LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

STATEMENT OF QUALIFICATIONS

Engineering and Related Services

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

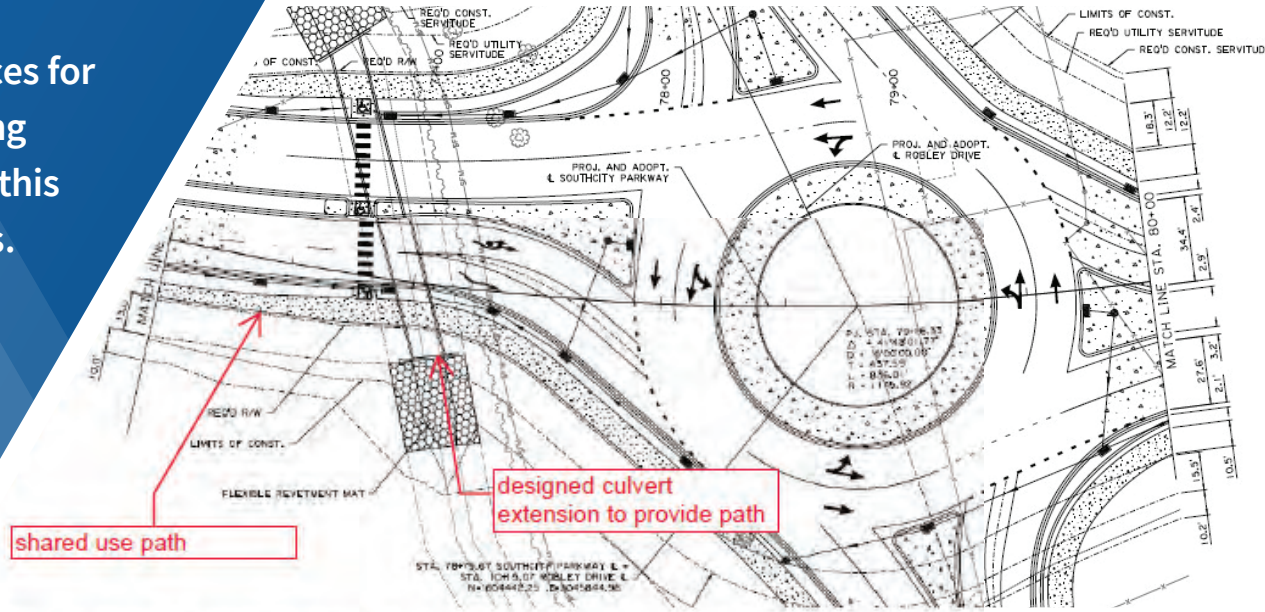
IDIQ Contract for Design of Transportation Alternatives Program Projects

August 9, 2023

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

NEEL-SCHAFFER
Solutions you can build upon

NSI has completed traffic and road design services for Stage 0, Stage 1 and Stage 3 projects with varying complexity throughout the state and will utilize this experience to expedite these task order projects. One example is South City parkway which proposes a new 4 lane multilane roadway, with multilane roundabouts, a new river bridge crossings, shared use path and bike lanes. NSI completed the design (traffic, safety, road, landscape, hydraulic and hydrologic river modeling, roadside drainage), environmental, permitting, and obtained a no-rise certification.



Sections **1-11**

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

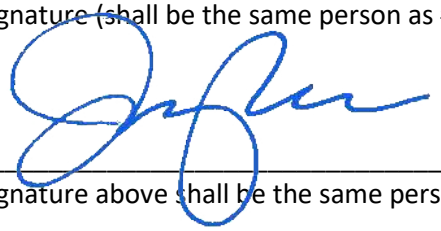
IDIQ Contract for Design of Transportation Alternatives Program Projects

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised January 1, 2023)

1. Contract Name as shown in the advertisement	**IDIQ CONTRACT FOR DESIGN OF TRANSPORTATION ALTERNATIVES PROGRAM PROJECTS**
2. Contract Number(s) as shown in the advertisement	**Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183**
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name **(name must match as registered with the Louisiana Secretary of State where such registration is required by law**)	Neel-Schaffer, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001372
6. Prime consultant mailing address	10000 Perkins Rowe Suite G360 Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe Suite G360 Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	**Dishili Young, PE, PTOE** *Vice President / Engineering Manager* dishili.young@neel-schaffer.com 225-614-2813
9. Name, title, phone number, and email address of the official with signing authority for this proposal	**Jerry Trumps** *Executive Vice President* jerry.trumps@neel-schaffer.com 337-232-6111

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9)  Signature above shall be the same person listed in Section 9: August 9, 2023 Date:	
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	**Firm(s):**	**Firm(s)' %:**
	Civil Design & Construction, Inc.	18%

TAP projects include sidewalk design, which is not as simple as it might seem. Unlike major roadway projects, utility relocation and right-of-way (ROW) acquisition are not an option. To provide a design which meets ADA compliance, required utilities adjustments, drainage structures and the impacts of even slight changes in grade must be considered in detail. We have provided this for DOTD projects (see images).

Sections **12-15**

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

IDIQ Contract for Design of Transportation Alternatives Program Projects

12. Past Performance Evaluation Discipline Table:

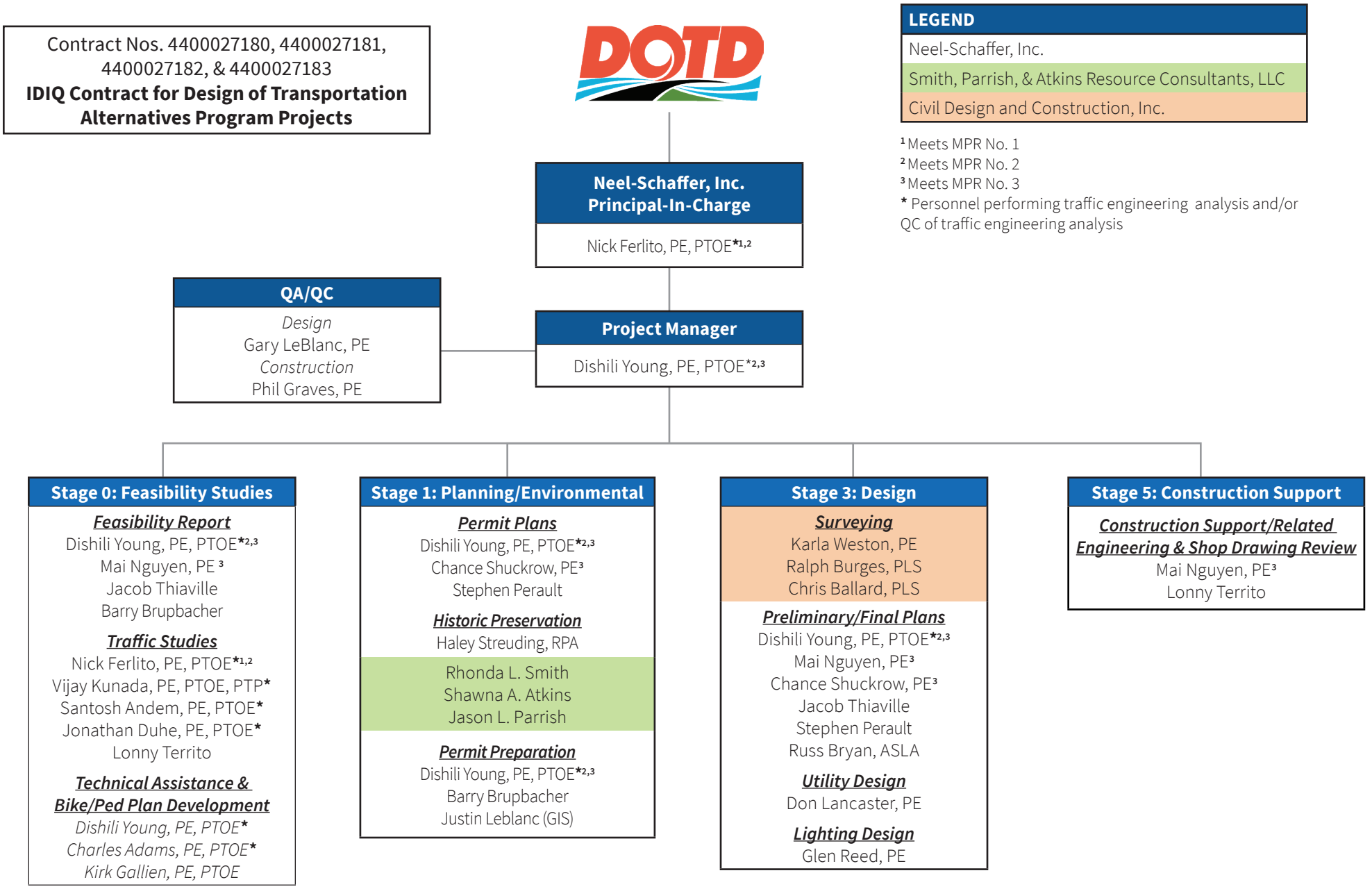
Past Performance Evaluation Discipline(s)	% of Overall Contract	Neel-Schaffer, Inc.	Civil Design & Construction, Inc.	Smith, Parrish, & Atkins Resource Consultants, LLC	Each Discipline must total to 100%
Road	60.00%	100.00%	0.00%	0.00%	**100%**
Traffic	20.00%	100.00%	0.00%	0.00%	**100%**
Survey	18.00%	0.00%	100.00%	0.00%	**100%**
Environmental	2.00%	50.00%	0.00%	50.00%	**100%**
	Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100.00%	81.00%	18.00%	1.00%	

13. Firm Size:

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

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (*if needed*)
Neel-Schaffer, Inc.	Engineer	15	25
Neel-Schaffer, Inc.	Principal	1	2
Neel-Schaffer, Inc.	Supervisor - Eng.	3	5
Neel-Schaffer, Inc.	Senior Technician	1	2
Neel-Schaffer, Inc.	Environmental Manager	1	1
Neel-Schaffer, Inc.	Engineer Intern	1	2
Neel-Schaffer, Inc.	Landscape Architect	1	1
Neel-Schaffer, Inc.	GIS Analyst	1	1
Neel-Schaffer, Inc.	Archaeologist	1	1
Civil Design & Construction, Inc.	Surveyor	1	3
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	1	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	2	5
Civil Design & Construction, Inc.	Other (Supervisor – SUE)	1	1
Smith, Parrish, & Atkins Resource Consultants, LLC	Other (Archaeologist)	1	2
Smith, Parrish, & Atkins Resource Consultants, LLC	Other (Architectural Historian)	1	1

14. Organizational Chart



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Nick Ferlito, PE, PTOE	Neel-Schaffer, Inc.	PE No. 28001 – Civil, PTOE 930	LA	09/30/23
2	Nick Ferlito, PE, PTOE	Neel-Schaffer, Inc.	PE No. 28001 – Civil, PTOE 930	LA	09/30/23
2	Dishili Young, PE, PTOE	Neel-Schaffer, Inc.	PE No. 33723 – Civil, PTOE	LA	09/30/23
3	Dishili Young, PE, PTOE	Neel-Schaffer, Inc.	PE No. 33723 – Civil	LA	09/30/23
3	Mai Nguyen, PE	Neel-Schaffer, Inc.	PE No. 38189 – Civil	LA	03/31/24
3	Chance Shuckrow, PE	Neel-Schaffer, Inc.	PE No. 42746 – Civil	LA	03/31/25

Our NSI staff has extensive experience designing projects for DOTD like those included in this TAP IDIQ (both planning/ plan production and traffic/ safety analysis).

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

Section **16**

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

IDIQ Contract for Design of Transportation Alternatives Program Projects

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Nick Ferlito, PE, PTOE**			Years of experience with this firm/employer	25
Title	Senior Vice President			Years of experience with other firm(s)/employer(s)	3
Degree(s) / Years / Specialization			BS / 1993 / Civil Engineering; MS / 1996 / Civil Engineering		
Active registration number / state / expiration date			PE 0028001 / LA / 09-30-2023; PTOE 930 / 04-23-2023		
Year registered	1998	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Studies; Meets MPRS #1 & #2		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project provides safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Traffic, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. Ferlito has assisted with the ball-bank studies and managed the traffic services for these projects. The task orders under this project are as follows: **Local Road Signing (Vermilion) (SPN. H.013014);** The project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes a ball-bank study, signage and striping for safety improvements along 30 Miles of roadway. **FYA Signal Improvements (LCG) Lafayette Parish (SPN. H.014579);** This project includes the installation of flashing yellow arrows, cabinets, and detection systems for 28 intersections throughout Lafayette. **LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1)** Project includes consideration for pedestrian crossings, road diet and sidewalks. **LRSP Ardenwood Dr. Road Diet**; Project includes installation of crossovers, pedestrian signals, roadway improvements, signs & striping. **Local Road Signing (Ascension) (SPN. H.015011);** Project includes ball bank studies, raised median installation, signage, and striping for safety improvements along 56 Miles of roadway and 32 parish and local roadways in Ascension Parish. See project profiles.
01/2022 – Present	**US 167: I-10 to Willow Street Road Safety Assessment** (SPN 4400010504, Task No, H.014959.1). *Project Manager* for this study. Coordinating the Road Safety Assessment for US 167 from I-10 to Willow Street to conduct a safety study, perform a field evaluation and engage stakeholders to develop alternative concepts to reduce pedestrian and bicycle crashes and fatalities.
7/22 - Present	**Jimmie Davis Design Build (S.P. H.001779) –** Project proposes a new Red River Crossing for LA 511 and will reconstruct LA 511 from a 5 lane section to a 4 lane median divided roadway with sidewalks and shared use path. The existing bridge will remain and be turned into a linear park. Traffic analysis lead.
07/2021 – Present	**District 61 Intersection Safety Studies** (SPN 4400010504, Task No, H.014684.1). *Project Manager* for this study. Coordinated the intersection safety studies at 10 intersections in District 61 to identify low-cost countermeasures to reduce crashes.
04/2020 – 07/2021	**District 05 Safety Investment Plan, DOTD District 05** (SPN 4400010504, Task No, H.014295.1). *Project Manager* for this study. Coordinated the evaluation of crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
12/2017 - 03/2019	**District 08 Safety Investment Plan, DOTD District 08** (SPN 4400010504, Task No, H.013264.1). *Project Manager* for this study. Coordinated the evaluation of crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.

16. Staff Experience:

02/2019 – 3/2020	**District 07 Safety Investment Plan, DOTD District 07** (SPN 4400010504, Task No, H.013826.1). *Project Manager* for this study. Coordinated the evaluation of crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
12/2019 - Ongoing	**Safety improvements at the US 80: Intersection with Bellevue Road, Route US 80, Bossier Parish, LA** (SPN 4400010504, T.O. H.014044.1). *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to evaluate RCUT and full access intersection alternatives to improve the safety and mobility along US 80. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
11/2016 - 07/2019	**LA 385 Feasibility Study, Lake Charles, LA – Stage 0/Traffic & Safety Study** (SPN 44-4402, T.O. No. H.012685.1). *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to in support of safety and capacity improvements along the LA 385 (Ryan Street) corridor between LA 3186 south of I-10 to Eddy Street north of I-10, including the LA 385 interchange with I-10. We identified near term and long-term improvements along the corridor. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
02/2016 - 10/2017	**LA 6 Feasibility Study, Natchitoches, LA – Stage 0 / Traffic & Safety Study** (SPN 44-4402, T.O. No. H.012307.1) *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to in support of safety and capacity improvements along the LA 6 corridor between Parish Road 542 west of I-49 to LA 3278 east of I-49, including the LA 6 interchange with I-49 to determine feasible alternatives that will preserve and enhance mobility and safety. Alternatives include roundabouts and RCUT alternatives. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
05/2015 - 06/2018	**LA 328 Stage 0, Breaux Bridge, LA – Traffic & Safety Study** (SPN 44-4909, T.O. H.011279.1) *Project Manager* for this study. Coordinated the Traffic and Safety studies as part of the Stage 0 Study to in support of safety and capacity improvements along LA 328. Alternatives include roundabouts and RCUT alternatives along LA 328 in proximity to I-10 in St. Martin Parish. The study included data collection, traffic forecasting, existing/no build and build traffic and safety analysis.
Career History	Mr. Ferlito is a traffic/transportation engineer who manages a range of traffic and safety related projects. **Mr. Ferlito serves or has served as the project manager for IDIQ Safety Study Contracts 44-01583, 44-04402 and 44-10504 and for Stage 0 Studies, safety studies, local and regional traffic impact studies, intersection studies, corridor studies, transportation management plans, signal timing studies, warrants analysis, traffic signal inventories, signal design projects and other traffic engineering related projects for both public and private projects.** Mr. Ferlito is experienced with numerous traffic engineering software packages include HCS, CORSIM, SYNCHRO, Tru-Traffic (TSPPDraft), SIDRA and has completed training on LADOTD's **CAT Scan safety tool**. Mr. Ferlito is a certified Professional Traffic Operations Engineer (PTOE) and has completed the NEPA and Transportation Decision Making course (2004), the **Highway Safety Manual Workshop** (2011) as well as LADOTD's **Traffic Engineering Process and Report (TEPR)** training.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Dishili Young, PE, PTOE**		Years of experience with this firm/employer	6	
Title	Vice-President & Engineering Manager		Years of experience with other firm(s)/employer(s)	15	
Degree(s) / Years / Specialization			B.S. / 2002 / Civil Engineering / LSU; MCE/2018/Auburn University		
Active registration number / state / expiration date			No. 0033723 / LA / 9/30/2024		
Year registered	2008	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager/Design/Tech Assist. & Bike/Ped Plan Dev./Stage 0; Meets MPRs #2 & #3		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This contract includes 13 projects which will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Ms. Young has managed the project and assisted with the roadway and drainage design for these projects. The task orders under this project are as follows (see project profile for full description): **1.)** Local Road Signing (Vermilion) (SPN. H.013014); **2.)** Independence SRTS – Phase II (SPN. H.010108.1); **3.)**LRSP (Iberia Parish and City of N.I.) (SPN. H.013770); **4.)** LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1); **5.)** W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621); **6.)** LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1); **7**). Downtown Greenway LA Connector (BR) (SPN. H.013751); **8.)** LSU Laboratory School SRTS Project (SPR. H.009290); **9.)** Local Road Signing (Ascension) (SPN. H.015011). See project profiles for more details.
	Monroe Streetscape Improvements: This project included streetscape improvements between Forsythe Ave. and Louisville Ave. in the city of Monroe, LA. Managed the completion of plan layouts, typical sections and construction cost estimates for this project which will improve connectivity for ped and bike traffic and provide connections to park, school and other origin and destinations. Alternatives included road diets, shared lanes, paths, sidewalks, landscaping, curb extensions, bike lanes and more. Applications submitted for LTAP.
8/17 – 8/20	**US 71 (Barksdale Blvd) Streetscape Improvements** Phase 1 Project constructed 1.5 Miles of sidewalk improvements and lighting to DOTD requirements. Plan and Profiles sheets were provided on aerial imagery with DOTD review and approval. Project Manager
2009 - 2010	**Nicholson Dr. (LA 30) Segment 1 Bicycle and Pedestrian Access Study:** determined safe cost effective methods to provide connectivity within the area bounded by the Mississippi River Leve, Ben Hur Road, Burbank Drive and through LSU (included State roadways). Recommendations for alternatives were made in coordination with LADOTD's Bicycle and Pedestrian Coordinator, stakeholder outreach and based on the FHWA's Bicycle Compatibility LOS calculations. She completed typical sections, plans, determined ROW, relocation, estimated demand and benefit cost index, conducted public/stakeholder outreach and coordination for DOTD approvals.
01/20 - Present	I-20: LA 544 Overpass Replacement, State Project NO. H.010616, F.A.P. NO. H010616, Route I-20, Lincoln Parish. Ms. Young is managing the preliminary and final design services for this project. Includes ped and bike improvements.
04/18 - Present	I-49 South at Verot School Road, S.P. No. H.011235.5: Ms. Young is managing the design services for the interstate design and service road design (drainage, roadway and TMP). This project which will construct 2.4 miles of mainline freeway, bridges and an interchange.
12/17 - 07/20	Southcity Parkway Extension - Lafayette, LA: This project will construct a new 1.7 - mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road; includes 3 multilane roundabouts and a new bridge crossing of the Vermillion River. NSI provided public outreach, environmental, road design and traffic services. Includes ped and bike improvements. Project Manager

16. Staff Experience:

08/17 - 03/19	Juban Road Widening, S.P.N. H.004634 Juban Rd. Widening: Ms. Young served as the engineer of record and managed the completion of the roadway and drainage design services for this project. Includes ped and bike improvements.
08/2017 - present	Mandeville Bypass - Mandeville, LA: Ms. Young is managing the design services. Project will provide new connector roadway muiltilane roundabouts and shared use path.
08/17 - present	Ham Reid at LA 3092 Intersection Improvements: Ms. Young is serving as engineer of record for this project which will construct a roundabout at the intersection of LA 3092 and Ham Reid rd. The roadway and drainage design per LADOTD guidelines.
02/10 - 12/11	S.P. No. 450-10-0159: I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 74) for LA DOTD: Ms. Young served as Engineer and managed portions of the civil design for this project. This project involved the widening of I-10 from four lanes to six, bridge reconstruction (I-10 over Wards Creek and I-10 over KCS Bridge), and drainage improvements along the corridor. In addition to assisting with the roadway design, Ms. Young completed the H&H analysis and scour analysis for the Wards Creek Bridge. She also assisted with the interstate drainage design.
01/09 - 11/11	S.P. Nos. 454-01-0047 & 454-02-0025: I-12 Widening Design-Build (O'Neal Ln. to Pete's Hwy) for LA DOTD: Ms. Young served as Engineer for this project which involved the widening of I-12 and bridge reconstruction (I-12 over Amite River (two bridges) and I-12 over O'Neal Lane (two bridges)). In addition to assisting with the roadway design, Ms. Young assisted with the scour analysis and H&H analysis at the Amite River as well as the drainage design along the interstate corridor.
05/16 - 01/20	Webster Parish Roadway, Bridge and Culvert Engineering, Damage Assessment and Reconstruction Services. Ms. Young managed the civil portion of this project which included approximately 200 roadway and new drainage sites.
08/17 - 03/20	LA 73 Turn Lanes: Ms. Young served as engineering design manager for this project. See project profile for details. Completed using LADOTD design standards, guidelines and software.
3/07 - 8/08	SP No. 817-41-0014, CP Project No. 06-CS-HC-0029: South Harrell's Ferry Road Improvements, GLP, Baton Rouge, LA: (March 2007-August 2008). This project involved the reconstruction, realignment and widening of South Harrell's Ferry Road to a median divided corridor. Ms. Young provided roadway design support, created a HEC-RAS model for a major drainage crossing and bridge alternative, designed the subsurface drainage using LADOTD hydraulics software. Includes sidewalks and bike lanes.
Career History	Ms. Young offers approximately 20 years of progressive experience which includes program management, engineering management, project management and engineering design. Her experience includes the management and design of interstate design-build projects, interstate design-bid-build projects, road design projects, drainage projects, H&H Studies, environmental studies and feasibility studies. Some of her Continuing Education is documented as follows: Transportation Safety Systems (Highway Safety Manual Graduate Course), Auburn University, 2016 ATSSA Traffic Control Supervisor Training Course, Baton Rouge, 2015 NHI Course No. 142005 - NEPA Transportation Decision Making , Baton Rouge, 2014 FHWA Highway Safety Manual Workshop, Baton Rouge, 2014 Roadside Safety Design by the Federal Highway Administration and National Highway Institute, LTRC, 2010 Open Channel Design, University of Wisconsin, Madison, Storm Sewer Design, University of Wisconsin,

