feasibility.

We recognized that a single design concept was not appropriate for the entire corridor. As a result, our approach was tailored to the specific context and function of each segment and node.

Key components of our methodology included:

### Conducting **context-based corridor segmentation and node analysis**

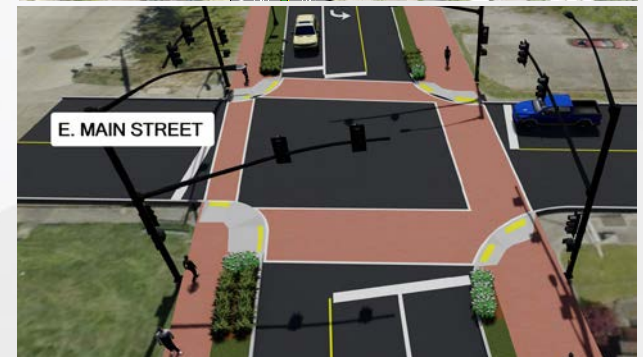
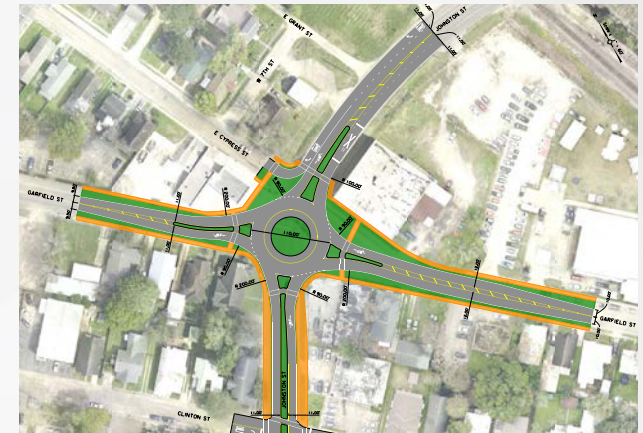
- Developing land use and development concepts both within and beyond the corridor
- Establishing distinct design themes reflective of surrounding land use and character
- Creating gateway treatments highlighting entrances into Lafayette
- Identifying opportunities for pocket parks and public realm enhancements

### Developing **streetscaping and Complete Streets** concepts with defined curb lines

- Enhancing multimodal connectivity linking adjacent neighborhoods to the corridor

This flexible, segment-based strategy resulted in revitalization recommendations that supported economic development, improved quality of life, and established a cohesive corridor identity while respecting the unique needs of individual areas.

**Firm members:** Vijay Kunada, Santosh Andem, Scott Andrepont



### Project Relevance:

- ✓ Context-based Corridor Analysis
- ✓ Streetscaping & Complete Streets Concepts
- ✓ Multimodal Connectivity

## 17. FIRM EXPERIENCE

Firm Name	<b>Neel-Schaffer, Inc.</b>		Past Performance Evaluation Disciplines(s)*	Road, Planning, Traffic
Project name	<b>IDIQ Contract for Design of Safety Projects (Districts 02, 61 &amp; 62)</b>		Firm responsibility (prime or sub?)	Prime
Project number	4400013850		Owner's name	LADOTD
Project location	Districts 02, 61 & 62		Owner's Project Manager	Mark J. Morvant, PE
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)	4/19	Total consultant contract cost (\$1,000's)	\$1,500	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,500	

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, **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 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.

**Firm members:** Nick Ferlito, Dishili Young, Chance Shuckrow, Mai Nguyen, Jacob Thiaville, Jonathan Duhe, Ellen Howard, William 'Case' Fulcher



### Project Relevance:

- ✓ This contract is an LRSP and SRTPP IDIQ,
- ✓ These projects were the first which included standardization of DOTD Plan delivery for LRSP and SRTPP.
- ✓ Included Feasibility Studies, Design Services and Construction Support
- ✓ Design of VRU facilities

## 17. FIRM EXPERIENCE

Firm Name	<b>Neel-Schaffer, Inc.</b>		Past Performance Evaluation Disciplines(s)*	Road, Planning, Traffic
Project name	<b>IDIQ for Stage 0 Studies – Statewide</b>		Firm responsibility (prime or sub?)	Prime
Project number	H.4400018271		Owner's name	LADOTD
Project location	Statewide		Owner's Project Manager	Dilton Anderson, PE
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; 225.379.1461; Dilton.Anderson@la.gov			
Services commenced by this firm (mm/yy)	05/19	Total consultant contract cost (\$1,000's)	\$2,500	
Services completed by this firm (mm/yy)	05/24	Cost of consultant services provided by this firm (\$1,000's)	\$2,500	

Neel-Schaffer, Inc. was selected for the IDIQ contract with DOTD to conduct Stage 0 **Feasibility Studies**. These Stage 0 Feasibility Studies include preparing the project purpose and need as well as completing the Stage 0 Preliminary Scope and Budget Checklist; and DOTD's Environmental Checklist. In addition, Neel-Schaffer provides all supplemental studies required to support the purpose and need; and checklist. These supplemental studies include **Traffic Studies, Safety Studies** using the Highway Safety Manual (HSM), as well as providing **geometric layouts** as required. In addition, preliminary **cost estimates** are provided that consider engineering, environmental, right of way acquisition, utility relocation and construction. Neel-Schaffer conducted public and stakeholder meetings.

### Neel-Schaffer has experience on the following Stage 0 Studies for the DOTD under this task order contract:

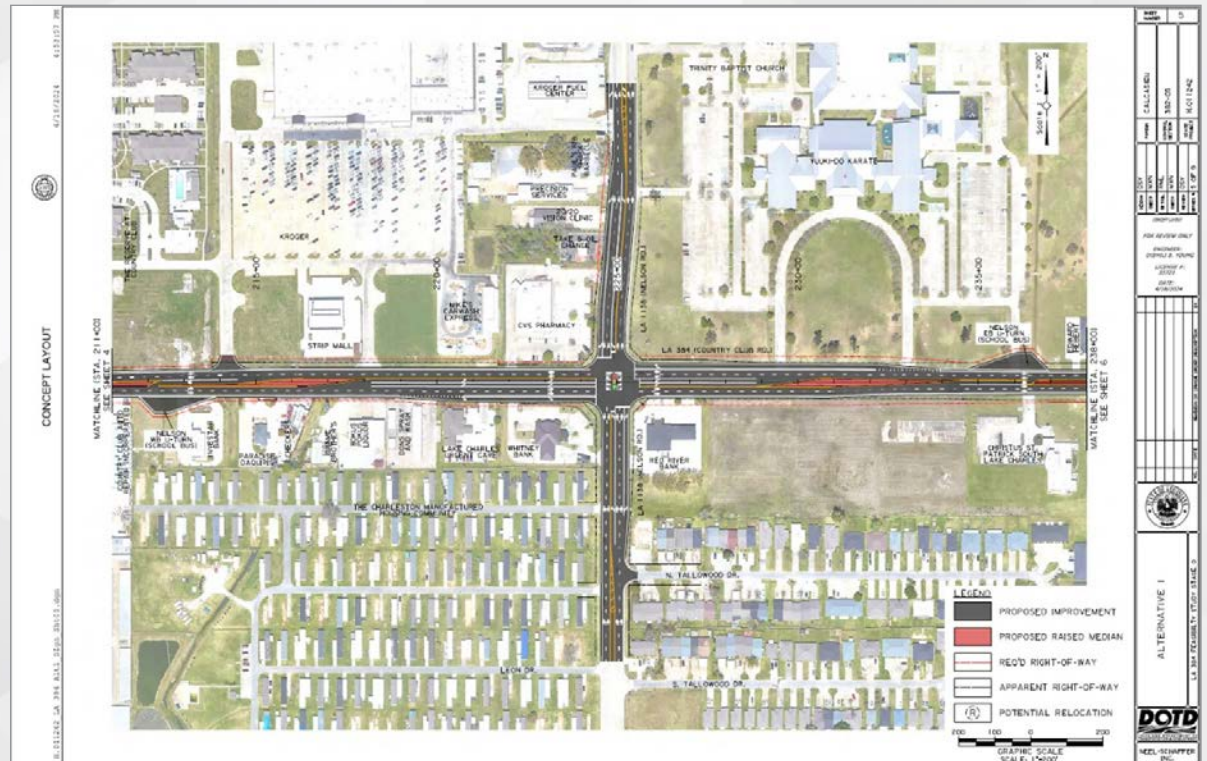
The task orders under this project are as follows:

- 1.) I-69 Frontage Road (Ellerbe Road to LA 1) (SPN. H.014054);
- 2.) I-69 Frontage Road (Stonewall Frierson) (SPN. H.014056);
- 3.) LA 10 Improvements in Bogalusa (Phase 3) (SPN. H.011280);
- 4.) Earhart Expressway Masterplan (SPN. H.014514);
- 5.) LA 384 (Big Lake Road to McNeese Street) (SPN. H.011242);
- 6.) LA 383 Corridor Study (SPN. 014746). See project profiles for more details.

**Firm members:** Dishili Young, Mai Nguyen, Chance Shuckrow, Nick Ferlito, Ellen Howard, Jonathan Duhe, Katie Odenthal, Santosh Andem, Charles LeBoeuf. Vectura Consulting Services, LLC was also a subconsultant on this contract.

