



STATEMENT OF QUALIFICATIONS

Engineering and Related Services

CONTRACT NO. 4400024832
IDIQ Contracts for Roadway Design Services
District 03

September 29, 2022

Project Manager

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

Neel-Schaffer provides comprehensive design services which include the tasks shown in this SOQ. Our past experience includes complex design services such as interchange design and microsimulation as well as less complex design associated with turn lanes, signal upgrades and drainage culvert extensions. We will utilize this experience to seamlessly complete the TO's included in this IDIQ contract.



Sections 1-11

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District 03

NSI has completed traffic control design, traffic signal analysis and design for countless projects for DOTD.




DOTD FORM: 24-102


(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract title as shown in the advertisement	IDIQ Contracts for Roadway Design Services District 03
2. Contract number(s) as shown in the advertisement	CONTRACT NO. 4400024832
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	 NEEL-SCHAFER <i>Solutions you can build upon</i>
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 Senior Project Manager 225-614-2816 Dishili.young@neel-schaffer.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Jerry Trumps Executive Vice President - Southwest Region 337-232-6111 jerry.trumps@neel-schaffer.com

<p>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.</p>	<p>Signature (shall be the same person as #9):</p>  <p>Date: September 29, 2022</p>					
<p>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.</p>	<table border="1"> <thead> <tr> <th>Firm</th> </tr> </thead> <tbody> <tr> <td>Civil Design & Construction, Inc.</td> </tr> </tbody> </table>	Firm	Civil Design & Construction, Inc.	<table border="1"> <thead> <tr> <th>Firm's Percent</th> </tr> </thead> <tbody> <tr> <td>5%</td> </tr> </tbody> </table>	Firm's Percent	5%
Firm						
Civil Design & Construction, Inc.						
Firm's Percent						
5%						



Sections 12-15

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As part of our Stage 3 projects, NSI has completed hydraulic analysis and design for many projects along LADOTD highways.

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for **each past performance evaluation discipline**, as well as the overall total percent of the contract.

Evaluation Disciplines	Percent of Overall Contract	Neel-Schaffer	Civil Design and Construction	Crescent Engineering & Mapping	Each Discipline must total to 100%
Road	75%	100%	0%	0	100%
Traffic	15%	100%	0%	0	100%
Survey	5%	0%	100%	0	100%
Bridge	5%	0%	0%	100%	100%
	Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	90%	5%	5%	

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (xxxx)" and include the classification title inside the parentheses. 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	9	11
Neel-Schaffer, Inc.	Principal	2	2
Neel-Schaffer, Inc.	Supervisor - Eng.	1	2
Neel-Schaffer, Inc.	Supervisor - Other	1	1
Neel-Schaffer, Inc.	Senior Technician	2	3
Crescent Engineering & Mapping, LLC	Supervisor - Engineer	1	1
Crescent Engineering & Mapping, LLC	Engineer	1	2
Crescent Engineering & Mapping, LLC	Technician	1	1
Civil Design & Construction, Inc.	Supervisor Engineer	1	1
Civil Design & Construction, Inc.	Engineer Intern	1	1
Civil Design & Construction, Inc.	Surveyor	2	2
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	2	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	3	5
Civil Design & Construction, Inc.	Supervisor - Other	1	1

14. Organizational Chart:

CONTRACT NO. 4400024832

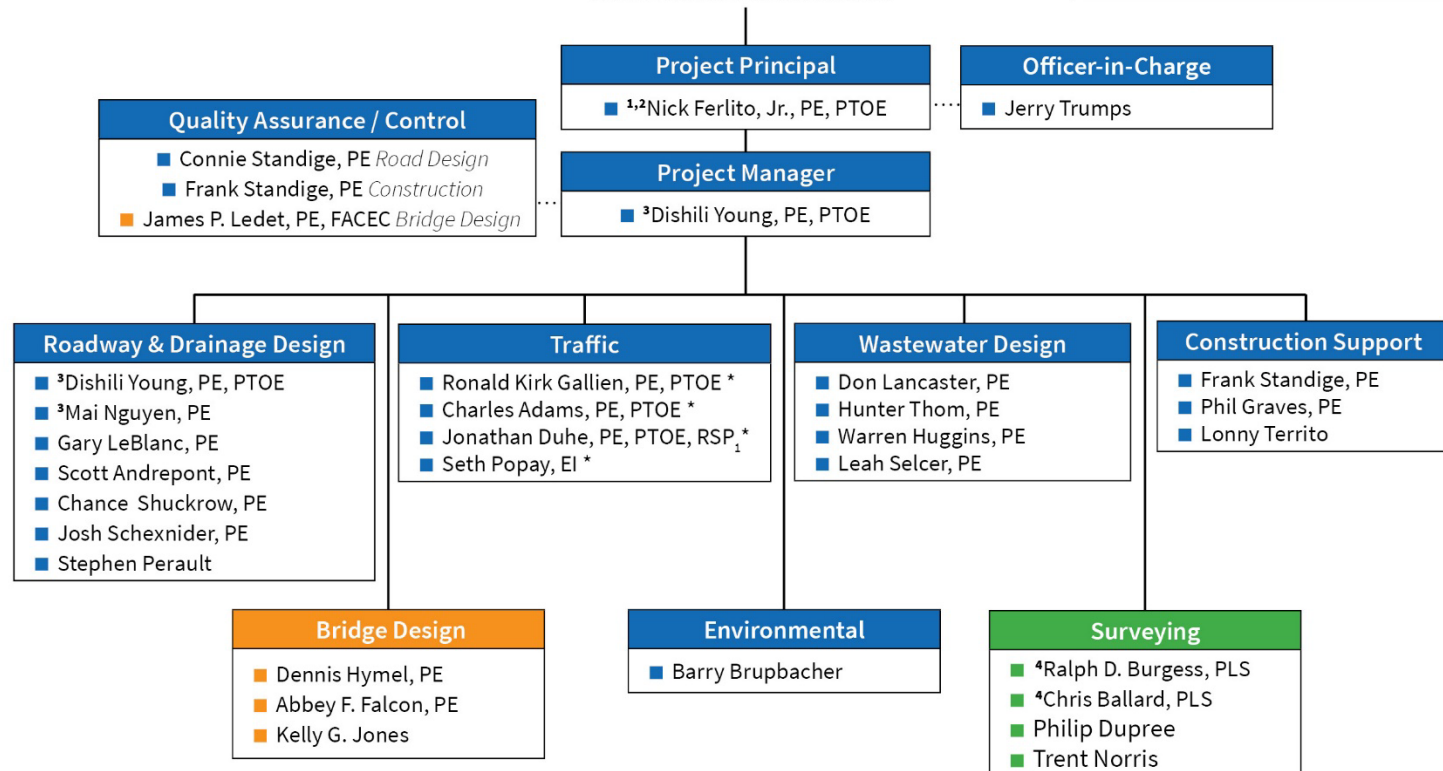
IDIQ Contracts for Roadway Design Services
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■ Neel-Schaffer, Inc.
■ Civil Design and Construction, Inc.
■ Crescent Engineering & Mapping, LLC

- ¹ Meets MPR No. 1
- ² Meets MPR No. 2
- ³ Meets MPR No. 3
- ⁴ Meets MPR No. 4

* Personnel performing traffic engineering analysis



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

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 / certification & Number	State of license	License / certification expiration date
1	Nick Ferlito, PE, PTOE	Neel-Schaffer, Inc.	PE 0028001	LA	09/30/2023
2	Nick Ferlito, PE, PTOE	Neel-Schaffer, Inc.	PE 0028001	LA	09/30/2023
3	Dishili Young, PE, PTOE	Neel-Schaffer, Inc.	PE 0033723	LA	09/30/2024
3	Mai Nguyen, PE	Neel-Schaffer, Inc.	PE 0038189	LA	03/31/2024
4	Ralph Burgess, PLS	Civil Design & Construction, Inc.	PLS# 5040	LA	09/30/2024
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS# 5033	LA	09/30/2024



Section 16

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

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Jerry Trumps		Years of experience with this firm/employer	21
Title	Executive Vice President, Southwest Region		Years of experience with other firm(s)/employer(s)	19
Degree(s) / Years / Specialization		B.S. / 1976 / Business Administration / University of Louisiana		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Officer in Charge		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
1980 - 1992	Public Works Director, City of Lafayette, LA: Managed Public Works Department (responsible for bridges, roadways, traffic, drainage, transit, public buildings and utilities)			
1992 - 1999	Jerry Trumps and Associates, Inc. Planning/General Consulting for local governments, including public works & infrastructure			
1999 - Present	Neel-Schaffer, Inc., currently Executive Vice President/SW Region Manager: Mr. Trumps has served as Office-in-Charge of the following projects:			
07/18 - 12/18	I-20 at I-220 Interchange Improvement & BAFB DB Proposal, Project No. H.003370: NSI was the prime design firm supporting PCL Construction, Inc. to provide services for the proposed I-20/220 Interchange Improvement at Barksdale Air Force Base in Shreveport. NSI’s primary role included developing and preparing cost effective preliminary plans for the interchange improvements.			
08/14 - 03/15	US 90 (Future I-49) LA 318 Interchange Design Build Project, Project No. H.004932: NSI was the prime design firm supporting JB James Construction services for the proposed I-20/220 Interchange Improvement for US 90 (Future I-49) LA 318. The Project included a new grade separated interchange at the existing LA 318 intersection, the reconstruction of the mainline of US 90 (Future I-49) and a frontage road system. NSI developed interchange designs for the LA 318 overpass, the US 90 WB entrance ramp, and the frontage roads.			
07/15 - Present	Mandeville Bypass, St. Tammany Parish: 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. The project includes roundabout geometry intersections at LA 1088 and US 190. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish.			
08/12 - Present	LA 1026 (Juban Rd) Widening (I-12 to US 190), Project No. H.004634: The project is to widen existing LA 1026 (Juban Road) from an existing two-lane road with side ditches to a 4-lane Blvd with either sub-surface drainage or roadside ditches or a combination of both. The intersection of La 1026 (Juban Road)/US 190 (Florida Blvd) will be improved with a roundabout in this project. This project will commence at the intersection of LA 1026 (Juban Road) and the I-12 north interchange ramps and continue to the intersection of LA 1026 (Juban Road) and US 190 (Florida Blvd) and end approximately 2,000 feet east and west along US 190 (Florida Blvd) from the intersection of LA 1026 (Juban Road).			

16. Staff Experience

07/15 – Present	US 90 Pearl River Bridges Environmental Assessment, St. Tammany Parish, LA and Hancock County, MS, State Project NO. H.000284 & NO. H.000286: Work includes the preparation of an Environmental Assessment, as well as line and grade engineering for multiple fixed and movable span bridge alternatives. Work includes navigation studies and supporting environmental studies involving the replacement of five Historic Bridges crossing the Pearl River waterways.
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 assessment and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided.
05/11 – 02/13	Environmental Assessment: (EA) 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 assessment and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided.
05/07 – 10/09	St. Martinville Bypass, Route LA 31, St. Martin Parish, LA (State Project No. 700-50-0112) Louisiana Department of Transportation and Development (LADOTD): Project includes traffic forecasts and analysis and environmental studies supporting the construction of a new 7.2-mile Suburban Arterial Roadway providing a west Bypass of St. Martinville.
10/07 - 12/09	Lafayette Parish I-10 Frontage Roads Study (LCG No. 590-07-012/ SPN 736-28-0042/ FAP No. STP-2805(501): Traffic and line & grade study of I-10 for a 10-mile corridor from LA 93 to Louisiana Avenue in Lafayette, LA to develop viable conceptual alternatives for frontage roads parallel to and/or adjacent to the I-10 corridor, including the evaluation of modifying existing frontage roads and interchanges and the feasibility of one way/two-way frontage roads within the study area.
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.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Nick Ferlito, Jr., P.E., PTOE		Years of relevant experience with this employer	26
Title	Senior Vice President		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			B.S. / 1993 / Civil Engineering M.S. / 1996 / Civil Engineering	
Active registration number / state / expiration date			No. 28001 / LA / 09-30-2023 Professional Traffic Operations Engineer No. 930	
Year registered	1998	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Project Principal (Meets MPR #'s 1 and 2)	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
8/20 - Present	I-10 & I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA (H.013897) Project Manager for Interchange Modification Report, Transportation Management Plan (TMP) and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD’s TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies.			
8/20 – Present	College Drive Enhancement Project (Perkins Road to I-10), Baton Rouge, LA PM for the Traffic Study component for the study of the College Drive corridor. The Traffic Study is being prepared in accordance with DOTD’ TEPR and includes performing all analysis in Vissim to evaluate various alternatives. In addition to corridor improvements, a tiered analysis will be performed to evaluate various interchange alternatives for I-10 at College Drive. Dynameq was also be used.			
12/19 – Present	US 80 Feasibility Study, Haughton, LA: Stage 0/Traffic & Safety Study (S.P. No. 44-10504, T.O. No. H.014044.1) Project Manager for the preparation of a Stage 0 Report in support of safety improvements along US 80 corridor, specifically in the vicinity of Bellevue Road and Mid South Loop Road. All analysis performed in HCS for this study. The traffic study was performed in accordance with DOTD’s TEPR.			
02/18 - Present	Kansas Lane-Garrett Road Connector and I-20 Improvements, Monroe, LA: (S.P. No. H.004774.5 & H.007300.6) Project Manager/Traffic Lead for the preparation of a Level 4 Transportation Management Plan, review of MOT plans, design of temporary and permanent traffic signals and design of the relocation of DOTD ITS fiber optic trunk line.			
07/16 - Present	I-49 South at Verot School Road, Lafayette, LA: (S.P. No. H.011235.5) Performed Traffic QA/QC on the preparation of a Transportation Management Plan and design of temporary and permanent traffic signals.			
01/19 – 03/20	District 07 Safety Investment Plan, DOTD District 07 (S.P. No. H.013826.1) Project Manager for safety study to evaluate the crash history on state and local highway networks using variations in crash statistics to identify possible roadway issues and potential infrastructure and operations safety countermeasures.			
02/16 – 04/18	LA 22 Corridor Study, Rou Mar Nei Drive to 1st Street (S.P. No. 44-4064, T.O. No. H.011618.1), Ponchatoula, LA Project Manager for a traffic study to evaluate corridor improvements along LA 22 as well as interchange concepts at I-55. A TIER analysis was performed			