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Mai Nguyen, PE**		Years of experience with this firm/employer	6	
Title	Roadway Design Engineer		Years of experience with other firm(s)/employer(s)	7	
Degree(s) / Years / Specialization			BS / 2008 / Civil Engineering		
Active registration number / state / expiration date			PE 0038189 / LA / 03-31-2024		
Year registered	2013	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Stage 0, Design, Construction Support; Meets MPR #3		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This contract includes 13 projects which will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Ms. Nguyen has assisted with the roadway plan production and design for these projects. The task orders under this project are as follows (see project profile for full description): **1.)** Local Road Signing (Vermilion) (SPN. H.013014); **2.)** Independence SRTS – Phase II (SPN. H.010108.1); **3.)**LRSP (Iberia Parish and City of N.I.) (SPN. H.013770); **4.)** LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1); **5.)** W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621); **6.)** LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1); **7**). Downtown Greenway LA Connector (BR) (SPN. H.013751); **8.)** LSU Laboratory School SRTS Project (SPR. H.009290); **9.)** Local Road Signing (Ascension) see project profiles.
8/17 – 8/20	**US 71 (Barksdale Blvd) Streetscape Improvements** Phase 1 Project constructed 1.5 Miles of sidewalk improvements and lighting to DOTD requirements. Plan and Profiles sheets were provided on aerial imagery with DOTD review and approval. Project Engineer
	Monroe Streetscape Improvements: This project included streetscape improvements between Forsythe Ave. and Louisville Ave. in the city of Monroe, LA. Project included plan layouts, typical sections and construction cost estimates to improve connectivity for ped and bike traffic and provide connections to park, school and other origin and destinations. Alternatives included road diets, shared lanes, paths, sidewalks, landscaping, curb extensions, bike lanes and more. Applications submitted for LTAP. Design support.
02/18 – 06/21	**Districts 5, 7, and 8 Safety Investment Plan:** Ms. Nguyen was responsible for high level concept layouts for low-cost safety improvements throughout the district including roundabouts, realign intersections, installed raised crosswalk, access management, add sidewalk and paved shoulder, and turn lane. She also responsible for calculated quantities and cost estimation. */ Design Engineer*
08/17 - 03/19	**Juban Road Widening, S.P.N. H.004634 Juban Rd. Widening:** Project will widen Juban road, construct sidewalks, bike lanes, roundabouts, signage and striping. Design support. See project profile for details.
01/20 - Present	**I-20: LA 544 Overpass Replacement, State Project NO. H.010616, F.A.P. NO. H010616,** Route I-20, Lincoln Parish. She completed the preliminary and final design services for this project. Includes bike and ped facilities. See project profiles for details.
11/15 – 07/20	**Southcity Parkway Extension, Phase 1, Robley Drive To Kaliste Saloom Road, Lafayette Consolidated Government (LCG).** Environmental Assessment (EA), preliminary design and final design. Several conceptual bridge and roadway layouts were developed and studied for a median divided roadway with roundabouts and a bridge crossing the Vermilion River at various locations. She provided design support for the roadway design.
09/14 - 08/15	**LA 16: Roundabout @ LA 447, Livingston, LA. S.P. No. H.010124 -** Responsible for developing roundabout preliminary roadway plans in accordance with LaDOTD design guidelines, creating horizontal and vertical alignment layouts, modeling roadway to determine required

16. Staff Experience:

	right-of-way limits, developing sequence of construction, and perform hydraulic analysis.
04/18 - present	**I-49 South at Verot School Road, S.P. No. H.011235.5**: Ms. Nguyen is completing the preliminary and final roadway design for this project which will construct 2.4 miles of mainline freeway and interchange at the intersection of I-49 South/US 90 and Verot School Road. This project includes the design of a major bridge crossing at Verot Rd. and I-49, 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.
02/20 – 01/22	**H.014054.1 I-69 Stage 0 Frontage Road (Stonewall Frierson Road), Desoto Parish, LA:** This project provides a connection between I-49 and the proposed future I-69. The project included the stage 0 report, checklists, conceptual layout, and cost estimates. The project also included widening, upgrading, and extending existing roadway. */ Design Engineer*
02/20 – 01/22	**H.014056.1: I-69 Stage 0 Frontage Road (Ellerbe Road), Caddo Parish, LA:** This project when combined with the proposed I-69 will provide a connection between Port of Caddo-Bossier and I-49. The project included the stage 0 report, checklists, conceptual layout, and cost estimates. The project also included bridge replacements, upgrading and extending existing roadway to current design guidelines.
09/17 – 03/20	**MA-18-03-A/B: Move Ascension Turn Lane Projects @ LA 73, Ascension Parish, LA:** Ms. Nguyen was responsible for developing preliminary and final design services for turn lane improvements on LA 73 at Brown Road and Oakland Drive. Challenges included utilities conflicts and bridge constraints. She completed preliminary, final design and construction proposal. She also completed conceptual layouts, construction cost estimates for the traffic analysis as part of the conceptual analysis phase. / *Design Engineer*
08/17 – 07/18	**I-10 New Orleans Master Plan Stage 0 Feasibility Study:** Ms. Nguyen provided engineering support in development of horizontal and vertical alignments of roadways, and geometric layouts of traditional interchanges, with multiple bridges, alternative intersections, ramps, roundabouts, and HOV lanes to provide access to the Port of New Orleans. This project also involved an elevated railroad crossing of the Union Train Station in New Orleans. */ Design Engineer*
04/18 - 04/20	**H.013023: Rees St. (LA 328) Stage 0 Study (Design Study), St. Martin Parish, LA:** This project will provide a median divided section with roundabouts and bike lane and side path. Two alternatives were considered. / *Design Engineer*
06/13 – 09/20	**Stage 0 Feasibility Studies, Modern Roundabouts, SPN: H04490, Lafayette Metropolitan Area (Retainer):** Engineering in support of Stage 0 Scope and Budget Checklist for 24 separate roundabouts. This project focuses on the improvement of traffic flow and safety at each intersection & interchange. Mr. Andrepont provided concepts and cost estimates. */ Design Engineer*
09/15 - 10/17	**H.011454.1: LA 22 (Dalwill to Rodger Storm) Corridor Study (Contract No. 4400004064):** LA 22 Corridor Study Includes analysis of six roundabout geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates. *Engineer*
02/16 - 04/18	**H.011618.1: LA 22 (Rou Mar Nei to 1st) Corridor Study (Contract No. 4400004064):** LA 22 Corridor Study includes analysis of proposed roundabout interchange (6 roundabouts) geometry intersections. Project Engineer responsible for line and grade and cost estimates.
Career History	Ms. Nguyen has over 13 years of experience as a Roadway Design Engineer, including over six years working for LADOTD roadway design. She has completed numerous roadway construction plans, including roadway alignments, typical sections, cross sections, geometric details, graphical grades, drainage design, construction sequencing, striping, signing layout, and cost estimates. She also has completed countless interchange geometric layouts, roundabouts, and unconventional intersections following AASHTO and LADOTD design guidelines. She is experienced with feasibility studies, stage 0 reports, roadway concept layouts for traffic studies, develop high level cost estimates for multiple District Safety Investment Plans, and working with Contractors and LADOTD Engineers to ensure the project is constructed according to plans. She is Certified as a Work Zone Traffic Control Supervisor, Technician and Flagger.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Chance Shuckrow, PE**		Years of experience with this firm/employer	8	
Title	Project Engineer		Years of experience with other firm(s)/employer(s)	0	
Degree(s) / Years / Specialization			BS / 2014 / Civil Engineering		
Active registration number / state / expiration date			No. 0042746 / LA / 03/31/2025		
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Permitting Plans, Design; Meets MPR #3		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. Shuckrow is providing engineering design support. He has completed the drainage design for these projects and assisted with the review process. The task orders under this project are as follows: **Local Road Signing (Vermilion) (SPN. H.013014);** The project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. **Independence SRTS – Phase II (SPN. H.010108.1);** The project includes approximately 4,100 feet of sidewalks, storm sewer drainage system, handicap curb ramps, and signage along LA 40, N. Oak St. and Pine St. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes signage and striping for safety improvements along 30 Miles of roadway. **LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1)**; This project will provide safety improvements which include a road diet, new crosswalks, sidewalks, signage, and new pavement markings. The project limits are along Avenue B (LA 60), Plaza Street and Red Cross Plaza. **W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621);** This project will provide safety improvements which include 2,000 feet of sidewalks, pavement markings, signage, and storm sewer drainage along W. 11th Avenue between S. Tyler (LA 21) to S. Jefferson Avenue. **LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1);** This project will provide safety improvements (median modifications, pavement markings, signage) along S. Irma Boulevard and S. Purpera Avenue. **Downtown Greenway LA Connector (BR) (SPN. H.013751);** The project will provide sidewalks and shared lanes on Louisiana Ave. and Eddie Robinson Sr. Dr. The project scope includes adding sidewalks, replacing driveway pavement, installing plastic pavement striping, and ADA-compliant curb ramps. **LSU Laboratory School SRTS Project (SPR. H.009290);** This project includes shared use paths along Dalrymple Dr., sidewalks along Fraternity Dr., curb extensions, signage, striping and ADA-compliant handicapped ramps. **Local Road Signing (Ascension) (SPN. H.015011);** Project includes raised median installation, signage, and striping for safety improvements along 32 parish and local roadways in Ascension Parish.
8/17 – 8/20	US 71 (Barksdale Blvd) Streetscape Improvements Phase 1 Project constructed 1.5 Miles of sidewalk improvements and lighting to DOTD requirements. Plan and Profiles sheets were provided on aerial imagery with DOTD review and approval. Project Engineer
09/20 – Present	**H.011280.1: LA 10 Stage 0 Phase 2, Washington Parish, LA:** This project considers multiple alternatives along a 5.5 mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Mr. Shuckrow will provide roadway support and help with the cost estimate.
06/13 – 09/20	**Stage 0 Feasibility Studies, Modern Roundabouts**, SPN: H04490, Lafayette Metropolitan Area (Retainer) Engineering in support of **Stage 0 Scope and Budget Checklist** for **24 separate roundabouts**. This project focuses on the improvement of traffic flow and safety at each intersection & interchange. Mr. Shuckrow assisted with the review of the roadway design and cost estimates.

16. Staff Experience:

04/18 - 04/20	**S.P. No. H.013023: Rees St. (LA 328) Stage 0 Corridor Study (Design Study), St. Martin Parish, LA** – This project focuses on the overall improvement of safety along the corridor. He reviewed the proposed road alignment, several roundabout intersection, roadway widening with sidewalks and bike path and cost estimates the corridor in Breaux Bridge, LA.
11/15 – Present	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, Lafayette Consolidated Government (LCG). EA and Final Design.** Final Design of 2-mile four lane median divided roadway with 3 multilane roundabout intersections and a major bridge crossing the Vermilion River. Completed the vertical and horizontal alignments, modeled the project with Bentley software and completed the drainage design. Mr. Shuckrow serves as the engineer of record for this project assisting with the roadway design, **stage 0 feasibility study and EA**.
03/15 – Present	**St. Martinville Bypass (LA31) Environmental Assessment and Line and Grade Study in St. Martinville, LA (SPNH.004924.5)** Includes five roundabout geometry intersections at connections with state routes. Assisted in geometric design of roadway alternatives and in the development of horizontal and vertical profiles.
11/14 – 04/17	**US 190 Collins Boulevard Line and Grade Study for NORPC in St. Tammany Parish (SPN H.004987):** Includes ten roundabout geometry intersections. Assisted in geometric layout of roadway and design of horizontal and vertical profiles for line and grade study.
02/20 - Present	**I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA:** This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and four roundabouts. Mr. Shuckrow is providing design support. Mr. Shuckrow assisted with the drainage design and provided roadway design support.
08/14 – 05/19	**Juban Road (LA1026) Widening for Livingston Parish Government in Livingston, LA (SPNH.004634.5)** Final design for reconstruction of Juban Rd as a four-lane median divided roadway with multilane roundabouts intersections. Completed vertical and horizonal alignments and modeled the project with Bentley software, assisted with the drainage design and preparation of plans.
09/15 – Present	**Ham Reid Road at Lake Street Intersection Improvements, Calcasieu Parish, LA:** Project includes the final design of a multilane roundabout. Completed the roundabout design, drainage design, and developed plans.
06/18 – 03/20	**Move Ascension Project No. MA-18-03: LA 73 Turn Lanes at Brown Road/ LA 73 Turn Lanes at Oakland Drive:** Served as designer on project, working mainly on drainage design for 2 separate turn lane projects. Work included delineating existing drainage and design of new structures.
11/16 – 08/19	**LA 385 Stage 0 Feasibility Study:** This project focuses on safety improvements along the LA 385 corridor between LA 3186 south of I-10 to Eddy Street north of I-10. Mr. Shuckrow provided engineering design support.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Gary LeBlanc, PE**		Years of relevant experience with this employer	1	
Title	Project Engineer		Years of relevant experience with other employer(s)	23	
Degree(s) / Years / Specialization			BS / 1994 / Civil Engineering		
Active registration number / state / expiration date			No. 28220 / LA / 09-30-2023		
Year registered	1999	Discipline	Civil		
Contract role(s) / brief description of responsibilities			QA/QC (Design)		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
7/22 –Present	**Bossier Parish East West Corridor Traffic Study (S.P. H.003855) –** Project will construct a new 8 mile corridor with intersection improvements at existing LA 3, Airline Hwy, Swan Lake and Benton Rd. Engineer of record for the traffic study. Completed capacity analyses and alternative evaluation. Reviewed geometry provided for plan and profile sheets.
7/22 - Present	**Jimmie Davis Design Build (S.P. H.001779) –** Project proposes a new Red River Crossing for LA 511 and will reconstruct LA 511 from a 5 lane section to a 4 lane median divided roadway will sidewalks and shared use path. The existing bridge will remain and be turned into a linear park. Design of permanent Signing Layout
7/22 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. LeBlanc is providing engineering design support. He has assisted with the review process for these projects. The task orders under this project are as follows: **Downtown Greenway LA Connector (BR) (SPN. H.013751);** The project will provide sidewalks and shared lanes on Louisiana Ave. and Eddie Robinson Sr. Dr. The project scope includes adding sidewalks, replacing driveway pavement, installing plastic pavement striping, and ADA-compliant curb ramps. **LSU Laboratory School SRTS Project (SPR. H.009290);** This project includes shared use paths along Dalrymple Dr., sidewalks along Fraternity Dr., signage, striping and ADA-compliant handicapped ramps.
7/22 - Present	**I-20: LA 544 Overpass Replacement (Lincoln Parish) (SPR. H.010616);** This project will replace the LA 544 Overpass at I-20 with a new bridge with sidewalks and 4 roundabouts. Mr. LeBlanc completed geometric, signing, TTC and striping review for this project.
7/22 - Present	**I-10 & I-12 College Dr. Flyover Ramp Design-Build Project (S.P. H.013897.1);** Mr. LeBlanc completed the review for signing plans.
7/22 - Present	**Roundabout- W. Broussard at Duhon Rd. (LCG PR. 1806);** This project includes improvements to the intersections with the design of a roundabout and drainage. Mr. LeBlanc completed the geometric review for this project.
7/22 - Present	**E. Milton Ave. Improvements Project;** This project includes the design of a roundabout and drainage at the intersection of E. Milton Ave. and Chemin Metairie Pkwy. Project includes bike and ped improvements. Mr. LeBlanc completed the geometric review for this project.
7/22 - Present	**Chemin Metairie Pkwy. at Guillot Rd. Improvements;** This project includes improvements to the intersection with the design of a roundabout and drainage. Mr. LeBlanc completed the geometric review for this project.
12/12 – 08/22	Design Development Engineer Manager – LADOTD • Manages a staff of Engineering Interns, Design Engineers and Engineer Technicians. Primary roles of the section includes geometric design, striping, temporary traffic control and traffic management plans.

16. Staff Experience:

	• Assists with the development of standard plans and engineering directive and standards for highway agency in the expertise of geometric design, complete streets, temporary traffic control, roundabouts and pavement markings. • Engineer of record for Louisiana Department Of Transportation's Pavement Marking Standard Plans and Temporary Traffic Control Standard Plans. • Project Manager for Statewide Low-Cost Safety Improvement Signing and Statewide Traffic Control Upgrades. • Member DOTD Work Zone Task Force and Design Guidelines Committee.
04/07 – 12/12	HPMS/Highway Needs Engineer – LADOTD • Maintained the Highway Needs database and prepared the annual Highway Needs report to the Louisiana legislature. The Highway needs information is used as an aid to select projects in the DOTD highway program. • Administered and developed the Highway Performance Monitoring System for DOTD. Prepared and submitted the annual HPMS Report to FHWA. The HPMS system is used by FHWA in various appropriation formulas which helps determine Louisiana's apportionment of the federal highway funds.
1999 – 04/07	Design Engineer – LADOTD • Technical expert in selecting, designing, providing and maintaining criteria and methodology relative to the MUTCD and AASHTO Geometric Guidelines to ensure that most current concepts will be applied to Department's policies and design standards. Primary responsibilities included geometric design, capacity analysis, traffic studies, interstate signing projects, feasibility studies, scope of services negotiations, man-hour/ cost estimates, and plan reviews. • Engineer of Record for LADOTD Standard Plans SC-01 and SC-02 and Member of LADOTD Design Guidelines Committee.
06/94 – 1999	Engineer Intern – LADOTD • Conducted capacity analysis and prepared intersection geometry layouts. • Reviewed roadway and bridge plans to determine if LADOTD and AASHTO standards and policies are adequately followed and drafted letters detailing the results of the review and offer corrective measures. • Prepared and updated construction cost estimates. • Responsible for developing construction plans to permanently sign or replace signing on controlled access highways statewide.
Certification and Continuing Education	DOTD Traffic Engineering Analysis Process and Report Modules 1,2 & 3 – 2022 , 2023 ATSSA Design of Temporary Traffic Control for Pedestrian Accommodations – 2020 ATSSA Traffic Control Supervisor - 2015 DOTD Complete Streets Part 1 – 2018 NHI – Modern Roundabouts Intersections Designed for Safety- 2020 NHI – National Environmental Policy Act (NEPA) and Transportation Decision Making -2016 NHI – Roadside Safety Design Guide -2003 DOTD – Traffic Control Maintenance Work Areas AASHTO Subcommittee on Design - 2013, 2006 FHWA – Highway Information Seminar – 2007, 2006 NE Roundabouts – Roundabout Design Workshop - 2013 ITE - Complete Streets Design Implementation for Professionals Workshop – 2015 Highway Capacity Workshop – Northwestern University - 1998

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Ronald Kirk Gallien, PE, PTOE**		Years of experience with this firm/employer	3.7	
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 0023428 / LA / 09-30-2023; PTOE No. 1288		
Year registered	1989	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Technical Assistance and Bike/Ped Plan 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 time specified in the applicable MPR(s).
	LTAP Local Road Safety program application and safety study: While employed at Neel-Schafer, he completed pre-applications for funding through LTAP Local Road Safety program for the City of Monroe. These applications included a total of 8 projects at 22 locations that were identified based on a city-wide safety study Neel-Schaffer completed for Monroe. Project manager for the safety studies
1994 – 2007	**DOTD District 05 – District Traffic Operations Engineer**
	• Performed numerous traffic studies and composed numerous traffic engineering reports which included analysis of traffic operations, warrants analysis for the installation of new traffic signals, designing new traffic signal installations, designing timing plans for new traffic signals or modifications to existing traffic signals, designing new and modified signing, designing new and modified pavement markings, establishing new speed limits, and modifying existing speed limits. • Annually investigated and analyzed existing traffic control devices at locations identified as having a high potential for safety improvement. Recommended and implemented modifications to improve traffic operations and safety at these locations. • Coordinated and supervised the design of timing plans to upgrade all traffic signals in District 05 (approximately 275) from electromechanical to electronic controller operations. Coordinated and supervised upgrades to these traffic signals in accordance with new timing plans. • Reviewed access connection plans and site plans. Worked closely with private developers and public entities regarding access to proposed developments to ensure conformance with all DOTD standards. • Completed construction lay-out of pavement markings on numerous highway construction projects, including centerline passing/no passing zone markings on overlay projects. • Served as the legal expert in Traffic Engineering for District 05. Responded to numerous interrogatories and requests for production, provided numerous depositions, and testified in court on a number of occasions. **Projects:** • Computerized Traffic Signal System in District 05 (State Project No's. 015-31-0043 & 016-01-0034) – Reviewed consultant plans regarding design of a new closed loop traffic signal system to ensure compliance with all DOTD standards and provided technical assistance to the consultant during design of the project. Provided technical assistance to construction personnel during the installation of new traffic signal and signal communication field equipment. After completion of the project, implemented and utilized the computerized traffic signal system to manage traffic operations on US 165. • I-20 Elevated Section Rehabilitation Ouachita Parish (State Project No's. 451-06-0121 & 451-06-0139) – Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project. • I-20 Mississippi River Bridge Modifications – Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.
2007 – 2014	**DOTD District 05 – Assistant District Administrator of Operations**