### Project Relevance:

- ✓ Safety Analysis
- ✓ Plan Quality Assurance
- ✓ Includes Safety Improvements
- ✓ Feasibility Study
- ✓ Traffic Analysis / Modeling



## 17. FIRM EXPERIENCE

Firm Name	Neel-Schaffer, Inc.		Past Performance Evaluation Disciplines(s) *	Planning
Project name	US 167: I-10 to Willow Street Road Safety Assessment		Firm responsibility (prime or sub?)	Prime
Project number	4400010504, H014959.1		Owner's name	LADOTD
Project location	Lafayette Parish, LA		Owner's Project Manager	Trey Jesclard
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; 225.379.1445; trey.jesclard@la.gov			
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost (\$1,000's)	\$75	
Services completed by this firm (mm/yy)	06/22	Cost of consultant services provided by this firm (\$1,000's)	\$75	

Neel-Schaffer was contracted to conduct a Road Safety Assessment (RSA) along Evangeline Thruway and Service Roads from the 1-10 Interchange to Willow Street with an emphasis on **pedestrian and bicycle mobility** within the study area. The purpose of the RSA is to evaluate existing conditions and crashes, with an emphasis on pedestrian and bicycle crashes, to identify potential road safety issues and identify opportunities for feasible safety improvements.

The RSA included the following tasks:

**Data Collection:** Neel-Schaffer performed a site visit documenting existing roadway characteristics and conditions; **existing pedestrian and bicycle facilities and ADA compliance; pedestrian and bicycle observations within the study area**; document land use / people generators within the study area; and document socioeconomic information from the LSU/CARTS Study.

**Road Safety Assessment:** The RSA consisted of a pre-briefing meeting and an on-site field visit with the RSA team. After data collection was completed, Neel-Schaffer provided the RSA schedule to District personnel and DOTD Headquarters to ensure adequate advance notice of upcoming RSA. Neel-Schaffer distributed data to include collision diagrams, photo logs, etc. to the team members prior to the pre-briefing meeting.

**Identify Alternatives / Countermeasures:** Based on **countermeasures/alternatives recommended** from the RSA onsite visit, Neel-Schaffer evaluated each countermeasure/alternative base on applicable crash modification factors; consistent with DOTD Design Guidelines, Manuals & MUTCD; high-level cost estimates; and safety benefit when available or based on engineering judgment (i.e. correctable crashes). After the countermeasures/alternatives have been evaluated, the recommended countermeasures/alternatives shall be coordinated with the RSA team and the team shall reach a consensus regarding the recommended countermeasures/alternatives.

**Preparation of RSA Report:** The report included a summary of existing conditions; **summary of crash data**; summary of RSA onsite visits; **approved countermeasure recommendations/alternatives; safety-benefits/CMFs**; high-level cost-estimates; planning level benefit-cost; schematics/conceptual layouts; high-level feasibility; recommended next-steps/potential barriers; priority and needs list for Phase 2; meeting minutes in appendices.

**Firm Members:** Nick Ferlito, Peter Allain, and William 'Case' Fulcher.



### Project Relevance:

- ✓ Data Collection
- ✓ Includes Safety Improvements
- ✓ Bike/Ped
- ✓ Countermeasure Development

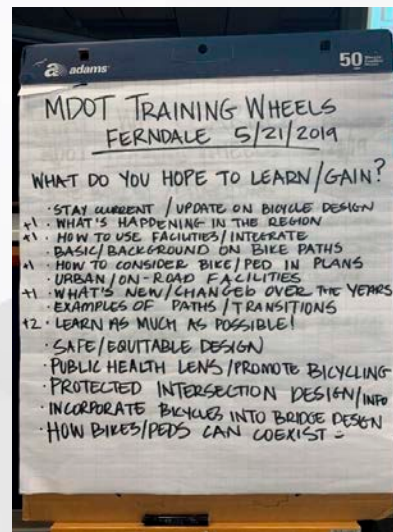
## 17. FIRM EXPERIENCE

Firm Name	<b>Toole Design Group, LLC</b>		Past Performance Evaluation Category(ies)*	Planning
Project name	<b>MDOT Training Wheels</b>		Firm responsibility (prime or sub?)	Prime
Project number	n/a		Owner's name	Michigan Department of Transportation
Project location	Statewide MI		Owner's Project Manager	Cynthia Krupp
Owner's address, phone, email	425 W. Ottawa Street, PO Box 30050, Lansing, MI 48909, 517.335.2923, kruppc@michigan.gov			
Services commenced by this firm (mm/yy)	10/18	Total consultant contract cost (\$1,000's)	\$257	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$257	

Toole Design has led over **15 trainings for MDOT's Training Wheels Program** and is currently leading the 2024-2025 training series. The high-quality workshop focuses on content from the FHWA Bikeway Selection Guide and the forthcoming edition of the **AASHTO Guide for the Development of Bicycle Facilities**. The trainings help participants better understand existing infrastructure and fuel conversations for what has been done well, and how some of the designs could be improved upon for bicyclists.

Toole Design has provided both traditional **in-person formats and online interactive sessions with virtual rides**. In 2022, the training was adapted to offer a **rural bikeway specific workshop**.

**Firm Members:** Jeremy Chrzan



## 17. FIRM EXPERIENCE

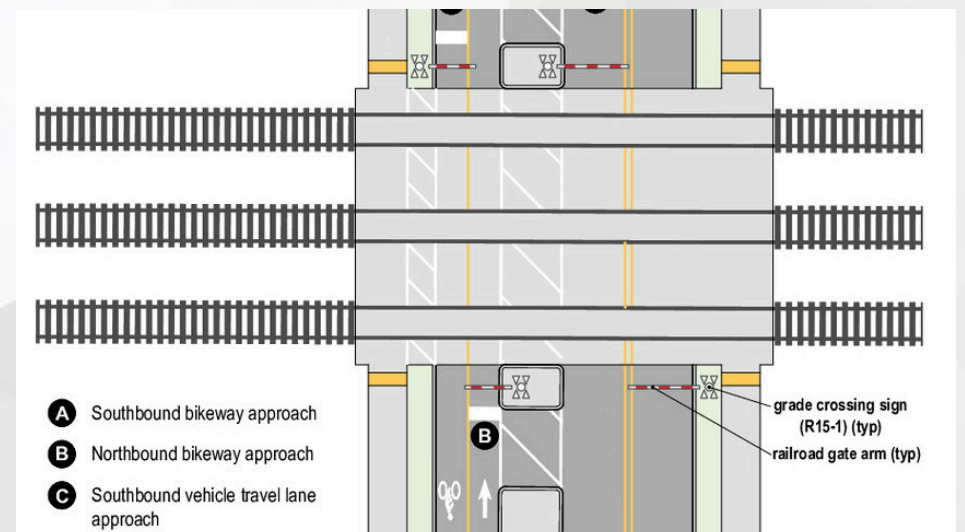
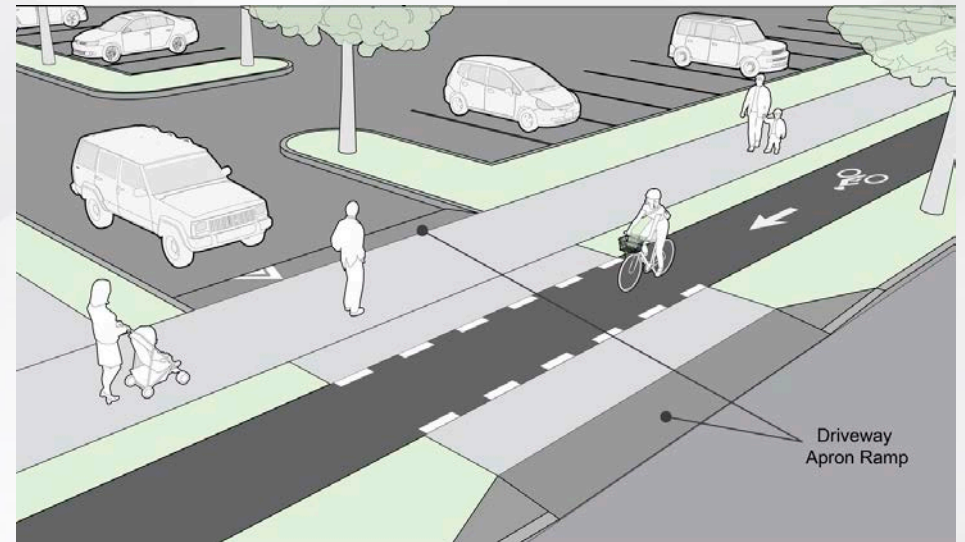
Firm Name	<b>Toole Design Group, LLC</b>		Past Performance Evaluation Category(ies)*	Planning
Project name	<b>Ohio DOT Multimodal Design Guide</b>		Firm responsibility (prime or sub?)	Prime
Project number	n/a		Owner's name	Ohio Department of Transportation
Project location	Statewide OH		Owner's Project Manager	Cait Harley
Owner's address, phone, email	1980 W. Broad Street, Columbus, Ohio 43223, 614.466.3049, caitlin.harley@dot.ohio.gov			
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost (\$1,000's)	\$665	
Services completed by this firm (mm/yy)	03/22	Cost of consultant services provided by this firm (\$1,000's)	\$665	

Building on previous efforts to identify best practices in multimodal design, Toole Design led the development of ODOT's first statewide multimodal design guide. ODOT's goal for the guide was to **standardize best practices for walking and bicycling facilities** to address Ohio's mission of providing a safe transportation system for all modes. To do so, it was essential to evaluate the safety of a roadway as a whole. Throughout the project, Toole Design worked with multiple ODOT departments to coordinate and revise existing design guidance to align with the Multimodal Design Guide so that all aspects of transportation design support ODOT's vision of a safe multimodal transportation system.

Toole Design led discussions with ODOT staff from around the state to understand local design context and existing challenges to ensure that the final guide would support rural and urban communities' active transportation planning and design. Stakeholders represented local, county, and state agencies as well as transit authorities and the Ohio Railroad Development Commission. During the **guide development**, stakeholders raised concerns regarding the roadway operations defined by the Ohio Revised Code related to bicycle and pedestrian interactions with motorists. Toole Design reviewed state law and worked with ODOT legal to provide guidance aligned with state law and reinforce safe, legal operations through design. The Ohio Attorney General reviewed and approved the final design guidance developed to address stakeholders' concerns.