16. Staff Experience

	at the interchange of I-55 at LA 22 to evaluate various interchange configurations. The corridor analysis included HCS analysis to evaluate RCUT and roundabout corridor concepts.
02/15 – 4/18	LA 384 Stage 0, Lake Charles, LA – Traffic & Safety Study (S.P. No. 44-4909, T.O. H.011242.1) Project Manager for traffic and safety study for LA 384 (Country Club Road) from Big Lake Road to McNeese Street.
02/16 – 10/17	LA 6 Feasibility Study, Natchitoches, LA – Stage 0/Traffic & Safety Study (S.P. 44-4402, T.O. No. H.012307.1) Project Manager for the Stage 0 Study, including a comprehensive safety analysis and traffic study for the purpose of analyzing existing and future conditions 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.
11/16 – 08/19	LA 385 Feasibility Study, Lake Charles, LA – Stage 0/Traffic & Safety Study (S.P. No. 44-4402, T.O. No. H.012685.1) Project Manager for the Stage 0 Report in support of safety and traffic operational improvements along with the LA 385 (Ryan Street) corridor between LA 3186 south of I-10 to Eddy Street north of I-10, including the LA 385 interchange with I-10.
10/13 – 12/16	LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1) PM for the traffic study, including a TIER analysis for new interchange concepts at I-10 at LA 30, as well as corridor improvements between LA 3251 and LA 44. Future traffic forecast for the study were developed using the CRPC Travel Demand model and considered future interchanges at I-10 and LA 74 and LA 429. The recommended TIER I alternatives were analyzed in detail using Vissim.
5/14 – 3/16	LA 73 Stage 0, Prairieville, LA – Traffic & Safety Study (S.P. H.011160.1) Project Manager for the traffic study performed as part of the Stage 0 Report. The traffic study included a TIER analysis for new interchange concepts for the I-10 at LA 73 interchanges as well as corridor improvements between LA 74 and LA 629. In addition, future traffic forecast for the study were developed using the CRPC Travel Demand model and considered future interchanges at I-10 and LA 74 and LA 429. .
3/13 – 2/17	Grand Prairie Highway Interchange and Frontage Road, Rayne, LA (H.003763) PM for an interchange justification report (IJR) for a new interchange along I-10 at LA 98. (Data collection, traffic forecasting, HCS analysis for one build alternative and the no build). The IJR was completed in accordance with FHWA's 8 policy points concerning a request for a break in control of access.
7/13 – 5/15	Safety Study, LA 49 (Williams Blvd.,) Kenner, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.010570) Project Manager for the Stage 0 Report in support of safety improvements along the US 49 (Williams Boulevard) corridor between Airline Drive and 32nd Street north of I-10.
11/12 – 04/14	Operational / Safety Study, LA 1088, Mandeville, LA - (S.P. No. 4400002630, T.O. No. H.010116) Project Manager for a traffic and safety study to evaluate corridor improvement alternatives that included roadway widening and converting traditional intersections to roundabouts.
4/13 – 6/14	Tarbutton Road at I-20 Interchange Justification Report, Ruston, LA (S.P. No. 700-31-0114) Project Manager for the update of the IJR Report for the proposed break in control of access on I-20 for a new interchange at Tarbutton Road in Ruston, LA.
1/13 – 1/14	US 190 (LA 433 to US 11) Interim Capacity / Widening Improvements Stage 0 Feasibility Study, (RPC Project No. LA433) Project Manager for traffic and safety evaluation of a 6.6-mile segment of US 190 corridor from LA 433 to US 11.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Dishili Young, P.E., PTOE		Years of experience with this firm/employer	5
Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	15
Degree(s) / Years / Specialization			B.S. / 2002 / Civil Engineering / LSU; MCE/2018/Auburn University	
Active registration number / state / expiration date			No. 0033723 / LA / 9/30/2022	
Year registered	2008	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Project Manager - 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.			
01/20 - Present	I-20: LA 544 Overpass Replacement, State Project NO. H.010616, F.A.P. NO. H010616, Route I-20, Lincoln Parish. Ms. Young is managing the preliminary and final design services for this project. See project profiles for details.			
04/18 - Present	I-49 South at Verot School Road, S.P. No. H.011235.5: Ms. Young is managing the design services for the interstate design and service road design (drainage, roadway and TMP). This project which will construct 2.4 miles of mainline freeway, bridges and an interchange at the intersection of I-49 South/US 90 and Verot School Road.			
12/17 - 07/20	Southcity Parkway Extension - Lafayette, LA: This project will construct a new 1.7 - mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road; includes 3 multilane roundabouts and a new bridge crossing of the Vermillion River. NSI provided public outreach, environmental, road design and traffic services. Project Manager			
08/17 - 03/19	Juban Road Widening, S.P.N. H.004634 Juban Rd. Widening: Ms. Young served as the engineer of record and managed the completion of the roadway and drainage design services for this project. See project profile for details.			
08/17 - present	Mandeville Bypass - Mandeville, LA: Ms. Young is managing the design services. See project profile for details.			
08/17 - present	Ham Reid at LA 3092 Intersection Improvements: Serving as engineer of record for project which will construct a roundabout at the intersection of LA 3092 and Ham Reid rd. The roadway and drainage design was completed in accordance with LADOTD guidelines.			
02/10 - 12/11	S.P. No. 450-10-0159: I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 74) for LA DOTD: Ms. Young served as Engineer and managed portions of the civil design for this project. This project involved the widening of I-10 from four lanes to six, bridge reconstruction (I-10 over Wards Creek and I-10 over KCS Bridge), and drainage improvements along the corridor. In addition to assisting with the roadway design, Ms. Young completed the H&H analysis and scour analysis for the Wards Creek Bridge. She also assisted with the drainage design along the interstate corridor.			
01/09 - 11/11	S.P. Nos. 454-01-0047 & 454-02-0025: I-12 Widening Design-Build (O'Neal Ln. to Pete's Hwy) for LA DOTD: Ms. Young served as Engineer for this project which involved the widening of I-12 and bridge reconstruction (I-12 over Amite River (two bridges) and I-12 over O'Neal Lane (two bridges)). In addition to assisting with the roadway design, Ms. Young assisted with the scour analysis and H&H analysis at the Amite River as well as the drainage design along the interstate corridor.			
05/16 - 04/18	P.P.N. 2017-488 and -487 Roadway and Drainage Improvements, Bossier Parish: Ms. Young managed the design and plan production for eighteen roadways in Bossier Parish.			
05/16 - 01/20	Bossier Parish Roadway, Bridge and Culvert Engineering, Damage Assessment and Reconstruction Services. Ms. Young managed the civil portion of this project which included approximately 90 roadway reconstruction sites & drainage structures.			

16. Staff Experience

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.
09/17 - 10/18	LA 27 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.
01/14 - 05/15	LA 665 Reconstruction, Bayou Pointe aux Chenes: Ms. Young assisted with the road design. Completed using LADOTD design standards, guidelines and software.
01/15 - 03/16	US 108 & Trousdale Road Turn Lane Improvements: Ms. Young managed the completion of the preliminary and final plans. Completed using LADOTD design standards, guidelines and software.
01/15 - 03/16	US 90 & Walcott Road Turn Lane Improvements: Ms. Young managed the completion of the preliminary and final plans. Completed using LADOTD design standards, guidelines and software.
3/07 - 8/08	SP No. 817-41-0014, CP Project No. 06-CS-HC-0029: South Harrell's Ferry Road Improvements, GLP, Baton Rouge, LA: (March 2007-August 2008). This project involved the reconstruction, realignment and widening of South Harrell's Ferry Road to a median divided corridor. Ms. Young provided roadway design support, created a HEC-RAS model for a major drainage crossing and bridge alternative, designed the subsurface drainage using LADOTD hydraulics software.
Career History	<p>Ms. Young offers approximately 20 years of progressive experience which includes program management, engineering management, project management and engineering design. Her experience includes the management and design of interstate design-build projects, interstate design-bid-build projects, road design projects, drainage projects, H&H Studies, environmental studies and feasibility studies. Her Continuing Education is documented as follows:</p> <p>Transportation Safety Systems (Highway Safety Manual Graduate Course), Auburn University, 2016 ATSSA Traffic Control Supervisor Training Course, Baton Rouge, 2015 ATSSA Traffic Control Technician Training Course, Baton Rouge, 2015 NHI Course No. 142005 - NEPA Transportation Decision Making , Baton Rouge, 2014 FHWA Highway Safety Manual Workshop, Baton Rouge, 2014 Roadside Safety Design by the Federal Highway Administration and National Highway Institute, LTRC, 2010 Applying Inroads V8.9, LSU Continuing Education , 2010 Urban Street Design, University of Wisconsin, Madison, Open Channel Design, University of Wisconsin, Madison, Storm Sewer Design, University of Wisconsin, Comprehensive Culvert Design, University of Wisconsin, Maintaining Asphalt Pavements, University of Wisconsin, Using HEC-RAS to compute water surface profiles for floodplains, bridge and culvert hydraulics, University of Wisconsin, Construction Issues in Louisiana, Lorman Education Services Louisiana Construction Contracting for Public Entities, Lorman Education Services</p>

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Mai Nguyen, P.E.		Years of relevant experience with this employer	6
Title	Roadway Design Engineer		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		B.S. / 2008 / Civil Engineering		
Active registration number / state / expiration date		No. 38189 / LA / 03-31-2024		
Year registered	2013	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Road Design – Meets MPR #3		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
Career History	Ms. Nguyen has over 13 years of experience as a Roadway Design Engineer, including over six years working for LADOTD roadway design. She is proficient with modeling and developing roadway plans in accordance with LADOTD design guidelines. She has completed numerous roadway construction plans, including roadway alignments, typical sections, cross sections, geometric details, graphical grades, drainage design, construction sequencing, striping and 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 utility coordination, creating detour 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.			
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. Nguyen is a design engineer supporting the preliminary and final design services for this project. This project 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.			
04/18 - Present	I-49 South at Verot School Road, S.P. No. H.011235.5: Ms. Nguyen is completing the 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.			
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. Once the optimum location of the bridge crossing was determined and roadway alignments refined, the proposed concept advanced forward for design. She provided design support for the roadway design.			
02/17 - 06/17	LA 6 (I-49 Interchange to LA 3278) Corridor Study in Natchitoches, LA. S.P. No. H.011402 - LA 6 Corridor Study Includes analysis of proposed roundabout interchange (3 roundabouts) geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.			

16. Staff Experience

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 right-of-way limits, developing sequence of construction, and perform hydraulic analysis.
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, Project includes the replacement of five bridges. This project also includes roundabout intersections. Project Engineer for over 75 line and grade alternatives. Developed horizontal and vertical alignments, considering required drainage and ROW requirements were developed and analyzed for potential environmental impacts and costs.
05/12 - 10/14	H.009033: LA 44 Intersection Improvement @ LA 934, Ascension, LA: Responsible for developing roadway plans in accordance with LaDOTD design guidelines, performing sub-surface drainage calculations, creating horizontal and vertical alignment layouts, modeling roadway to determined required right-of-way limits, and calculating quantities and cost estimates for bidding.
08/17 – 07/18	I-10 New Orleans Master Plan: 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.
09/15 - 10/17	LA 22 (Dalwill to Rodger Storm) Corridor Study (Contract No. 4400004064, T.O. No. H.011454.1)-LA 22 Corridor Study Includes analysis of six roundabout geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.
02/16 - 04/18	LA 22 (Rou Mar Nei to 1st) Corridor Study (Contract No. 4400004064, T.O. No. H.011618.1)-LA 22 Corridor Study Includes analysis of proposed roundabout interchange (6 roundabouts) geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.
02/15 - 12/16	US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1)—US 51 Business Corridor Study. Includes analysis of three roundabout geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.
02/15 - 10/16	US 51 (W University to I-55) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1)—US 51 Corridor Study. Includes analysis of eight roundabout geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.
09/14 - 08/15	LA 27 turn lane improvements, Cameron and Calcasieu, LA: Responsible for developing roadway plans following LADOTD design guidelines at three turn lanes along LA 27 at LGN plant entrances. Served as utility coordinator, and provided engineering support during construction. Also, responsible for developing utility agreement packages as part of utility coordination phase. The tasks included communication, site visitation and coordination with countless utility companies, LNG facility personnel and LADOTD to seamlessly reduce and address utility conflicts. Also, assisted the Contractor with design associated with concrete barrier, provided working drawings to assist with construction activities, and provided commercial driveway detail drawings and design at locations with large grade changes.

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		Road Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
12/12 – 08/22	Design Development Engineer Manager – LADOTD <ul style="list-style-type: none"> Manages a staff of Engineering Interns, Design Engineers and Engineer Technicians. Primary roles of the section includes geometric design, striping, temporary traffic control and traffic management plans. Assists with the development of standard plans and engineering directive and standards for highway agency in the expertise of geometric design, complete streets, temporary traffic control, roundabouts and pavement markings. Engineer of record for Louisiana Department Of Transportation's Pavement marking Standard Plans and Temporary Traffic Control Standard Plans. Member DOTD Work Zone Task Force 			
04/07 – 12/12	HPMS/Highway Needs Engineer – LADOTD <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Technical expert in selecting, designing, providing and maintaining criteria and methodology relative to the MUTCD and AASHTO Geometric Guidelines to ensure that most current concepts will be applied to Department's policies and design standards. Primary responsibilities included geometric design, capacity analysis, traffic studies, interstate signing projects, feasibility studies, scope of services negotiations, man-hour/ cost estimates, and plan reviews. 			
06/94 – 1999	Engineer Inter – LADOTD <ul style="list-style-type: none"> Conducted capacity analysis and prepared intersection geometry layouts. Reviewed roadway and bridge plans to determine if LADOTD and AASHTO standards and policies are adequately followed and drafted letters detailing the results of the review and offer corrective measures. Prepared and updated construction cost estimates. Responsible for developing construction plans to permanently sign or replace signing on controlled access highways statewide. 			