16. Staff Experience:

2018 – 2020	
	• Supervised Traffic Engineering and Operations, district-wide roadway maintenance, bridge inspection and maintenance, and roadside development activities in District 05. • Administered all contract maintenance activities in District 05. • Reviewed traffic impact studies and reviewed and approved access connection, utility, and project permits in District 05. • Planned, managed, and directed all emergency response activities in District 05, which included emergency response, temporary and permanent repairs, and recovery related to hurricanes, flooding, tornados, and winter weather events.
2014 – 2018	**DOTD Headquarters – Assistant Secretary of Operations**
2020 – Present	**Neel-Schaffer, Inc. - Senior Project Manager**
	• Completed traffic studies and prepared written Traffic Engineering reports. Specific duties performed for traffic engineering studies included compiling filed data, performing peak period observations, performing warrants analyses, performing capacity analyses, QA/QC of field data and analyses, forming conclusions and recommendations based on the results of analyses, and preparation of technical reports. These studies included developments such as a 600-student middle school, a 400-student charter school, commercial subdivisions, and a 650-unit student housing facility near Louisiana Tech University. Additionally, traffic studies and Traffic Engineering written reports included evaluations at numerous intersections to determine if a new traffic signal is warranted, if modifications to existing traffic signals or traffic control are warranted, if modifications to signing is warranted, and if modifications to pavement markings is warranted. • Compiled field data and assisted with analysis of data and preparation of a written report to create the District 05 Safety Investment Plan for DOTD District 05, 4400010504, Task Order No. H.014295.1. This included analysis of crash data, determination of crash patterns, determination of appropriate safety countermeasures, benefit/cost analyses, compilation of results, and compilation of recommended safety improvements for 32 state and local segments as well as 99 state and local intersections. • Prepared Level 4 Transportation Management Plan for the I-10 and I-12 College Drive Flyover Design Build project, H.013897.6. Preparation of the Transportation Management Plan included identifying the scope, goals, and constraints of the project, performing traffic and safety analyses, and assessing detour routes to effectively manage traffic during the project. Assisted with developing plans for stakeholder and public involvement during the project as well as the development of plans for maintenance of traffic, temporary traffic control, and work zone management strategies to be implemented during the project. • For the Garrett Road-Kansas Lane Connector project, H.007300, assisted in preparation of a Level 4 Transportation Management Plan. Assisted with the design of temporary traffic control, design of temporary traffic signal operations, and design of temporary and permanent traffic signal construction required for the project. Reviewed plans and performed QA/QC for temporary and permanent traffic signals and temporary and permanent traffic control throughout the entire project limits.
Certifications	• Professional Traffic Operations Engineer • Traffic Engineering Process and Report (Modules 1, 2 & 3) – DOTD • Safety Inspection of In-Service Bridges – National Highway Institute • National Incident Management System – FEMA • Crash Investigation and Reconstruction – Northwestern University

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Charles Adams, P.E., PTOE**		Years of experience with this firm/employer	15	
Title	Senior Project Engineer		Years of experience with other firm(s)/employer(s)	13.5	
Degree(s) / Years / Specialization			B.S. / 1992 / Civil Engineering		
Active registration number / state / expiration date			PE 0027440 / LA / 9-30-2023; PTOE No. 878		
Year registered	1997	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic/Bike/Ped Development		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
	Monroe Streetscape Improvements: This project included streetscape improvements between Forsythe Ave. and Louisville Ave. in the city of Monroe, LA. Mr. Adams provided QA/QC. Alternatives included road diets, shared lanes, paths, sidewalks, landscaping, curb extensions, bike lanes and more.
	Project #17600 – Lafreniere Park Bike Path Study: Project considered improvements along N. Scenic Dr, Park Manor, Madewood Dr. Traffic data collection, analysis and alternatives were proposed for new bike path, traffic calming and roundabout.
	Project #17688 – Legacy Elem School Ped Assessment: Project determined practical pedestrian access routes from subdivisions to the school. limits included Legacy Elementary School and all surrounding neighborhoods in Bossier City.
07/13 – 09/15	**US 71 Corridor Study – Bossier City, LA:** Traffic study of US 71 from Barksdale Blvd. to Curtis Sligo Rd. to evaluate existing conditions, a no build condition and 2 alternatives considering J-turns, median closures, and driveway reductions/connectivity. *Sr. Project Manager*
04/15 – 05/15	**Swan Lake Rd Transportation Master Plan – Bossier City, LA:** NSI will evaluate roadway options to improve the flow of traffic in and around the intersection of Swan Lake Road and Modica Lott, from I-220 to Tiburon as well as explore options to improve the existing roadway network between Swan Lake Road and Airline Drive. *Sr. Project Manager*
03/11 – 08/14	**I-10 French Branch Bridge-W. Pearl River Bridge – Slidell, LA:** I-10 French Branch Bridge at W. Pearl River Bridge temporary traffic control plans. *Sr. Project Manager*
12/13 – 07/14	**Tarbutton Road Interchange – Ruston, LA:** NSI performed all necessary analyses for the proposed I-20 Interchange with Tarbutton Road for the City of Ruston, LA. *Sr. Project Manager*
07/16 – Present	**I-49 at Verot School Rd – Lafayette, LA:** Prepared TTCP and TMP
08/12 – 03/19	**LA 1026 (Juban Rd) Widening – Livingston Parish, LA:** Highway widening project with roundabouts. Prepared TCP
12/17 – Present	**Southcity Parkway Extension - Lafayette, LA:** This project will construct a new 1.7 – mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. The roadway and drainage design is being completed in conformance with LADOTD guidelines. Includes 5 multilane roundabouts. *Mr. Adams is providing the Traffic Control Plans*.
08/08 – 08/12	**LA 33 Roundabout Study – Ruston, LA:** NSI provided a completed Traffic Study related to the proposed roundabouts at LA 33 and I-20 WB off-ramp and I-20 at the I-20 EB off-ramp in Ruston, LA. *Sr. Project Manager*
08/20 – Present	**St. Vincent Avenue at 84th Street, Signal and Sign Design**, Shreveport, LA
01/19 – 03/20	**LA 3 at Walter O Bigby Carriageway and US 79 at Hamilton Road, Signal and Sign Design**, Bossier City, LA
03/20 – 07/20	**Tower Drive at Bienville Drive, Signal, Signs, and Striping Design**, Monroe, LA
01/20 – 04/20	**Swan Lake Road at Innovation Drive and Swan Lake Road at Modica Lott Road, Signal and Sign Design,** Bossier City, LA

16. Staff Experience:

03/19 – 06/19	**Airline Drive at Linton Road, Signal Modifications**, Bossier, LA
06/18 – 11/18	**Kingston Road at Fairburn Avenue, Signal and Sign Design**, Bossier City, LA
09/17 – 06/18	**LA 33 at Celebrity Drive, Signal and Sign Design**, Ruston, LA
08/17 – 12/17	**Airline Drive at Wemple Road, Signal Modifications, Bossier, LA**
04/16 – 02/17	**Shed Road at Hickory Ridge and Shed Road at Stockwell Road, Signal and Sign Design**, Bossier City, LA
08/12 – 01/17	**Kings Highway Signal System Upgrade,** Shreveport, LA
03/15 – 02/16	**US 171 at Ardis Taylor, Signal and Sign Design**, Shreveport, LA
08/15 – 10/15	**US 167 at Hudson Avenue, Signal and Sign Design**, Jackson, LA
04/15 – 10/15	**LA 523 at Camp Forbing Drive, Signal and Sign Design**, Shreveport, LA
01/15 – 11/15	**LA 3105 Dist 04 Signal Timing Study**, Bossier City, LA
Career History	Mr. Adams has nearly 30 years' experience in the area of Traffic Data Collection, Traffic Signal Timing, Traffic Signal Design, Traffic Operations, Traffic Safety, ITS and Transportation Engineering. He manages a wide range of local and regional projects that vary in complexity from **developing traffic control plans for major construction projects** and traffic signal timing plans to performing roundabout feasibility studies and other traffic related studies for both public and private clients. Prior to joining Neel-Schaffer, Inc. Mr. Adams was employed by the Louisiana Department of Transportation and Development (LA DOTD) where he served as the State Traffic Engineer. Mr. Adams has extensive experience with managing and developing plans for traffic signals, traffic controls, and intersection improvements as well as performing roundabout analyses and Stage 0 Traffic Studies.
Certifications	Certified in Work Zone Traffic Control Supervisor, Technician and Flagger

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Jacob Thiaville, EI**		Years of relevant experience with this employer	>1	
Title	Project Engineer / Planner		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2022 / Civil Engineering		
Active registration number / state / expiration date			EI 35368 / LA / 9.30.23		
Year registered	2023	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Feasibility Report/ Road Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
4/23 – present	**Feasibility Report - Ascension Parish Signing and Striping, Ascension Parish, LA:** Completed feasibility study, assisted in the creation of aerial exhibits displaying the project limits and crash data for 56 miles of roadway including 44 sites. Completed summary of estimated quantities and cost estimate for required signing and striping quantities. Developed man hour estimate/cost and anticipated schedule for engineering services.
11/22 – present	**East West Corridor Winfield Rd Ext.:** Created Concept Typical Sections, Created Templates to Run Model, Created Corridor and Surface, Set up Limits of Construction and Req'd ROW, Created Concept Plan/Profile Sheets and Cut Sheets, Created Traffic Graphics for ADT and Queue Lengths. TOOLS: Inroads SS2 Modeler (Create Template and Roadway Designer), Inroads Surface, Copying 1300x400' Clipping boundary and Trimming
05/22 – 02/23	**Iberia Parish Signing and Striping, Iberia Parish, LA:** Created CL Alignment, Completed all Regulatory Signing and Quantities Located all existing regulatory signs and determined if they needed to be relocated, removed or replaced. Determined Type and Size of Sign from MUTCD, Quantified all Regulatory Sings for Urban and Rural Areas. Tools: InRoads alignment tracking, Excel, MicroStation, MUTCD, Google Earth, LA Tax Assessor
05/22 – 05/23	**Downtown Connector-BR Sidewalk, Greenway, LA:** Quantities and Basic Drafting. Completed all quantities and summary sheets. Tools: InRoads alignment tracking, Excel, Google Earth
05/22 – present	**LSU Lab School SRTS Sidewalk Project:** Quantities and Basic Drafting. Completed all quantities and summary sheets. Tools: InRoads alignment tracking, Excel, Google Earth
10/22 – present	**E Milton Ave Roundabout @ Chemin Metairie Rd, Youngsville, LA:** Inlet Spacing and Pipe System, Proposal RAB Layout (Transition Lengths), Utility Coordination, PP Drafting. Creating Drainage Areas in Cut and Fill, Finding Runoff Coefficients using the Rational method, designing pipe networks to accommodate constraints, Laid out a RAB to help with man hour estimate, created utility conflict matrix spreadsheet and proposed utility layout (plan) to show what utilities need to be relocated. Project includes ped improvements. Tools: InRoads ss10, RAB Layout Guide Sheet, AASHTO, DOTD Roadside Design Manual, HYDRWIN, Excel, Hydraulics Manual, Rational Method Spreadsheet.
05/22 - present	**W Broussard Roundabout @ Duhon Rd, Lafayette, LA:** Inlet Spacing and Pipe System (1st Time), Basic Plan/Profile Drafting Including (focus on Inlet Spacing): CB-06, CB-08, low points, Stations, Drainage Areas, Same experience as E Milton Tools: InRoads ss10, HYDRWIN, Excel, Hydraulics Manual, Rational Method Spreadsheet
07/22 – present	**Eden Isles Roadway, HWY 11 and Lakeview Dr**: Assisted with Proposal Design Alternatives. Assisted drafting 3 Alternative Designs with U Turn Bulb outs for PC and WB67 vehicles, Annotating the sheets for stage 0. Tools: InRoads ss2, DOTD Roadside Design Manual, AASHTO

16. Staff Experience:

08/22 – present	**Chemin Metairie Pkwy @ Guillot Rd (Roundabout)**: Basic Drafting, Sequence of Construction Temporary Signing and AutoTURN. Using MUTCD and standard plans to come up with temporary signing layout for construction phases, running AutoTURN with WB67 design vehicle through all the phases of construction. Tools: InRoads ss2 alignment tracking, MUTCD, LaDOTD Standard Plans, AutoTURN
01/23 – present	**I-49 at Verot School Rd Interchange Design:** Completed Concrete Joint Layout for interstate ramps and turnouts, Used OpenRoads Sign CAD to create interstate guide signs. Tools: Openroads SignCAD, MUTCD, DOTD Sign Manual, SignCAD user guide, google earth, excel, La DOTD Standard plans
05/22 - present	**LA 544 and I20 (Overpass Replacement 4 RAB):** Signing Quantities and Basic Drafting. Checking Sign Quantities and Basic Mark Ups, Project was near completion when I arrived Tools: InRoads ss2 alignment tracking, Excel, MicroStation, MUTCD
Career History	Jacob recently joined our New Orleans office as an Engineer Intern working in our Transportation Department. Jacob was an intern in the Baton Rouge office from May 2022 through December 2022. After graduating in December from Louisiana State University with a Bachelor of Science in Civil Engineering, Jacob joined the firm on a full-time basis.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Stephen Perault**			Years of experience with this firm/employer	5
Title	Senior Technician			Years of experience with other firm(s)/employer(s)	33
Degree(s) / Years / Specialization			N/A		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. Perault has assisted with the roadway plan production and design for these projects. The task orders under this project are as follows: **Local Road Signing (Vermilion) (SPN. H.013014);** The project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. **Independence SRTS – Phase II (SPN. H.010108.1);** The project includes approximately 4,100 feet of sidewalks, storm sewer drainage system, handicap curb ramps, and signage along LA 40, N. Oak St. and Pine St. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes signage and striping for safety improvements along 30 Miles of roadway. **LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1)**; This project will provide safety improvements which include a road diet, new crosswalks, sidewalks, signage, and new pavement markings. The project limits are along Avenue B (LA 60), Plaza Street and Red Cross Plaza. **W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621);** This project will provide safety improvements which include 2,000 feet of sidewalks, pavement markings, signage, and storm sewer drainage along W. 11th Avenue between S. Tyler (LA 21) to S. Jefferson Avenue. **LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1);** This project will provide safety improvements (median modifications, pavement markings, signage) along S. Irma Boulevard and S. Purpera Avenue. **Downtown Greenway LA Connector (BR) (SPN. H.013751);** The project will provide sidewalks and shared lanes on Louisiana Ave. and Eddie Robinson Sr. Dr. The project scope includes adding sidewalks, replacing driveway pavement, installing plastic pavement striping, and ADA-compliant curb ramps. **LSU Laboratory School SRTS Project (SPR. H.009290);** This project includes shared use paths along Dalrymple Dr., sidewalks along Fraternity Dr., curb extensions, signage, striping and ADA-compliant handicapped ramps. **Local Road Signing (Ascension) (SPN. H.015011);** Project includes raised median installation, signage, and striping for safety improvements along 32 parish and local roadways in Ascension Parish.
8/17 – 8/20	US 71 (Barksdale Blvd) Streetscape Improvements Phase 1 Project constructed 1.5 Miles of sidewalk improvements and lighting to DOTD requirements. Plan and Profiles sheets were provided on aerial imagery with DOTD review and approval. Designer
08/15 - 12/16	**H.010572.1: Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44) in Ascension Parish for LADOTD:** This project included a tiered analysis which analyzed 20 interchange types for the LA 30 and I-10 interchange. Assisted with the geometrics, and cost estimates.
08/15 – present	**H.011279.1: Stage 0 Feasibility Study LA 328 (Latiolais Drive to Julie Street):** Assisted in concept layouts and cost estimate. This project considers multiple alternatives along a 5.5-mile portion of LA 10. includes roundabouts, additional capacity, access management, couplets and more.

16. Staff Experience:

08/15 - Present	**H.011242.1: Stage 0 Feasibility Study and Environmental Inventory for LA 384 (Big Lake Road to McNeese Street) in Calcasieu Parish for LADOTD:** Assisted with layouts and cost estimates.
06/18 – Present	**I-49 South at Verot School Road, Lafayette, LA S.P. H.011235.5:** This project will construct 2.4 miles of mainline freeway, an interchange at the intersection of I-49 South/US 90 and Verot School Road, and a roundabout. Neel-Schaffer is serving as the subconsultant for this project and designing the mainline and frontage roadways and associated drainage. Neel-Schaffer is also completing the traffic design and TMP. Mr. Perault is assisting in the design and plan production for this project which includes the BNSF railroad crossing overpass at Verot School Road.
01/05 – 07/07	**Denham Springs, Watson, Denham Springs, LA**: Designed the roadway for the widening of LA 16 from two to four lines. Responsible for the development of preliminary and final roadway plans and prepared construction cost estimate.
01-19 – 12-19	**LA 73 (Old Jefferson Highway) Turn Lanes, Ascension Parish, LA**: This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. Mr. Perault is assisting in the design and plan production for this project. The design is being completed in accordance with LADOTD guidelines.
02/20 - Present	**Route I-20, I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:** Mr. Perault is assisting in the design and plan production for this project. This project begins North of the LA 544 and Woodward Avenue intersection and ends South of LA 544 and Gains Avenue intersection. It will replace the LA 544 Overpass diamond interchange with a double roundabout interchange. The project includes a new bridge over I-20 with sidewalks and four multilane roundabouts.
Career History	Mr. Perault has almost 40 years' experience in roadway design which includes the design of interchanges, new urban and rural roadways, widening for existing corridors, intersection improvements, as well as over 25 roundabout projects. He has completed work for State, Parishes and industry. His project experience at LADOTD includes: **US 190: Roundabout at Eden Church RD.** S.P. H.000466: Project included a 3-legged Roundabout at the intersection of US 190 and Eden Church Rd. Responsible for the design and development of preliminary and final roadway plans, and prepared the construction cost estimate. **LA 637: Port of S. Louisiana Connector** S.P. H.008322: Responsible for the design and development of preliminary and final roadway plans for the widening of LA 637 from 2 to 3 lanes and prepared the construction cost estimate. **Existing 3-Lane to Contraband Bayou Bridge** S.P. H.003969: Designer of the preliminary and final roadway plans that involved the widening on LA 1138-2 from 2 to 3 lanes and a 3-legged Roundabout at the intersection of Holly Hill Road and LA 1138-2 and assisted with the construction cost estimate. **LA 16 Widening, Denham Springs – Watson** S.P. 262-02-0023: Designed the roadway for the widening of LA 16 from 2 to 4 lanes. Responsible for the development of preliminary and final roadway plans and prepared construction cost estimate.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Phil Graves, PE**		Years of relevant experience with this employer	1	
Title	Senior Project Manager		Years of relevant experience with other employer(s)	25	
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering		
Active registration number / state / expiration date			No. 29640 / LA / 09-30-2023		
Year registered	07-10-2001	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			QA (Construction Support)		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. Graves has assisted with the review process for these projects. The task orders under this project are as follows: **Local Road Signing (Vermilion) (SPN. H.013014);** The project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. **Independence SRTS – Phase II (SPN. H.010108.1);** The project includes approximately 4,100 feet of sidewalks, storm sewer drainage system, handicap curb ramps, and signage along LA 40, N. Oak St. and Pine St. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes signage and striping for safety improvements along 30 Miles of roadway. **LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1)**; This project will provide safety improvements which include a road diet, new crosswalks, sidewalks, signage, and new pavement markings. The project limits are along Avenue B (LA 60), Plaza Street and Red Cross Plaza. **W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621);** This project will provide safety improvements which include 2,000 feet of sidewalks, pavement markings, signage, and storm sewer drainage along W. 11th Avenue between S. Tyler (LA 21) to S. Jefferson Avenue. **LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1);** This project will provide safety improvements (median modifications, pavement markings, signage) along S. Irma Boulevard and S. Purpera Avenue. **Downtown Greenway LA Connector (BR) (SPN. H.013751);** The project will provide sidewalks and shared lanes on Louisiana Ave. and Eddie Robinson Sr. Dr. The project scope includes adding sidewalks, replacing driveway pavement, installing plastic pavement striping, and ADA-compliant curb ramps. **LSU Laboratory School SRTS Project (SPR. H.009290);** This project includes shared use paths along Dalrymple Dr., sidewalks along Fraternity Dr., curb extensions, signage, striping and ADA-compliant handicapped ramps. **Local Road Signing (Ascension) (SPN. H.015011);** Project includes raised median installation, signage, and striping for safety improvements along 32 parish and local roadways in Ascension Parish.
10/09 – 04/12	I-55 Rehabilitation, Tangipahoa Parish, LA. CLIENT Area Engineer. As Area Engineer helped oversee four separate projects that rubbilized and overlaid Interstate 55 from US 51 (Morrison Boulevard) to the Mississippi state line. The rubbilization process is a complex technique that breaks existing concrete into small pieces, creating a better base for the asphalt overlay.
02/15 – 02/16	I-12 Interchange Improvements, Tangipahoa Parish, LA. CLIENT Area Engineer. Converted the conventional signalized on/off ramps of I-12 at US 51-X to roundabout configurations (two total) and installed a roundabout at the intersection of US 51-X and Club Deluxe Road.
02/15 – 04/16	LA 637 (W. 10th Street) Widening Project, St. John the Baptist Parish, LA, CLIENT Area Engineer. Provided widening services for LA 637 from US 61 (W. Airline Hwy) to LA 44 (River Road, including new subsurface drainage system.