The final guide covers **pedestrian and bicycle facility design**, intersection and midblock crossings, signal operations, railroad crossings, transit station design, complex intersections, and facility maintenance. To communicate the new design standards, Toole Design developed graphics and standard drawings to illustrate how the treatments can be implemented in various street contexts. Additionally, for communities where active transportation plans have not yet been developed, the guide provides **planning level guidance to evaluate pedestrian and bicycle accommodations in all upcoming projects ensuring network gaps are addressed at each opportunity**. Together the planning and design guidance of ODOT's new statewide Multimodal Design Guide further its goal of increasing walking and biking and improving the safety of all transportation modes.

**Firm Members:** Jeremy Chrzan



## 17. FIRM EXPERIENCE

Firm Name	<b>Toole Design Group, LLC</b>		Past Performance Evaluation Category(ies)*	Planning
Project name	<b>AASHTO Guide for the Development of Bicycle Facilities</b>		Firm responsibility (prime or sub?)	Prime
Project number	n/a		Owner's name	AASHTO Bike Guide NCHRP Panel Chair
Project location	Across US		Owner's Project Manager	Charlotte Claybrooke
Owner's address, phone, email	310 Maple Park Avenue SE, Olympia, WA 98504, 360.705.7302, claybrc@wsdot.wa.gov			
Services commenced by this firm (mm/yy)	05/15	Total consultant contract cost (\$1,000's)	\$400	
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm (\$1,000's)	\$400	

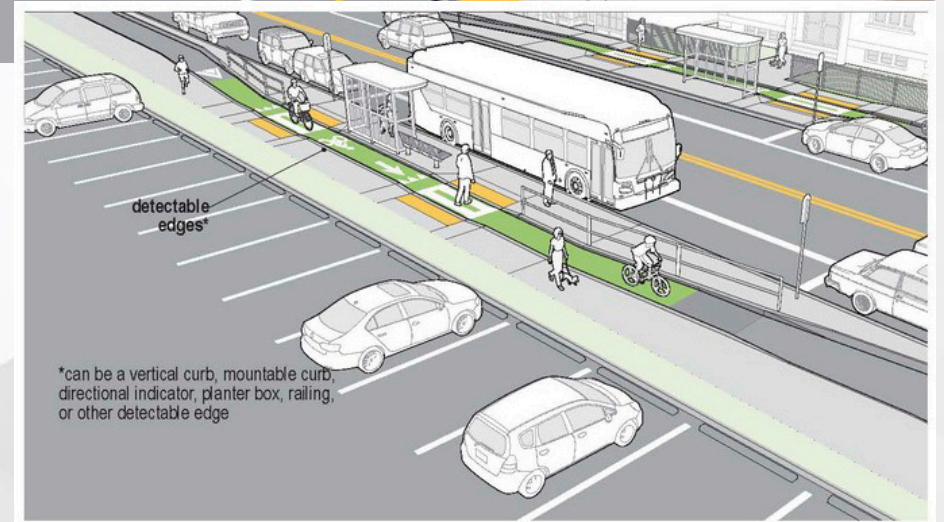
The **2024 AASHTO Guide for the Development of Bicycle Facilities** provides up-to-date information on accommodating bicycle travel in most riding environments. It presents sound guidelines for facilities that meet the needs of bicyclists and other highway users. Sufficient flexibility is permitted to encourage designs that are sensitive to local context and that incorporate the needs of bicyclists, pedestrians, and motorists. This project has included consultation with transportation professionals throughout the United States to ensure the Guide reflects current and accepted planning and design practices, and a comprehensive review of bicycle-related research that has been done in the past decade.

Although the Guide focuses on **designing for bicyclists**, specific recommendations are provided to address **accessibility issues for pedestrians**. Some examples include the design of **pedestrian crossings at separated bike lanes** and the option to use **tactile directional indicators linearly along sidewalks** to direct pedestrians from entering bicycle facilities.

Toole Design has managed a team of leading subject matter experts throughout the project. During the research phase, Toole Design conducted a thorough literature review, a guide user survey, an AASHTO committee member survey, and stakeholder interviews to evaluate the appropriate changes and updates to the Guide. The team completed three rounds of drafts and revisions and ushered the final draft through the AASHTO balloting process.

The full update was published December 2024 and includes several new chapters that address new facility types and provides detailed information on topics such as **separated bike lanes, traffic signals, operations, and rural roadways**. The new chapters also include significant amounts of updated content, graphics, and illustrations to convey updated design concepts.

**Firm Members:** Jeremy Chrzan, Trung Vo



## 17. FIRM EXPERIENCE

Firm Name	<b>Vectura Consulting Services, LLC</b>		Past Performance Evaluation Disciplines(s)*	Traffic
Project name	<b>Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study</b>		Firm responsibility (prime or sub?)	Sub
Project number	H.972462.1		Owner's name	New Orleans Regional Planning Commission
Project location	Slidell, LA		Owner's Project Manager	Nelson Hollings
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org			
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost (\$1,000's)	\$65	
Services completed by this firm (mm/yy)	07/24	Cost of consultant services provided by this firm (\$1,000's)	\$30	

Vectura prepared a formal traffic study to determine the feasibility of **constructing a sidewalk** along US 190 in Slidell, LA. The traffic study examined concepts that improved the **safety and efficiency for bicyclists and pedestrians** consistent with the latest **DOTD policies related to access management and Complete Streets**.

### Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

### Task 2 Traffic Study

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

### Task 3 Safety Analyses

- Developed three-year crash analyses report as per DOTD standards

**Personnel Utilized** on this project: **Kristen Farrington, Brin Ferlito** and **Laurence Lambert**



## 17. FIRM EXPERIENCE

Firm Name	<b>Vectura Consulting Services, LLC</b>		Past Performance Evaluation Disciplines(s)*	Traffic
Project name	<b>US 11 (Front St) at US 190 Bus. (Fremaux Ave.) Traffic Study</b>		Firm responsibility (prime or sub?)	Sub
Project number	N/A		Owner's name	City of Slidell
Project location	Slidell, LA		Owner's Project Manager	Eric Lundin
Owner's address, phone, email	250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org			
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost (\$1,000's)	Unknown	
Services completed by this firm (mm/yy)	11/17	Cost of consultant services provided by this firm (\$1,000's)	\$ 39	

Vectura was hired as a subconsultant to the prime consultant to perform a traffic study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). The goal of the study was to **determine if a pedestrian crossing and pedestrian traffic signal heads were warranted**. To conduct the pedestrian study, the following tasks were performed by Vectura:

### Data Collection

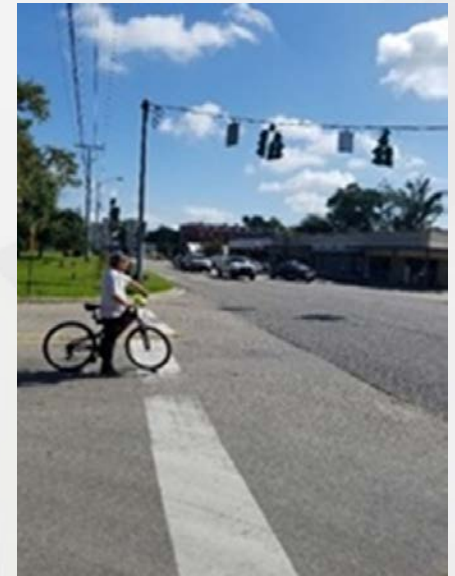
- AM and PM peak hour turning movement counts for five intersections
- AM / PM peak 15-minute turning movement counts for 10 driveways on Fremaux Ave.
- 24-hour traffic approach volumes, speed data, crash history and sight distance for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).
- **Weekday and weekend pedestrian counts** for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).

### Draft Traffic Study

This task included a **Crosswalk Traffic Study** for US 190 Bus. (Fremaux Ave.) @ US 11 (Front St.) as Per DTOE, Traffic Engineering Manual (TEM) Section 3B.2.9, Section 20.2 & EDSM VI.3.1.6 Section 6. This task included the following elements:

- Developed three-year crash analyses
- Performed **pedestrian crosswalk warrants** as per TEM Section 3B.2.9
- Performed Vistro and HCS analyses for AM and PM Peak existing conditions, Implementation and design year conditions. The analyses included intersection and segment levels of service as well as signal timing and progression for the five intersections.
- Developed traffic study and electronic files. The Study documented how traffic will be routed with the proposed median on Fremaux Ave., the impacts to Front St., and **conflict analysis for the crosswalks and pedestrian heads**.

**Personnel Utilized** on this project: **Brin Ferlito, Laurence Lambert**



## 17. FIRM EXPERIENCE

Firm Name	<b>Vectura Consulting Services, LLC</b>		Past Performance Evaluation Disciplines(s)*	Traffic
Project name	<b>Downtown to Scotlandville Parkway Trail Safety Enhancements</b>		Firm responsibility (prime or sub?)	Sub
Project number	H.013267		Owner's name	Recreation and Park Commission for the Parish of East Baton Rouge (BREC)
Project location	Baton Rouge, LA		Owner's Project Manager	Whitney Hoffman Sayal
Owner's address, phone, email	6201 Florida Boulevard, Baton Rouge, LA 70806; (225) 272-9200			
Services commenced by this firm (mm/yy)	06/21	Total consultant contract cost (\$1,000's)	Unknown	
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)	\$148	

The Downtown to Scotlandville Parkway Trail Safety Enhancement Project was developed to **improve pedestrian safety at multiple trail crossings** in East Baton Rouge Parish through a two stage effort that combined feasibility analysis and engineering design, followed by construction support. Vectura Consulting Services, working in coordination with the City Parish Traffic Engineering Division, DOTD District 61, and BREC, first completed a **feasibility study for six candidate crossings**. This study compiled existing surveys, proposed crosswalk layouts, historic traffic and three year crash records, as built drawings, and GIS data; it also included field visits to document **sidewalks and ramps**, sight distances and obstructions, adjacent driveways, drainage structures, and street characteristics. Traffic data collection comprised 24 hour tube counts at specified locations, AM/PM peak turning movement counts at two priority intersections, and speed studies at six sites. Using these inputs, Vectura developed crash diagrams and performed safety and operational analyses under "No Build" and "Build" conditions, evaluated **alternatives such as RRFBs and Pedestrian Hybrid Beacons (PHB)**, and recommended location specific improvements based on queues, delay, operational issues, and safety performance.