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Chance Shuckrow, P.E.		Years of relevant experience with this employer	8
Title	Project Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2014 / Civil Engineering	
Active registration number / state / expiration date			No. 42746 / LA / 03-31-2023	
Year registered	2018	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Road Design, Drainage Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
08/14 – 03/19	Juban Road (LA1026) Widening for Livingston Parish Government in Livingston, LA (SPN H.004634.5) Final design for reconstruction of Juban Rd as a four-lane median divided roadway with multilane roundabouts intersections and a shared use path. Completed vertical and horizontal alignments and modeled the project with Bentley software, assisted with the drainage design and preparation of plans.			
02/20 - Present	I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA: This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. Mr. Shuckrow is designing the drainage and assisting with the roadway design review.			
11/15 – Present	Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, Lafayette Consolidated Government (LCG). Final Design of 2-mile four lane median divided roadway with bike lanes and walks. This project includes 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.			
09/15 – Present	LA27–Left Turn Lanes for Cameron LNG Plant in Cameron Parish, LA: This is not a state project. Project being funded by Cameron LNG plant. Assisted in roadway design, development of alignments, modeling, 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.			
07/15 – Present	U.S. 71 Corridor Study in Bossier Parish, LA (SPN 4400002630): Assisted in geometric layout of roadway and development of alternatives.			
08/17 - 03/20	LA 73 Turn Lanes: This project which will construct turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design was completed in accordance with LADOTD guidelines. Mr. Shuckrow is designed the drainage.			
03/15 – Present	East Mandeville Bypass, St. Tammany Parish LA, Includes final design of a new 2-mile four lane median divided roadway with multilane roundabout intersections at LA 1088 and US 190 and a shared use path. Completed the vertical and horizontal design and modeled the project with Bentley software assisted with the striping and signing plans.			
03/15 – Present	St. Martinville Bypass (LA31) Environmental Assessment and Line and Grade Study in St. Martinville, LA (SPN H.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.			

16. Staff Experience

08/14 – 03/19	I-49 South at Verot School Road, SP No. H.011235.5 This project which will construct 2.4 miles of mainline freeway, bridges and an interchange at the intersection of I-49 South/US 90 and Verot School Road. 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 (NSI) is serving as the subconsultant for this project. NSI is designing the interstate mainline and frontage roadways, as well as, designing the drainage along these corridors. NSI is also completing the traffic design and TMP. Mr. Shuckrow is designing the drainage for the interstate and service roadway.
09/18 – 12/18	I-20 at 220 Interchange Improvement & BAFB Design-Build Project: The project included preliminary plan development for completing the existing partial interchange by adding a new flyover ramp, cloverleaf ramp, modifying existing ramps, and providing a new arterial roadway with a new bridge over the Kansas City Southern railroad. Mr. Shuckrow provided design support.
08/14 – 03/15	US 90 (Future I-49) LA 318 Interchange Design Build Project: The Project included a new grade separated interchange at the existing LA 318 intersection, the reconstruction of the mainline of US 90 (Future I-49) and a frontage road system. NSI developed interchange designs for the LA 318 overpass, the US 90 WB entrance ramp, and the frontage roads. Mr. Shuckrow provided design support
12/2021 – Present	I-10 I-12 College Dr Design-Build H.013897 This project will improve the I-10 @ College Drive exit by removing the weave that exist when I-10 westbound traffic crosses over several lanes to access the College Drive exit ramp. The westbound lanes for I-12 will be realigned to more closely match the eastbound I-12 travel lanes. Mr. Shuckrow is providing the independent design review for the roadway design.
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, preliminary and final design and construction related engineering. Mr. Shuckrow is providing civil design support. Mr. Shuckrow has completed the drainage design, developed plans for the drainage maps, drainage plan and profile sheets and reviewed the plans for the other portions of the project.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Scott Andrepont, P.E.		Years of relevant experience with this employer	10
Title	Project Engineer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			B.S. / 2005 / Civil Engineering M.S. / 2007 / Civil Engineering	
Active registration number / state / expiration date			No. 37107 / LA / 09-30-2024	
Year registered	2012	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Road Design/Drainage Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
Career History	Mr. Andrepont is a design engineer and has been assigned to a variety of projects which include safety projects, roadway design, drainage design, foundation design and other civil engineering projects. His duties include design and analysis, preparation of construction plans, and specifications. He also has experience providing engineering design support during construction.			
11/19 - Present	IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62): This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design and construction related engineering. Mr. Andrepont is assisting with the roadway and drainage plan production and design.			
09/09 – 08/12	N. University Ave. Widening – Lafayette, LA: Road alignment, preparing scope for utility and topographic survey, roundabout layout and design, and plan preparation. <i>Project Engineer</i>			
08/17 – Present	Lafayette Downtown Sidewalks, Curb, and Overlay – Lafayette, LA: Replacement of existing sidewalks and signage along the route, improvements for pedestrian crossings, construction administration. <i>Project Engineer</i>			
01/10 – Present	St. Martinville Downtown Streetscape – St. Martinville, LA: Replacement of existing sidewalks, improvements for pedestrian crossings, landscape design. <i>Project Engineer</i>			
07/14 - 03/15	US 90 @ LA 318: Roadway profiles, cross sections, quantities, and cost estimates. <i>Project Engineer</i>			
04/18 – Present	I-49 South at Verot School Road, S.P. No. H.011235.5: This project which will construct 2.4 miles of mainline freeway and interchange at the intersection of I-49 South/US 90 and Verot School Road. This project includes the design of a major bridge crossing at Verot Rd. and I-49. Neel-Schaffer is serving as the subconsultant for this project and designing the mainline and frontage roadways and associated drainage. <i>Project Engineer</i>			
08/12 – 03/19	LA 1026 (Juban Road) Widening (I-12 to US 90) – Lafayette, LA: Road profiles, roundabout design, preparing cost estimates. <i>Project Engineer</i>			
06/13 – Present	Stage 0 Feasibility Study Modern Roundabouts – Lafayette, LA: Road alignment, roundabout layout, and design, preparing cost estimates. <i>Project Engineer</i>			
03/15 - Present	East Mandeville Bypass, St. Tammany Parish LA, Assisted in geometric layout of roadway and development of alternatives. Includes roundabout geometry intersections with LA 1088 and US 190.			
11/13 - 04/15	H. 004932: US 90 (Future I-49) LA 318 Project Engineer supporting Interchange DB Project Road profiles, roundabout design, preparation of cost estimates.			

16. Staff Experience

10/2018-05/2019	LA 182/Stone Ave. Right Turn Lane, Lafayette, LA - Mr. Andrepont lead the construction administration for the turn lane installation, roadway improvements, drainage, and signage.
10/2017-01/2019	LA 27 Turn Lane Construction, Cameron Parish, LA - Mr. Andrepont assisted with the construction administration for the turn lane installation, signage and roadway improvements
01/2012-04/2012	City of Walker - Bridge Replacement Study, Walker, LA – Mr. Andrepont completed site visits to multiple bridges. He was charged with verifying the condition of bridges, prioritizing the necessary replacement of each bridge in comparison to the others, and estimating cost of replacement
04/2020-Present	US 90 and FM 481 Improvement, Kinney County, TX: QA/QC of Striping, Signing, and High Friction Surface course plans.
09/09 – 08/12	N. University Ave. Widening – Lafayette, LA: Road alignment, preparing scope for utility and topographic survey, roundabout layout and design, and plan preparation. <i>Project Engineer</i>
07/13 - 09/13	LA 1088 Traffic Corridor Study for LA DOTD in St. Tammany Parish, LA (SPN 4400002630, T.O. #H.010116.1): Assisted in the geometric layout for 3 Alternatives for the improvements of LA 1088. Each alternative included roundabouts at determined intersection with J-turns as well as complete streets with combinations of bike paths/multi-use paths / sidewalks along the corridor.
	ATSSA – Work Zone TCS/TCT/Flagger

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Joshua Schexnider, P.E.		Years of relevant experience with this employer	6
Title	Project Engineer		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		B.S. / 2016 / Civil Engineering		
Active registration number / state / expiration date		No. 45891 / LA / 03-31-2024		
Year registered	2017	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Road Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
Career History	Mr. Schexnider joined Neel-Schaffer in 2016. He has experience with providing engineering and CE&I services for projects which include roundabouts, roadways, sidewalks, and drainage improvements. Prior to joining the firm, he spent fourteen years prior working for John Chance Land Surveys, Inc. While at JCLS, he was part of a team, FLI-MAP, which specialized in corridor mapping using LiDAR technology. He has experience with Applanix processing software, as well as, some experience with ArcMap.			
02/20 – Present	I-20: LA 544 Overpass Replacement – Lincoln Parish, LA: This project will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The project includes a new bridge over I-20 with sidewalks and four multilane roundabouts within the interstate Control of Access. <i>Design support for roadway and drainage</i>			
04/18 – Present	I-49 South at Verot School Road – Lafayette, LA: Mr. Schexnider is providing design support for the road design for this project which will construct 2.4 miles of mainline freeway, an interchange at the intersection of I-49 South/US 90 and Verot School Road, and a roundabout. Project involves at grade railroad crossings. <i>Engineering Intern</i>			
10/19 – Present	East Mandeville Bypass – St. Tammany Parish: This project will construct a new 2-mile four lane median divided roadway with multilane roundabouts intersections at LA 1088 and US 190. <i>Design support for roadway</i>			
08/16 – Present	Southcity Parkway Extension – Lafayette, LA: Assisted in preparation of plans. <i>Design support for roadway and drainage.</i>			
11/19 - Present	IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62): This project will include signing, drainage and pedestrian improvements for four projects. Planning/Environmental, Design and construction related engineering. <i>Mr. Schexnider is providing engineering support.</i>			
05/16 – 07/16	Juban Road (LA 1026) Widening – Livingston Parish, LA: Assisted in preparation of plans. <i>Design support for roadway and drainage</i>			
02/17 – Present	US 90 Bridges Environmental Assessment – St. Tammany Parish, LA: Assisted with preparation of plans. <i>Design support</i>			
08/17 - 01/20	Bossier Parish Roadway, Bridge and Culvert Engineering, Damage Assessment and Reconstruction Services. This project included approximately 90 project sites consisting of bridges, roadway reconstruction, patching and overlays, and new drainage structures. Mr. Schexnider assisted with the design and plan production.			
08/17 - 03/20	LA 73 Turn Lanes: This project will construct turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design was completed in accordance with LADOTD guidelines. Mr. Schexnider assisted with the design and plan production.			

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Stephen Perault		Years of relevant experience with this employer	5
Title	Senior Technician		Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Roadway Design Support		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
Career History	<p>Mr. Perault has over 35 years’ experience in roadway design which includes the design of over 25 roundabout projects and design support for roadway projects (turn lanes, new roadway corridors, widening, interstates and more). He retired from LADOTD in 2015 and has worked in the private sector since then. His capabilities include:</p> <ul style="list-style-type: none"> • Stage 3 (Engineering) design and drafting of complete LA DOTD roadway plans for Engineer review and stamp. • Draft and design on LA DOTD Stage 0 (Feasibility) and Stage 1 (Environmental) projects. • FEMA disaster recovery work. • Extensive knowledge of Inroads, Microstation, Descartes, Storm and Sanitary CAD, Cadconform and ProjectWise software and LA DOTD’s Hydwin design programs. • Perform QA/QC review of roadway plans. • Completing NOI permit applications and Constructability/Biddability forms. • Draft design exceptions, processes plan revisions and change orders. <p>His project experience at LADOTD includes:</p> <ul style="list-style-type: none"> • S.P. H.000466: US 190: Roundabout at Eden Church RD. 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. • S.P. H.008322: LA 637: Port of S. Louisiana Connector 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. • S.P. H.003969: Existing 3-Lane to Contraband Bayou Bridge 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. • S.P. 262-02-0023: Denham Springs – Watson 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

02/19 - Present	Streetscape Improvements US 71 (Barksdale Blvd.); Bossier Parish - Project includes approximately 1.5 miles of sidewalk and drainage improvements along US 71 (Barksdale Blvd.). <i>Engineering Support</i>
08/17 – Present	Lafayette Downtown Sidewalks, Curb, and Overlay – Lafayette, LA: Replacement of existing sidewalks and signage along the route, improvements for pedestrian crossings, construction administration. <i>Engineering Support</i>
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. It includes a new bridge crossing of the Vermillion River. The roadway and drainage design is being completed in conformance with LADOTD guidelines and provides multimodal facilities. Mr. Perault is providing design support and assisting with the plan production.
08/17 – Present	Juban Road Widening, S.P.N. H.004634 Juban Rd. Widening: Design support and plan production for this project which will widen LA 1026, construct shared use paths, construct two multilane roundabouts and two new frontage access roadways.
02/20 - Present	I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA: This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. This project includes four multilane roundabouts located in a tight project area with many constraints and large grade changes. The roundabouts will connect ramps and service roads with adjacent businesses. The project includes new bridge with sidewalk over I-20. The entire project limits are complete street compliant which means it provides facilities for all users. <i>Engineering Support</i>
08/17 - 03/20	LA 73 Turn Lanes: This project which constructed turn lanes at multiple locations along LA 73 in Ascension Parish. The roadway and drainage design was completed in accordance with LADOTD guidelines. Mr. Perault provided design support and assisted with plan production.
11/19 - Present	IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62): This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, Design and construction related engineering. Mr. Perault is providing design support and is assisting with plan production.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Frank Standige, P.E.		Years of experience with this firm/employer	5
Title	Senior Project Engineer		Years of experience with other firm(s)/employer(s)	30
Degree(s) / Years / Specialization			B.S. / 1982 / Civil Engineering / LSU	
Active registration number / state / expiration date			No. 0024023 / LA / 03/31/2024	
Year registered	1988	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Mr. Standige will perform constructability reviews on project deliverables and provide support during construction.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
02/20 - Present	I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA: This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. Mr. Standige is providing constructability review and advice.			
12/20 – 02/21	Juban Road Widening, Livingston Parish. Providing construction support. Mr. Standige was recently able to solve a drainage issue in the field during construction.			
02/17 – 04/19	LNG Turn Lanes, LA 27 Permit Project, Cameron Parish – <i>Project Engineer</i> for road construction of asphalt turn lanes and drainage structures. Worked with the DOTD District office to ensure that DOTD requirements were met. Solved construction issues in the field with utility conflicts and drainage issues. Served as liaison between the contractor and DOTD District office. Provided updates to the DOTD District office on construction progress and traffic impacts.			
10/08 – 09/12	I-10/Causeway Interchange Phase 1 and 2 (SPN'S 450-12-0100, 450-15-0103) - Served as the <i>Area Construction Engineer</i> over the new roadway construction of the multi-decked, multi-lane interchange in Metairie. Reviewed design plans for quality assurance, reviewed and approved contractor's CPM, monthly estimates, plan changes and related documents. Worked with the design engineering firm, contractor, and DOTD HQ to solve an issue with cracks in the concrete columns. Resolved construction issues and developed plan changes during construction. Project cost - \$53M.			
03/06 – 09/12	Huey P. Long Bridge Widening and Approach Ramps Project in Jefferson Parish (SPN's 006-01-0012, 006-01-0018, 006-01-0021) - Served as the <i>DOTD District construction coordinator</i> for the widening and addition of the HPL Bridge. Reviewed consultant's design plans for quality assurance and made recommendations for changes. Reviewed contractor's CPM, monthly estimates, plan changes and consultant invoices. Worked with the LTM team to resolve issues during construction. Project cost - \$1.2B.			
08/06 – 03/09	I-10 Widening – Causeway to 17th St. Canal, Jefferson Parish (SPN 450-15-0089) – <i>Construction Engineer</i> for the roadway construction widening of the interstate through Metairie. Responsibilities included reviewing design plans for quality assurance, reviewing and approving contractor’s monthly estimates, CPM’s, and plan changes. Resolved construction issues and worked with the design engineer to make plan changes during construction, due to changing field conditions. Met with the media to update on traffic impacts during construction. Project cost - \$79.4M.			
06/02 – 03/04	Clearview Pkwy - Causeway Blvd. (Auxillary Lanes) (SPN 450-15-0098) – <i>Project Engineer</i> for the construction of new concrete auxillary lanes on I-10. Reviewed design plans for quality assurance and constructability and made recommendations for improvements. Cost of project \$32.3M.			