16. Staff Experience:

11/10 – 11/11 08/16 – 08/17 10/19 – 05/22	Safety Cable Barrier Installation Projects, Tangipahoa, St. John the Baptist, and Livingston Parishes, LA, CLIENT Area Engineer. Area Engineer for three separate projects that installed safety cable barriers along I-12, I-10, and I-55 in Tangipahoa, St. John the Baptist, and Livingston parishes.
01-03 – 12/04	LA 964 Widening, East Baton Rouge Parish, LA. CLIENT Project Engineer. Project Engineer for this project that reconstructed and realigned LA 964 from US 61 (Scenic Hwy) to LA 64 (Church Street).
08/02 – 12/04	Intelligent Transportation Systems (ITS), Phases 1 and 2, East Baton Rouge Parish, LA, CLIENT Project Engineer. Project Engineer for two separate projects that installed ITS devices, fiber, and buildings and tied it in to the Transportation Management Center (TMC).
03/05 – 06/06	US 61 (Airline Hwy) Intersection Improvements, East Baton Rouge Parish, LA, CLIENT Project Engineer. Project Engineer for this intersection conversion project. Converted the conventional 4-way signalized intersection to a Continuous Flow Intersection (CFI) at LA 3246 (Siegen Lane).
08/06 – 08/07	LA 19 (Main Street) Widening Project, East Baton Rouge Parish, LA. CLIENT Project Engineer. Project Engineer for project to widen LA 19 from Lavey Lane to Wimbish Drive.
03/06 – 03/07	US 61 (Airline Hwy) Widening Project, East Baton Rouge Parish, LA. CLIENT Project Engineer. Widened US 61 from LA 73 (Jefferson Hwy) to US 190 (Florida Blvd).
12/06 – 01/09	LA 946 (Joor Road) Widening, East Baton Rouge Parish, LA, CLIENT Project Engineer. Project Engineer for this project to reconstruct and realign LA 946 from Mickens Road to LA 408 (Hooper Road), including the construction of a new bridge over the Comite River
10/09 – 02/12	I-55 Rehabilitation, Tangipahoa Parish, LA, CLIENT Area Engineer. Helped oversee four separate projects that rubbilized and overlaid Interstate 55 from US 51 (Morrison Boulevard) to the Mississippi state line. The rubbilization process is a complex technique that breaks existing concrete into small pieces, creating a better base for the asphalt overlay.
Career History	Mr. Graves joined Neel-Schaffer in 2022and serves as a Senior Project Manager based in the firm's Baton Rouge (LA) office. Phil joined Neel-Schaffer shortly after retiring from the Louisiana Department of Transportation and Development after 25 years of service, the last 13 as the District 62 Area Engineer in Livingston and St. Helena parishes. He will be a part of Neel-Schaffer's Louisiana Transportation Department, providing quality assessment/quality control and constructability reviews. He will also help the firm expand and develop its Construction Engineering and Inspection services throughout Louisiana in both the Transportation and Water Resources sectors. Phil has extensive experience in laboratory sampling and testing, roadway and bridge construction oversight and management, roadway and bridge maintenance management, roadway structure design, and roadway preservation management

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Vijay Kunada, PE, PTOE, PTP**		Years of experience with this firm/employer	17.5	
Title	Vice President		Years of experience with other firm(s)/employer(s)	4.5	
Degree(s) / Years / Specialization			BS / 1999 / Civil Engineering; MS / 2001 / Civil Engineering; MS / 2002 / Computer Science		
Active registration number / state / expiration date			PE 0032145 / LA / 03-31-2024; PTOE No. 2868 / 04-30-2025		
Year registered	2006	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Studies/Traffic Modeling / Forecasting Review		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/20 – Present	**MRB South GBR: LA 1 to LA 30 Connector, S.P. No. H.013284, As** Mesoscopic Modeling Lead, Mr. Kunada is oversaw the development of regional mesoscopic model using Dynameq software and the analysis of proposed MS River bridge concepts under toll and non-toll options. Calibrated and validated 2019 base mesoscopic model, 2042 no-build model and 2042 build models for 20 bridge alternatives were developed and approved LADOTD. Model results were used as one of the criteria to select the final three alternatives to bring into the environmental planning process. Phase 2 of the study which includes detailed traffic analysis is currently under contracting process.
10/21 – Present	**MOVEBR's College Drive Enhancement Project, Baton Rouge, LA**: Mesoscopic Modeling (Dynameq) Lead to analyze several off and on corridor concepts considered in the vicinity of College Drive between Perkins Road and I-10. These concepts were modeled to determine which concept, or group of concepts, would result in the most improvements within the study area.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA** (H.013897) Mesoscopic Modeling Lead for the analysis of Transportation Management Plan (TMP) for the proposed College Drive Ramp improvements. TMP was prepared for the various maintenance of traffic (MOT) phases. Vijay is leading the Dynameq (Mesoscopic Modeling) modeling for evaluating various MOT strategies and completed the modeling of MOT Phase 1.
08/16 – 10/18	**I-10 Mobile River Bridge and Bayway Widening, Mobile, AL (DPI-0030(005))** As IMR Lead, Mr. Kunada oversaw the development of IMR from data collection phase through the approval of IMR by FHWA on October 3, 2018. Tasks included traffic forecast for toll and non-toll options, analysis of the proposed Mobile River Bridge and the widening of the Bayway using Synchro/HCS, as well as the proposed modifications to the interchanges within the study area including Diverging Diamond Interchange (DDI) configurations at three locations, VISSIM modeling for analyzing complex weave conditions and the development of IMR in accordance with ALDOT guidelines and FHWA Policy Points.
12/18 – 02/19	**I-635 LBJ East Alternative Technical Concepts, Dallas, TX: Project Manager –** Lead the traffic analysis and refinement of the Alternative Technical Concepts (ATC) proposed for three interchanges associated the I-635 LBJ East Project in Dallas, TX. Freeway elements, ramp terminals and frontage roads were analyzed for the original build concept and the proposed ATCs and demonstrated the effectiveness of the proposed ATCs over the original build concept.
03/17 – 12/17	**I-210 Bridge Traffic Impact Study, Calcasieu Parish, LA:** Project Manager. Managed a traffic study to develop a preferred alternative by analyzing the impacts of various I-210 bridge closure alternatives, and to develop recommendations to manage the expected congestion related to the planned rehabilitation of I-210 bridge over Prien Lake in Lake Charles, Louisiana. Developed project specific travel demand model to model and understand the impacts of bridge closure scenarios.

16. Staff Experience:

11/15 – 03/19	**I-49 Interchange Improvement at US 190 and LA 31, St. Landry Parish, LA:** Tasks included the development of existing and future traffic projections and the development of corridor concepts using the Access Management (AM) strategies, road diet options and innovative intersection configurations such as R-Cuts, J-turns and Roundabouts. LA (LADOTD Project No: H.011243.1): Role: Project Manager
10/13 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1)** As Traffic Forecast Lead, Mr. Kunada managed the development of future traffic forecast for the study using the CRPC Travel Demand model (TransCAD) and considered future interchanges at I-10 and LA 74 and LA 429.
09/20 – 06/21	**MOVE 2046 Demographics and Travel Demand Model (TDM) Update** (State Project No. H.972353): Mr. Kunada managed the development of tour based regional travel demand model (TransCAD) along with a land use allocation model for scenario planning and development of regional demographics. This is the latest model that should be used for all traffic forecasting within the Baton Rouge MPO area. Mr. Kunada also managed the development of all TDMs for the Baton Rouge MPO area since 2006.
09/19 – 12/20	**Monroe (LA) 2045 Metropolitan Transportation Plan (Connecting Ouachita 2045) (**State Project No. H.972323.1**):** As Project Manager, Mr. Kunada oversaw the development of performance based multi-modal long range transportation plan with detailed regional freight component. Tasks also included travel demand model (TransCAD) development using big data sources, demographic forecasting, detailed multi-modal operational and safety needs analysis with robust public and stakeholder engagement element.
05/14 – 03/16	**LA 73 Stage 0, Prairieville, LA – Traffic & Safety Study (S.P. H.011160.1)** As Traffic Forecast Lead, Mr. Kunada managed the development of future traffic forecast for the study using the CRPC Travel Demand model and considered future interchanges at I-10 and LA 74 and LA 429.
10/14 – 11/16	**Interstate 10 at Ambassador Caffery Pkwy Interchange Stage 0 Study:** Project Manager for Traffic Analysis. Tasks included the development of existing and future traffic projections, safety analysis and development of future interchange conceptual geometry to improve safety and accommodate future traffic demands. AM strategies include channelized turn lanes, raised medians, RCUTs, limited access driveways. (LADOTD Project No: H.004492.1)
10/13 – 09/18	**Roundabout Stage 0 Feasibility Studies at Various Intersections, Lafayette, LA:** Completed 23 roundabout studies using LADOTD Stage 0 and Roundabout Policy. (LADOTD Project No: H.004490) Role: Project Manager
11/15 - 02/19	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, LA:** Environmental Assessment developed in conformance with USCG guidance, engineering line and grade and technical environmental studies supporting the design and construction of Southcity Parkway extension from current terminus west of the Vermillion River to Kaliste Saloom Road including a crossing of the Vermillion River, which is a navigable waterway. Project Engineer responsible for traffic forecast and analysis, including three roundabout geometry intersections.
02/13 – 02/17	**Interstate 10 at Grand Prairie Hwy Interchange Justification Study:** Role: Task Manager for Traffic and Safety Analysis and developing the IJR report (LADOTD Project No: H.003763). Mr. Kunada led the traffic study from traffic forecasting to analysis of prosed alternatives including the no-build and build scenarios. He also led the safety analysis of the proposed alternatives using ISATe tool.
09/19 – 12/20	**Monroe (LA) 2045 Metropolitan Transportation Plan (Connecting Ouachita 2045) (**State Project No. H.972323.1**):** As Project Manager, Mr. Kunada oversaw the development of performance based multi-modal long range transportation plan with detailed regional freight component. Tasks also included travel demand model development using big data sources, demographic forecasting, detailed multi-modal operational and safety needs analysis with robust public and stakeholder engagement element.

16. Staff Experience:

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/14 – Present	**Roundabout Stage 0 Studies, Lafayette Consolidated Government, Lafayette, (SPN H.004490)** This is a task order contract to conduct Stage 0 Feasibility Studies which evaluate constructability, safety, and operations of modern roundabout at 23 intersections. Tasks completed by Mr. Andem include signal warrant analysis, crash analysis, spot speed data analysis, evaluation of existing conditions, forecasting future volumes using Lafayette Metropolitan Organization Travel Demand Model, and preparation of the report detailing the findings and recommendations.
04/18 – Present	**Rees St (LA 328) Corridor Study (State Project No. H.013023, F.A.P. No. H.013023)** This is a feasibility Study of improving LA 328/Rees Street from Latiolais Drive to Bridge Street. Tasks completed by Mr. Andem include data collection, intersection/corridor analysis, field review observations, intersection and corridor safety analysis for No Build and existing conditions, forecasting future volumes and active participation in public meetings.
04/18 - Present	**LA 1256 Corridor Study from Patton Street to Dave Dugas Road, Calcasieu Parish, Louisiana** This project involves widening of LA 1256 from Patton Street to Dave Dugas Road. Three Roundabout intersection are analyzed. Tasks completed by Mr. Andem includes intersection and corridor safety analysis, data collection, roundabout analysis using SIDRA, writing technical memorandum documenting conclusions and recommendations.
01/12 – 06/13	**Baton Rouge Metropolitan Planning Organization (MPO) Transportation Plan Update, LADOTD, EBR, WBR, Ascension, Livingston and Iberville Parishes, LA:** Mr. Andem worked on the safety element of this project. Tasks completed by Mr. Andem included identifying high crash segments/intersections, crash patterns, determination of contributory causes and developing report detailing findings and recommendations.
01/14 – 1/15	**Lake Charles Urbanized Area Metropolitan Transportation Plan (MTP) 2040, Calcasieu Parish, LA:** Mr. Andem worked on the safety element of this project. Tasks completed by Mr. Andem included identifying high crash segments/intersections, crash patterns, determining contributory causes and developing report detailing findings and recommendations. benefit cost analysis, monthly progress reports, meeting minutes and preparation of the report detailing study findings and recommendations.
03/12 – 04/12	**N. University Avenue (LA 182) Widening, Lafayette Consolidated Government, Lafayette, LA:** This project involves widening of University Avenue between I-10 and Pont des Mouton Road. Three roundabout geometry intersections are proposed. Tasks completed by Mr. Andem includes preparing a VISSIM model for build scenario, air quality analysis using MOVES 2010a and preparing air quality report documenting study findings.

16. Staff Experience:

10/12 – 01/13	**LA 935 (LA 431 to LA 22) Safety Study/Stage 0 Feasibility Study, LADOTD, Ascension Parish, LA:** This is a Safety Stage 0 Study. Tasks completed by Mr. Andem included the identification of crash clusters, the review of hard copy police reports, determinization of the contributory causes and the development and evaluation of the effectiveness of proposed alternatives using IHSDM.
Career History	Mr. Andem joined Neel-Schaffer, Inc. in 2011. Mr. Andem serves as a traffic engineer/transportation planner for traffic impact studies, traffic simulation models, signal timing, local and regional travel demand models, corridor analysis, demographic forecasting and other traffic engineering related projects for both public and private developments. He has extensive experience in traffic engineering which includes safety studies related to intersection/lane departure/pedestrian, signal warrant analysis, roadside hazard, fatal crash reviews, corridor analysis, qualitative assessment, signal timing, signal design traffic impact studies and traffic control. Mr. Andem has experience in using Synchro/Sim Traffic, Highway Capacity Software (HCS), VISSIM, Tru-Traffic, AutoCAD, Microstation and SignCAD. Additionally, he has working knowledge of CORSIM and TransCAD. **He completed the Highway Safety Manual. 2 ½ day workshops conducted by the FHWA Resource Center, NCHRP 17-38 in May 2014**.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Jonathan Duhe, PE, PTOE, RSP[1]**			Years of experience with this firm/employer	10
Title	Project Engineer			Years of experience with other firm(s)/employer(s)	1
Degree(s) / Years / Specialization			BS / 2011 / Civil Engineering		
Active registration number / state / expiration date			PE 0041047 / LA / 03-31-2025; PTOE No. 4418 / 03-18-2024		
Year registered	2016	Discipline	MPR # 5; Traffic Analysis/Signal Design		
Contract role(s) / brief description of responsibilities			Stage 0, Safety and Traffic Analysis		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering. Mr. Duhe has assisted with the ball bank studies for the signing and striping jobs. He also oversaw development of signal plans as a project engineer for FYA Signal Improvements. The task orders under this project are as follows: **Local Road Signing (Vermilion) (SPN. H.013014);** The project includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. **LRSP (Iberia Parish and City of N.I.) (SPN. H.013770)**; Project includes signage and striping for safety improvements along 30 Miles of roadway. **FYA Signal Improvements (LCG) Lafayette Parish (SPN. H.014579);** This project includes the installation of flashing yellow arrows, cabinets, and detection systems for 28 intersections throughout Lafayette.
04/18 - Present	**I-49 South at Verot School Road, S.P. No. H.011235.5:** Completing the signal design services. This project will construct 2.4 miles of mainline freeway, bridges and an interchange at the intersection of I-49 South/US 90 and Verot School Road.
09/21 - present	**Harding Blvd at I-110 (CP Proj. No. 20-CP-HC-0016), Baton Rouge, LA**: *Traffic Engineer.* Performing a traffic study along Harding Boulevard between Rosewood Street and Merle Gustafson Drive including the I-110 Ramps in an effort to improve capacity. Assisted with data collection and Initial Data Collection Report. Signals were included
09/20 - present	**College Drive Enhancement Project (CP Proj. No. 20-CP-HC-0033), Baton Rouge, LA**: *Traffic Engineer.* Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including peak period observations and travel time runs. Also performed safety analysis along the College Drive corridor. Signals were included
06/20 - present	**I-10/12 College Drive Flyover Design Build (H.013897.1), Baton Rouge, LA**: *Traffic Engineer.* Performing a traffic study at the I-10/12 merge in an effort to improve capacity and safety. Assisted with uncalibrated VISSIM model. Assisted with safety analysis. Signals were included
04/20 – 06/21	**District 05 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.014295.1) District 05, LA:** *Traffic Engineer*. Assisted with safety analysis including reviewing crashes utilizing LaDOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
02/19 – 03/20	**District 07 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013826.1) District 07, LA:** *Traffic Engineer*. Assisted with safety analysis including reviewing crashes utilizing LaDOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.

16. Staff Experience:

11/17 – 04/19	**District 08 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013264.1) District 08, LA:** *Traffic Engineer*. Assisted with safety analysis including reviewing crashes utilizing LaDOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
11/16 – 04/19	**LA 385 (Ryan St) Feasibility Study (Contract No. 4400004402, T.O. No. H.012685.1) Lake Charles, LA:** *Traffic Engineer*. Assisted with intersection analysis including Vistro analysis. Assisted with safety analysis including reviewing crashes, creating collision diagrams, identifying conflict points, and using LaDOTD's CATScan tool to analyze safety. Also assisted with report preparation.
02/16 – 10/17	**LA 6 Feasibility Study (Contract No. 4400004402, T.O. No. H.012307.1) Natchitoches, LA:** *Traffic Engineer*. Assisted with intersection analysis including Sychro and Sidra analysis. Assisted with safety analysis including reviewing crashes, creating collision diagrams, and using the HSM Predictive method to analyze safety of potential alternatives. Also assisted with report preparation.
02/15 – 12/17	**US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1):** *Traffic Engineer.* Assisted with report preparation.
06/15 – 07/16	**LA 431 at LA 934 Intersection Improvements (H.007855.5), Ascension Parish, LA**: Performed a traffic signal timing study for 5 intersections along LA 431 and signal design plans for the intersection of LA 431 at LA 934 in association with the proposed intersection improvements.
04/18 – 06/19	**LA 1256 Adaptive Signal System, Cameron Parish, LA:** Engineer for modification of 5 traffic signals along LA 1256 from Dave Dugas Road to I-10 in Sulphur, LA in order to implement the SynchroGreen Adaptive traffic signal system.
12/19 – present	**US 80: Intersection @ Bellevue Rd (S.P. No. 44-10504, T.O. No. H.014044.1), Bossier Parish, LA:** *Project Engineer.* Oversaw Intersection Operational Analyses (HCS), safety analysis, alternative development, and traffic report preparation. Signals included
03/20 – 06/20	**Braud Rd @ Germany Rd Temp. Signal Design, Gonzales, LA:** *Project Engineer* developed signal layout and timing parameters for temporary signal. Signal design included developing Clearance Calculations, utilizing Synchro for signal timing, designing in MicroStation software, developing Intersection Quantities, and creating a Traffic Signal Inventory)
03/19 - 11/19	**District 08 Signal Timing Study (S.P.No.44-8851, T.O. No. H. 011960.5), Natchitoches, LA:** *Project Engineer* Oversaw Data Collection (TMCs, Observations, Inventory, Travel Runs, etc), Signal Warrant Analyses, Intersection Operations Analyses (Synchro), Developed new signal timing and TSIs
03/19 - 11/19	**US 61 Signal Timing Study (S.P.No.44-8851, T.O. No. H.011186.5), Baton Rouge, LA:** *Project Engineer* Oversaw Data Collection (TMCs, Observations, Inventory, Travel Runs, etc), Signal Warrant Analyses, Intersection Operations Analyses (Synchro), Developed new signal timing and TSIs
04/19 - 11/19	**LA 14 Signal Timing Study (S.P.No.44-8851, T.O. No. H.012467.5), Lake Charles, LA:** *Project Engineer* Oversaw Data Collection (TMCs, Observations, Inventory, Travel Runs, etc), Signal Warrant Analyses, Intersection Operations Analyses (Synchro), Developed new signal timing and TSIs
Career History	Mr. Duhe joined Neel-Schaffer in 2013 and has nearly a decade of experience working on a wide range of traffic and transportation projects. Mr. Duhe has worked on many intersection/corridor signal timing studies and signal design projects and other traffic engineering related projects for both public and private projects. Mr. Duhe is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Mr. Duhe has completed training and has experience using LADOTD's **CAT Scan safety tool**. Mr. Duhe is a certified Professional Traffic Operations Engineer (PTOE), a **Road Safety Professional (RSP1)** and has completed LADOTD's **Traffic Engineering Process and Report (TEPR)** training.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.			
Name	**Lonny Territo**	Years of relevant experience with this employer	8
Title	Senior Technician	Years of relevant experience with other employer(s)	9

Degree(s) / Years / Specialization	Certified in Work Zone Traffic Control Supervisor, Technician and Flagger.
Active registration number / state / expiration date	
Year registered / Discipline	
Contract role(s) / brief description of responsibilities	Data Collection as needed

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/22 - Present	**Cargill Reserve Pedestrian Crossing Traffic Study Reserve, LA :** Performed traffic and pedestrian counts.
10/20 - Present	**Hurricane Laura Signal Repairs:** Providing traffic signal damage assessment and CEI / monitoring services for signal repairs in Lake Charles from Hurricane Laura.
02/2019 - 03/2020	**District 07 Safety Investment Plan, DOTD District 07** (SPN 4400010504, Task No, H.013826.1)**:** Performed traffic counts and site visits to collect site conditions and photos.
12/2017 - 03/2019	**District 08 Safety Investment Plan, DOTD District 08**(SPN 4400010504, Task No, H.013264.1)**:** Performed traffic counts and site visits to collect site conditions and photos.
06/14 – 11/20	**Baton Rouge Computerized Signalization, Phases IV and V (Phase IV – 013-05-0043, 742-17-0125 & 258-02-0036, Phase VA – H.001609, Phase VB – H.007160)** performed traffic engineering, signal design and construction services in support of the City of Baton Rouge computerized signalization. Phase IV included 21 intersections and Phase VA included 23 intersections. Phase VB which is currently in the design phase includes 24 intersections. Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, – LA 39, LA 46 & LA 47 Corridor Improvements (28 intersections) (4400004829, Task Order H.011648.1/5)** Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, LA 39, LA 46 & LA 3021 Corridor Improvements (26 intersections), (4400004829, Task Order H.011642.5)** Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, I-610, I-10, US 90 & LA 3021 Corridor Improvements (17 intersections) (4400004829 Task Order H.011649.5)** Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, US 90, US 61 & LA 611-9 Corridor Improvements (20 intersections) (4400004829 Task Order H.011646.5)** Performed traffic counts and traffic controller uploads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, US 61 & LA 3154 Corridor Improvements (23 intersections) (4400004829 Task Order H.011514.5)** Performed traffic counts and traffic controller uploads.
08/14 – 08/17	**Retainer Contract for Traffic Signal Engineering, US 80 Traffic Control Signal Upgrades (4400004712)** Provided signal design plans and signal timing plans at 20 intersections along US 80 in Shreveport, LA. Performed traffic counts and traffic controller uploads.
07/14 – 12/14	**Baton Rouge Computerized Signalization Phase VA – H.001609**, Phase VA included 23 intersections, performed construction inspection in support of the City of Baton Rouge computerized traffic signal synchronization system. Performed construction inspection as the Resident Project Representative.