Building on the selected alternatives, the team prepared engineering design documents for four PHB installations at priority trail crossings, delivering a 60% preliminary and 95% near final submittal that included title sheets, equipment layouts by intersection, **ADA compliant ramp and sidewalk layouts**, phasing/timing/detection/wiring diagrams, and itemized quantity estimates, culminating in sealed final plans, specifications, and cost estimates. All designs conformed to MUTCD guidance and City Parish/DOTD standards, provided audible pedestrian signals with appropriate detection, and addressed necessary sidewalk additions and potential right of way needs; fiber installation was not anticipated. Vectura also prepared a preliminary construction cost estimate encompassing signal equipment, ADA elements, sidewalk work, and potential ROW acquisition, and furnished electronic design files to the agencies upon request. During construction, Vectura supported implementation by attending up to ten monthly progress meetings, responding to contractor RFIs, assisting with shop drawings, troubleshooting equipment, and resolving field conflicts. Surveying with ROW, utility mapping, trail construction plans (including striping), permits, RRFB installations not included in the PHB scope, ROW mapping, construction administration, and CE&I services were provided under separate contracts. This coordinated scope delivered consistent, standards compliant pedestrian safety upgrades that improved trail crossings while streamlining decision making, design, and delivery across the corridor.

**Personnel Utilized** on this project: **Kristen Farrington, Brin Ferlito** and **Laurence Lambert**

## KEY DIFFERENTIATORS

### 1 Comprehensive Approach with National Thought Leaders

NS has partnered with Toole Design Group to combine local institutional knowledge with national expertise. Toole authored the **2024 AASHTO Guide for the Development of Bicycle Facilities** and has provided training to four state DOTs, providing direct, relevant context and content for this contract.


### 2 Deep Practical and Institutional Knowledge


Since 2004, Neel-Schaffer has held 19 DOTD retainer/IDIQ contracts, including Stage 0s, Safety Projects, Road Design, Traffic Engineering. Team members have been members of committees to update design guidelines and the road design manual.


### 3 Louisiana Based Planning Excellence


Neel-Schaffer has led transformative safety planning efforts across Louisiana and the Southeast, having developed 18 Safety Action plans that address Vulnerable Road User issues and developed the **Countermeasure Evaluation Tool (CET)** for DOTD's Highway Safety Section.

PM Ellen Soll has led the following award-winning active transportation/safety projects in Louisiana:

 **Path to Zero: SS4A Safety Action Plan for St. John the Baptist, Tangipahoa, and St. Tammany Parishes**  
2025 LA APA Awards

 **NLCOG's Regional Active Transportation Plan**  
2025 LA APA Awards

 **Louisiana's Statewide Bicycle and Pedestrian Plan & Complete Streets Policy Workgroup**  
2009 LA APA Awards

 **SCPDC's Bicycle and Pedestrian Safety Plan**  
2024 National Association of Development Organization



SCDOT  
Transportation  
Alternatives



CEI, Okaloosa Island  
Bridge-to-Bridge  
Multiuse Path



Broad and Lafitte  
Streetscape,  
New Orleans



St. Martinville  
Pedestrian  
Improvements

## Section 18

Contract No. 4400034080

## IDIQ CONTRACT FOR VULNERABLE ROAD USER (VRU) TECHNICAL ASSISTANCE STATEWIDE

Photos show VRU-focused projects designed by Neel-Schaffer

## 18. APPROACH & METHODOLOGY:

### PROJECT MANAGEMENT

The NS team will develop a Project Management Plan for each task order assigned under this contract. For each task order issued, NS will develop an individualized detailed scope of work and PMP that will serve as a framework for successful project delivery, including the components described in detail below.

**Team Organization Plan:** NS will provide the key NS, VCS, and TDG personnel assigned to each task order and their responsibilities, i.e., Project Manager, Safety Analysis, Traffic Analysis, Concept Development, Stage 0 Checklists, Data Collection, etc.

**Schedule and Progress Reporting:** NS will develop a work breakdown structure schedule in Microsoft Project and maintain an updated schedule throughout. Monthly progress reports will include a chart indicating the percentage of time elapsed and percent of work completed and a discussion of the previous month's progress on the project, problems that have been encountered, unresolved issues and the anticipated work effort for the next reporting period.

**Communication and Coordination Plan:** Ellen Soll will serve as the NS Project Manager and will take the lead role in ensuring effective communications on this project. NS will provide a form that will identify the points of contact for NS and DOTD for each assigned task order. This form will identify organization, contact name, project role, phone number and email. NS will conduct kick-off and follow up meetings throughout the project and each task order with DOTD staff as appropriate. NS will provide meeting notes for all the attendees within two days.

**Documentation and Files:** NS will deliver electronic files including meeting minutes, data collection reports/technical memos, design plans, reports and presentations, online dashboards, Excel tools

**Quality Control and Quality Procedures:** NS will apply its internal Quality Assurance Program and perform internal reviews by qualified professionals to ensure that the work products and services provided adhere to professional standards and DOTD requirements.

### TASK I: NETWORK SCREENING

NS will provide technical assistance for Louisiana's non motorized network screening and VRU Safety Assessment using an HSM2 aligned process that is already standard in our DOTD Safety work, combined with our extensive Safety Action Planning and Active Transportation Planning disciplines. We will consider the various online decision support tools that have been developed over the past decade that support Vulnerable Road User Planning in Louisiana (the Bicycle Planning Tool Dashboard, Active Transportation Planning for Louisiana (v2) dashboard, and the Safer Streets Priority Index Finder, etc). We will work with DOTD to discuss methodologies successfully deployed by the NS team before. After receiving approval, we will move forward with an approach that will start by reviewing and refining the screening methodology, leveraging our NS High Injury Network workflow to ensure a defensible, GIS driven approach. We will validate screening results to ensure that segments and intersections with the highest concentrations of fatal and serious injury VRU crashes are being prioritized, and validate data by applying the LADOTD CatScan/Louisiana Crash Tool, using the roadway inventory, 5 year crash histories, and develop exposure estimates using model data or big data inputs. Data will be cleaned and we will provide for a documented QA/QC Process—using CatScan's embedded QA subset review and NS's manual fatal/severe checks—to correct coding errors, ensure reliability, and improve data quality for others that follow. Finally, we will apply HSM2 best practices (SPFs and CMFs) via the NS Countermeasure Evaluation Tool (CET) to quantify safety impacts and document HSIP ready recommendations. To support DOTD practice evolution, we will package screening steps, QA protocols, and decision rubrics into succinct documentation.

### TASK II: STAGE 0 FEASIBILITY STUDIES AND PROJECT DEVELOPMENT and TASK V. CONDUCT LIMITED ENGINEERING STUDIES

The NS team will leverage our extensive experience with DOTD Stage 0 Feasibility to both perform Stage 0 Studies for projects with VRU considerations under this contract as well as contribute to project identification (individual projects and bundles) in support of the overall project development process. NS has performed over 40 Stage 0 Studies since 2015 and has held multiple Stage 0 retainer contracts. This experience, combined with our leadership in safety planning and metropolitan transportation planning positions us well to identify feasible projects and bundles that will be impactful at improving conditions for people walking and cycling. Key elements of our Stage 0 Feasibility Studies Approach include:

#### a. Location Identification and Project Bundling:

NS will use safety network screening, VRU Safety Assessments, and local input to identify high-priority locations and develop project bundles at the Parish or District level. Tools such as the Louisiana CRASH Tool and GIS mapping will support accurate location identification of projects. NS will also leverage our Transportation Planning Group's experience conducting Metropolitan Transportation Plans (MTPs) - including the development of staged improvement plans -and SS4A Safety Action Plans (SAPs) for multiple Louisiana MPOs. This depth of experience ensures that NS can identify projects to progress into the project development process with the greatest potential to improve VRU safety while avoiding potential show-stopping issues.

#### b. Countermeasure Development & Safety Benefit Quantification:

NS brings unique value through our Countermeasure Evaluation Tool (CET), developed for DOTD's Highway Safety Section, which compares multiple CMFs for informed decision making. Our team routinely attends the annual DOTD Highway Safety Summit and has presented on pedestrian safety improvements and the CET in recent years. Additional resources we will use to identify countermeasures and quantify safety benefits include: the Highway Safety Manual (HSM2), Crash Modification Factors (CMFs) and the FHWA Countermeasure selection guide. Cost estimates will be prepared using DOTD's weighted unit cost data and bid history tools. For projects requiring benefit-cost analyses, we will use USDOT's Benefit-Cost Analysis Guidance for Discretionary Grant Programs format.