16. Staff Experience

08/02 - 11/03	Hickory Ave (Relocated LA 3 154, Dickory Extension) (SPN 826-44-0024) Served as the <i>Project Engineer</i> for the construction of a new 4 lane concrete roadway, including drainage. Entergy has large transmission lines going through the median of this project and he had to coordinate closely with them on working around these lines. Reviewed design plans for quality assurance and constructability. The plans had sat on the "shelf" for many years and had to be redesigned in accordance with Mr. Standige's recommendations. Other issues that he dealt with during this project were drainage issues, adjustment of roadway elevations, and historic oak trees. Project cost - \$3.1 M.
09/01 - 03/02	EB I-10 Exit Ramp at Loyola Dr. (SPN 450-15-0114) Served as the <i>Project Engineer</i> for the widening of the Loyola exit ramps on I-10 Eastbound. Reviewed design plans for quality assurance and constructability.
1986 - 1989	I-310 Bridge (LA 626 - I-10), St. Charles Parish Served as <i>Assistant Project Engineer</i> for the end-on construction of the elevated I-310 bridge. Responsible for reviewing design plans for quality assurance and constructability, inspecting the contractor's work to ensure that it meets DOTD specifications, performed materials testing, reviewed plan changes and contractor's monthly estimates, supervised certified inspectors.
Career History	Mr. Standige has 30 years of roadway construction engineering experience working for Louisiana DOTD. He served as District Construction Engineer for 1 year, Area Construction Engineer for 5 years, Construction Project Engineer and Assistant Construction Project Engineer for 24 years. He is thoroughly familiar with all aspects of roadway construction for highways and bridges. He has managed the construction and rehabilitation of numerous complex DOTD projects including superstructures, highways, bridges and overpasses. He is an expert with the constraints imposed by federal and state statutes and regulations. He has been instrumental in developing many plans, specifications and is thoroughly knowledgeable of federal, state and local construction procedures and standards. During his time as Construction Engineer and Area Engineer, he managed the roadway construction of DOTD roads and bridges for his respective area and was responsible for managing project engineers' offices in the construction of multi-million-dollar construction projects. He worked closely with design engineers in reviewing their work for quality assurance and constructability. He approved payment estimates and plan changes in Site Manager, reviewed and approved contractor's CPM's, and schedules.
Training and Certifications	Certified in Work Zone Traffic Control Supervisor and Flagger

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	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			Construction Support	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
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.			
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			

16. Staff Experience

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 2022 and serves as a Senior Project Manager based in the firm's Baton Rouge (LA) office. Phil joined Neel-Schaffer shortly after retiring from the Louisiana Department of Transportation and Development after 25 years of service, the last 13 as the District 62 Area Engineer in Livingston and St. Helena parishes. He will be a part of Neel-Schaffer's Louisiana Transportation Department, providing quality assessment/quality control and constructability reviews. He will also help the firm expand and develop its Construction Engineering and Inspection services throughout Louisiana in both the Transportation and Water Resources sectors. Phil has extensive experience in laboratory sampling and testing, roadway and bridge construction oversight and management, roadway and bridge maintenance management, roadway structure design, and roadway preservation management

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Connie Standige, P.E.		Years of relevant experience with this employer	7
Title	Senior Client Manager		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		B.S. / 1982 / Civil Engineering		
Active registration number / state / expiration date		No. 24022 / LA / 03-31-2024		
Year registered	1988	Discipline	Civil	
Contract role(s) / brief description of responsibilities		QA/QC for Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
Career History	Ms. Standige has 37 years of diversified engineering experience, including 30 years working for Louisiana DOTD prior to joining Neel-Schaffer. Her broad range of experience includes project development, public involvement, design, construction and maintenance of roads, bridges, drainage, and flood control structures. She served for 1.5 years as the Assistant Secretary of Operations for DOTD and 6 months as the Deputy Engineer Administrator in the DOTD HQ over statewide operations. She served for 5 years as the DOTD District Administrator in District 62. During her tenure in these positions some of her main duties were to review design plans, review plan changes, conduct public meetings, and communicate with numerous federal, state, and local agencies and officials, as well as the general public to resolve high profile issues.			
06/17 – 09/18	I-10 New Orleans Master Plan, Port Access Improvements, RPC Project NOI-10MP, State Project No. H.012837. Created a plan or a program of projects which mitigates the severe congestion extending from Interstate 10 at its interchange with the Pontchartrain Expressway (US 90B / I-910) to the Crescent City Connection (CCC) crossing of the Mississippi River, including connecting ramps and roadways. <i>Client Liaison</i>			
04/11 – 07/12	LA 21 at Greenbrier/Zinnia, St. Tammany Parish - District Administrator over the public involvement, design, and construction of the J-turns on LA 21 to allow only right turns onto LA 21 to improve safety.			
2007	Abita Springs Roundabout – LA 59 at LA 36, St. Tammany Parish - District Administrator over the construction of the 5-leg Abita Springs Roundabout to improve safety. Reviewed plan changes during construction.			
01/10 – 01/12	I-55 Resurfacing Projects, Tangipahoa Parish – District Administrator over the design and construction of I-55 overlay projects. Worked with local and state officials, reviewed plans, and reviewed construction plan changes.			
09/10 – 01/11	Brownswitch Road Roundabout, St. Tammany Parish - District Administrator over the construction of the Brownswitch/LA 1091 Roundabout to improve safety. Reviewed plan changes during construction.			
07/10 – 07/12	I-12 widening from I/10/59/12 to Northshore Blvd., St. Tammany Parish – District Administrator over the design and construction of the widening of I-12 in Slidell. Reviewed design plans and construction plan changes.			
07/10 – 07/12	I-12/LA 1088 Interchange, St. Tammany Parish - District Administrator over the design and construction of the new interchange, including tie-in to the I-12 overpass. Reviewed design plans and construction plan changes.			
07/10 – 07/12	I-12/US 51B Roundabouts, Tangipahoa Parish - District Administrator over the conceptual and preliminary design of the 3 roundabouts along US 51B at I-12 in Hammond to improve safety. Reviewed conceptual plans. Communicated with the consultant and local and state officials to resolve issues.			

16. Staff Experience

07/10 – 09/10	LA 3158 Roundabout, Tangipahoa Parish - District Administrator over the design and construction of the LA 3158/Old Covington Hwy. Roundabout to improve safety. Reviewed design plans and plan changes during construction. Communicated with local and state officials, as well as the public, to resolve issues.
01/09 – 07/12	I-12 to Bush Corridor, public involvement, including public hearings, and conducting meetings with local and state elected officials on the different phases of the project and for the route selection, based on US Corps of Engineers comments and criteria.
01/06 – 01/08	US 190 Widening, Mandeville, St. Tammany Parish, District Administrator over the construction of US 190 Widening project. Conducted public meetings and meetings with state and local officials to discuss US 190 widening issues, including drainage concerns and traffic concerns. Additional guidance signs were placed during construction and a reconfiguration of drainage was made during construction near the Greenleaves Subdivision to help resolve flooding concerns.
05/05 – 08/08 07/10 – 07/12	District Administrator for District 62 over the development, design, and construction of the highway preservation, bridge preservation, safety program, and traffic improvement program in District 62. Tasks included prioritizing projects, reviewing designs and analysis, reviewing construction cost estimates, and reviewing construction plan changes.
12/98 – 05/05	Assistant Maintenance Engineer for DOTD District 02 responsible for developing and implementing maintenance projects, review of maintenance design plans, and management of DOTD buildings and equipment.
04/88 – 12/98	Design Engineer for DOTD District 02 responsible for the design of hydraulics, hydrology, flood control structures, drainage, and box culverts, review of permits and conducting levee inspections, as well as roadway design.
10/85 – 04/88	Assistant Project Engineer for numerous construction project in DOTD District 02. Some of the projects included I-310 elevated section from LA 48 to LA 626 and the widening of LA 49.
08/82 – 10/85	Assistant Project Engineer for numerous construction project in DOTD District 04.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Ronald Kirk Gallien, PE, PTOE		Years of experience with this firm/employer	2
Title	Senior Project Manager		Years of experience with other firm(s)/employer(s)	36
Degree(s) / Years / Specialization		BS / 1984 / Civil Engineering / Louisiana Tech University		
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		TMP/TCP/Traffic Study/IMR/Safety Analysis		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.			
1994 – 2007	DOTD District 05 – District Traffic Operations Engineer			
	<ul style="list-style-type: none"> Performed numerous traffic studies and composed numerous traffic engineering reports regarding traffic control such as traffic signal installations and modifications, signing, pavement markings, and establishing speed limits. Annually investigated and analyzed existing traffic control devices at locations identified as having a high potential for safety improvement and recommended and implemented modifications to improve traffic flow and safety at these locations. Coordinated and supervised upgrading all traffic signals (approximately 275) in District 05 from electromechanical to electronic controller operations. Worked closely with private developers and public entities regarding access to proposed developments to ensure conformance with DOTD standards Completed construction 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, and responded to interrogatories and requests for production, gave depositions, and testified in court <p>Projects:</p> <ul style="list-style-type: none"> Computerized Traffic Signal System in District 05 (State Project No’s. 015-31-0043 & 016-01-0034) – provided technical assistance to the consultant during design of the project as well as construction personnel during installation of the field equipment. After completion of the project, implemented and used the computerized traffic signal system to manage traffic operations on US 165. I-20 Elevated Section Rehabilitation Ouachita Parish (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 and 2018 – 2020	DOTD District 05 – Assistant District Administrator of Operations			

16. Staff Experience

	<ul style="list-style-type: none"> Supervised traffic engineering and operations, district-wide roadway maintenance, bridge inspection and maintenance, and roadside development activities in District 05. Reviewed traffic impact studies and reviewed and approved access connection, utility, and project permits in District 05. Planned, managed, and directed all emergency response activities in District 05, which included emergency response, repairs, and recovery related to hurricanes, flooding, tornados, and winter weather.
2014 – 2018	DOTD Headquarters – Assistant Secretary of Operations
2020 – Present	<ul style="list-style-type: none"> Completed traffic studies and prepared written Traffic Engineering reports. Specific duties of traffic engineering studies included compiling filed data, performing peak period observations, performing analyses, QA/QC of field data and analyses, forming conclusions and recommendations based on the results of analyses, and preparation of technical reports. Studies included developments such as a 600-student middle school, a 400-student charter school, commercial subdivision, and a 650-unit student housing facility near Louisiana Tech University. Traffic studies and Traffic Engineering written reports also included modifications to existing traffic control devices such as traffic signal installations and modifications, signing, and pavement markings. Compiled field data and assisted with analysis of data and preparation of a written report to create a District 05 Safety Investment Plan for DOTD District 05, 4400010504, Task Order No. H.014295.1. This included analysis of crash data, determination of crash patterns, determination of appropriate safety countermeasures, benefit/cost analyses, compilation of results and compilation of recommended safety improvements for 32 state and local segments as well as 99 state and local intersections. Prepared Level 4 Transportation Management Plan for the I-10 and I-12 College Drive Flyover Design Build project, H.013897.6. Preparation of the plan included identifying the scope, goals, and constraints of the project, performing traffic and safety analyses, and assessing detour routes to effectively manage traffic during the project. Assisted with developing plans for stakeholder and public involvement during the project as well as the development of plans for maintenance of traffic, temporary traffic control, and work zone management strategies to be implemented during the project. For the Garrett Road-Kansas Lane Connector project, H.007300, assisted in preparation of a Level 4 Transportation Management Plan. Assisted with designing temporary traffic control and temporary traffic signal construction and operations required for the project. Reviewed plans and performed QA/QC for temporary and permanent traffic control throughout the entire project limits.
Certifications	<ul style="list-style-type: none"> Professional Civil Engineer – State of Louisiana Professional Environmental Engineer – State of Louisiana 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			TCP/TMP/Traffic Study	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
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. <i>Sr. Project Manager</i>			
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. <i>Sr. Project Manager</i>			
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. <i>Sr. Project Manager</i>			
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. <i>Sr. Project Manager</i>			
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. <i>Mr. Adams is providing the Traffic Control Plans.</i>			
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. <i>Sr. Project Manager</i>			
08/20 – Present	St. Vincent Avenue at 84 th 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			
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			

16. Staff Experience

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	Jonathan Duhe, PE, PTOE, RSP ¹		Years of experience with this firm/employer	9
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 / 03-31-2023; PTOE No. 4418 / 03-18-2024; RSP No. 282 / 07-17-2022	
Year registered	2016	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Traffic Study	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/21 - present	FYA Signal Improvement (LCG) (Contract No. 4400013850, T.O. No. H.014579.5) Lafayette, LA: <i>Project Engineer</i> . Oversaw development of signal plans to upgrade 28 intersections to include flashing yellow arrow signal heads as well as backplates.			
09/21 - present	Harding Blvd at I-110 (CP Proj. No. 20-CP-HC-0016), Baton Rouge, LA: <i>Traffic Engineer</i> . Performing a traffic study along Harding Boulevard between Rosewood Street and Merle Gustafson Drive including the I-110 Ramps in an effort to improve capacity. Assisted with data collection and Initial Data Collection Report.			
09/20 - present	College Drive Enhancement Project (CP Proj. No. 20-CP-HC-0033), Baton Rouge, LA: <i>Traffic Engineer</i> . Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including peak period observations and travel time runs. Also performed safety analysis along the College Drive corridor.			
06/20 - present	I-10/12 College Drive Flyover Design Build (H.013897.1), Baton Rouge, LA: <i>Traffic Engineer</i> . 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.			
04/20 – 06/21	District 05 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.014295.1) District 05, LA: <i>Traffic Engineer</i> . 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: <i>Traffic Engineer</i> . Assisted with safety analysis including reviewing crashes utilizing LaDOTD’s CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.			
11/17 – 04/19	District 08 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013264.1) District 08, LA: <i>Traffic Engineer</i> . 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: <i>Traffic Engineer</i> . 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: <i>Traffic Engineer</i> . 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.			