16. Staff Experience:

12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.005750) LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections)** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.005757) US 11, Slidell, LA (16 intersections)** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.005759) LA 44, Gonzales, LA (10 intersections)** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.010699) LA 19, Baker, LA (10 intersections)** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller uploads.
12/14– 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.010700) US 425, Vidalia/Ferriday, LA (11 intersections)** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller uploads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.009321) LA 3124/LA 60/LA 10/LA 16, Bogalusa, Amite, Franklinton, Kentwood, Amite, LA (32 intersections)** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller uploads.
Career History	Mr. Territo joined Neel-Schaffer in 2013 and has nine years of experience in the data collection field. Since joining Neel-Schaffer, Mr. Territo has provided a variety of transportation-related services, including data collection, construction inspection and traffic signal design. He also holds the following IMSA certifications: Work Zone, Traffic Signal Inspector, Certified Fiber Optic Technician, Traffic Signal Design/Engineering Tech. Level 2, Traffic Signal Senior Field Tech. Level 3 as will as is certified in Work Zone Traffic Control Supervisor, Technician and Flagger.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Glen Reed, PE**			Years of experience with this firm/employer	32
Title	Senior Engineer			Years of experience with other firm(s)/employer(s)	12
Degree(s) / Years / Specialization			BS / 1976 / Electrical Engineering		
Active registration number / state / expiration date			PE No. 28369 / LA / 03-31-2024		
Year registered	1999	Discipline	Electrical		
Contract role(s) / brief description of responsibilities			Lighting Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Monroe Streetscape Improvements: This project included streetscape improvements between Forsythe Ave. and Louisville Ave. in the city of Monroe, LA. Mr. Reed completed the lighting conceptual design for the layouts, renderings and assisted in the cost estimating for three alternatives which would improve connectivity for ped and bike traffic and provide connections to park, school and other origin and destinations. Alternatives included road diets, shared lanes, paths, sidewalks, landscaping, curb extensions, bike lanes and more.
01/19 – 03/20	**SR 601 / 30th Ave relocation project, Gulfport, MS** – Electrical Design for Power to ITS/Traffic Signals and Roadway Lighting for MDOT – Neel-Schaffer is developing Phase B Roadway Final Plans for the construction of SR 601 and relocation of 30th Avenue for the southern portion of the project in Harrison County. Roadway lighting, traffic and ITS elements included installing two brand new intersections, and the removal of three existing intersections. ITS technology including CCTV cameras, radar vehicle detection, blue tooth vehicle detection, dynamic message boards and fiber optic communication to provide information and travel time to motorists.
06/10 – 03/13	**MDOT Bridge ITS Project, AR, LA, MS** – Electrical Design of Power to ITS Equipment. To address the needs of an interactive system, Neel-Schaffer was selected the Mississippi Department of Transportation to design an active bridge monitoring system at the four Mississippi River crossings in Mississippi. The locations included: • US 49 bridge in Lula, MS / Helena, AR • US 82 bridge in Greenville, MS / Lake Village, AR • I-20 bridge in Vicksburg, MS / Tallulah, LA • US 84 bridge in Natchez, MS / Ferriday, LA At each location, ITS technologies were implemented, including CCTV cameras, vehicle detection devices, dynamic message signs, highway advisory radio, and broadband and fiber optic communications. These devices were located at each of these bridges and in advance of the detour or diversion routes to provide alternate route information to travelers. In addition to these features, Real Time River Current (RTRC) sensors were installed at each bridge location to measure both the river current velocity as well as direction to alert watercraft, ports and maritime officials of current conditions prior to reaching the bridge. This type of critical information is planned to reduce the potential for barge crashes that have occurred in the past at the river bridges.
08/17 – 04/18	**MDOT I-59/SR42 Hattiesburg/Petal MS** – Electrical Design of power to ITS Equipment and Roadway Lighting. Neel-Schaffer was selected by the Mississippi Department of Transportation in 2016 to provide final contract plans for lighting, signing, ITS elements, and signal modifications for a proposed $24 million I-59/SR 42 Interchange improvements project near Laurel, MS. This project also includes improvements along SR 42 from I-59 to Old Richton Road. The limits of the lighting design extended along the entire segment of I-59 within the project limits and within the no access limits along SR 42. LED fixtures and galvanized poles with a combination of high and low mast fixtures were specified. ITS elements included CCTV cameras, radar vehicle detection, dynamic message boards and fiber optic

16. Staff Experience:

	communication to provide information and travel time to motorists. Traffic signal plans included improving three traffic signals along SR 42 and interconnecting them with fiber. This fiber will be connected into a larger network by MDOT in the future.
10/17 – 07/18	**MDOT US 82 Interchange Improvements – Columbus, MS** Electrical Design of Power to ITS Equipment and Roadway Lighting. Neel-Schaffer prepared plans for a wide variety of improvements at the intersections of US 82 and 18th Avenue and US 82 and Military Road in Columbus, MS. The improvements include traffic lighting, signing and traffic signal design/ITS elements, and signal timings for the busy intersections. The lighting plan extended from roundabout to roundabout along Military Road, using LED fixtures on low mast light poles. The ITS elements included interconnection of signals between US 45 and the US 82 westbound ramp terminals provided by short range broad band radio IC and fiber optic cable. CCTV cameras were installed. A complex phasing plan was initiated to operate both the 18th Avenue/5th Street and the 18th Avenue/82 westbound ramp intersections from a single controller.
01/15 – 09/17	**MDOT SR 12 Starkville, MS** Electrical Design of Power to ITS Equipment, including CCTV cameras, radar detection devices and dynamic message boards. A safety project resulted in construction of a raised median to replace the TWLTL, signal replacements (14 intersections), ITS components, and ADA compliance. All signals were inter-connected due to their close spacing. This will also allow the changing of signal timings to accommodate game day traffic for Mississippi State University events.
02/07 – 05/12	**MDOT I-269 Project Southaven, MS** – Electrical Design of Power to ITS Equipment, including CCTV cameras, radar detection devices and dynamic message boards. Neel-Schaffer designed approximately seven miles of new interstate from MS 305 to just east of US 78.
Career History	Mr. Reed joined Neel-Schaffer in 1991 and has 40 years of experience in high voltage electrical systems and control. Mr. Reed is involved with the design and construction engineering for power distribution, lighting, instrumentation, and control systems for a variety of projects, including the supply of electrical power to industrial sites, various water and wastewater projects, roadway lighting, and airfield lighting.

16. Staff Experience:

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/20 – Present	H.011280.1: **LA 10 Stage 0 Phase 2**, Washington Parish, LA: This project considers multiple alternatives along a 5.5-mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Environmental Lead.
02/20 - Present	H.014054.1 **I-69 Stage 0 Frontage Road (Stonewall Frierson Road)** Desoto Parish, LA: This project will provide a connection between I-49 and the proposed future I-69. The project includes bridge replacements, upgrading and extending existing roadway. Environmental Lead.
02/20 - Present	H.014056.1: **I-69 Stage 0 Frontage Road (Ellerbe Road)** Caddo Parish, LA: This project when combined with the proposed I-69 will provide a connection between Port of Caddo-Bossier and the proposed future I-69. The projects include bridge replacements, upgrading and extending existing roadway to current design guidelines. Environmental Lead
04/7/20 - Present	H.014514.1: **Earhart Expressway Masterplan Stage 0**: Environmental Lead
01/09 – 12/09	**Interstate 10 Frontage Road Feasibility Study** in Lafayette, LA. (LADOTD Project No: 736-28-0042), The project involved a traffic and line & grade study of I-10 for a 10-mile corridor extending from LA 93 to Louisiana Avenue in Lafayette, LA. The primary purpose of the project was to develop viable conceptual alternatives for frontage roads parallel to and/or adjacent to the I-10 corridor within the study area. Project Planner supporting the alternatives development.
12/14 – 12/19	**Stage 0 Feasibility Studies of Modern Roundabouts, Lafayette MPO area, (Project No. H04490),** Stage 0 studies supporting potential roundabouts at 23 intersections. Performed QA/QC of Stage 0 Reports
01/10 – 01/11	**Route LA 3234 Stage 0 Feasibility Study**, Tangipahoa Parish, LA (State Project No. H.008915.1 The project will improve east-west connectivity through Hammond by extending LA 3234 from its current terminus at LA 1065 to Hammond Northshore Regional Airport. Project Planner responsible for the development of the Stage 0 Reports
04/10 – 12/10	**Stage 0 Feasibility Study, Route LA 182 (North University Avenue) Widening**, I-10 to West Pont des Mouton Road, Lafayette Parish (Lafayette Consolidated Government (LCG) Contract No. 500-10-034, State Project No. H.009335) Project supports the widening of LA 182 to four lane capacity. The Study / EA included traffic studies, environmental screening and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided. Project Manager
07/15 – Present	**US 90 Pearl River Bridges Environmental Assessment, St. Tammany Parish, LA and Hancock County, MS, State Project NO. H.000284 & NO. H.000286,** Work includes the preparation of an Environmental Assessment, as well as line and grade engineering for fixed and movable span bridge alternatives for the West Pearl and East Pearl Rivers and fixed span concepts for the three middle rivers. ***Alternatives include placement of new bridges on the existing alignments utilizing temporary bypass structures, as well as***

16. Staff Experience:

	alternatives supporting upstream and downstream bridge concepts. For the East Pearl River both concrete and steel span structures were considered. Work also includes navigation studies and supporting environmental studies. *Project Manager*
11/15 – 12/19	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, Lafayette Consolidated Government (LCG).** Environmental Assessment (EA) developed in conformance with USCG guidance, engineering line and grade and technical environmental studies supporting the design and construction of Southcity Parkway extension from current terminus west of the Vermillion River to Kaliste Saloom Road including a crossing of the Vermillion River. *Project Manager*
Career History	Mr. Brupbacher has over 40 years of diversified planning experience performing in both public and private sector consulting. His broad range of experience includes project development, public involvement, and the preparation of NEPA documents for roadway, freight rail and transit projects, transportation planning, roadway alignment studies, zoning and land use planning. He completed **NHI course No. 142005, NEPA and Transportation Decision-making and NTI Course,** Managing the Environmental Process.

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Haley Streuding, RPA**			Years of experience with this firm/employer	2
Title	Archaeologist			Years of experience with other firm(s)/employer(s)	12
Degree(s) / Years / Specialization			BA / 2001 / Political Science; BA / 2007 / Anthropology; MS / 2014 / Anthropology		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Role on this Project: Archaeologist		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/20 – 01/22	**H.014054.1 I-69 Stage 0 Frontage Road (Stonewall Frierson Road), Desoto Parish, LA:** This project provides a connection between I-49 and the proposed future I-69. The project included a stage 0 report, checklists, conceptual layout, and cost estimates. The project also included turn lanes, upgrading, and extending existing roadway. / Cultural Resources (Archeological Services).
02/20 – 01/22	**H.014056.1: I-69 Stage 0 Frontage Road (Ellerbe Road), Caddo Parish, LA:** This project when combined with the proposed I-69 will provide a connection between Port of Caddo-Bossier and I-49. The project included 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 (Archeological Services).
01/22	**West Hattiesburg Lamar County Park Project, Lamar County, Mississippi:** Principal Investigator. Conducted desktop review for a proposed sports complex in Hattiesburg (January 2022).
11/21	**Port Bienville Rail Storage Yard at Sites 1 and 6, Port Bienville Industrial Park, Hancock County, MS**: 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	**Bozeman Landfill Expansion Project, Lauderdale County, MS**: 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	**Bogue Chitto Water Park (Pike County, MS)**: Conducted a Phase I cultural resources survey for proposed pedestrian and trail improvements at the Bogue Chitto Water Park near McComb, Mississippi. 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).
10/21	**Gordon's Creek Commons Project (Forrest County, MS):** Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for the City of Hattiesburg (September 2021).
09/21	**City of Biloxi East-West Access Road Project (Harrison County, MS):** 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	**Green Teal Court Project (Harrison County, MS):** Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for a proposed boat house in Biloxi, MS (August 2021).

16. Staff Experience:

08/21	**Hall Avenue West BUILD Project, Forrest County, MS (MDOT):** 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	**Hattiesburg FTA Grant Sidewalks Project, Forrest County, MS:** Principal Investigator and author of report for a Phase I cultural resources survey performed for the City of Hattiesburg (March 2021).
02/21	**Chatom Tower Site, Washington County, AL:** 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. In 2007-08, Haley served as an Archaeological Lab/Field Technician for the University of Southern Mississippi in Hattiesburg, performing various Phase II collection and excavation methods at a Paleo-Indian archaeological site, washed, sorted and catalogued artifacts in the USM archaeology lab, analyzed artifacts, profiled complex stratigraphy of excavation units, filled out level and feature forms and piece-plotted various features. Also in 2008, she served as an Archaeological Field/Lab Tech for the U.S. Forest Service in the DeSoto National Forest in South Mississippi. From 2009-2011, Haley worked as an Assistant Conservator for the Texas A&M Conservation Research Laboratory. In this role, she conserved hundreds of artifacts fashioned from various materials such as metal, wood and clay, from land and underwater sites; served as an artifact photographer; created artifact cards documenting conservation treatments; and documented conservation process of artifacts and the results of treatment in lab reports. From 2011-2013, She served as the head Archaeological Resource Advisor for the National Park Service during the BP Oil Spill Cleanup. Her primary responsibilities included archaeological monitoring of cleanup activities, training new personnel on monitoring and field techniques to comply with standard emergency response regulations, conducting training seminars for Operations supervisors and oil spill cleanup technicians on the treatment and protection of natural and cultural resources within the Gulf Islands National Seashore, and providing technical archaeological assistance in a variety of areas related to or impacted by the archaeological function, including Section 106 compliance, clearance, and planning. In 2014, Ms. Streuding worked as a Principal Investigator for Pritchett Engineering and Planning, LLC, where she directed several Phase I cultural resources surveys, site delineation, and prepared technical reports. Additionally, she prepared budget proposals and cost estimates for potential clients. From 2015 to 2020, Haley worked for Coastal Environments, Inc., in the firm's Biloxi office. She began as a Field Archaeologist, directing Phase I archaeological surveys, as well as conducting archaeological monitoring throughout the south and southeast. She was promoted to Project Manager within two years and oversaw multiple terrestrial and marine archaeological projects. She participated in data recovery and site mitigation projects, including human burial excavations.

16. Staff Experience:

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/22 - Present	**LA 89 at Chemin Metairie Road Improvements:** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for proposed roadway corridor improvements, which include a roundabout. Project is in Youngsville, LA.
09/22 - Present	**E. Milton Avenue Improvements:** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for proposed roadway corridor improvements, which include a roundabout. Project is in Youngsville, LA.
02/20 - Present	**W. Broussard Roundabout at Duhon Road (LA 724):** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for a proposed roundabout. Project is in Youngsville, LA.
01/23 - Present	**LA 383 Stage 0 Feasibility Corridor Study:** Mr. LeBlanc assisted in preparing maps and exhibits for project meetings. The maps provide avoidance information with oil and water well locations, locations of schools and parks. Also assisting in providing images and exhibits for Stage 0 Report. Project will focus on corridor improvements along the LA 383 corridor near the town of Iowa, LA in Calcasieu and Jefferson Davis Parishes.
07/21 – Present	**Earhart Expressway Masterplan Stage 0 Feasibility Study:** Mr. LeBlanc assisted in preparing maps and aerial exhibits for project meetings and reports. He assisted with the creation of centerline alignment on GIS imagery based on engineers designs and past studies. Project involves prioritizing several proposed projects along Earhart Expressway in Jefferson and Orleans Parishes.
07/21 - Present	**LA 10 Stage 0 Feasibility Improvements:** Mr. LeBlanc assisted in creating maps and exhibits for project prioritization meetings for multiple proposed projects for the LA 10 corridor in Bogalusa, LA. Mr. Leblanc also assisted in creating maps and images to be used in Stage 0 reports.
03/20 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:** Mr. LeBlanc provided a background aerial image in the form of a single georeferenced mosaic for use in MicroStation for this project, which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The new bridge over I-20 will include sidewalks and four multilane roundabouts. This project includes a level 2 TMP.
03/20 - Present	**I-69 Stage 0 Feasibility (Ellerbe Road to LA 1):** Mr. LeBlanc assisted with providing maps, images, and exhibits for project Stage 0 Reports. The project is in Caddo Parish, LA and involves the design of horizontal alignments for upgrading and extending existing roadway and intersection design. He provided avoidance maps with oil and water well data and other environmental sites.
03/20 - Present	**I-69 Stage 0 Feasibility (Stonewall-Frierson Road):** Mr. LeBlanc assisted with providing maps, images, and exhibits for project Stage 0 Reports. The project is in Desoto Parish, LA and involves the design of horizontal alignments for upgrading and extending existing roadway and intersection design. He provided avoidance maps with oil and water well data and other environmental sites.
Career History	Mr. LeBlanc joined Neel-Schaffer in 2012 and has 11 years of experience providing field support and GIS assistance to teams of biologists, engineers, and planners. Initially, he worked to collect GPS data in the field, incorporating and analyzing the data in ArcGIS for use in a

16. Staff Experience:

	variety of report presentations. At this time, he also provided field support for wetland delineations and wildlife habitat surveys. More recently, Justin's experience involves working closely with teams of engineers and planners to develop data and create maps for various reports. In this role, he is involved in the beginning (data development), middle (mapping the data), and end (creating digital deliverables) of each project. He also frequently provides a background of aerial images to colleagues proficient with MicroStation. Mr. LeBlanc's areas of expertise include: · **GIS applications and development** · **GIS aerial imagery** · **GPS data collection** · **Field support for wetland delineations and wildlife habitat surveys.**

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Russ Bryan, ASLA**		Years of experience with this firm/employer	12	
Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	4	
Degree(s) / Years / Specialization			BS/2002/Landscape Architecture		
Active registration number / state / expiration date			No. 18-0699 / LA / 01-31-2019		
Year registered	2014	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Landscape Architect/ Renderings		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/19 - Present	**DOTD Design of Safety projects - W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621);** This project will provide safety improvements which include 2,000 feet of sidewalks, pavement markings, signage, and storm sewer drainage along W. 11th Avenue between S. Tyler (LA 21) to S. Jefferson Avenue. Mr. Bryan completed a typical section rendering for the client.
	Monroe Streetscape Improvements: This project included streetscape improvements between Forsythe Ave. and Louisville Ave. in the city of Monroe, LA. Mr. Bryan completed typical section and 3D renderings for three alternatives which would improve connectivity for ped and bike traffic and provide connections to park, school and other origin and destinations. Alternatives included road diets, shared lanes, paths, sidewalks, landscaping, curb extensions, bike lanes and more.
12/17 - 07/20	**South City Parkway Extension:** Mr. Bryan completed graphics for linear park as an alternative use of the extra greenspace associated with the project.
08/20 – 10/20	**I-10 & I-12 College Dr. Flyover Ramp Design-Build Project (S.P. H.013897.1);** This project required that we replace 3 trees for every single tree removed as part of the construction. Mr. Bryan assisted with the public/stakeholder outreach by providing he did the rendering of the full build for the project. He did the renderings and did the conceptual landscape design for the tree replacement plan required for the full build in the median and gore areas.
1/2018 - Present	**US Highway 49 Landscape Improvements Project, Hattiesburg, MS;** median and shoulder planting design along 2.5 miles through the City of Hattiesburg, MS, using Transportation Alternative Funding through Mississippi DOT and local partners, permit required and approved
01/2014 - 12/2014	**Mississippi State University South Entrance Road Project, Starkville, MS;** shoulder tree and screen/windbreak planting design along 3.4 miles of new 3-lane and 2-lane roadway, irrigation design at north and south termini
07/2013 - 03/2014	**Mississippi State University North Research Park Boulevard, Starkville, MS;** median and shoulder planting and irrigation design along 0.7 mile of new 3-lane roadway
08/2010 - 09/2012	**West 4th Street Reconstruction Phase 1, Hattiesburg, MS;** median planting design with decorative nosepoint paving along 1.0 mile of reconstructed 3-lane roadway, created plan view rendering for public review
05/2009 - 11/2011	**Planting & Irrigation design at various Mississippi Welcome Centers and Rest Areas for the Mississippi DOT**; I-59 (Pearl River County), I-55 (Pike & Panola Counties), I-20 (Warren County), US Highway 61 (Wilkinson County), and US Highway 78 (Itawamba County).
04/2009 - 11/2010	**Henderson Point Park (Harrison County, MS) & Ocean Springs Park (Ocean Springs, MS);** park design for approximately 8.0 acres at Henderson Point at base of Bay St. Louis Bridge in Harrison County including parking, sidewalks, pavilions, play equipment, site

16. Staff Experience:

	amenities and landscape design, parklet (small park) design at base of US Highway 90 Bridge in Ocean Springs, MS, including benches, signs and planting design.
09/2008 - 01/2009	**Jeff Davis Avenue Reconstruction, Long Beach, MS;** overall streetscape design including on-street parking, sidewalks, decorative paving and landscape design for 0.4 mile of 2-way roadway

16. Staff Experience:

Firm employed by Neel-Schaffer, Inc.					
Name	**Don Lancaster, PE**		Years of relevant experience with this employer	18	
Title	Senior Project Manager		Years of relevant experience with other employer(s)	22	
Degree(s) / Years / Specialization			BS / 1982 / Civil Engineering		
Active registration number / state / expiration date			No. 22821 / LA / 09-30-2023		
Year registered	06-30-1987	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Utility Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/07 - 04/11	Bay Saint Louis Infrastructure Repairs - Project Manager for the planning, design, bidding, and construction management of this program. Supervised the engineering and support staff responsible for design and construction administration of over $70 million in water, sewer, gas distribution, roadway, and sidewalk improvements.
01/08 – 11/13	Gurney Road Sewer Area Upgrades - Project manager and engineer for upgrades to the sanitary sewer system in this area. Work included replacement of the pump station to alleviate sanitary sewer overflows (SSO) as well as up-grade the force main exiting the station. The project included a new 2.85 MGD submersible triplex station and approximately 5 miles of force main.
2009	Pumping Station and Force Main for the Hancock County Utility Authority - Project Manager for a project that provides a pump station and force main to transport flows from an area that is experiencing high-density development. The project includes 1.4 MGD submersible wastewater pump station; 5 miles of force main from the station to the WWTF; and upgrades to pumps at an existing station that manifolds to new station.
03/10 – 05/16	Bayou Duplantier Upgrades for City of Baton Rouge/E. Baton Rouge Parish DPW - Project manager for upgrades to the sanitary sewer system in the Bayou Duplantier area. Work included improvements to a gravity sewer system to alleviate sanitary sewer overflows (SSO). The project included approximately 12,500 linear feet of gravity sewer pipeline 15 to 36 inches in diameter.
08/08 – 12/08	City of Gautier Wastewater Transmission System Improvements for City of Gautier/CDBG, MS - Project Manager for nearly two miles of conventional gravity sewer piping; a 0.25 MGD duplex submersible pumping station; and 1500 feet of force main. Project includes complete design of the sewer and station, including civil, structural, mechanical, electrical, and controls.
12/19 - Ongoing	Safe Haven Blue Green Campus Master Plan, St. Tammany Parish, LA: Project Manager. Development of a master plan and designing drainage improvements for the 293-acre Safe Haven complex. Responsibilities on the project include an assessment of the existing infrastructure including, roadways, parking, site utilities and site drainage; an environmental screening considering potential for impacts to wetlands and known species of concern, including consideration of required permits; design of improvements to site drainage emphasizing green infrastructure, including detention ponds, bioswales, and rain gardens.
2003-2006	Sewer System Evaluation and Rehabilitation (SSERP) for New Orleans Sewerage and Water Board - Design Manager overseeing the planning, design, and general management of this program. Supervised all engineering and support staff re-sponsible for the planning and design of this $631M multi-year program that included collection system evaluations and studies of the sewer sub basins; rehabilitation of a gravity sewer system; hydraulic modeling; and new force mains and pumping stations. Served as client contact on design related issues, negotiated sub consultant contracts, reviewed, and approved sub consult-ant invoices, established design and quality control standards, reviewed design submittals, established and maintained project schedules and served as the Boards

16. Staff Experience:

	representative on design issues that impacted Federal, State and municipal agencies. Mr. Lancaster's oversight of planning and design improved the overall quality of the proposed improvements to the SSERP.
08/05 – 06/06	Post-Hurricane Katrina Sewer System Rehabilitation – Project Manager for all aspects of this project to rehabilitate the City's sewerage system following Hurricane Katrina. Oversaw the inspection, cleaning, CCTV, by-pass pumping operations, and repair of the sewerage system. Developed and maintained an accelerated schedule to provide the client with immediate results and assessments of their system.
Career History	Mr. Lancaster has over 40 years of experience in civil engineering and project management. He is the Civil Design Manager for Neel-Schaffer's Louisiana offices and Senior Project Manager for Neel-Schaffer's large Gulf Coast Katrina Recovery Projects. Prior to joining Neel-Schaffer, Mr. Lancaster was Design Manager for a national firm overseeing the Sewerage and Water Board of New Orleans' Sewer System Evaluation and Rehabilitation Program (SSERP). Responsibilities include overseeing all aspects of planning, design and construction administration. He was most recently Project Manager for the City of Bay Saint Louis Mississippi's FEMA utility replacement projects and the Sewerage and Water Board's (S&WB) Sewer System Rehabilitation for Hurricane Katrina Emergency Recovery Efforts. Mr. Lancaster offers his clients a wide range of design and project management experience leading to improved quality in the overall project.