#### c. Documentation & Conceptual Layouts:

NS will provide conceptual layouts and alternatives matrices for reasonable alternatives using aerial photography and DOTD's design standards. All design work will conform with the latest requirements of the DOTD Roadway Design Procedures and Details, the DOTD 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. CAP-X and SPIEC tools will be used to evaluate the alternatives at a high level. More detailed traffic analysis will be performed as needed using HCS/Sidra/Synchro.

#### d. Conducting Public & Stakeholder Outreach:

We will lead targeted outreach to MPOs, local governments and other interested parties using proven engagement strategies, serving as the main point of contact with roadway owners and local stakeholders. The NS team has a strong history of public engagement and will develop an appropriate approach depending on the assignment. Our public engagement specialists are well versed in in-person events (intercept events, open house public meetings, formal public hearings) and online engagement (interactive web sites, virtual meetings, email newsletters) and can design and execute a public engagement process designed to reach targeted audiences with meaningful opportunities to engage.

## 18. APPROACH & METHODOLOGY:

### e. Field Reviews and Road Safety Assessments:

Road Safety Assessments (RSAs) will be adapted to incorporate principles from Walking Audits, Complete Streets principles and ADA compliance.

In addition to Stage 0 Studies, NS has a proven track record of successfully conducting a variety of limited engineering studies for DOTD and other partners. Our team participates routinely in Road Safety Assessments (RSAs) to identify site-specific safety issues, including VRU issues, Traffic Engineering Studies to evaluate performance (Safety Effectiveness Evaluations) after implementation to measure reductions in crash frequency and severity. Previous safety projects have included developing Districtwide Safety Investment Plans, Stage 0s for high potential for safety improvement (HPSI) corridors, traffic engineering studies ranging from pedestrian crossing studies to complex corridor studies; design of safety projects ranging from corridor signing/stripping projects to implementation of flashing yellow arrows; and conducting roadway safety assessments.

Our NS staff and team have demonstrated success using the Highway Safety Manual (HSM) as well as the Crash Modification (CMF) Clearing House website for evaluating potential safety countermeasures. The NS staff have been trained and have experience using the Louisiana Crash Tool. NS staff are efficient at using the Louisiana Crash Tool and has attended DOTD's training on the tool for both crash access and crash analysis.

#### TASK III. TECHNICAL PLAN REVIEWS

NS's approach to reviewing plans for new and existing projects with bicycle, pedestrian and/or transit-related design components to ensure projects comply with national, state and local standards and best practices is grounded in our deep expertise in traffic and road design. We will review plans for compliance with AASHTO Policy on Geometric Design of Highways and Streets, MUTCD, DOTD's Roadway Design Manual, and Complete Streets guidelines. We will identify opportunities for improvement and provide clear, actionable feedback when deficiencies are identified. Redlines and alternative sketches will be provided that balance incorporating best practices with minimization of right-of-way impacts and constructability.

#### TASK IV. DEVELOPMENT AND DELIVERY OF TRAINING

Toole Design will lead the development and implementation of a VRU training program designed to help DOTD staff understand, apply, and consistently implement updated guidance and best practices. This approach builds directly on training programs developed for MichiganDOT, OhioDOT, MnDOT, CDOT, and national audiences which emphasizes custom curriculum development, applied learning, and integration with LADOTD's manuals and procedures.

Training development will begin with coordination meetings to confirm target audiences, priority topics, and preferred delivery formats. Training will be structured in tiered modules that can be delivered individually or as a sequence. Introductory modules will focus on understanding the structure and intent of updated guidance, while advanced modules will emphasize practical application, design decision-making, and problem-solving. The training sequence shown in the schedule assumes that the more advanced modules will occur after the design manuals selected for revision under this contract are substantially complete.

Toole Design's training methodology emphasizes adult learning principles, including interactive discussions, design exercises, and opportunities for participants to apply concepts to real-world scenarios. Where feasible, trainings will incorporate examples that illustrate how VRU considerations intersect with

speed management, accessibility requirements, and constrained right-of-way conditions.

Introductory modules are best delivered virtually or as a recording, while advanced modules can be delivered in-person, virtually, or in hybrid formats. Materials will be designed for reuse and future adaptation by LADOTD. Following each training, Toole Design can provide summary documentation and limited follow-up technical support to reinforce implementation and answer application-specific questions.

This approach ensures that training supports not only knowledge transfer, but lasting changes in practice, helping LADOTD staff confidently apply updated guidance across planning, design, and project development activities.

Relevant Training Program Experience: Ohio DOT Multimodal Design Guide Training (101- and 201-level), MnDOT Pedestrian & Bicycle Facility Design Trainings (multi-year statewide program), CDOT Bicycle and Pedestrian Facility Design Trainings, Michigan DOT Training Wheels Program (101- and 201-level), AASHTO Bicycle Guide national training curriculum, PROWAG and accessibility training for DOTs and local agencies.

#### TASK VI. COMPLETE STREETS STEERING GROUP COORDINATION

NS will support the internal DOTD Complete Streets Steering Group (CSSG) by facilitating strategic planning sessions to update the action plan, assign responsible leads, and update timelines for implementation.

We will assist the CSSG with updating the existing action plan and strategy development; bringing it up to reflect current progress, preparing documentation that uses visual communication tools to streamline the internal to external communication needs and work closely with the CSSG to articulate achievable outcomes to meet annual reporting requirements. We will incorporate best practices and recommendations from the recent LTRC evaluation report. The updated action plan will directly influence Task VII: Review of Existing Practice as it relates to Complete Streets, as the previously developed plans and LTRC report have historically addressed these topic areas.

Leveraging our robust MPO planning practice's performance-based planning expertise, we will review and refine existing and proposed performance targets, making sure they are actionable, benchmarked, and aligned with DOTD's Complete Streets goals. We will work with DOTD to identify tools to support automation of reporting, such as a public-facing dashboard that would offer transparency and alignment with staff capacity.

The NS team has a proven track record of convening technical groups and steering committees, using proven facilitation techniques and structured agendas to support productive, outcome-driven meetings. In addition to the dozens of steering committees, technical advisory teams, and stakeholder meetings we facilitate as part of each of our planning processes.

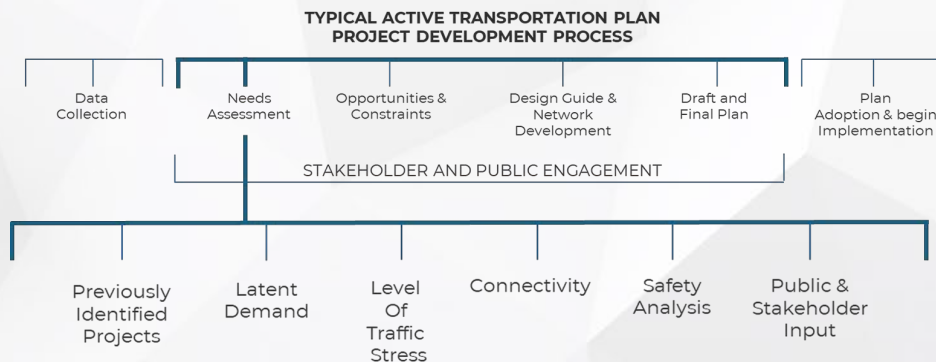
#### TASKS VII, VIII, AND IX: REVIEW, UPDATE AND IDENTIFY BARRIERS TO EXISTING PRACTICES AND DOCUMENTS FOR COMPATIBILITY WITH COMPLETE STREETS

NS will work with DOTD to review and update processes and practices for compatibility with Complete Streets objectives, while Toole Design will support DOTD in updating Complete Streets and VRU-related manuals and guidance through an implementation-focused process modeled on our successful work for ODOT, MnDOT, WisDOT, AASHTO, and other state DOTs. The goal of this approach is to align LADOTD guidance with current national best practices while ensuring the resulting documents are practical, defensible, and readily usable within LADOTD's project development and design processes.

The manual update process will begin with a review of existing DOTD guidance, including applicable design manuals, standard plans, and internal policies, to identify gaps, inconsistencies, and areas where existing guidance does not fully address pedestrian, bicycle, or accessibility needs. This review will be informed by current national resources such as AASHTO bicycle and pedestrian guides, PROWAG, MUTCD,



## 18. APPROACH & METHODOLOGY:



Updating Louisiana's Bicycle and Pedestrian Plan will include the following:

- **Integrate Emerging Trends** such as e-bike regulation and micro-mobility and alignment with local and regional active transportation plans that have been developed since 2009.
- **Strengthen Network Connectivity** by establishing actionable recommendations and prioritized project lists.
- **Align with Current Policies and Funding Opportunities** to reflect changes and opportunities since 2009.
- **Streamline and Integrate Design Standards** in tandem with Design Manual updates.
- **Enhance Public Accessibility** by transforming the plan into a visually engaging public facing resource.

To achieve these goals, our process will include:

- Developing a **needs assessment and opportunities and constraints evaluation** that incorporates:
  - Projects Identified in local plans, through the Local Road Safety Program, Metropolitan Transportation Plans (MTPs), Safety Action Plans (SAPs) and Safe Streets to Public Places applications
  - Research outputs such as the Safe Streets Priority Index Finder and Active Transportation Planning for Louisiana (v2) dashboard
  - An updated needs assessment methodology that combines latent demand model, bicycle level of stress, crash and systemic analysis. Use of Travel Demand Model and big data to understand user behavior, fill data gaps, and assess benefits of investment, such as the potential for mode shift.
- Planning and executing a **robust public engagement process** in multiple phases. Working with DOTDs Public Information office, we will develop distinctive project branding and a marketing plan that uses traditional and digital channels to ensure broad participation across Louisiana. Engagement will occur in two distinct phases: "Input and Insights" and "Feedback and Refinement." During the first phase, we will focus on raising awareness and gathering input, and during the second phase we will focus on getting feedback on the plan. Throughout both phases, we will use a variety of engagement strategies to engage hard to reach populations, the general public, and local and regional stakeholders and decision-makers.