16. Staff Experience

02/15 – 12/17	US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1): <i>Traffic Engineer</i> . 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: <i>Project Engineer</i> . Oversaw Intersection Operational Analyses (HCS), safety analysis, alternative development, and traffic report preparation.
03/20 – 06/20	Braud Rd @ Germany Rd Temp. Signal Design, Gonzales, LA: <i>Project Engineer</i> 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: <i>Project Engineer</i> 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: <i>Project Engineer</i> 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: <i>Project Engineer</i> 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	Seth Popay, EI		Years of experience with this firm/employer	2
Title	Project Engineer		Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			BS / 2019 / Civil Engineering	
Active registration number / state / expiration date			EI 0034729 / LA / 3-31-2023	
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Traffic Study/IMR	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
12/20 – Present	College Dr. Enhancement Project (MOVEBR) Baton Rouge, LA: <i>Engineer Intern</i> . Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including travel time runs and collecting crash reports. Also assisted with performing a safety analysis using LADOTD’s Cat Scan safety tool.			
1/21 – 3/21	District 05 Safety Investment Plan – District 05, LA: <i>Engineer Intern</i> . Assisted with safety analysis using LADOTD’s Cat Scan safety tool. Also assisted with One Page Summary reports that were provided to the district.			
12/20 – Present	Proposed Ouachita Middle School TIS – Monroe, LA: <i>Engineer Intern</i> . Assisted with data collection as well as trip generation and trip distribution.			
1/21 – 12/21	I-10 ITS Scott to Lake Charles, Statewide, LA: <i>Engineer Intern</i> . Assisted with design and layout of a new ITS cameras along I-10 between Scott to Lake Charles. (MicroStation)			
10/21 – Present	FYA Signal Improvements, Lafayette, LA : <i>Engineer Intern</i> . Assisted with the data collection for the signal inventory sheets. Also assisted with development of signal plans for the 28 intersections to include flashing yellow arrow signal heads as well as backplates.			
3/21 – Present	Synchronization and Communication Signal Rebuilds – Group 3, Baton Rouge, LA: <i>Engineer Intern</i> . Assisted with data collection and peak hour determination. Performed a safety analysis of all 6 intersections using LADOTD’s Cat Scan safety tool. Assisted with signal designs. (Synchro, Clearance Calcs, AutoTurn, MicroStation)			
8/21 – Present	Synchronization and Communication Signal Rebuilds Phase 2 – Group 4, Baton Rouge, LA: <i>Engineer Intern</i> . Assisted with data collection and peak hour determination. Performed a safety analysis of all 6 intersections using LADOTD’s Cat Scan safety tool. Assisted with signal designs. (Synchro, Clearance Calcs, AutoTurn, MicroStation)			
1/22 – Present	N 5 th St – N 6 th St Traffic Study, Monroe, LA – <i>Engineer Intern</i> . Performed a safety analysis of the two corridors as well as a safety analysis of the major intersections along both corridors using LADOTD’s Cat Scan safety tool.			

16. Staff Experience

8/21 – 2/22	LA 16 Access McDonalds/ Urgent Care TIS, Watson, LA – <i>Engineer Intern</i> . Assisted with data collection including peak hour observations and TMC counts. Performed turn lane analysis and intersection analysis. (HCS software)
2/22 – Present	Patriots Point Mixed Use Development TIS, Watson, LA – <i>Engineer Intern</i> . Performed trip generation as well as trip distribution. Assisted with turn lane analysis and intersection analysis. (HCS software)
12/21 – 1/22	LA 1256 Corridor Study, Lake Charles, LA – <i>Engineer Intern</i> . Collected and reviewed crash reports. Assisted with safety analysis for three intersections along LA 1256 corridor using LADOTD's Cat Scan safety tool.
Career History	Mr. Popay is a new graduate Engineer Intern with experience in multiple traffic and safety engineering software packages including HCS, SYNCHRO, Vissim, SIDRA and LADOTD's CAT Scan safety tool.

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				
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Construction Support		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.			
Career History	Certified in Work Zone Traffic Control Supervisor, Technician and Flagger.			
05/15 – Present	LA 328 Stage 0, Breaux Bridge, LA – Traffic & Safety Study (S.P. No. 44-4909, T.O. H.011279.1) Develop to traffic and safety analysis of the LA 328 in proximity to I-10 in St. Martin Parish. Performed traffic counts and traffic controller downloads.			
06/14 – Present	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 downloads.			
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 downloads.			
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 downloads.			
09/14 – 01/18	District 02 Traffic Signal Inventory Retainer Contract, I-610, I-10, US 90 & LA 3021 Corridor Improvements (17 intersections) (4400004829 Task Order H.011649.5) Performed traffic counts and traffic controller downloads.			
09/14 – 01/18	District 02 Traffic Signal Inventory Retainer Contract, US 90, US 61 & LA 611-9 Corridor Improvements (20 intersections) (4400004829 Task Order H.011646.5) Performed traffic counts and traffic controller downloads.			
09/14 – 01/18	District 02 Traffic Signal Inventory Retainer Contract, US 61 & LA 3154 Corridor Improvements (23 intersections) (4400004829 Task Order H.011514.5) Performed traffic counts and traffic controller downloads.			
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 downloads.			
07/14 – 12/14	Baton Rouge Computerized Signalization Phase VA – H.001609, Phase VA included 23 intersections, performed construction inspection in support of the City of Baton Rouge computerized traffic signal synchronization system. Performed construction inspection as the Resident Project Representative.			
12/14 – 05/15	Retainer for Signal Timing Studies Districts 61, 62 & 02, (400000691 T.O. H.005750) LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections) Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.			

16. Staff Experience

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 downloads.
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 downloads.
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 downloads.
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 downloads.
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 downloads.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Don Lancaster, P.E.		Years of relevant experience with this employer	18
Title	Senior Project Manager		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization			BS / 1982 / Civil Engineering	
Active registration number / state / expiration date			No. 22821 / LA / 09-30-2023	
Year registered	06-30-1987	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Wastewater Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
03/07 - 04/11	Bay Saint Louis Infrastructure Repairs - Project Manager for the planning, design, bidding, and construction management of this program. Supervised the engineering and support staff responsible for design and construction administration of over \$70 million in water, sewer, gas distribution, roadway, and sidewalk improvements.			
01/08 – 10/09	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.			
02/10 – 02/11	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			

16. Staff Experience

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

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Hunter Thom, P.E.		Years of relevant experience with this employer	22
Title	Senior Project Manager		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			BS / 1972 / Mathematics; BS / 1982 / Civil Engineering	
Active registration number / state / expiration date			No. 2085118 / LA / 09-30-2022	
Year registered	09-27-1983	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Wastewater Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.			
02/10 – 02/11	Bayou Duplantier Upgrades for City of Baton Rouge/E. Baton Rouge Parish DPW - Project manager for upgrades to the sanitary sewer system in the Bayou Duplantier area. Work included improvements to a gravity sewer system to alleviate sanitary sewer overflows (SSO). The project included approximately 12,500 linear feet of gravity sewer pipeline 15 to 36 inches in diameter.			
12/03 - 06/04	Morrison Road Sewer Relocations, City of New Orleans, LA: Project Manager/Engineer for survey and design of the relocation of 2000 feet of existing sewer force main and 2000 feet of existing gravity sewer.			
01/08 – 10/09	Gurney Road Area Sewer Upgrades for City of Baton Rouge/East Baton Rouge Parish DPW: Project Engineer for upgrades to the sanitary sewer system in this area to alleviate sanitary sewer overflows, including replacement of a pump station, 200 feet of 12” gravity sewer and 13,500 feet of 8” to 14” force main.			
03/07 - 04/11	Bay Saint Louis Infrastructure Repairs - Project Engineer 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.			
12/19 - Ongoing	Safe Haven Blue Green Campus Master Plan, St. Tammany Parish, LA: Project Engineer. 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.			
02/09 – 04/09	Modifications to Municipal Sewage Treatment Plant, Port Allen, LA – Project Engineer for addition of belt filter press, sludge handling system, lime feed system, and pre-engineered metal building to existing extended-aeration treatment plant.			
2002	Bluebonnet Road Realignment - Baton Rouge, LA Survey and preparation of right-of-way and construction plans for a 2 mile five lane arterial realignment project. Project included preparation of environmental documents. Role: Project Manager			
2009	Sanitary Sewer System Rehabilitation, Port Allen, LA: Project Engineer for rehabilitation of 0.8 miles of existing sanitary sewer system.			
2009	Court Street Sanitary Sewer Extension, Port Allen, LA: Project Engineer for 0.4 miles of sanitary sewer extension.			
	Sewer System Improvements Program, Demolition and Closure of Sewage Treatment Facilities, Baton Rouge, LA – Project Manager/Engineer for Demolition and closure of 105 treatment plants and 29 oxidation ponds in 13 separate projects.			

16. Staff Experience

	Sanitary Sewer System Rehabilitation, Port Allen, LA – Project Engineer for rehabilitation of 1.2 miles of existing sanitary sewer system.
	Sewage Treatment Plant Restoration and Septic Tank Collection System Installation, Longhorn Army Ammunition Plant, Marshall, TX: Project Engineer for addition of clarifier, aerobic digester and 3 rotating biological contactors to an existing Imhoff treatment plant, rehabilitation of existing sludge drying beds, and addition of 2 miles of force mains and gravity mains.
	California Avenue Sanitary Sewer Improvements, Port Allen, LA – Project Engineer for 0.4 mile sanitary sewer system extension.
Career History	Mr. Thom is a project design engineer and project manager and has been assigned to a variety of bridge, highway, and other civil engineering projects. His duties include design and analysis, preparation of construction plans, specifications, and cost estimates, supervision of engineering and drafting, and coordination with clients. Mr. Thom has over 40 years' experience in design of highway and other civil engineering projects, including structural design of highway bridges, and including line and grade, topographic surveys, environmental clearance, preliminary plans, right-of-way surveys/mapping, final plans and CE&I services.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Warren Huggins, PE		Years of relevant experience with this employer	8
Title	Project Manager		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization			BS / 2012 / Civil Engineering	
Active registration number / state / expiration date			No. 42443 / LA / 09-30-2024	
Year registered	03-22-2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Wastewater Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
08/17 - Ongoing	Neighborhood Sewer Systems Improvements – Package 6, Houston, TX: Project Manager. Providing engineering services for the design, bidding, construction administration to rehabilitate aging sewer in 5 project areas in a Houston neighborhood. the sewer improvements include the replacement and rerouting 6,800 feet of 8”-10”, 3,000 feet of 15”-18” and 3,200 feet of 24” sanitary sewer. Most of the installation is designed to be constructed via trenchless technology by way of horizontal directional drilling and micro tunneling. The project also includes several water main segment replacements for constructability.			
05/21 – Ongoing	TM008 - Transmission Main and Water Main Replacement: Project Manager for engineering design, bidding, construction administration and resident inspection services for an assortment of transmission, distribution water mains and sewer force main in several neighborhoods across New Orleans. The transmission main replacement includes 1,800 feet of 8”-12” distribution mains, over 750 feet of 20”-30” transmission mains, and over 500’ of 48” transmission main. The sanitary sewer force main replacement includes over 500’ of 30” force main and ties into a sewer pump station.			
05/17 – 05/22	RR104 - Lower Ninth Ward Northeast Group B – New Orleans, LA: Project Manager. Providing engineering services for the design, bidding, construction administration and resident inspection to reconstruct 24 blocks in the Lower Ninth Ward Neighborhood. This full reconstruction includes full depth roadway construction, drainage replacement and improvements, water line replacement, sewer line replacement, handicap ramp improvements, sidewalk / driveway improvements, and drain line inspection and cleaning. The utility replacement consisted of over 10,000 feet of 8”-12” main line distribution and over 1,000 feet of 8”-12” sanitary sewer.			
10/20 - Ongoing	RR199 - West End Group G, New Orleans, LA: Project Manager. Neel-Schaffer is providing engineering services for the design, bidding, construction administration and resident inspection to reconstruct 6 blocks in the West End Neighborhood. This full reconstruction includes full depth roadway construction, drainage replacement and improvements, water line replacement, sewer line replacement, handicap ramp improvements, sidewalk and driveway improvements. The utility replacement consisted of over 3,000 feet of 8”-12” main line distribution and over 1,300 feet of 8”-12” sanitary sewer..			
08/12 – 08/15	West St. Tammany Wastewater Treatment Consolidation, St. Tammany Parish, LA: Project Engineer. Provide modeling and design services to consolidate wastewater treatment throughout west St. Tammany Parish (west of the Tchefuncte River and south of I-12) into its regional treatment facilities.			
07/2013 - 10/2018	Port of Gulfport Restoration Program – West Pier Construction Phases 1, 2, and 3, West Pier Facilities, Gulfport, MS: Construction of over \$160 million in port improvements including demolition, grading, storm drainage and site utilities, paving and roadway construction, electrical and site lighting, striping, railroad construction, transit shed, administration, and maintenance and repair			