16. Staff Experience:

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/16 - 09/19	**H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA**: Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West bound on ramp to I-10, the West bound off ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the project design, coordinate with the prime consultant and government agencies.
12/13 – 10/19	**H.02960 Gramercy Bridge, St. James Parish, LA**: Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project
02/14 - 02/15	**H.010620 I-49 Design Build, Lafayette, LA**: Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.
05/13 – 05/14	**H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA**: Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.
01/06 – 12/12	**EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA**: Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.
03/12 – 07/12	**H.009104.5 - Sunshine Bridge Phase 2:** Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.
05/11 – 04/12	**Red River – Jackson Street Bridge, Alexandria, LA:** Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.
06/12 – 10/12	**H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33** Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	**H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29** Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey,

16. Staff Experience:

	field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	**Picardy Avenue Extension–City/Parish of East Baton Rouge:** Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as wells as subsurface drainage design for approximately ½ mile.

16. Staff Experience:

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**:Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Mr. Burgess worked with SUE sub-consultant, TBS, as well as CD&C crews to obtain and incorporate all utility data as well.
08/21 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**:Mr. Burgess was the Survey Manager for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
7/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Burgess served as Survey Manager for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish**: Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.

16. Staff Experience:

01/18 - 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: . Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
7/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16 - 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15 - 12/18	**H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16 - 12/17	**H.011235 I-49 South at Verot School Road, Lafayette, LA**: Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07/14 - 10/15	**H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17 - 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Burgess served as Survey Manager on this project which included a complete topographic survey, utility coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.

16. Staff Experience:

Firm employed by Civil Design and Construction, Inc.					
Name	Chris Ballard, PLS		Years of relevant experience with this employer	8	
Title	Survey Project Manager		Years of relevant experience with other employer(s)	19	
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University		
Active registration number / state / expiration date			PLS 5033 / LA / 2024		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Ballard serves as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 - 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17 - 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Ballard served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19 - 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA**: Mr. Ballard is serving Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.
01/17 - 12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:** In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 - 11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize

16. Staff Experience:

	data collection of the failed bridge, **3D Terrestrial Scanning** was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 -09/17	**H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA**: Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing **3D Terrestrial Scanning**.
07/18 – On-Going	**Plank Rd Realignment, Baton Rouge, LA:** Mr. Ballard served as the Survey Project Manager on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying and ROW mapping for the realignment of Plank Rd. for Baton Rouge Metro Airport. This project includes 2 phases of relocations and ROW mapping. CD&C is providing full topography ROW mapping services for both phases.
10/15 - 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
08/16 - On-Going	**H.011235 I-49 South at Verot School Road, Lafayette, LA**: Mr. Ballard served as a Survey PM on this project. Duties included aiding in the coordination of field crews for both topographic survey and property surveys for ROW mapping, QC review of data for submittals. CD&C is also providing complete ROW mapping on this project including property surveys and final ROW maps.
10/15 - 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	**260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA**: Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with **3D terrestrial scanning.**

16. Staff Experience:

Firm employed by Smith, Parrish, & Atkins Resource Consultants, LLC			
Name	Shawna A. Atkins	Years of relevant experience with this employer	5
Title	Architectural Historian	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		M.A., Northwestern State University/ 2004/ Art, African American Folk Architecture B.A., Northwestern State University/ 2002/ Art with a minor in Social Sciences +13 credit hours completed, Master of Preservation Science, Tulane University/ 2012	
Active registration number / state / expiration date		N/A	
Year registered	Discipline		
Contract role(s) / brief description of responsibilities		Ms. Atkins will serve as Architectural Historian (AH) for standing structure surveys and evaluations for NHPA Section 106 compliance and DOT Section 4f compliance for historic resources.	

She has completed over 30 standing structure surveys, documenting and evaluating over 3500 standing structures using SOI standards. She has co-authored more than 30 technical reports and Section 106 compliance documents. She has completed a number of historic preservation courses including the National Center for Preservation Technology and Training's Wood Identification for Preservation Professionals and Mortar Analysis Workshops; the National Preservation Institute's Identification and Evaluation of Mid-20th-Century Buildings and Preservation Planning and Policy Development for Historic Roads courses; and Save Our Cemeteries' Tomb Restoration Certification.

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).
Ongoing	Architectural Historian: Beauregard and Cameron parishes; standing structure surveys, NPS Hurricane Harvey grant. For Stephenson Disaster Management Institute, LSU. More than 1000 structures have been documented to date. Supervising four assistant architectural historians.
Ongoing	AH: Allen Parish; standing structure survey, NPS Hurricane Harvey grant. For APTC. More than 400 buildings have been documented to date. Supervising two assistant architectural historians.
06/22-07/22	AH: Additional research and survey of 624 Coulee St in Lake Charles and a "Gold Medallion" home at 31802 Burnell Rd in Gueydan. For CPRA. Performed historic research, survey, co-wrote report, made preliminary recommendations.
02/21-06/22	AH: Sabine Parish; standing structure survey, NPS Harvey grant. For SPTC. More than 1000 buildings were documented. Supervised two assistant architectural historians, co-wrote report, made preliminary recommendations.
09/21-04/22	AH: Phase I survey of 2256 Baronne Street, New Orleans. For REO and HANO. Documented 61 buildings within the indirect APE, co-wrote report.
09/20-02/21	AH: Phase I survey of US 80 Widening: Vancil Road to Well Road, Monroe (H.009932). Documented 19 buildings in the indirect APE, co-wrote report.
01/17-03/20	AH (Earth Search, Inc. [ESI]): Phase I survey for I-10 Improvements LA 415 to Essen Ln, Baton Rouge (H.004100). Documented 605 buildings, co-wrote report.
02/16-03/20	AH (ESI), Phase I survey for US 90 Historic Bridges Replacement, St. Tammany and Hancock (H.000284 and H.000286). Documented the five bridges and multiple buildings in Louisiana and Mississippi, co-wrote the report.

16. Staff Experience:

Firm employed by Smith, Parrish, & Atkins Resource Consultants, LLC					
Name	Jason L. Parrish		Years of relevant experience with this employer	5	
Title	Project Manager		Years of relevant experience with other employer(s)	14	
Degree(s) / Years / Specialization			M.A., Mississippi State University/ 2006/ Applied Anthropology B.A., Mississippi State University/ 2003/ Anthropology		
Active registration number / state / expiration date			Register of Professional Archaeologists #15949		
Year registered	2007	Discipline	Archaeology		
Contract role(s) / brief description of responsibilities			Mr. Parrish will serve as Project Manager (PM) for archaeological surveys, site identification, and evaluations for NHPA Section 106 compliance and DOT Section 4f compliance for historic resources. He has supervised 16 surveys for the Louisiana Department of Transportation and Development and the Mississippi Department of Transportation. He has authored or co-authored over 100 cultural resources technical reports. He has completed the National Highway Institute's NEPA and Transportation Decision Making Course; the Advisory Council's Section 106 Review course; the NPS Geophysical Prospection Workshop, Spiro Mounds State Park; FEMA's IS-00240 Leadership & Influence, IS-00241.a Decision Making and Problem Solving, IS-00020.11 Diversity Awareness courses, and OSHA 30.		

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).
Ongoing	PM: Phase II archaeological investigations at 16SB102. For GEC and the Port of New Orleans. Daily project management, supervising fieldwork.
12/22-04/23	PM: Phase I archaeological survey of 240 ac at Western Maneuver Area, Hancock County, MS. Daily project management, supervised fieldwork, co-wrote report.
09/21-04/22	PM: Phase I survey of 2256 Baronne Street, New Orleans. For REO and HANO. Daily project management, supervised fieldwork, co-wrote report.
09/20-02/21	PM: US 80 Widening Project EA (H.009932). Completed archaeological survey and co-authored report.
03/19-05/19	PM: Archaeological Monitoring at the Scarsdale Pumping Station. Completed fieldwork and co-wrote report.
01/14-01/20	PM (ESI), Phase I survey for I-49, Inner City Connector, Shreveport (H.003915). Completed archaeological survey, investigated and documented 17 archaeological sites, and co-authored report.
02/16-01/20	PM (ESI), Phase I survey for US 90 Historic Bridges Replacement, St. Tammany and Hancock (H.000284 and H.000286). Completed archaeological survey and co-authored report
05/15-03-16	PM (ESI), Phase I survey for Widening LA 28 (H.004825.2). Completed archaeological survey and co-authored report.
04/15-05/15	PM (ESI): Phase I survey for Improvements to LA1088 (H.010116). Completed archaeological survey and co-authored report.
05/13-07/14	PM (ESI): Phase I survey for US 11 at Norfolk Southern Railroad (H.000668). Completed archaeological survey and co-authored report.
01/13-07/13	PM (ESI): Phase I survey for Woodland Hwy (H.008220). Completed archaeological survey and co-authored report.
05/12-09/12	PM (ESI): Phase I survey for Lake Forest Blvd (H.007277). Completed archaeological survey and co-authored report.
03/12-07/12	PM (ESI): Phase I survey for Improvements to North University Ave (H.009335). Completed archaeological survey and co-authored report.
04/10-06/14	PM (ESI): Phase I survey for Bush to I-12 Corridor (H.004985). Completed archaeological survey and co-authored report.

16. Staff Experience:

Firm employed by Smith, Parrish, & Atkins Resource Consultants, LLC			
Name	Rhonda L. Smith	Years of relevant experience with this employer	5
Title	Principal Investigator	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		M.A., University of Georgia/ 1996/ Anthropology with a specialization in zooarchaeology; B.A., Tulane University/ 1990/ Anthropology with a specialization in archaeology	
Active registration number / state / expiration date		Register of Professional Archaeologists #11644	
Year registered	2001	Discipline	Archaeology
Contract role(s) / brief description of responsibilities		Ms. Smith will serve as Principal Investigator (PI) for cultural resources investigations, NHPA Section 106 compliance, and DOT Section 4f compliance for historic resources. She meets/exceeds the qualifications for a professional archaeologist as published in the Louisiana Register on April 20, 1994 and in the Secretary of the Interior's Standards and Guidelines (48 FR 44716 [29 September 1983]). She will have overall project oversight; ensuring that all projects are conducted efficiently by coordinating with the Project Manager and Architectural Historian so that field investigations, resource recordation, and report production are completed accurately and in a timely manner. She is responsible for Quality Control and management recommendations. She has served as Project Manager and/or Principal Investigator for hundreds of Phase I surveys, Phase II testing, and Data Recovery excavations including 35+ projects for LADOTD. She has authored or co-authored more than 300 cultural resources reports, prepared appropriate sections for environmental documents (EA and EIS), and has drafted effective MOA and PA. She has completed the Advisory Council's Section 106 Review and Advanced courses, the National Highway Institute's NEPA and Transportation Decision Making training, the Louisiana Transportation Research Center /LADOTD Louisiana Historic Bridge Training for Maintenance and Rehabilitation of Historic Bridges, and the National Preservation Institute's Section 4(f) Compliance for Historic Properties course.	

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).
Ongoing	PI: Phase I archaeological survey of 9.3 km of proposed marsh ridge restoration (BA-0256), Plaquemines Parish. For Principal Engineering and CPRA. Project oversight, supervised fieldwork, writing report.
Ongoing	PI: Beauregard and Cameron parishes; standing structure surveys, NPS Hurricane Harvey grant. For Stephenson Disaster Management Institute, LSU. Project oversight, coordination of personnel.
Ongoing	PI: Phase II archaeological investigations at 16SB102. For GEC and the Port of New Orleans. Project oversight, agency coordination.
Ongoing	PI: Allen Parish; standing structure survey, NPS Hurricane Harvey grant. For APTC. Project on hold by APTC. Project oversight, coordination of personnel.
12/22-04/23	PI: Phase I archaeological survey of 240 ac at Western Maneuver Area, Hancock County, MS. For ERG and the Department of the Navy. Project completed on time and within budget. Project oversight, report editor, QA/QC.
06/22-07/22	PI: Additional research and survey of 624 Coulee St in Lake Charles and a "Gold Medallion" home at 31802 Burnell Rd in Gueydan. For CPRA. Project completed on time and within budget. Project oversight, co-wrote report, QA/QC, landowner coordination.
02/21-06/22	PI: Sabine Parish; standing structure survey, NPS Harvey grant. For SPTC. Project required a time extension due to natural disasters (completed within the agreed extension); completed within budget. Project oversight, co-wrote report, QA/QC, coordination of personnel.
09/21-04/22	PI: Phase I survey of 2256 Baronne Street, New Orleans. For REO and HANO. Project completed on time and within budget. Project oversight, co-wrote report, QA/QC.
09/20-02/21	PI: Phase I survey for the US 80 Widening Project EA (H.009932). For Fenstermaker and LADOTD. Project completed on time and within budget. Project oversight, co-wrote report, QA/QC.
03/19-05/19	PI; Archaeological Monitoring at the Scarsdale Pumping Station. For MR Pittman Group and FEMA. Project completed on time and within budget. Project oversight, co-wrote report, QA/QC.

16. Staff Experience:

04/19-12/19	PI (ESI): Phase I Survey of Bayou Cane Marsh Creation (PO-181). Project oversight, supervised fieldwork, wrote report, management recommendations.
01/17-12/19	Senior Project Manager (SPM) (ESI): Phase I survey for I-10 Improvements LA 415 to Essen Ln, Baton Rouge (H.004100). Project oversight, coordination of personnel, agency coordination, consultation facilitation, preliminary management recommendations.
01/14-12/19	SPM (ESI): Phase I survey for I-49, Inner City Connector, Shreveport (H.003915). Project oversight, coordination of personnel, agency coordination, consultation facilitation, preliminary management recommendations.
02/16-12/19	SPM (ESI): Phase I survey for US 90 Historic Bridges Replacement, St. Tammany and Hancock (H.000284 and H.000286). Project oversight, coordination of personnel, agency coordination, consultation facilitation, preliminary management recommendations.
04/15-05/15	SPM (ESI): Phase I survey for Improvements to LA1088 (H.010116). Project oversight, coordination of personnel, agency coordination, consultation facilitation, preliminary management recommendations.
01/14-12/14	PI (ESI): Phase III Excavations and Analysis at 16SB8/46. Project oversight, supervised fieldwork, wrote report, management recommendations.

Neel-Schaffer, Inc. has a long history of providing various services to DOTD through retainer/IDIQ type contracts. Since 2004, we have been selected by DOTD for retainer contracts which include the services that are advertised in this TAP IDIQ.

700-99-0332	Retainer Contract for Traffic Signal Study and Design (2004-2010)
700-99-0447	Retainer Contract for Traffic Signal Study and Design (2009 – 2013)
4400000691	Retainer Contract for Signal Timing Studies, Districts 61, 62 & 02 (2010-2014)
4400001777	Retainer Contract for Signal Timing Studies, Statewide (2010 – 2014)
4400001583	Retainer Contract for Safety Studies, Statewide (2012 – 2015)
4400002630	Retainer Contract for Traffic Engineering (2012-2015)
4400004064	Retainer Contract for Traffic Engineering (2014 – 2017)
4400004402	Retainer Contract for Safety Studies, Statewide (2014 – 2017)
4400004712	Retainer Contract for Traffic Signal Engineering (2014 – 2017)
4400004829	Retainer Contract for District 02 Traffic Signal Inventory (2014 – 2017)
4400004909	Retainer Contract for Stage 0 Studies, Statewide (2014 – 2017)
4400008851	Retainer Contract for Traffic Signal Engineering (2016 – 2019)
4400010504	Retainer Contract for Safety Studies, Statewide (2017 – 2022)
4400013850	IDIQ Contract for Design of Safety Projects, Districts 02, 61 & 62 (2019 – 2024)
4400015258	DIQ Contract for Stage 0 Studies (2019 – 2024)
4400016364	IDIQ Contract for ITS Design and Implementation Services, Statewide (2020 - 2025)
4400023689	IDIQ Contract for Safety Studies, Statewide (2022 – 2027)
4400024927	IDIQ Contracts for Roadway Design Services (2023 – 2028)
4400025298	IDIQ Contracts for Traffic Engineering

Section 17

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

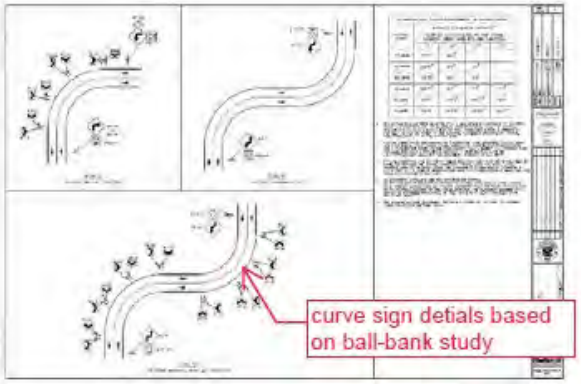
IDIQ Contract for Design of Transportation Alternatives Program Projects

17. Firm Experience:

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

This IDIQ contact with DOTD includes 11 separate projects which are contracted as task order contracts. This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design (preliminary and final Plans) and construction related engineering.

The following projects are included in this contract:



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

T.O. No. H.010108.1 – Independence SRTS – Phase II – This project includes approximately 4,100 feet of sidewalks, storm sewer drainage system, handicap curb ramps, and signage along LA 40, N. Oak St. and Pine St.

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

T.O. No. H.013713.1 – LA 60: Bogalusa H.S. Ped Improvements – This project will provide safety improvements which include a road diet, new crosswalks, sidewalks, signage, and new pavement markings. The project limits are along Avenue B (LA 60), Plaza Street and Red Cross Plaza.

T.O. No. H.013621 – W. 11th Avenue Ped and Bicycle Improvement – This project will provide safety improvements which include 2,000 feet of sidewalks, pavement markings, signage, and storm sewer drainage along W. 11th Avenue between S. Tyler (LA 21) to S. Jefferson Avenue.

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

T.O. No. H.013751 – Downtown Greenway LA Connector (BR) – This project will provide sidewalks and shared lanes on Louisiana Ave. and Eddie Robinson Sr. Dr. The project scope includes adding sidewalks, replacing driveway pavement, installing plastic pavement striping, and ADA-compliant curb ramps.

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

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

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

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

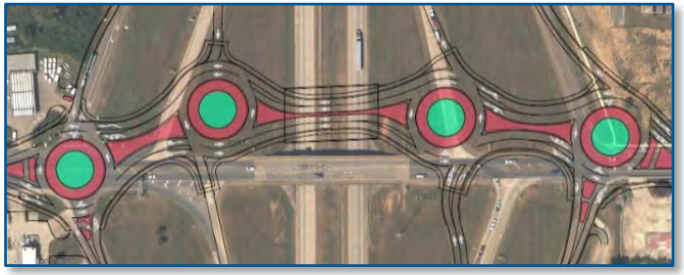
H.015011 Local Rd Signing & Striping (Acsension) 56 miles of roadway including 44 sites

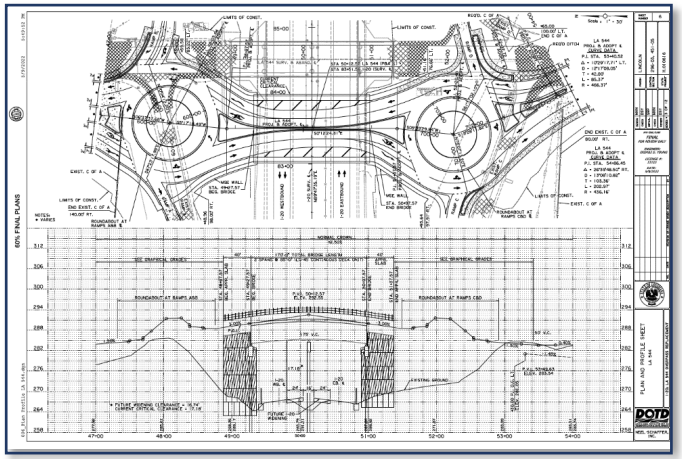
Key Personnel: Jerry Trump, Nick Ferlito, Dishili Young, Chance Shuckrow, Scott Andrepont, Mai Nguyen, Gary LeBlanc, Josh Schexnider, Jonathan Duhe, Phil Graves, Barry Brupbacher, Jacob Thiaville

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Category(ies)*	Road, Traffic	
Project name	**I-20: LA 544 Overpass Replacement**		Firm responsibility (prime or sub?)	Prime	
Project number	H.010616	Owner's name	LADOTD		
Project location	Lincoln Parish, LA		Owner's Project Manager	Jacob Fusilier, P.E.	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; (225) 379-1065; peggy.paine@la.gov				
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost ($1,000's)	$1,064		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$990		

Neel-Schaffer is currently working on the 95% final plans for this project. NSI is responsible for providing the **preliminary and final roadway plans, traffic control design QA/QC, TMP QA/QC, Sequence of Construction, hydraulic analysis and design,** and construction **cost estimates.** This project will replace the LA 544 Overpass diamond interchange with a roundabout diamond interchange. The project includes a new bridge over I-20, roadway widening (from two to four lanes), **sidewalks**, **bike path**, and four multilane roundabouts. The four roundabouts will be constructed with locations as follows: on LA 544 at the I-20 entrance/exit ramp intersections and on LA 544 at its intersections with the frontage roads (Woodward Avenue & S. Service Road). The bridge design and retaining wall design will be completed by DOTD.