- Creating **Actionable Strategies, Policies and Projects** to guide implementation, addressing the wide multidisciplinary network of agencies, divisions and people will a role in implementation, including awareness and education campaigns, internal policies, coordination with external parties, VRU projects.

**Develop local jurisdictional bicycle and pedestrian plans.** As part of a team, NSI provides local planning support and development of Parish plans under the Local Planning Agency (LPA) Planning Guidebook support contract. As part of this effort, we recently prepared an active transportation plan for Lincoln Parish. NSI and team members have prepared numerous ATPs for cities, parishes and MPO regions across Louisiana and we can hit the ground running. The preparation of local active transportation plans supports the development of safe alternatives to state highway networks are considered for comfort and safety and helps local communities prepare successful project applications for the SRTPP program and Federal Discretionary Grant Programs.

**Tools and Resource Development:** Once the statewide ATP is updated NSI will assist DOTD with the development of tools and resources to implement the plan. NSI's planners, engineers, designers and GIS professionals have the experience, knowledge and resources to take implementation plans from conceptual ideas to concrete tools.

### Update the Bicycle Planning Tool:

- Integrate updated datasets and facility inventories
- Incorporate travel demand model data and Big Data for more robust roadway insights
- Enhance Usability through the use of ArcGis Online, StoryMaps and dashboards

Value added: As the primary developer of the Bicycle Planning Tool, PM Ellen Soll can immediately deliver impactful results.

### Update Statewide Bicycle Map:

- Refresh digital and print versions for route selection based on comfort, roadway characteristics and major barriers.
- Provide updated guidance on roadway best practices and Louisiana bicycle laws

### TASK XI. DEPLOY NON-MOTORIZED TRAFFIC COUNTS

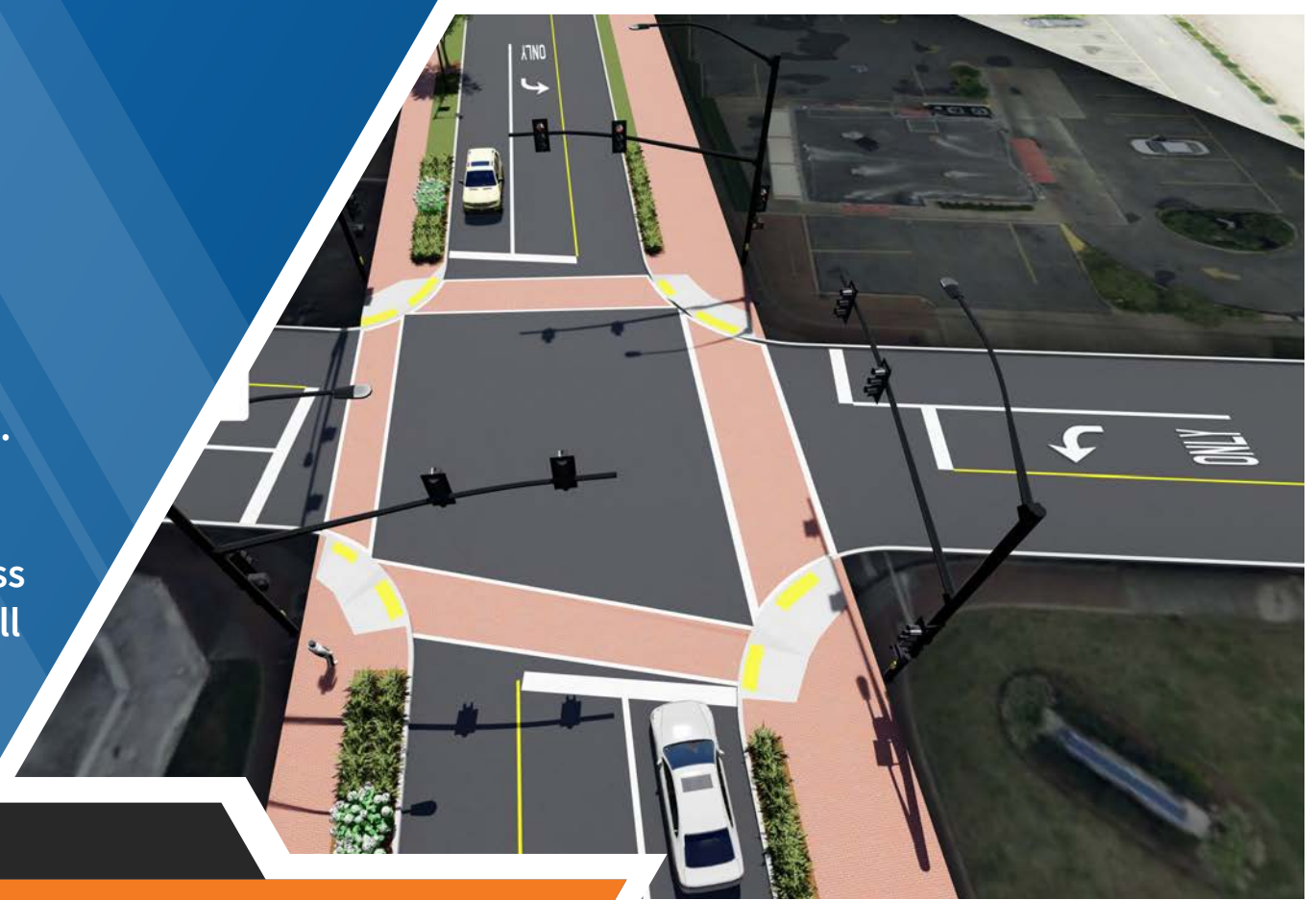
The NS team has both the capacity, equipment and personnel to quickly deploy non-motorized traffic counts statewide. Our team's decades of experience in active transportation planning and uses the latest state-of-the-practice methods and equipment for accurate and efficient data collection.

Our experience is grounded in recognized industry standards and guidance, including:

- Collecting and Using Automated Pedestrian and Bicycle Counts for Planning and Feasibility Analysis, 2022 (Project Manager Ellen Soll certified)
- Pedestrians and Bicyclists Count: Developing a Statewide Multimodal Count Program 2019
- Pedestrian and Bicycle Count: Data Collection and Use Guide for Louisiana, 2019

Recognizing that there is no "one size fits all" approach to non-motorized traffic counting, we also have the expertise to provide decision support for programs and projects to identify the equipment, site selection, time and duration of counts for specific studies. Because environmental conditions, seasonal variation, and available infrastructure all impact pedestrian and bicycle volumes, we can support development of a program where a long-term count program is implemented to understand short duration count variability.

Neel-Schaffer performed a comprehensive Complete Streets corridor revitalization and traffic study for Johnston Street (US 167) in Lafayette, LA. The renderings at right depict conceptual designs of context specific treatments that address safety and mobility needs for all users.




## Section 19

**IDIQ CONTRACT FOR VULNERABLE ROAD USER (VRU) TECHNICAL ASSISTANCE STATEWIDE**





19. WORKLOAD:

Firm(s)	Discipline(s)*	Contract Number & State Project Number	Project Name	Remaining Unpaid Balance**
 <b>Neel-Schaffer, Inc.</b>	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide (PRIME)	\$44,137
	ITS	4400010428 EWL 3, H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements (SUB)	\$805
	Traffic	4400010428 EWL 6, H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements (SUB)	N/A
	Traffic	4400010428 S.A. 6, H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements (SUB)	\$194,318
	Planning	4400015733, H.972374.1	Local Public Agency Documented Planning Process, Statewide	\$17,644
	Road	4400017293, H.010616	I-20: LA 544 Overpass Replacement	\$20,821
	ITS	440005459, H.004780.5	Kansas Lane Connector, S.A. #6	\$552
	Traffic	4400017438, H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville & WBR	\$79,160
	Traffic	4400018271, H.014746.1	LA 383 Corridor Study	\$12,464
	Traffic	4400018271, H.014746.5, SA #2	LA 383 Corridor Study	\$9,722
	Planning	4400018271, H.014746.1	LA 383 Corridor Study	\$93,741
	Planning	4400021094	Update Statewide Transportation Plan and Travel Demand Model	\$525
	Traffic	4400026458, H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	\$23,473
	Road	4400024927, H.015226.5, S.A. #2	US 90: Roundabout at LA 101, S.A. #2 (on hold and should not count as backlog)	N/A
	Traffic	4400025299, H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	N/A
	Traffic	4400025299, H.015645.5	LA 47 Hayne Blvd Safety Improvements	\$33,891
	Traffic	4400025299, H.016168.1	Baton Rouge Northern Bypass Expressway	\$268,646
	Road	4400024927, H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	\$324,142
	Traffic	4400024927, H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	\$66,649
	Traffic	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	n/a
Planning	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	\$3,610	
Road	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet (awaiting NTP for design and should not count as backlog)	\$140,470	