16. Staff Experience

	buildings. Responsibilities include developing construction constraints and sequencing plans for all projects, design of some site utilities, and cost estimation duties.
01/17 – 02/19	RR103 - Lower Ninth Ward Northeast Group A: Project Engineer. Provided engineering services for the design, bidding, construction administration and resident inspection to repair and rehabilitate 82 blocks in the Lower Ninth Ward Neighborhood. This street rehabilitation project was part of the wave one Joint Infrastructure Recovery Roads program which is a comprehensive recovery strategy to repair Hurricane Katrina related damages on and beneath city managed streets throughout New Orleans. As the design consultant for the Department of Public Works, NSI coordinated with both the Sewerage and Water Board and FEMA throughout the scoping and design process.
05/20 - Ongoing	RR125 - Mid-City Group B - Waterline Replacement, New Orleans, LA: Project Manager provided design, construction administration and resident inspection for water line replacement on over 56 blocks located in the Mid-City Neighborhood. The waterline replacement consisted of over 25,000 feet of 8"-12" and 1,500 feet of 16"-20" main line distribution. This replacement project is part of the Joint Infrastructure Recovery Roads Program (JIRR) between the Sewerage and Water Board (S&WB) of New Orleans and the Department of Public Works (DPW).
02/2018 - 10/2021	RR025 - City Park Water Line Replacement Program, New Orleans, LA: Project Manager provided design, construction administration and resident inspection for water line replacement on 6 blocks located in the City Park Neighborhood. The water line replacement consisted of over 1,000 feet of 8"-12" and 800 feet of 16"-20" main line distribution. This replacement project is part of the Joint Infrastructure Recovery Roads Program (JIRR) between the Sewerage and Water Board (S&WB) of New Orleans and the Department of Public Works (DPW).
12/19 - Ongoing	Safe Haven Blue Green Campus Master Plan, St. Tammany Parish, LA: Project Manager. Development of a master plan and designing drainage improvements for the 293-acre Safe Haven complex. Responsibilities on the project include an assessment of the existing infrastructure including, roadways, parking, site utilities and site drainage; an environmental screening considering potential for impacts to wetlands and known species of concern, including consideration of required permits; design of improvements to site drainage emphasizing green infrastructure, including detention ponds, bioswales, and rain gardens.
Career History	Mr. Huggins has been in our New Orleans and Mandeville, LA offices since the fall of 2013. He designs and manages the construction of several FEMA – Funded Recovery Roads Program projects in New Orleans that include roadway reconstruction, ADA ramp improvements, water and sanitary sewer replacement and drainage improvements. Mr. Huggins previously joined our Ridgeland, MS office in the summer of 2012 for Neel-Schaffer, Inc.'s summer internship program. He's assisted in other disciplines such as airport design and planning, site design, coastal restoration, and bridge replacement.

16. Staff Experience

Firm employed by Neel-Schaffer, Inc.				
Name	Leah Selcer, P.E.		Years of relevant experience with this employer	2
Title	Civil Engineer		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			BS / 2014 / Civil Engineering	
Active registration number / state / expiration date			No. 43492 / LA / 09-30-2023	
Year registered	05-16-2019	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Wastewater Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
01/14 – 04/14	EBR SSO - Siegen Ln - I-10 Area Rehabilitation Project: As a part of the SSO Rehabilitation project a proximately 252,438 linear feet of pipeline were inspected and rehabilitated and approximately 1,182 manholes were rehabilitated or replaced. Rehabilitation of the sewer collection system is a comprehensive physical process that begins with cleaning and inspection of sewer pipes and manholes. Typical rehabilitation repairs include pipe and manhole replacement and trenchless technologies that minimize above ground disturbances, such as cured-in-place pipe liners. Ms. Selcer reviewed inspection of pipe, made recommendation for repair and rehabilitation, and assisted in the preparation of construction documents.			
01/14 – 06/14	EBR SSO- Scenic Hwy - Spanish Town Rd Area Rehabilitation Project (Phase 2): As a part of the SSO Rehabilitation project an approximately 355,498 linear feet of pipeline were inspected and rehabilitated and approximately 1,348 manholes were rehabilitated or replaced. Rehabilitation of the sewer collection system is a comprehensive physical process that begins with cleaning and inspection of sewer pipes and manholes. Typical rehabilitation repairs include pipe and manhole replacement and trenchless technologies that minimize above ground disturbances, such as cured-in-place pipe liners. Ms. Selcer reviewed inspection of pipe and made recommendation for repair and rehabilitation and assisted in the preparation of construction documents.			
08/14 – 12/14	EBR SSO- N 38th St - Gus Young Ave Area Rehabilitation Project: As a part of the SSO Rehabilitation project an approximately 85,021 linear feet of pipeline were inspected and rehabilitated and approximately 340 manholes were rehabilitated or replaced. Rehabilitation of the sewer collection system is a comprehensive physical process that begins with cleaning and inspection of sewer pipes and manholes. Typical rehabilitation repairs include pipe and manhole replacement and trenchless technologies that minimize above ground disturbances, such as cured-in-place pipe liners. Ms. Selcer reviewed inspection of pipe, made recommendation for repair and rehabilitation, and assisted in the preparation of construction documents.			
02/15 – 11/15	Rollins Road Regional Pump Station, Zachary, LA: Ms. Selcer was responsible for the design of approximately 2,000 LF of gravity sewer, 4,500 LF of force main and a 1000 gallon per minute lift stations to serve the Rollins Road area in Zachary Louisiana. Tasks included design (using AutoCAD pipes program), cost estimating, compiling final plans and specifications, obtaining DOTD, DHH and coordinating with client and sub-contractor (surveyor).			
03-18 – 12/18	MLK Sanitary Sewer Project, Terrebonne Parish, LA: This project consists of the design and preparation of bidding and construction documents for approximately 2,400 linear feet of sanitary sewer along Martin Luther King Boulevard. Ms. Selcer is responsible for coordinate with Parish officials and Administrative Consultant for the proposed sewer assessment program, including participation			

16. Staff Experience



	in public meetings, hearings, and site visits. Procedures for the Assessment Program include preparation of Notice to Public, hosting informal hearings, preparation of Notice of Intention, and holding a Formal Protest Hearing.
02/18 – 04/18	Red Dog Mine – Wastewater Treatment Plant Evaluation, Kotzebue, AK: Ms. Selcer prepared calculations and recommendations for the required improvements for two wastewater treatment facilities for the TECK Company in Kotzebue Alaska. Ms. Selcer reviewed historical sewer influent and effluent records to evaluate existing sewer capacities and she prepared recommendations for required improvements to the existing treatment plants to accommodate future mine expansions.
01/19 – 10/19	Naquin Sanitary Sewer Lift Station Relocation: Ms. Selcer served as project manager and design engineer for this project to demolish and relocate an existing sewer lift station. Tasks included preparing construction documents and specifications for the proposed lift station, force main and gravity sewer relocation.
Career History	Leah joined NSI's Baton Rouge office in 2020. With an extensive and diverse experience working for consulting firms on a variety of Civil Engineering projects, her focus is providing Coastal Engineering services for NSI clients. She has a broad range of project engineering and management experience, providing design, planning, and budgeting services for multiple projects. She is also experienced in preparing permits, plans and specifications, design calculations, reports, and presentations for a variety of civil engineering projects. She has assisted in the engineering and design of several complex civil, coastal and water resources projects for coastal ports, parish governments, LADOTD, CPRA, as well as private developers.

16. Staff Experience



Firm employed by Neel-Schaffer, Inc.				
Name	Barry Brupbacher		Years of experience with this firm/employer	16
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			Environmental Lead	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
07/15 – Present	US 90 Pearl River Bridges Environmental Assessment (NO. H.000284 & NO. H.000286), St. Tammany Parish, LA and Hancock County, MS: 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. <i>Alternatives include placement of new bridges on the existing alignments utilizing temporary bypass structures, as well as alternatives supporting upstream and downstream bridge concepts. For the East Pearl River both concrete and steel span structures were considered.</i> Work also includes navigation studies and supporting environmental studies. <i>Project Manager</i>			
11/15 – 12/19	Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Consolidated Government: 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. <i>Project Manager</i>			
07/15 – Present	Mandeville Bypass, St. Tammany Parish, LA: 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. The project includes roundabout geometry intersections at LA 1088 and US 190. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish. Mr. Brupbacher led the <i>environmental planning</i> for the project which includes analysis of potential wetlands and potential impacts to a Threatened and Endangered species, the Red Cockaded Woodpecker as well as the public involvement, developing traffic forecasts, providing traffic analysis and providing design services for concept routes.			
01/10 – 01/11	Route LA 3234 Stage 0 Feasibility Study (State Project No. H.008915.1), Tangipahoa Parish, LA: 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. <i>Project Planner</i> 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 Consolidated Government (LCG) Contract No. 500-10-034, State Project No. H.009335), Lafayette Parish, LA: 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. <i>Project Manager</i>			

16. Staff Experience

05/11 – 02/13	Environmental Assessment (EA), Route LA 182 (North University Avenue) Widening (Lafayette Consolidated Government (LCG) Contract No. 500-10-034, State Project No. H.009335), I-10 to West Pont des Mouton Road, Lafayette Parish: 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. <i>Project Manager</i>
2000 – 2003	I-49 South, Lafayette Regional Airport to LA 88 (FHWA-LA-EIS-03-01-D), Lafayette, St. Martin and Iberia Parishes, LA: Project included the development of traffic studies, line and grade studies and an EIS with ROD. The proposed action by the LADOTD involves converting approximately 12 miles of U.S. 90 in the project area to a full “Control of Access” highway meeting current interstate standards. <i>Project Manager</i>
05/07 – 10/09	St. Martinville Bypass, Route LA 31 (LADOTD No. 700-50-0112), St. Martin Parish, LA: Project includes traffic forecasts and analysis and environmental studies supporting the construction of a new 7.2-mile Suburban Arterial Roadway providing a west Bypass of St. Martinville. <i>Project Manager</i>
01/09 – 12/09	Interstate 10 Frontage Road Feasibility Study (LADOTD Project No: 736-28-0042), Lafayette, LA: 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. <i>Project Planner</i> supporting the alternatives development.
12/14 – 12/19	Stage 0 Feasibility Studies of Modern Roundabouts (Project No. H04490), Lafayette MPO area: Stage 0 studies supporting potential roundabouts at 23 intersections. Performed <i>QA/QC</i> of Stage 0 Reports
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, as well as passenger rail planning, 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. He is pre-certified by TxDOT in Policy Planning, Systems Planning, Subarea/Corridor Planning, Land Planning/Engineering, Section. 4(F)/6(F) Evaluations, Socio-Economic and Environmental Justice Analyses and Environmental Document Preparation.

Crescent Engineering & Mapping, LLC			
 <p>Dennis M. Hymel, Jr., PE Engineering Manager</p> 	Years of relevant experience with this employer		1
	Years of relevant experience with other employer(s)		17
Degree(s) / Years / Specialization		Bachelor of Science/2009/Civil Engineering	
Active registration number / state / expiration date		38172 / LA / 09/30/2023	
Year registered	2013	Discipline	P.E./Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Design Lead/EOR. Dennis will lead the bridge design effort, oversee bridge plan production and serve as the bridge EOR.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/16 – 08/21 (previous employer)	SP No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Project Manager/Engineer of Record. Responsible for all roadway design including H&V geometrics and drainage, prepared Level 4 TMP and construction phasing plans. Designed single slope TL-4 median barriers on concrete footings, special median barrier transitions for lighting; Quality Control & bridge design engineer for the widening of Pontchatolawa Creek and Tammany Trace bridges including AASHTO Type III prestressed girders with varying skewed, bobtail spans and LRFR. Quality Assurance engineer for widening of US 190 bridges including AASHTO Type II & IV prestressed girders. Performed Construction Support Services. Design completed under an accelerated project schedule .		
03/14 – 08/21 (previous employer)	SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Manager/Engineer of Record. Lead design engineer responsible for roadway design including hydraulics, roadway H&V geometrics, superelevation, intersection design, R-CUT intersections, prepared Level 3 Traffic Management Plans and oversaw roadway plan production, performed plan QA/QC of five-span, AASHTO Type III girder bridge for the new 5.5-mile, four-lane rural roadway from LA 435 to Bush.		
09/18 – 08/21 (previous employer)	SP No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Quality Control Manager. QC/QA of roadway design elements including horizontal and vertical geometry, intersection design, oversight of roadway plan production for one mile of 5 lane urban roadway reconstruction. Responsible for bridge design report, QC of bridge plan development for a horizontally curved, superelevated, 1400-foot-long bridge over the Bouge Falaya River using LG 36 and LG 54 prestressed concrete girders, 30’ rectangular column bents, low water pier foundations. Coordinated utility conflicts and relocations, prepared cost estimates.		