Challenges:

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

Solutions:

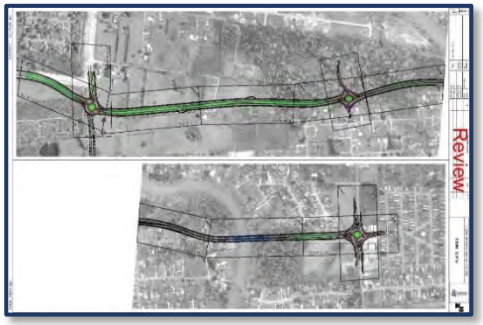
1. NSI provided for a variation in the ramp design speed (between the ramp proper and terminal) which provided ramp vertical alignments that met the design requirements but prevented changes in access that might require an IMR.
2. NSI completed the design in close coordination with DOTD early on and continually during the design process. NSI proposed alignments minimized the construction phasing for retainage walls, provided for interstate clearances which would allow for future interstate widening and simplified the bridge design effort for DOTD while minimizing impacts. NSI and DOTD are working as one team to successfully complete the project.

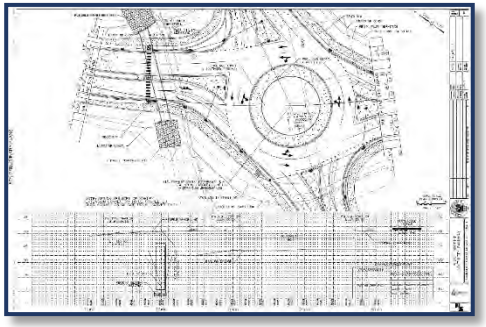
Key Personnel: Jerry Trumps, Dishili Young, Mai Nguyen, Chance Shuckrow, Scott Andrepont, Josh Schexnider, and Frank Standige

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

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Category(ies)*	Road, Traffic, Environmental	
Project name	**Southcity Parkway Extension**		Firm responsibility (prime or sub?)	Prime	
Project number	500-15-082/PO 156297	Owner's name	Lafayette Consolidated Government		
Project location	Lafayette, LA		Owner's Project Manager	Mitchell P. Wyble, PE	
Owner's address, phone, email	P.O. Box 4017 – C, Lafayette, LA 70502; (337) 291-8542 mhollier@lafayetteLA.gov				
Services commenced by this firm (mm/yy)	11/15	Total consultant contract cost ($1,000's)	$750		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$750		



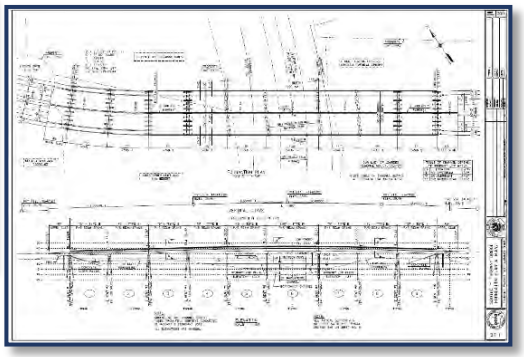


Southcity Parkway will provide a new 1.8-mile, 4-lane median divided roadway connecting US 167 (Johnston Street) with Kaliste Saloom Road, including **3 multilane roundabouts, bike and ped facilities,** and a **new fixed span bridge crossing** of the Vermillion River. The project also includes a **bike lane, sidewalks and shared use paths**. Neel-Schaffer, Inc. (NSI) is providing design services which include **roadway, bridge, and drainage design**. The roadway design is in conformance with the LADOTD guidelines with the use of MicroStation and InRoads.

Neel-Schaffer completed the roadway and bridge design, established US Coast Guard navigation clearances; completed an H&H analysis for the new proposed Vermilion River bridge crossing, obtained the no rise certification, and completed an H&H analysis for each drainage crossing and the roadway drainage system. The road design was completed using InRoads and MicroStation. The Vermilion River bridge crossing was analyzed using a one-dimensional unsteady flow model which was developed in HEC-RAS software. The roadway drainage for the 2 mile roadway corridor was analyzed with the use of LADOTD software. Peak flows were determined with the use of the rational method, with considerations for future development. The results were summarized in the form of a technical report.
In addition to providing the design services, Neel-Schaffer is also providing the environmental planning (Environmental Assessment, USCG permit, navigation studies), completed the public involvement, developed traffic forecasts, provided traffic analysis, and will provide construction services.

Key personnel: Jerry Trumps (Principal), Vijay Kunada (PM, Traffic forecast & analysis), Dishili Young, Mai Nguyen, Chance Shuckrow & Scott Andrepont (L&G Engineering), Barry Brupbacher (NEPA Documents, Public Involvement Lead and Navigation Study), Charles Adams, Russ Bryan

Project Relevance - Designed using the DOTD guidelines and software; includes similar design SOW (bridge design, roundabouts, roadway widening, roadway realignment and reconstruction). Project also includes lighting, shared use path and bike lanes



Neel-Schaffer, Inc.

17. Firm Experience:

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

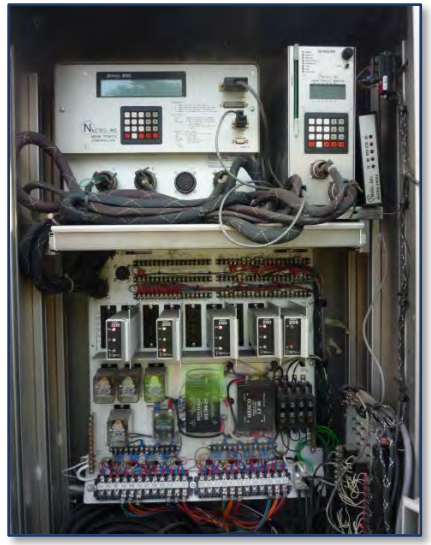
Under these retainer contracts, NSI developed and implemented new traffic signal timing plans studies for the following task orders.

Contract 4400000691

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

Contract 4400001777

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



Project Relevance – IDIQ Design of TAP Projects Task Orders (TO's) may include signal design; This project was designed using the DOTD guidelines; includes safety improvements; completed for DOTD under a TO Project

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

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

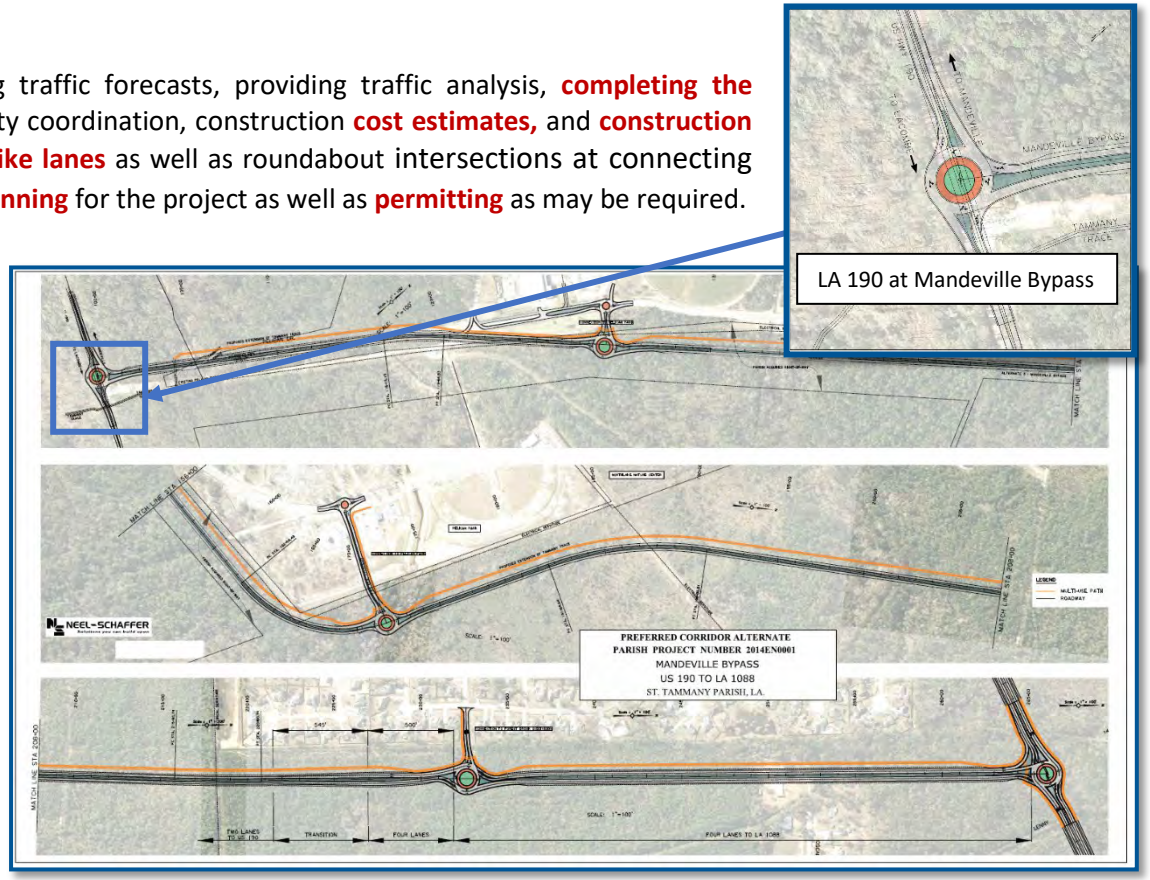
Key Personnel: Jerry Trumps, Nick Ferlito, Jonathan Duhe, Lonny Territo

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**		Past Performance Evaluation Category(ies)*	Road, Traffic, Environmental	
Project name	**Mandeville Bypass**		Firm responsibility (prime or sub?)	Sub	
Project number	N/A	Owner's name	St. Tammany Parish		
Project location	Mandeville, LA		Owner's Project Manager	Laura B. Gatlin, PMP	
Owner's address, phone, email	620 N Tyler Street, Covington, LA 70434,		Phone: 985.898.2552, Email: lcbeach@stpgov.org		
Services commenced by this firm (mm/yy)	07/15	Total consultant contract cost ($1,000's)		$2,000	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$450	

The Mandeville Bypass will provide a new 3-mile median section roadway with integral bike bath connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish.

Neel-Schaffer is managing the **public involvement**, developing traffic forecasts, providing traffic analysis, **completing the preliminary and final roadway plans, traffic control design,** utility coordination, construction **cost estimates,** and **construction support**. Project includes **shared use path, pedestrian bridge, bike lanes** as well as roundabout intersections at connecting state routes. Neel-Schaffer is also leading the **environmental planning** for the project as well as **permitting** as may be required.



Challenge: Pipeline conflicts
Solution: NSI coordinated closely with pipeline owners, assisted with locating lines and depths in the field and based on map data and provided revisions to drainage design to provide the necessary cover. The final roadside drainage included concrete lined ditches over the pipelines.

Key personnel involved: Jerry Trumps (Principal), Dishili Young, Scott Andrepont, Chance Shuckrow, (L&G Engineering) Barry Brupbacher, Vijay Kunada (Traffic forecast & analysis), Josh Schexnider.

Project Relevance - Designed using the DOTD guidelines and software; includes shared use path, pedestrian bridge and bike lanes.

17. Firm Experience:

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Category(ies)*	Surveying	
Project name	**St. Mary Street Sidewalks**		Firm responsibility (prime or sub?)		Sub
Project number	H.011833.5	Owner's name	LADOTD		
Project location	Scott, LA		Owner's Project Manager	Ryan Richard	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1232 Ryan.Richard@la.gov				
Services commenced by this firm (mm/yy)	08/21	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	On Going	Cost of consultant services provided by this firm ($1,000's)		$65	

Project Description: This project in Scott, LA, is to improve pedestrian movement and add sidewalks along the corridor. The survey limits began approximately 200' before the centerline intersection of St. Mary Street and Park West Drive, then continued South to the intersection of St. Mary Street and Cameron Street (LA 93) for an estimated total distance of one (1) mile. The survey width included ten {10) feet outside of the apparent right of way. All side streets were surveyed sixty (60) feet from the intersection of the centerline with the St. Mary Street Centerline.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; CJ Goodspeed, SUE PM; Tracey Smith, SUE Field Coordinator; Phil Dupree, Sr. Party Chief; Trent Norris, 3D Scanning Tech; Scott Benton, 3D Scanning Tech; Alex Wells, Party Chief; Jason Stoehr, Party Chief; Drennon Humphreys, Instrument Man; Madison Mills, PLS, Survey Tech; Brad Jacobs, EI, Survey Tech

Performed in LA: 100%

17. Firm Experience:

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Category(ies)*	Surveying	
Project name	**LA 182: Roundabout at Hollywood Road**		Firm responsibility (prime or sub?)		Sub
Project number	H.010890.5	Owner's name	LADOTD		
Project location	Terrebonne Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-279-1232 Joshua.Harrouch@la.gov				
Services commenced by this firm (mm/yy)	07/15	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	08/15	Cost of consultant services provided by this firm ($1,000's)		$55	

Project Description:
This project required a topographic survey along a portion of the existing routes of LA 182 and Hollywood Road, including all utilities as provided by utility companies and all drainage. This task included finish floor elevations of all buildings that fall in the survey limits. This project was completed in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation procedures.

CD&C's Role:
CD&C began the survey at the intersection of LA 182 and N. Hollywood Road. This intersection is referred to as the Point of Beginning in this scope. From this Point of Beginning, the survey and DTM shall cover a radius of 175 feet from the above Point of Beginning, the survey proceeded in a northeasterly direction along LA 182 for approximately 600 feet. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures and all deliverables were in LADOTD required formats.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E., PM & Engineer; Ralph Burgess, PLS, Survey Manager; Trent Norris, Rodman; Erik Norris, Party Chief; John Ewing, Survey Technician.

Performed in LA: 100%

17. Firm Experience:

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Category(ies)*	Surveying	
Project name	**LA 30 Roundabouts at Tanger I-10**		Firm responsibility (prime or sub?)	Sub	
Project number	H.010960.5-2	Owner's name	LADOTD		
Project location	Ascension Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-279-1232 Joshua.Harrouch@la.gov				
Services commenced by this firm (mm/yy)	07/17	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm ($1,000's)		$85	

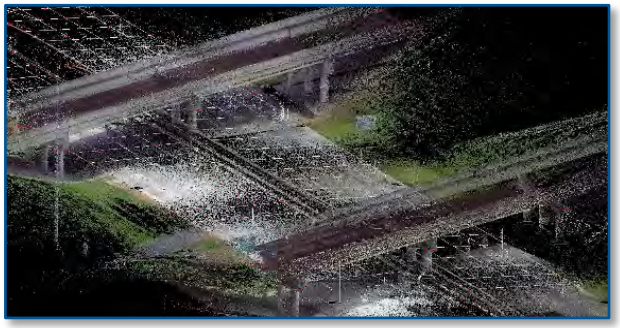
Project Description: This project located in Ascension Parish is an addition to existing topographic surveys for H.011897.5 and H.011873.5. A complete topographic survey including all utilities with depths and all drainage is required, along with finish floor elevations of all buildings that fall within the survey limits. Project begins at a point approximately 765' west of the intersection of LA 30 and South St. Landry Avenue. From this point the project shall proceed east, along LA 30 ending approximately 500' west of the intersection of LA 30 and Veterans Boulevard. The project total distance is approximately 3,352'. The width of survey and DTM shall vary.

In 2018, CD&C was supplemented to update this survey to account for construction that was being completed along the route. As part of this supplement, the firm also was scoped to complete an existing drainage map for the project.

CD&C's Role: CD&C completed a topographic survey between H.011897.5 and H.011873.5 along LA 30 in Gonzales. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Control was set for the scanning throughout the project limits. CD&C coordinated with Cardno, Inc. (on utility location retainer with LADOTD) for all the utility information and supply the survey data back to Cardno for their submittal. Another aspect of this project is CD&C had to merge the previous surveys with this project in order to make a complete survey of the LA 30. This was performed at the request of LADOTD.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; John Ewing, Survey Technician; Phil Dupree, Sr. Party Chief; Trent Norris, 3D Scanning Tech; Jacob Stoehr, Party Chief;

Performed in LA: 100%



17. Firm Experience:

Firm name	**Smith, Parrish, & Atkins Resource Consultants, LLC**		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	**US 80 Widening: Vancil Road to Well Road Environmental Assessment, Route US 80**		Firm responsibility (prime or sub?)	Sub	
Project number	H.009932	Owner's name	C.H. Fenstermaker & Associates, LLC		
Project location	Monroe, Ouachita Parish, Louisiana		Owner's Project Manager	Bliss Bernard	
Owner's address, phone, email	135 Regency Sq., Lafayette, LA, 70508; 225-344-6701; bliss@fenstermaker.com				
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	02/21	Cost of consultant services provided by this firm ($1,000's)		8.8	

In September 2020, Smith, Parrish, & Atkins Resource Consultants, LLC (SPARC) was hired by C.H. Fenstermaker & Associates, LLC (Fenstermaker) to complete the Phase I survey and report of investigations initiated by Earth Search, Inc. (ESI) for the proposed U.S. Highway 80 (US 80) improvements project in the West Monroe community of Claiborne, Ouachita Parish, Louisiana. The archaeological survey, which **Mr. Jason Parrish** completed on behalf of ESI, did not record any sites or cultural deposits in the surveyed new ROW. **Ms. Shawna Atkins** completed the standing structure survey and recorded 19 buildings. Most of the structures are residences, with two commercial buildings, and one church. None of the structures were recommended eligible for the National Register of Historic Places (NRHP) under any criteria or criteria consideration (36 CFR 60.4). SPARC recommended that the proposed improvements to US 80 would have no effect on historic resources. **Ms. Rhonda Smith served as Principal Investigator (Archaeologist), Mr. Parrish as Project Manager (Archaeologist), and Ms. Atkins as Architectural Historian. Ms. Smith, Mr. Parrish, and Ms. Atkins** co-authored the report and **Ms. Smith** made the management recommendations. The project was completed on time and within budget.

17. Firm Experience:

Firm name	**Smith, Parrish, & Atkins Resource Consultants, LLC**		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	**Phase I Archaeological Survey of 240 Acres at Western Maneuver Area**		Firm responsibility (prime or sub?)	Sub	
Project number	N/A	Owner's name	Environmental Research Group, LLC		
Project location	Nicholson, Hancock County, Mississippi		Owner's Project Manager	Jim Pritchard	
Owner's address, phone, email	6049 Falls Road, Baltimore, MD 21209; 502-715-1763; jim.pritchard@envrg.com				
Services commenced by this firm (mm/yy)	12/22	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	04/23	Cost of consultant services provided by this firm ($1,000's)		111	

SPARC, under contract to Environmental Research Group, LLC (ERG), conducted a Phase I archaeological survey of a 240-acre area in the Navy's Western Maneuver Area (WMA) Riverine Range, Hancock County. The project area is composed of five individual parcels (Parcels 1-5) and was surveyed to identify historic and/or prehistoric archaeological resources, make preliminary NRHP eligibility assessments, and provide management recommendations for future work based on the survey data. The survey was conducted in compliance with Section 110 of the National Historic Preservation Act (NHPA) of 1966 (PL 89-665), as amended, and the Archaeological and Historic Preservation Act of 1974 (PL 93-291), as amended, and was performed by **Mr. Jason Parrish**. The archaeological survey was conducted in accordance with pertinent U.S. Navy, federal, state, and municipal laws and regulations.

The survey consisted of shovel testing systematically on a 30-meter grid across the survey areas. In addition, numerous judgmental shovel tests were excavated in topographically elevated areas and in the ten defined topographic anomaly areas. Shovel test results identified six new archaeological sites (22HA800, 22HA801, 22HA802 22HA803, 22HA804, and 22HA805), an isolated find (Locus 2), and a modern trash scatter (Locus 6). One previously recorded archaeological site was resurveyed (22HA590). The new archaeological sites contain scant artifacts, exhibit signs of disturbance due to mining and forestry activities, and are ineligible for nomination to the NRHP. Testing conducted at the previously recorded site yielded no cultural materials. No further work is recommended within the survey area.

Ms. Smith served as Principal Investigator (Archaeologist) and Mr. Parrish as Project Manager (Archaeologist). Ms. Smith and Mr. Parrish co-wrote the report and **Ms. Smith** made the management recommendations. The project was completed on time and within budget.

17. Firm Experience:

Firm name	**Smith, Parrish, & Atkins Resource Consultants, LLC**		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	**What Have the Old Buildings Seen? Standing Structure Survey Sabine Parish**		Firm responsibility (prime or sub?)	Prime	
Project number	N/A	Owner's name	Sabine Parish Tourist & Recreation Commission		
Project location	Sabine Parish, Louisiana		Owner's Project Manager	Georgia Craven	
Owner's address, phone, email	1601 Texas Hwy., Many, LA 71449; 318-256-5880; georgia@toledobendlakecountry.com				
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost ($1,000's)		82	
Services completed by this firm (mm/yy)	06/22	Cost of consultant services provided by this firm ($1,000's)		82	

The Sabine Parish Tourist & Recreation Commission (SPTC) was the recipient of a historic preservation grant from the Louisiana Division of Historic Preservation (DHP), Office of Cultural Development, in the Louisiana Department of Culture, Recreation, and Tourism, Baton Rouge. The grant funds originated from the U.S. Department of the Interior's Historic Preservation Fund (HPF), which is administered through the National Park Service (NPS). Sabine Parish was one of nine parishes eligible for the grant funds due to impacts from Hurricane Harvey in 2017. SPTC contracted SPARC to complete a survey and inventory of previously recorded structures, to record additional properties, and to complete preliminary evaluations of the resources based on NRHP criteria.

According to DHP records, more than 1,600 historic era properties (generally buildings and cemeteries) had been recorded in Sabine Parish; however, the last comprehensive survey was undertaken in the 1980s. It was unknown how many of the buildings still existed. Therefore, the SPTC prioritized a survey to determine whether or not the previously recorded structures were extant and to assess their current conditions. SPARC was able to relocate and confirm the existence of 1,005 previously recorded buildings. SPARC confirmed the loss of 559 previously recorded structures across the parish. SPARC also recorded 69 previously undocumented historic properties (buildings and cemeteries). The DHP assigned these 69 properties Louisiana Historic Resource Inventory numbers (LHRI #) (43-01656 to 43-01726). As required by NPS, the survey utilized the digital form, called CRSurveyor Field Maps cultural resource survey tool (CRSurveyor app) to record the properties.