19. WORKLOAD:

Firm(s)	Discipline(s)*	Contract Number & State Project Number	Project Name	Remaining Unpaid Balance**
 <b>Neel-Schaffer, Inc.</b>	Road	4400024927, H.009425.5	LA 16: N 2nd St. to E. of Duncan Ave. (on hold and should not count as backlog)	\$144,229
	Traffic	4400025299, H.015986.5	I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study	\$51,293
	Traffic	4400023689, H.015574.5	LCG FYA Signal Improvements Phase 2	\$188,823
	Other (Program Management)	4400027987, H.015373.1	LRSP and SRTPP Program Management	\$570,559
	Road	4400024927, H.016158.5	LA 182: Greenwood St. Overpass (on hold and should not count as backlog)	\$10,595
	Traffic	4400028585, H.014516.5	Mills Ave & Rees St Intersection Imp	\$75,362
	Traffic	4400023689, H.015227. S.A. #1	US 61 @ Victoria Dr. Ped Crossing, S.A. #1	\$4,319
	ITS	4400029436, H.011504.6	Alexandria Phase 2 Technical Support	\$24,945
	ITS	4400029436, H.016447.1	DMS Decom & Updates SEA	\$7,378
	ITS	4400029436, H.015136.1	Monroe ITS Architecture	\$63,771
	CE&I/OV	4400029441, H.011446.6	Mound Rest Area Renovations	\$60,165
	Other (Electrical)	4400029441, H.015218.5	Grand Prairie Safety Rest Area Lighting	\$27,390
	Other (Electrical)	4400029441, T.O. #3	Butte LaRose Rest Area Lighting	\$4,492
	Traffic	4400025299, H.014305.1	US 61: Cardinal Drive to Bert Street	\$157,901
	Traffic	4400025299, H.016437.5	US 190: Wooddale to Livingston P/L	\$120,618
Road	4400024927, H.015640.5	LA 159 & LA 818: Roundabout	\$430,794	
 <b>Toole Design Group, LLC</b>	n/a	n/a	n/a	n/a





**Vectura Consulting  
Services, LLC**

CE&/OV	4400020018, H.007160	EBR Computerized Traffic Signal, Ph VB	\$23,595
Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	\$11,202
Traffic	4400021519, H.012030.5	KCS RR Overpasses HBI	\$572
Traffic	4400025299, H.01564.5	LA 47 Hayne Blvd Safety Improvements	\$9,437
Traffic	4400018271, H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
Traffic	4400025299, H.014305	US 61: Cardinal Dr to Bert St	\$44,311
Traffic	4400026026, H.016037	LA 1138-1 & LA 1138-2: Corridor Improvements	\$142,847
Traffic	4400025299, H.016437.5	US 190: Wooddale to Livingston P/L Study	\$120,040



**SEE ATTACHED**



State of  
Louisiana  
Secretary of  
State



**COMMERCIAL DIVISION**  
225.925.4704

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

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

**Previous Names**

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

**Domicile Address**

4450 OLD CANTON ROAD  
SUITE 100  
JACKSON, MS 39211

**Mailing Address**

4450 OLD CANTON ROAD  
SUITE 100  
JACKSON, MS 39211

**Principal Business Office**

4450 OLD CANTON ROAD  
SUITE 100  
JACKSON, MS 39211

**Registered Office in Louisiana**

450 LAUREL STREET, 8TH FLOOR  
BATON ROUGE, LA 70801

**Principal Business Establishment in Louisiana**

450 LAUREL STREET  
8TH FLOOR  
BATON ROUGE, LA 70801

**Status**

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

**Registered Agent(s)**

**Agent:** CORPORATION SERVICE COMPANY

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

**Officer(s)**

Additional Officers: No

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

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

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

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

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

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

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

**Amendments on File (17)**

Description	Date
Disclosure of Ownership	2/2/1995

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

Print

State of  
Louisiana  
Secretary of  
State



**COMMERCIAL DIVISION**  
225.925.4704

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

Name	Type	City	Status
TOOLE DESIGN GROUP, LLC	Limited Liability Company (Non-Louisiana)	SILVER SPRING	Active

**Previous Names**

**Business:** TOOLE DESIGN GROUP, LLC

**Charter Number:** 36580478Q

**Registration Date:** 11/2/2007

**Domicile Address**

8484 GEORGIA AVENUE SUITE 800  
SILVER SPRING, MD 20910

**Mailing Address**

8484 GEORGIA AVE STE 800  
SILVER SPRING, MD 20910

**Principal Business Office**

8484 GEORGIA AVE STE 800  
SILVER SPRING, MD 20910

**Registered Office in Louisiana**

201 RUE BEAUREGARD, STE. 202  
LAFAYETTE, LA 70508

**Principal Business Establishment in Louisiana**

201 RUE BEAUREGARD, STE 202  
LAFAYETTE, LA 70508

**Status**

**Status:** Active

**Annual Report Status:** In Good Standing

**Qualified:** 11/2/2007

**Last Report Filed:** 10/7/2025

**Type:** Limited Liability Company (Non-Louisiana)

**Registered Agent(s)**

<b>Agent:</b>	REGISTERED AGENTS INC
<b>Address 1:</b>	201 RUE BEAUREGARD, STE, 202
<b>City, State, Zip:</b>	LAFAYETTE, LA 70508
<b>Appointment Date:</b>	3/31/2021

**Officer(s)**

Additional Officers: No

<b>Officer:</b>	JENNIFER TOOLE
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	RJ ELDRIDGE
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	WILLIAM SCHULTHEISS
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	ERNE BOUGHMAN
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	CIARA SCHLICHTING
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	JESSICA FIELDS
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	ALIA ANDERSON
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	JASON DEGRAY
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE STE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	AMALIA LEIGHTON CODY
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	DANIEL GOODMAN
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	DAVID SHIPPS
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910

<b>Officer:</b>	JEREMY CHRZAN
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	JARED DRAPER
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	JAMIE LERNER
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	MICHELLE DANILA
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910
<b>Officer:</b>	TRUNG VO
<b>Title:</b>	Member
<b>Address 1:</b>	8484 GEORGIA AVE, SUITE 800
<b>City, State, Zip:</b>	SILVER SPRING, MD 20910

**Amendments on File (7)**

Description	Date
Foreign LLC Statement of Change	7/7/2008
Foreign LLC Statement of Change	9/19/2008
Foreign LLC Statement of Change	9/12/2012
Foreign LLC Statement of Change	1/28/2013
Foreign LLC Statement of Change	6/29/2015
Foreign LLC Statement of Change	8/17/2020
Foreign LLC Statement of Change	3/31/2021

Print



State of  
Louisiana  
Secretary of  
State



**COMMERCIAL DIVISION**  
225.925.4704

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

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

#### Previous Names

**Business:** VECTURA CONSULTING SERVICES, LLC  
**Charter Number:** 41994609K  
**Registration Date:** 8/24/2015

#### Domicile Address

4467 BLUEBONNET BLVD.  
SUITE A  
BATON ROUGE, LA 708099639

#### Mailing Address

PO BOX 14269  
BATON ROUGE, LA 70898

#### Status

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

#### Registered Agent(s)

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

#### Officer(s)

Additional Officers: No

**Officer:** SHEELAGH BRIN FERLITO  
**Title:** Manager  
**Address 1:** 4467 BLUEBONNET BLVD  
**Address 2:** SUITE A  
**City, State, Zip:** BATON ROUGE, LA 708099639

---

**Officer:** LAURENCE LAMBERT  
**Title:** Member

**Address 1:** 4467 BLUEBONNET BLVD  
**Address 2:** SUITE A  
**City, State, Zip:** BATON ROUGE, LA 708099639

#### Amendments on File (1)

Description	Date
Domestic LLC Agent/Domicile Change	6/8/2023

Print

# Transportation Professional Certification Board Inc.

*certifies that*

## Vijay Kumar Kunada

*has met all of the requirements established by the Certification Board  
to use the title of*

**PROFESSIONAL TRANSPORTATION PLANNER**

*Unless withdrawn by the Certification Board, this certificate number 096  
issued in Washington, D.C. is subject to the provisions for renewal  
November 7, 2007*

*Steven D. Hofener*  
Chair



*James W. Schaffer*  
Executive Director

# Transportation Professional Certification Board Inc.

*certifies that*

## Vijay Kumar Kunada

*has met all of the requirements established by the Certification Board  
to use the title of*

**PROFESSIONAL TRAFFIC OPERATIONS ENGINEER**

*unless withdrawn by the Certification Board and subject to the provisions for renewal  
Certificate number 2878 issued in Washington, D.C. U.S.A.  
April 14, 2010*

*Steven D. Hofener*  
Chair



*James W. Schaffer*  
Executive Director

**Vijay Kunada**  
From: orders@ite.org  
Sent: Tuesday, April 15, 2025 12:20 PM  
To: Vijay Kunada  
Subject: TPCB Renewal Approval Notice

**CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

### Transportation Professional Certification Board Inc.

1027 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-785-0000 • www.tpcb.org

Mr. Vijay K. Kunada, P.E., PTOE, PTP:

We want to congratulate you and thank you for renewing your certification as a PTOE. The Transportation Professional Certification Board and staff commend you on your commitment to your profession and stand ready to assist you. Some important things to note:

1. Your certification is renewed through 4/14/2028
2. You will not be receiving a new certificate as the one sent to your originally does not indicate an expiration date and can be displayed as long as you are a PTOE. Your certificate does indicate your original certification date.
3. At the end of the three-year period, your certification will need to be renewed again. This can be done without examination provided you have met the continuing education requirements and submitted the necessary PDHs/CMEs.
4. Just a reminder that you can use the free [Record-keeping System](https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Uploading%20Fileable.pdf) if you are an ITE member, but if you are a non-member, you may use this template to keep track of your credits: <https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Uploading%20Fileable.pdf>

We thank you for your continuing support of the Certification Program and wish you the best of luck in the coming years.

Sincerely,

Jan O. Voss, P.Eng., PTOE  
Chair, Transportation Professional Certification Board

**Vijay Kunada**  
From: orders@ite.org  
Sent: Wednesday, October 22, 2025 11:37 AM  
To: Vijay Kunada  
Subject: TPCB Renewal Approval Notice

**CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

### Transportation Professional Certification Board Inc.

1027 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-785-0000 • www.tpcb.org

Mr. Vijay K. Kunada, P.E., PTOE, PTP:

We want to congratulate you and thank you for renewing your certification as a PTP. The Transportation Professional Certification Board and staff commend you on your commitment to your profession and stand ready to assist you. Some important things to note:

1. Your certification is renewed through 11/7/2028.
2. You will not be receiving a new certificate as the one sent to your originally does not indicate an expiration date and can be displayed as long as you are a PTP. Your certificate does indicate your original certification date.
3. At the end of the three-year period, your certification will need to be renewed again. This can be done without examination provided you have met the continuing education requirements and submitted the necessary PDHs/CMEs.
4. Just a reminder that you can use the free [Record-keeping System](https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Uploading%20Fileable.pdf) if you are an ITE member, but if you are a non-member, you may use this template to keep track of your credits: <https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Uploading%20Fileable.pdf>

We thank you for your continuing support of the Certification Program and wish you the best of luck in the coming years.

Sincerely,

Jan O. Voss, P.Eng., PTOE  
Chair, Transportation Professional Certification Board



From: Ann O'Neill <aoneill@ite.org>  
Sent: Thursday, January 29, 2026 10:29 AM  
To: Jonathan Duhe <jonathan.duhe@neel-schaffer.com>  
Subject: FW: PTOE Renewal (2024)

You don't often get email from aoneill@ite.org. [Learn why this is important](https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Uploading%20Fileable.pdf)

**CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Jonathan,

You are not due to renew your PTOE until March 2027  
Your RSP1 is due in July 2026,

You have no action items at this time.

# Transportation Professional Certification Board, Inc.

*certifies that*

**Brandon Dale Perilloux**

*has met all of the requirements established by the Certification Board  
to use the title of*

**Professional Traffic Operations Engineer**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.  
Certificate number 4432 issued in Washington, D.C., U.S.A*

  
Michael K. Park  
Chair



  
Jeffrey F. Pinski  
Executive Director

# Transportation Professional Certification Board Inc.

*certifies that*

**Ellen Lee Burke**

*has met all of the requirements established by the Certification Board  
to use the title of*

**PROFESSIONAL TRAFFIC OPERATIONS ENGINEER**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.  
Certificate number 3735 issued in Washington, D.C., U.S.A.*

*August 1, 2014*

  
Timothy P. Harpust  
Chair



  
Dennis M. Howard  
Executive Director

Mr. Brandon D. Perilloux, P.E., PTOE, RSP1:

We want to congratulate you and thank you for renewing your certification as a PTOE. The Transportation Professional Certification Board and staff commend you on your commitment to your profession and stand ready to assist you. Some important things to note:

1. Your certification is renewed through 3/18/2027.

**From:** info@ite.org <info@ite.org>

**Sent:** Monday, September 18, 2023 11:24 AM

**To:** Ellen Howard <ellen.howard@neel-schaffer.com>

**Subject:** TPCB Renewal Approval Notice

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org



Ms. Ellen Burke Howard, P.E., PTOE, RSP1:

We want to congratulate you and thank you for renewing your certification as a PTOE. The Transportation Professional Certification Board and staff commend you on your commitment to your profession and stand ready to assist you. Some important things to note:

1. Your certification is renewed through 8/1/2026.
2. You will not be receiving a new certificate as the one sent to your originally does not indicate an expiration date and can be displayed as long as you are a PTOE. Your certificate does indicate your original certification date.
3. At the end of the three-year period, your certification will need to be renewed again. This can be done without examination provided you have met the continuing education requirements and submitted the necessary [PDHs/CMs](#).
4. Just a reminder that you can use the free [Record-keeping System](#) if you are an ITE member, but if you are a non-member, you may use this template to keep track of your credits.  
<https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Uploading%20Fillable.pdf>

We thank you for your continuing support of the Certification Program and wish you the best of luck in the coming years.

https://outlook.office.com/mail/inbox/id/AAkALgAAAAAHYQDEapmEc2byACqAC%2FEWg0A3kEVra7z20iLUAHUTLHdzQAAijZa6wAA?nativeVersion... 1/2



Transportation Professional Certification Board Inc. 

1627 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-795-0900 • www.tpcb.org

Santosh K Andem, PE, PTOE:

We want to congratulate you and thank you for renewing your certification as a PTOE. The Transportation Professional Certification Board and staff commend you on your commitment to your profession and stand ready to assist you. Some important things to note:

1. Your certification is renewed through 8/1/2026.
2. You will not be receiving a new certificate as the one sent to your originally does not indicate an expiration date and can be displayed as long as you are a PTOE. Your certificate does indicate your original certification date.
3. At the end of the three-year period, your certification will need to be renewed again. This can be done without examination provided you have met the continuing education requirements and submitted the necessary [PCEs/CMEs](#).
4. Just a reminder that you can use the free [Records-keeping System](#) if you are an ITE member, but if you are a non-member, you may use this template to keep track of your credits. <https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PE%20Upload%20File.pdf>

We thank you for your continuing support of the Certification Program and wish you the best of luck in the coming years.

Sincerely,

Joseph C. Balskus, PE, PTOE, RSP1  
Chair, Transportation Professional Certification Board

**Kristen Farrington**

---

**From:** info@tpe.org  
**Sent:** Monday, May 22, 2023 11:51 AM  
**To:** Kristen Farrington  
**Subject:** TPCB Renewal Approval Notice

**Transportation Professional Certification Board Inc.**

1627 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-795-0900 • www.tpcb.org

Mrs. Kristen Gahagan Farrington, P.E., PTOE, RSP1:

We want to congratulate you and thank you for renewing your certification as a PTOE. The Transportation Professional Certification Board and staff commend you on your commitment to your profession and stand ready to assist you. Some important things to note:

1. Your certification is renewed through 3/26/2026.
2. You will not be receiving a new certificate as the one sent to your originally does not indicate an expiration date and can be displayed as long as you are a PTOE. Your certificate does indicate your original certification date.
3. At the end of the three-year period, your certification will need to be renewed again. This can be done without examination provided you have met the continuing education requirements and submitted the necessary [PCEs/CMEs](#).
4. Just a reminder that you can use the free [Records-keeping System](#) if you are an ITE member, but if you are a non-member, you may use this template to keep track of your credits. <https://www.tpcb.org/TPCB/assets/File/PUBLISHED/TPCB%20Template%20for%20PDH%20Upload%20File.pdf>

We thank you for your continuing support of the Certification Program and wish you the best of luck in the coming years.

Sincerely,

Joseph C. Balskus, P.E., PTOE, RSP1  
Chair, Transportation Professional Certification Board




---


1

*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




*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




*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




*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




*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




*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




*Certificate of Completion*  
presented to  
**William Case Fulcher**  
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




*Certificate of Completion*  
presented to  
**William Fulcher**  
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




*Certificate of Completion*  
presented to  
**William Fulcher**  
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




*Certificate of Completion*  
presented to  
**Kirk Gallien**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 2.5




  
Authorized Instructor
   
Authorized Instructor
   
Authorized instructor




*Certificate of Completion*  
presented to  
**Kirk Gallien**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 3.5




  
Authorized Instructor
   
Authorized Instructor
   
Authorized instructor




*Certificate of Completion*  
presented to  
**Kirk Gallien**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3




  
Authorized Instructor
   
Authorized Instructor
   
Authorized instructor




*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




*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




*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




*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




*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




*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



**Certificate of Completion**  
presented to  
**Gary Leblanc**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

**Certificate of Completion**  
presented to  
**Gary Leblanc**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

**Certificate of Completion**  
presented to  
**Gary Leblanc**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

**Certificate of Completion**  
presented to  
**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

**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

**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

**Certificate of Completion**  
presented to  
**Katie Odenthal**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

**Certificate of Completion**  
presented to  
**Katie Odenthal**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

**Certificate of Completion**  
presented to  
**Katie Odenthal**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor




Authorized Instructor


Authorized instructor

**Certificate of Completion**  
presented to  
**Ellen Soll**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

Date: July 28, 2020  
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  
**Ellen Soll**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

Date: July 28, 2020  
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  
**Ellen Soll**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

Date: July 29, 2020  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3.5




  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

**Certificate of Completion**  
presented to  
**Brandon Perilloux**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 2


  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

**Certificate of Completion**  
presented to  
**Brandon Perilloux**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 3




  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

**Certificate of Completion**  
presented to  
**Brandon Perilloux**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3




  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

**Certificate of Completion**  
presented to  
**Brin Ferlito**  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 4




  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

**Certificate of Completion**  
presented to  
**Brin 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  
**Brin 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

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Laurence Lambert*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**




Date: July 16, 2018      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 2


  
 Authorized Instructor
     
   
 Authorized Instructor
     
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Laurence Lambert*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**




Date: July 23, 2018      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3


  
 Authorized Instructor
     
   
 Authorized Instructor
     
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Laurence Lambert*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**




Date: October 15, 2018      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3


  
 Authorized Instructor
     
   
 Authorized Instructor
     
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Kristen Gahagan*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**




Date: July 30, 2018      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 2.5


  
 Authorized Instructor
     
   
 Authorized Instructor
     
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Kristen Gahagan*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**




Date: August 6, 2018      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3


  
 Authorized Instructor
     
   
 Authorized Instructor
     
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Kristen Gahagan*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

Date: October 29, 2018      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3

  
 Authorized Instructor
     
   
 Authorized Instructor
     
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

N/A



## 22. SUB-CONSULTANT INFORMATION:

<b>Firm Name</b> (Name must match as registered with Louisiana's Secretary of State)	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
<b>Toole Design Group, LLC</b>	700 SE 5th Street, Suite 240 Bentonville, AR 72712	Benjamin Magallon, AICP, TSSP-Rail/Bus bmagallon@tooledesign.com	737.276.3188
<b>Vectura Consulting Services, LLC</b>	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	225.223.6685



### 23. LOCATION:

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