The vast majority (n=844) of buildings documented during the survey are residences. Sabine Parish has a number of house forms that were constructed during settlement and early growth. These included dog trots, central halls, hall parlors, shotguns, pyramidal cottages, and gable ells. In addition, numerous civic buildings, churches, and cemeteries were documented. SPARC recommends that there are numerous properties across Sabine Parish that are eligible for nomination to the NRHP. These include buildings that are considered significant because their architectural form and style; however, there are many more buildings and cemeteries that are NRHP eligible because of their contributions to historic settlement, timbering, commerce, transportation, and a variety of other historic themes that are important to the overall development of the parish. The survey has made it clear that there are many historic preservation opportunities in Sabine Parish.

Ms. Smith served as Principal Investigator (Archaeologist) and Ms. Atkins as Architectural Historian. Ms. Smith and Ms. Atkins co-authored the report and **Ms. Smith** made the management recommendations. The project was completed on time and within budget.

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

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

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

Section **18**

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

IDIQ Contract for Design of Transportation Alternatives Program Projects

18. Approach and Methodology:

BACKGROUND

The Transportation Alternatives Program (TAP) includes task order projects which require feasibility studies, planning/environmental services, design services, and engineering design support during construction. The task order projects included in this program offer safety improvements which include but are not limited to sidewalks and the associated drainage, signing and striping, pedestrian crossings, traffic signals, shared lanes, and shared paths. We are currently providing these services for 13 task order projects as part of our existing Design of Safety Studies projects IDIQ contract and collectively we have worked on **over 140 projects with safety improvements**. We understand the approach to completing these projects and have provided a summary in the sections which follow.

APPROACH AND METHODOLOGY

We understand that the required deliverables vary based on project complexity. In the sections which follow we provided an all-inclusive approach to delivering the project with the understanding that *these submittal stages and the level of detail for each submittal may be scaled down based on DOTD PM approval.*

The DOTD PM can request that we provide services for task orders which are at the Stage 0 feasibility phase or at the Stage 3 design phase. We have successfully executed services for projects which we begin working on at both stages. This means we understand the value of a detailed, clearly presented feasibility study, that can be easily transitioned to a separate consultant, when/if required. We also understand how to bridge data gaps if required for a project which has been completed by others in Stage 0 but needs supporting data to effectively proceed in Stage 3. Regardless of the initial project stage or services required, we are prepared to provide services for every stage and project type.

Stage 0: Feasibility Study

Project Feasibility Reports – When requested by the DOTD PM, we will complete a feasibility study for the task order projects. The Feasibility Study phase will begin with a kickoff meeting attended by the DOTD PM, the entity and NSI. During the feasibility study services may be required for traffic studies, technical assistance and/or Bike and Pedestrian Plan Development may be required. We have worked on **over 50 Stage 0 projects with safety improvements.**

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

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

Technical Assistance – We will meet with Local Public Agencies (LPAs) to assist in TAP project conceptual development and application preparation for new TAP projects during the Call for Projects cycle. We understand the types of projects which are eligible under this program and the types of data required for the selection process. We are already providing similar services to the City of Monroe. **We assisted with 8 projects and a total of 22 site applications for the City of Monroe.**

Bike and Pedestrian Plan Development – We will assist the LPA's with the development of a Bike/Pedestrian Plan. We can help identify possible origin and destinations, areas which require connectivity and review the existing roadway section (apparent right-of-way, lane width, buffer width) to determine what type of pedestrian or bike facility would be most appropriate. We have already completed this task for several local entities throughout the state.

Stage 1: Planning /Environmental

The environmental clearances and permits for these projects typically require minimum effort. In this situation, the consultant only plays a supportive role. We are currently serving this supportive role for the Design of Safety projects by providing the information required to obtain driveway permits and other similar permits. However, we are prepared to complete all services required for environmental, permit plans and permit preparation, if requested. We have experience in providing this service for DOTD for both complex environmental projects (such as EIS's and EA) and simple projects.

Historic Preservation – When the Louisiana State Historic Preservation Officer (LASHPO) requests additional cultural resources survey or information. We are prepared to provide the Louisiana Historic Resource inventory form, Phase 1 Cultural Resources survey, or Phase II archaeological testing. We have staff who has completed this field work and provided the documentation for other DOTD projects. This work will be completed in conformance with the current Louisiana Division of Archaeology and Historic Preservation field and reporting standards and all coordination with the LASHPO will be in accordance with the DTOTD Section 28 Environmental Cultural Resources staff.

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

of support to DOTD on other projects, and we have also completed the services independently when required.

Permit Preparation – When requested we will complete the draft applications for the Coastal Use Permits and/or Corps of Engineer Permits or other permits including railroad permits, to be submitted by DOTD or local entity. One recent example is where have successfully obtained a 404 Permit and Coast Guard permit with no-rise certification for a new roadway and bridge crossing the Vermilion River recently as part of an EA and road design project we completed for the City of Lafayette.

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

Design Services

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

Design Kickoff Meeting: NSI will attend the kick-off meeting where the project background, communication protocols, project schedule and submittal stages will be discussed. This meeting provides an opportunity to confirm the expectations of attendees and obtain/request existing information which may not have been previously provided to the consultant. When properly conducted, this meeting can prevent issues as the project advances. The ROW width will be requested from the applicant at this meeting for incorporation into the plans.

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

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

Survey Services: Our subconsultant, CDC, will complete the surveying services, including existing drainage mapping. This task will begin with obtaining the numbered schedule field survey books from DOTD and a submittal of a survey line sketch for review and approval.

The topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site.

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

Topo surveys are required for all sidewalk projects with associated drainage improvements but are not included for projects which can be completed on aerial imagery. Typically, the topo survey limits will only extend from the centerline of the roadway towards the side of the road with proposed sidewalks. The survey will be completed for each of the intersection quadrants at intersections with existing walks to allow for the construction of ADA compliant ramps.

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

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

Preliminary Plans

The approach to plan development for these projects are unique. They provide the most effective use of resources by minimizing the number of plan submittal stages. For example, depending on the proposed improvements the first submittal may be a 95% Preliminary Plan submittal, which allows for environmental clearance and expedited

project delivery. If projects include more complex improvements (such as, pavement widening and drainage) additional submittals like the standard 60% Preliminary Plans submittal may be required in addition to the 95% Preliminary Plan submittal. We are currently working on **over 20 projects which include Safety improvements and require Stage 3 services.**

Our *traffic control and signal design* will use DOTD's EDSM VI.1.1.2 Intersection Control Evaluation (ICE) Requirements to determine if a full access intersection is the preferred alternative and if Warrant 1A (100%), Eight-Hour Vehicular Volume or Warrant 7, Crash Experience, are met in accordance with the requirements outlined in the latest version of the Manual on Uniform Traffic Control Devices (MUTCD). If a full access signalized intersection is required, the traffic signal will be designed in accordance with DOTD's Traffic Signal Manual V3 (7-1-2020), standard specifications and standard details. The traffic signal plans will use DOTD's Traffic Signal Inventory Construction Plan V3.2 form for developing the plans.

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

Our *drainage design* will be completed in conformance with the DOTD Hydraulics Manual. We will utilize LADOTD HydroWIN software for open channel flow (Hydro1140), inlet spacing (Hydro6000), analysis of culverts (Hydro1120) and storm sewer system design (Hydro6020). If a major crossing is within the project limits, we will utilize HEC-RAS to model the water surface profiles. We will pull FEMA flood maps to determine if the project is within the 100yr floodplain and if required we have the capability of completing a no-rise analysis.

30% Preliminary Plans (if required): We understand that the required deliverables vary based on project complexity. Typically, 30% preliminary plans are not required for the TAP program. However, we will provide 30% Preliminary Plans (if required) for more complex task orders. If the project managers agree, for the less complex projects, we will proceed with the development of 60% or 95% preliminary plans for the initial submittal, instead. This will expedite the schedule and provide an efficient use of DOTD review staff time/effort.

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

60% Preliminary Plans: Our 60% preliminary plan set will include all the sheets previously submitted during 30% preliminary plans but at a higher level of detail. In addition, the existing drainage map, proposed drainage map, drainage plan and profiles, geometric details, cross sections, preliminary design report, construction notes and details and the drainage report will be submitted at the 60% preliminary plan milestone. This phase typically begins the utility relocation recommendation phase, establishment of preliminary right-of-way takings (if applicable). We will refine the geometry submitted during the 30% Preliminary Plan submittal to address comments and model the corridor utilizing Power InRoads (SS2) and the topo dtm file provided by CDC. The pavement section (when required) provided by DOTD will be utilized to create InRoads templates and check for the required construction and hydraulic clearances. The drainage design and report will be completed during this phase. Our drainage design will comply with the DOTD Hydraulics Manual and will utilize DOTD's HYDRWIN software. The roadway drainage system will be designed utilizing the rational method for a 10-year design storm. We have recently provided drainage design along multiple roadways as part of our IDIQ retainer contract.

95% Preliminary Plans and Plan-In-Hand (PIH): The 95% Preliminary Plan submittal will include all of the sheets previously submitted but in more detail. This submittal will include the traffic signal plans (if applicable). The traffic signal plans will consist of the proposed signal equipment layout sheets and proposed signal phasing and timing based on the intersection geometry. This will include signal pole locations, power source location, traffic control cabinet/control, vehicular and pedestrian signal heads, and vehicle detection.

This submittal will also include the summary of estimated quantities sheets (pay items only) and the suggested sequence of construction sheets. The comments from the 60% Preliminary Plans will be addressed, preliminary right-of-way taking lines will be completed. The Preliminary QA/QC checklist and Plan-In-Hand Checklist will be completed during this phase. Should a PIH meeting be requested, we will attend and summarize comments.

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

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

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

60% Final Plans: We will submit updates of the deliverables included in the 60% preliminary plan submittal in addition to the Summary sheets and Construction notes for review. Typically, the Design of Safety Projects do not require right-of-way. These improvements take place within the existing right-of-way and any required right-of-way is obtained by the Entity. However, we are prepared to offer it, if requested by the DOTD PM. Property surveys will be required and Right-of-way maps will be prepared so that the joint plan review meeting can be held. If updates are required to the Design Report, they will be submitted at this time.

The traffic signal plans will include the final signal equipment layout, proposed signal phasing and timings, traffic signal wiring diagram/wiring chart, a list of potential pay items and summary quantity sheets, without quantities, will be developed and any required design reports will be provided.

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

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

95% Final Plans: We will revise the preliminary cost estimate, complete the constructability review form and the Final Plans QA/QC Form during this phase.

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

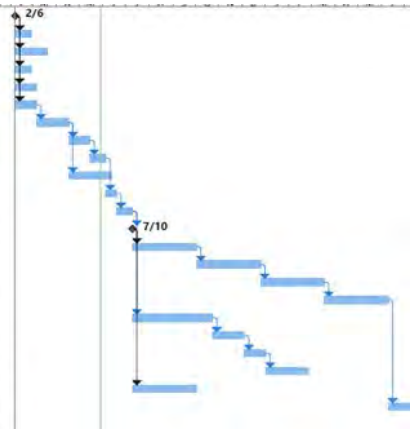
98% Final Plans: We will address the ACP comments and complete the final cost estimate, provide the SWPPP form, NOI form, and provide the DOTD Contract Time Worksheet. During this phase, the Plan Quality Unit will review and once approved, we will produce the 100% Final Plan Set for the Chief Engineer's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

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

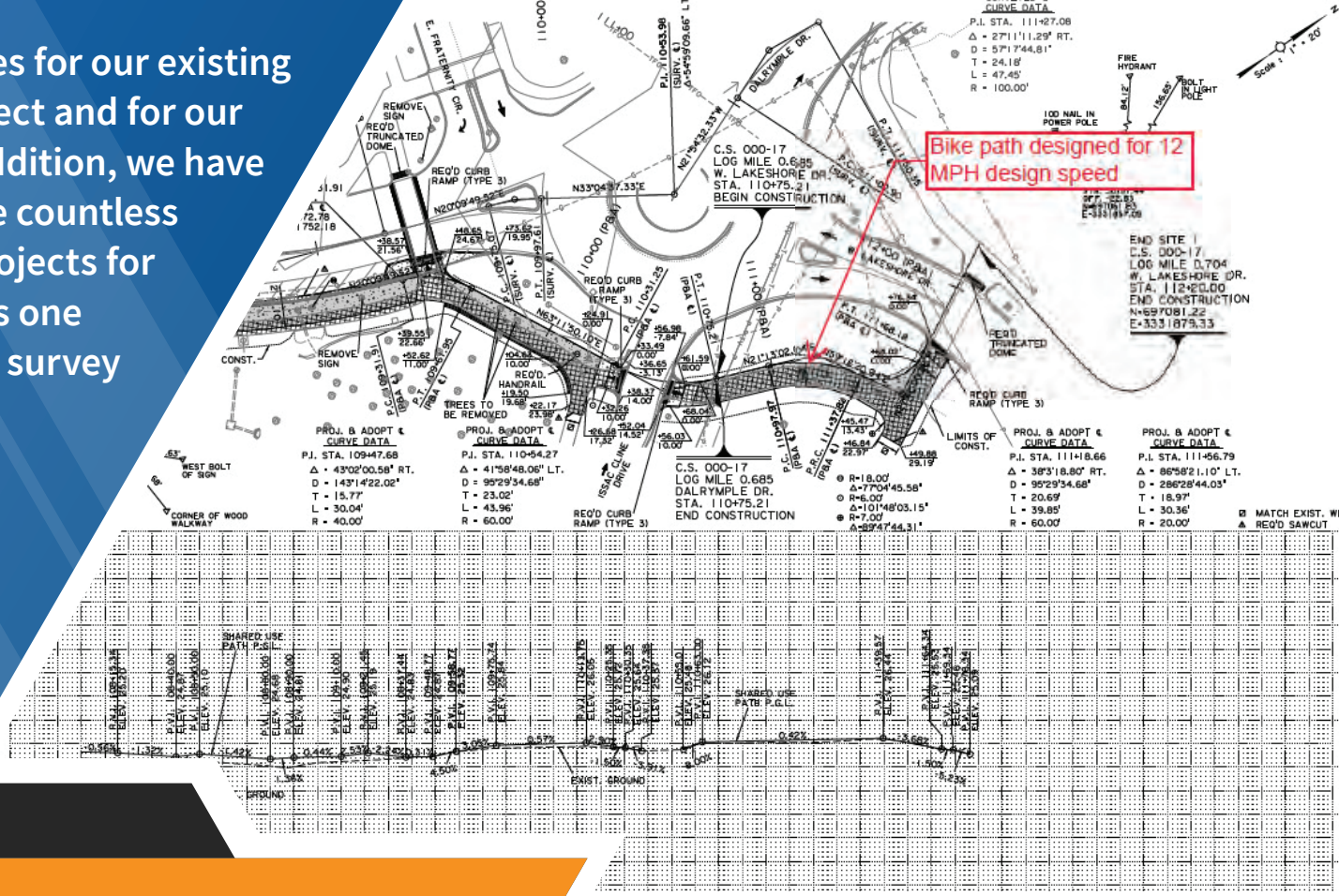
100% Final Plans: We will submit 100% signed Final Plans (Full Size Plan Set with Mylar Title Sheet) along with an electronic submittal. During this phase, the plans are transmitted to General Files. With this submittal, the final stamped and signed traffic signal plans will be provided. The signal equipment layout will be provided along with the final traffic signal wiring diagram, signal phasing and timing charts, detection chart, preemption phasing and parameters (if required) pay items and estimated quantities, opinion of estimated traffic signal construction cost and technical specifications.

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

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



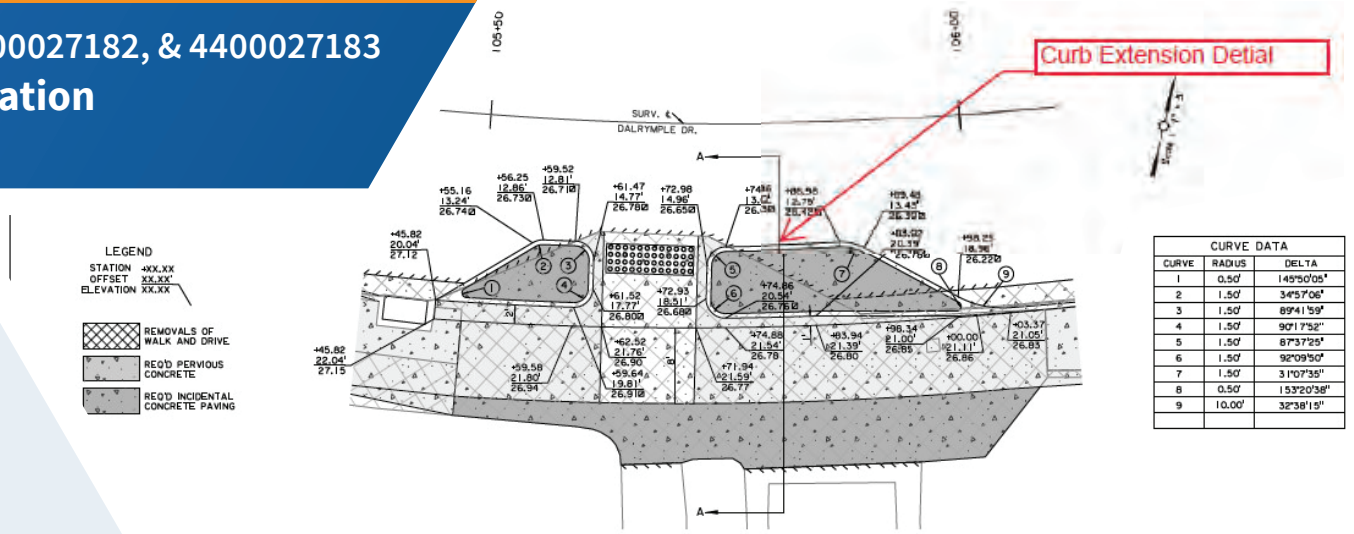
CDC has provided surveying services for our existing IDIQ Roadway design Services project and for our IDIQ design of safety projects. In addition, we have worked with SPAC's staff to provide countless services for cultural resource on projects for DOTD. The image to the right shows one project we designed based on topo survey provided by CDC.



Section 19-23

Contract Nos. 4400027180, 4400027181, 4400027182, & 4400027183

IDIQ Contract for Design of Transportation Alternatives Program Projects



19. Workload

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Neel-Schaffer, Inc.	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide (PRIME)	$55,425
Neel-Schaffer, Inc.	Road	SPN 4400005673	I-49 South at Verot School Road, Lafayette Parish, (SUB)	$201,939
Neel-Schaffer, Inc.	Traffic	4400010428 S.A. 4, H.004774; H.007300.6	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	$1,400
Neel-Schaffer, Inc.	ITS	4400010428 EWL #3; H.004774.5, H.007300	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	$1,127
Neel-Schaffer, Inc.	Traffic	4400010428 S.A. 5, H.004774; H.007300.6	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	$9,964
Neel-Schaffer, Inc.	Road	4400013850, H.009290.5	LSU Lab School SRTS Project	$13,000
Neel-Schaffer, Inc.	Planning	4400015733, H.972374.1	Local Public Agency Documented Planning Process, Statewide	$191,355
Neel-Schaffer, Inc.	Road	4400017293, H.010616	I-20: LA 544 Overpass Replacement	$26,300
Neel-Schaffer, Inc.	ITS	4400016364, H.013256.6	ITS: I-10 ITS Scott to Lake Charles Technical Support Services During Construction	$12,233
Neel-Schaffer, Inc.	ITS	4400016364, H.011504.5	Alexandria ITS Phase 2	$95,738
Neel-Schaffer, Inc.	ITS	4400016364, H.015136.1	Northshore Regional ITS Architecture Update	$44,619
Neel-Schaffer, Inc.	Traffic	44-17438, H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville & WBR	$182,033
Neel-Schaffer, Inc.	Traffic	4400013850, H.013622.5	LRSP Ardenwood Dr. Road Diet	$3,954
Neel-Schaffer, Inc.	Traffic	4400018271, H.014746.1	LA 383 Corridor Study	$14,255
Neel-Schaffer, Inc.	Planning	4400018271, H.014746.1	LA 383 Corridor Study	$105,500
Neel-Schaffer, Inc.	Safety	440023689, H.015148.5	District 03 Safety Investment Plan	$209,220
Neel-Schaffer, Inc.	Planning	4400021094	Update Statewide Transportation Plan and Travel Demand Model	$218,474
Neel-Schaffer, Inc.	Other (Safety)	4400023689, H.015227.5	US 61 @ Victoria Dr. Ped Crossing	$62,166
Neel-Schaffer, Inc.	Traffic	4400026458, H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	$169,073
Neel-Schaffer, Inc.	Planning	4400018271; HOl 1242	LA 384 (Big Lake Rd to McNeese Street)	$561,345
Neel-Schaffer, Inc.	Road	4400024927, H.0 15226.5	US 90: Roundabout at LA 101	$377,801
Neel-Schaffer, Inc.	Road	4400013850, H.015011.5	Local Rd. Striping & Signing (Ascension)	$3,759
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	89,482
Civil Design & Construction, Inc.	Surveying	H.011833.5	St. Mary Street Sidewalks	3,236
Civil Design & Construction, Inc.	Surveying	H.011235.5	I-49 South @ Verot School Rd	194,801

Civil Design & Construction, Inc.	Surveying	H.011235.5	I-20: UPRR Overpass	243,302
Smith, Parrish, & Atkins Resource Consultants, LLC	Environmental	4400009281, H.009932	US 80 Widening: Vancil Road to Well Road Environmental Assessment, Route US 80	N/A

20. <u>Certifications/Licenses:</u>

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

Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles LeBoeuf

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles LeBoeuf

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles LeBoeuf

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Gary Leblanc

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion

presented to

Gary Leblanc

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion

presented to

Gary Leblanc

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion

presented to

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Santosh Andem

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Santosh Andem

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018

Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Santosh Andem

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Vijay Kunada

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Vijay Kunada

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Vijay Kunada

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: December 17, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

21. QA/QC Plan:

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

22. Sub-consultant information:

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	225-765-1803
Smith, Parrish, & Atkins Resource Consultants, LLC	1527 Gause Blvd., Suite #133Slidell, LA 70458	Rhonda L. Smith, M.A., RPA rhondalsmith@sparc-llc.com	985-214-9573

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