03/22 – Ongoing	Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Project Manager/Lead Engineer. Responsible for all roadway horizontal/vertical alignments, roadway and bridge hydraulic analysis, retaining wall design, LRFD bridge design, oversight of plan preparation, coordination/oversight of geotechnical for the replacement of four (4) bridge RC Slab Span sites throughout Tangipahoa Parish on E. Lewiston Rd., Easley Rd. and Old Genessee Rd. (2) sites.
05/15 – 04/18 (previous employer)	SP H.011788, Oak St. Bridge/Poydras Bayou, West Baton Rouge Parish, LA (LADOTD) – Project Manager & Engineer of Record. Responsible for topographic surveys, roadway and bridge design, special LRFD bent and span design to accommodate hydraulic conditions, 25' slab spans, LRFR, hydraulic analyses, steel bulkhead design and detailing, preliminary and final plans for the 3-span continuous Off-System bridge.
05/20 – 08/21 (previous employer)	Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD) – Project Manager/Engineer of Record. Led contract negotiations, performed QC review of topographic surveys, served as the EOR for roadway, geometrics, and bridge design elements including hydraulics analysis, scour, horizontal/vertical alignments, Level 1/2 TMP's, bridge design & LRFR (non-standard structures) including RC Slab Span and LG-25 girders, oversight of geotechnical services and environmental permitting, Environmental checklists, SOV's, CE document preparation and permit applications for the spot replacement of 47 bridge structures in northern Louisiana containing Fifteen (15) State Project Numbers.
03/16 – 02/19 (previous employer)	SP H.011670, I-10/Loyola Interchange Improvements, Jefferson Parish, LA (LADOTD) – Project Manager/Lead Engineer. Lead design team for Line and Grade studies and the Environmental Assessment (EA), assisted in preparation of the EA document, critical geometry, interchange modification and alternative screening, lead engineer for the design of a four-level stacked, directional interchange (\$150 MM) including roadway and bridge, curved steel plate and prestressed concrete girder bridges, urban roadway sections, major utility conflict assessments, cost estimates, public meetings and quality control for a diverging diamond interchange (DDI) for the new interchange on I-10 at Loyola Dr. for the new airport terminal at Louis Armstrong Int'l Airport (MSY).
03/18 – 04/21 (previous employer)	S.P. H.013080, McLemore Road/Bee Bayou, Richland Parish, LA (LADOTD) – Project Manager/Engineer of Record – Responsible for all roadway and bridge design including geometrics, bridge TS&L, hydraulics, foundation layout, and bridge plan production for the 7-span bridge replacement near Rayville, LA.
01/12 – 08/15 (previous employer)	S.P. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD) – Staff Engineer. Performed roadway and bridge design including special 23' spans for the three-lane, 210' long bridge over Bayou Lafourche, LRFR of special bents and spans, prepared bridge plans and details.
02/10 – 01/12 (previous employer)	SP 450-10-0159, I-10 Widening (Siegen Lane to Highland Rd.), East Baton Rouge Parish, LA (LADOTD) – Staff Engineer. Prepared roadway design plans including development of H&V geometry, drainage design, DB team coordination, construction support, structural design of cantilevered concrete retaining walls, barriers and footings, barrier mounted light poles & signage, cost estimation for the widening of I-10 in Baton Rouge, LA.

Crescent Engineering & Mapping, LLC					
	Abbey F. Falcon, P.E. Project Engineer			Years of relevant experience with this employer	<1
				Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			Bachelor of Science/2017/Civil Engineering		
Active registration number / state / expiration date			46035 / LA / 03/31/2024		
Year registered	2021	Discipline	P.E./Civil Engineering		
Contract role(s) / brief description of responsibilities			Bridge Project Engineer – Abbey will assist with bridge design and will lead bridge plan preparation and detailing.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
04/20 – 04/22 (previous employer)	S.P. H.013953, McManus Road Bridge/Cypress Creek, Richland Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, prepared bridge TS&L, prepared roadway and bridge plans, design report forms, design criteria for the eight (8) span bridge replacement.				
04/20 – 05/22 (previous employer)	S.P. H.013955, LA 507, 514, Local: Bayou and Cr BRs, Red River Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, curved bridge sites, prepared roadway and bridge plans, design criteria for the replacement of seven (7) LADOTD On-System bridges .				
04/20 – 04/22 (previous employer)	S.P. H.013987, LA 521: Bridges Near Dykesville, Claiborne Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, superelevation, drainage, bridge TS&L, prepared roadway and bridge plans, design report & criteria forms for the replacement of three (3) LADOTD On-System bridges .				
06/18 – 04/21 (previous employer)	S.P. H.013080, McLemore Road/Bee Bayou, Richland Parish, LA (LADOTD) – Project Engineer – Assisted with roadway and bridge design including Inroads modeling, geometrics, bridge TS&L, hydraulics, foundation layout, and bridge plan production for the 7-span bridge replacement near Jena, LA.				
04/20 – 02/22 (previous employer)	S.P. H.013954, Pleasant Ridge/Rabbit Branch, LaSalle Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, prepared bridge TS&L, prepared roadway and bridge plans, design report forms, design criteria for the 3-span span bridge replacement.				

05/17 – 08/21 (previous employer)	SP H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Project Engineer. Assisted with all roadway design elements on the 4-mile Interstate widening project including geometrics, Level 4 TMP and drainage. Prepared quantities, Inroads roadway modeling, summary sheets, typical sections, detailing, Sequence of Construction sheets, prepared preliminary and final roadway plans. Accelerated project schedule.
04/18 – 10/21 (previous employer)	SP H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Project Engineer. Assisted with all roadway design elements on the 1-mile Urban, multi-lane roadway widening project including geometrics and drainage. Prepared quantities, performed Inroads roadway modeling, prepared summary sheets, typical sections, detailing, assisted with the preparation of preliminary and final roadway plans.
03/21 – 07/22 (previous employer)	SP H.014233, LA 160: Cypress Bayou and Relief Bridges, Bossier Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, prepared roadway and bridge plans up to 60% Final Plans, design criteria for the replacement of two (2) LADOTD On-System bridges .
07/22-Ongoing	Old Genessee Rd. Bridges/Creeks, Tangipahoa Parish, LA (Tangipahoa Parish) – Lead Engineer – Responsible for roadway and bridge design including TS&L, bridge hydraulics and plan production for the replacement of two (2), 3-span Off-System timber bridges near Tickfaw, LA
05/17 – 08/21 (previous employer)	S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Engineer. Assisted with all roadway design elements on the 5.5 rural, 4-lane corridor project including geometrics and drainage design. Prepared quantities, performed Inroads roadway modeling, prepared summary sheets, typical sections, detailing, Sequence of Construction sheets, prepared preliminary and final roadway plans.
03/21 – 07/22 (previous employer)	SP H.014217, LA 537: Bridges Near Plain Dealing, Bossier Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, prepared roadway and bridge plans up to 60% Final Plans, design criteria for the replacement of three (3) LADOTD On-System bridges .
03/21 – 07/22 (previous employer)	SP H.014231, LA 153: Topy Creek Relief & Drain Bridges, Bienville Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, prepared roadway and bridge plans up to 60% Prelim Plans for the replacement of four (4) LADOTD On-System bridges .
07/17 – 06/21 (previous employer)	S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD) – Project Engineer. Assisted with H&V geometrics, roadway drainage design, roadway and bridge plan production, Inroads modeling, quantity calculations for the 2.7 mile rural safety widening project including split phased bridge construction of the RC slab span bridge over unnamed Bayou.

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		James P. Ledet, P.E., F. ACEC Quality Control Engineer	
		Years of relevant experience with this employer	<1
		Years of relevant experience with other employer(s)	44
Degree(s) / Years / Specialization		Bachelor of Science/1982/Civil Engineering	
Active registration number / state / expiration date		22428 / LA / 03/31/2024	
Year registered	1986	Discipline	P.E./Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Quality Control Engineer – Jimmy will serve as the bridge Quality Control engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/15 – 08/17 <i>(previous employer)</i>	SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Senior Supervising Engineer. Supervision and oversight of roadway design including QC of hydraulic analysis, geometrics and supervision of plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.		
11/10 – 06/14 <i>(previous employer)</i>	SP 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD) – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, utility relocations, bulkheads and drainage, and bridge design including special span lengths, curved spans, special bents and rail elements, oversight of construction support and shop drawing review for the 183’ long bridge replacement.		
06/22 – Ongoing	Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Quality Control Manager. Responsible for review of hydraulic design and hydraulic analysis reports, roadway plan and bridge plans for four (4) bridge RC Slab Span sites throughout Tangipahoa Parish on E. Lewiston Rd., Easley Rd. and Old Genessee Rd. (2) sites.		
03/10 – 05/14 <i>(previous employer)</i>	SP 713-04-0002, LA 400 Bridge over Cancienne Canal, Assumption Parish, LA (LADOTD) – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, and bridge design, supervised roadway and bridge plan production including bridge details, roadway details for the 7-span off-system bridge replacement.		
10/09 – 11/17 <i>(previous employer)</i>	07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish, LA (Terrebonne Parish Consolidated Government) – Engineer of Record (Ph. I)/Supervising Engineer (Ph. II). Responsible for topographic surveying, oversight of roadway design including drainage and geometrics, and oversight of RC Slab Span bridge design including special/curved spans for 1.6-mile, four-lane roadway extension (UA-2) including signal upgrades and turn lanes on state routes.		

1997-2011 (previous employer)	SP 713-55-0100, St. Ann Bridge Replacement, Terrebonne Parish, LA (LADOTD) – Engineer of Record. Responsible for topographic surveying and all roadway design aspects, bridge design and approaches for the moveable bridge replacement with a single-leaf, bascule span bridge.
02/05 – 05/08 (previous employer)	SP 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD) – Engineer of Record. Responsible for all roadway design aspects including and subsurface drainage design; construction support and topographic survey for two-mile long UA-2, five-lane widening project.
11/99 – 01/01 (previous employer)	SP 742-07-0019, Bayou Gardens Blvd. Widening: LA 659 to Alma St., Terrebonne Parish, LA (LADOTD) – Engineer of Record/Project Manager. Responsible for topographic surveying, roadway design including geometrics and intersection improvements and subsurface drainage design for the one-mile UA-2 widening project.
1994 – 1997 (previous employer)	SP 413-01-0011, Hollywood Rd./LA 311 Intersection Improvements/Bridge Replacement, Terrebonne Parish, LA (LADOTD) – Engineer of Record/Project Manager. Responsible for design of roadway, hydraulics, utility relocations, drainage improvements, bulkheads and bridge design services for intersection improvement and bridge replacement project.
1993 - 1997 (previous employer)	SP 065-91-0011; S.P. 855-04-0052; S.P. 855-08-00340, Howard Avenue Bridge and Approaches, Terrebonne Parish, LA (LADOTD) – Engineer of Record. Responsible for roadway design including subsurface drainage, geometrics, and bridge design of steel lift span bridge replacement (using towers from Pinhook Rd. bridge) for preliminary and final plans.
1985 - 1991 (previous employer)	SP 700-26-100, Off-System Bridge Replacement Program, Lafourche Parish, LA (LADOTD) – Engineer of Record/Project Manager. Responsible for engineering design services for the replacement of four (4) bridges and associates roadway approaches: S.P. 713-46-98, Parish Road 16 (Choctaw Road) over St. James Canal; S.P. 713-53-93, Parish Road 18 (60 Arpent Road) over Bayou Boudreaux; S.P. 713-53-94, Parish Road 11 (Lepine Rd. #1) over unnamed canal; and S.P. 713-53-92 Parish Road 579 (Hamilton Road) over 40 Arpent Canal.
1994 - 1995 (previous employer)	SP 742-05-0042, Combon Bridge and Approaches, Terrebonne Parish, LA (LADOTD) – Project Manager. Responsible for EIS document and design of new 100 Ft. vertical lift span across Grand Caillou including roadway approaches and shop drawing reviews during construction.
1984 - 1986 (previous employer)	SP 855-14-08 & 65-90-23, LA 3087: Bridge over Bayou Terrebonne at East Street, Terrebonne Parish, LA (LADOTD) – Project Manager. Responsible for the roadway and bridge design services to retrofit the existing Prospect Street bridge to be relocated to construct a vertical lift bridge at East Street, and associated intersection improvements at LA 24 and LA 659.

Crescent Engineering & Mapping, LLC					
	Kelly G. Jones Sr. Technician			Years of relevant experience with this employer	<1
				Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			Bachelor of Arts/2012/Mathematics & English		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Sr. Technician – Bridge Design. Kelly will assist with the preparation of bridge plans and details.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
05/22 – Ongoing	Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Project Technician. Responsible for preparing survey deliverables, preparation of roadway and bridge plans including plan/profiles, temporary benchmarks, typical sections and details, bridge General Plan & Elevation, bridge foundation layout, construction sequencing and signing, quantity calculation and summary of estimated quantities for four (4) bridge RC Slab Span sites throughout Tangipahoa Parish on E. Lewiston Rd., Easley Rd. and Old Genessee Rd. (2) sites.				
01/19 – 11/19 (previous employer)	SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Technician. Assisted with the preparation of roadway plans including typical sections, cross sections, detail sheets, summary of estimated quantities, quantity summary sheets, title sheet and performing advanced plan checks including Right of Way maps for the new 5.5-mile, four-lane rural roadway from LA 435 to Bush.				
11/19 – 09/20 (previous employer)	SP No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Project Technician. Assisted with the preparation of roadway plans including utility relocation plans, detail sheets, summary of estimated quantities, quantity summary sheets, calculating roadway quantities, performing advanced plan checks of roadway plans vs. bridge plans, assisted with preparing cost estimates.				
01/22 – 03/22 (previous employer)	SP No. H.014238, LA 818: Barnet Springs & Creek Bridges, Lincoln Parish (LADOTD) - Project Technician. Assisted with the preparation of roadway and bridge plans including typical sections, plan/profiles, detail sheets, summary of estimated quantities, title sheet for the replacement of two (2) on-system bridges in Lincoln Parish.				
12/21 – 03/22 (previous employer)	SP No. H.014218, LA 2A: Thorny Branch & Indian Creek BRs, Webster Parish (LADOTD) - Project Technician. Assisted with the preparation of roadway plans including typical sections, plan/profiles, detail sheets, summary of estimated quantities, title sheet for the replacement of two (2) on-system bridge replacements in Webster Parish.				

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Ralph Burgess, PLS		Years of relevant experience with this employer	11
Title	Principal Land Surveyor		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 2004 / Industrial Design & Supervision, Southeastern LA University	
Active registration number / state / expiration date			5040 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Burgess serve 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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.			
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.
03/14-06/14	H.008369 Cleo Road Roundabout, St. Tammany Parish, LA: Mr. Burgess served as the project manager for the project. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13-07/13	H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA: Survey Manager for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	H.011088.5 West Prien Lake, Lake Charles, LA: Mr. Burgess served as the Survey Manager for this project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	H.010620 I-49 Design Build: Mr. Burgess managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced ROW maps for the project. Mr. Burgess's duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Chris Ballard, PLS		Years of relevant experience with this employer	6
Title	Survey Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University	
Active registration number / state / expiration date			5033 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Ballard serve as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/01/18-01/20	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> 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	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> 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	<u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u> 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	<u>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</u> 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	<u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic 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	<u>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</u> Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning .
10/15 - 12/18	<u>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	<u>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</u> 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	<u>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</u> 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	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning .

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Philip Dupree		Years of relevant experience with this employer	10
Title	Survey Party Chief		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/20 – 04/21	<u>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:</u> r. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-02/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.			
10/15-12/2018	<u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u> Mr. Dupree served as Field coordinator on this project. He resurveyed the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.			
01/16-08/2016	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.			
10/16-11/2016	<u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building			

	information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.
07/14/10/2015	<u>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</u> Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	<u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u> Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	<u>H.011088.5 West Prien Lake, Lake Charles, LA:</u> Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	<u>H.010620 I-49 Design Build:</u> Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Trent Norris		Years of experience with this firm/employer	8
Title	Senior Technician		Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Norris serves as the firm’s 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.			
01/18 – 01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17 – 12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
04/17 – 07/17	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
08/16 – 01/18	<u>H.011235 I-49 Verot School Road, Lafayette, LA:</u> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/16 – 10/16	<u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/15 – 12/18	<u>H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:</u> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
01/16 – 07/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			

An aerial photograph of a roundabout. The central island is landscaped with low-lying green plants and a bronze statue on a pedestal. The roundabout has multiple lanes with white and yellow painted markings. A white car is visible on the left side of the roundabout. The surrounding area includes grass, trees, and a sidewalk.

Section 17

CONTRACT NO. 4400024832
IDIQ Contracts for Roadway Design Services
District 03

17. Firm Experience:

Firm name	Neel-Schaffer, Inc.		Past Performance Evaluation Category(ies)*		Road, Traffic	
Project name	LA 1026 (Juban Rd) Widening (I-12 to US 190)			Firm responsibility (prime or sub?)		Prime
Project number	H.004634	Owner's name	Livingston Parish / DOTD			
Project location	Livingston Parish, LA		Owner's Project Manager		Peggy Paine, P.E.	
Owner's address, phone, email		P.O. Box 94245, Baton Rouge, LA 70804; (225) 379-1065; peggy.paine@la.gov				
Services commenced by this firm (mm/yy)		08/12	Total consultant contract cost (\$1,000's)			\$877
Services completed by this firm (mm/yy)		03/19	Cost of consultant services provided by this firm (\$1,000's)			\$877

Neel-Schaffer, Inc. (NSI) was selected as prime consultant to complete the **preliminary and final roadway plans, hydraulic analysis and design, construction cost estimates, and construction support**. The project will widen existing LA 1026 (Juban Road) from an existing two-lane road with side ditches to a four-lane Blvd with storm sewer drainage, roadside ditches and a combination of both along select segments of the roadway. The proposed improvements include major cross drain extensions and 10-foot side paths on both sides of the roadway corridor. The intersection of La 1026 (Juban Road)/US 190 (Florida Blvd) will be improved with a roundabout in this project. This project will commence at the intersection of LA 1026 (Juban Road) and the I-12 north interchange ramps and continue to the intersection of LA 1026 (Juban Road) and US 190 (Florida Blvd) and end approximately 2,000 feet east and west along US 190 (Florida Blvd) from the intersection of LA 1026 (Juban Road). The various Tasks performed under this Stage 3 Design Contract are as follows:

Project Relevance - Designed using the DOTD guidelines and software; includes similar design SOW (roundabouts, roadway widening, roadway realignment and reconstruction); completed for DOTD

Part I: Surveying Services

Part II: R/W Acquisition and Utility Relocation

Part III: Preliminary Plans

Part IV: Final Plans

Part VI: Inspection Services

Part VII: Construction Proposal

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



17. Firm Experience:

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

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

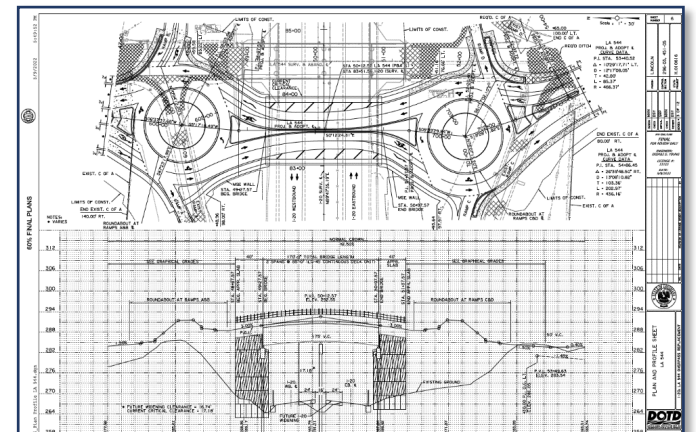
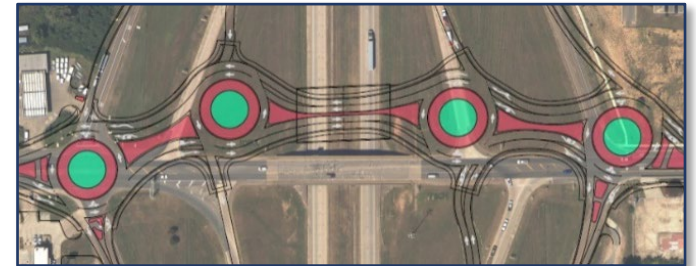
Challenges:

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 similar design SOW (roundabouts, roadway widening, roadway realignment, bridge design and reconstruction) and completed for DOTD

17. Firm Experience:

Firm name	Neel-Schaffer, Inc.			Past Performance Evaluation Category(ies)*		Road/Traffic	
Project name	I-49 South @ Verot School Road				Firm responsibility (prime or sub?)		Sub
Project number	H.011235.5		Owner's name	LADOTD			
Project location	Lafayette Parish			Owner's Project Manager		Corey Landry, PE	
Owner's address, phone, email		1202 Capitol Access Road, Baton Rouge, LA - 70802, Phone: 225-379-1889, Email: corey.landry@la.gov					
Services commenced by this firm (mm/yy)			07/16	Total consultant contract cost (\$1,000's)			\$724
Services completed by this firm (mm/yy)			Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$724

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

Neel-Schaffer, Inc. is providing the **design services for the proposed interstate, frontage roadways, and associated drainage**. NSI is also providing **traffic study, VISSIM animation, safety study, traffic signal design services and the Transportation Management Plan** for the entire project. This project is currently in the preliminary design phase with plans to continue to final design in the immediate future.



Challenges:

1. Fitting a six-lane interstate, two three-lane frontage roads, and a two-lane service road within the existing US 90 right-of-way with adjacent existing railroad.
2. Due to restricted ROW and existing developments a separate clear zone could not be provided for the frontage road and mainline.

Solutions:

1. The vertical alignment for each roadway (Mainline, NB Frontage Road, SB Frontage Road, Service Roads) and their associated drainage swales were designed with consideration on how each separate alignment impacts the other roadways and the project footprint. An allowable range (high elevation and low elevation) was identified for each alignment. This range varied along the project length based on the existing conditions and geometric requirements for the proposed corridor. An iterative approach was used to create each vertical alignment so that it met the design guidelines while remaining in the allowable elevation ranges.
2. NSI completed a Safety analysis using FHWA IHSDM Software to show the predicted number of crashes would decrease if outside barrier were replaced with a shared clear zone between the frontage roadway and mainline, **saving \$4.5M in barrier cost, reducing the required ROW, and Increasing safety**. This study evaluated the proposed horizontal geometry with and without the barrier.

Key Personnel: Vijay Kunada, Nick Ferlito, Chance Shuckrow, and Charles Adams

17. Firm Experience:

Firm name	Neel-Schaffer, Inc.		Past Performance Evaluation Category(ies)*	Road, Traffic	
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@stp.gov.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

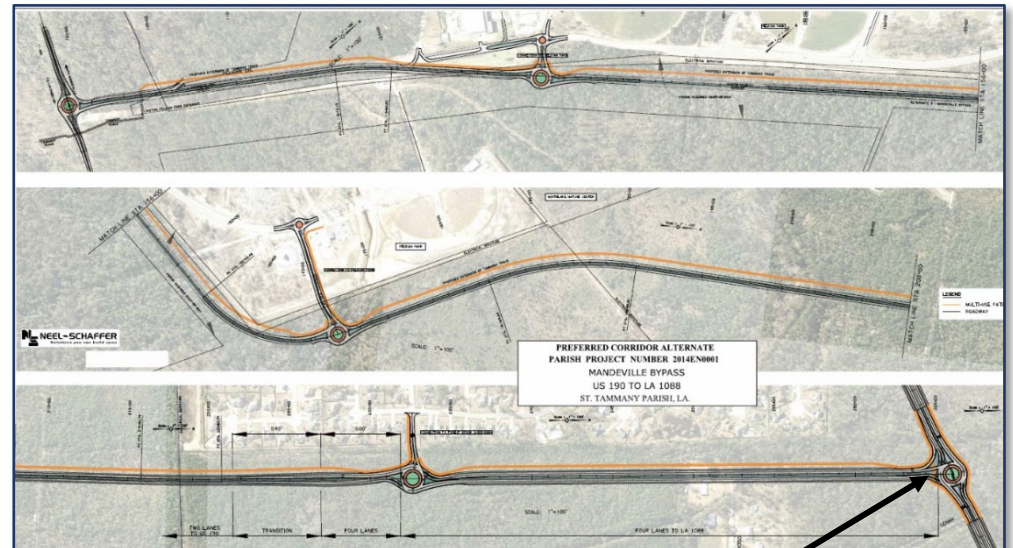
The Mandeville Bypass will provide a new 3-mile median section roadway with integral bike bath connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish.

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**. The project includes roundabout intersections at connecting state routes as well as a pedestrian and bicycle path integral with the route design. Neel-Schaffer is also leading the **environmental planning** for the project as well as **permitting** as may be required.

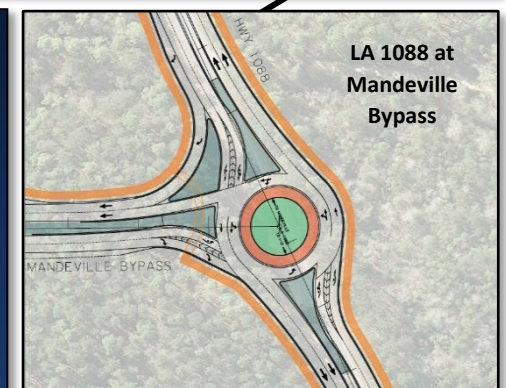
Challenge: Pipeline conflicts

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: Jerry Trumps, Dishili Young, Mai Nguyen, Chance Shuckrow, Josh Schexnider & Scott Andrepont, Barry Brupbacher, Vijay Kunada

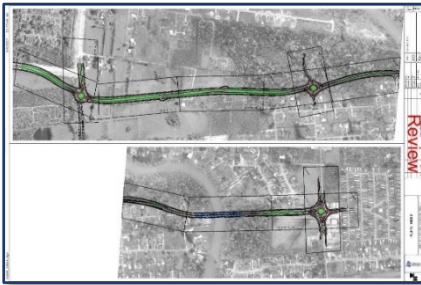


Project Relevance - Designed using the DOTD guidelines and software; includes similar design SOW (roundabouts, roadway widening, roadway realignment and reconstruction); project requires LADOTD review and approval



17. Firm Experience:

Firm name	Neel-Schaffer, Inc.			Past Performance Evaluation Category(ies)*	Road, Bridge	
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



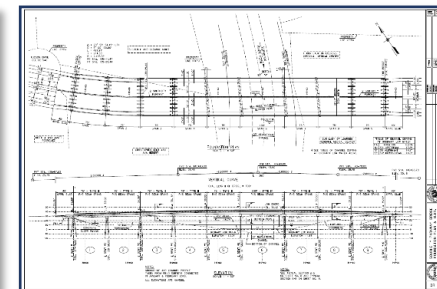
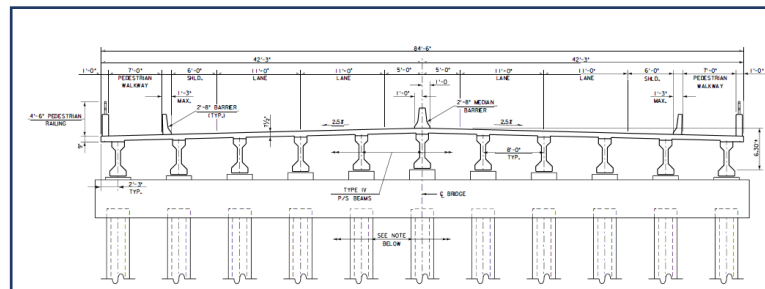
Southcity Parkway will provide a new 1.8-mile, 4-lane median divided roadway connecting US 167 (Johnston Street) with Kaliste Saloom Road, including 3 multilane roundabouts and a new fixed span bridge crossing of the Vermillion River. Neel-Schaffer, Inc. (NSI) is providing design services which include 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 two-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: Key personnel involved: Jerry Trumps, Vijay Kunada, Dishili Young, Mai Nguyen, Chance Shuckrow & Scott Andrepont, Barry Brupbacher, Charles Adams.

Project Relevance - Designed using the DOTD guidelines and software; includes similar design SOW (bridge design, roundabouts, roadway widening, roadway realignment and reconstruction)



Firm name	Crescent Engineering & Mapping, LLC	Past Performance Evaluation Discipline(s)*	Bridge
E. Lewiston Rd. Bridge over Wilson Branch			Firm responsibility (prime or sub?) Prime
Project number		Owner's name	Tangipahoa Parish Government
Project location	Kentwood, LA	Owner's Project Manager	Misty Evans, P.E.
Owner's address, phone, email	206 E. Mulberry St., Amite, LA 70422 985-244-6880 mevans@tangipahoa.org		
Services commenced by this firm (mm/yy)	03/22	Total consultant contract cost (\$1,000's)	\$190
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$131

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

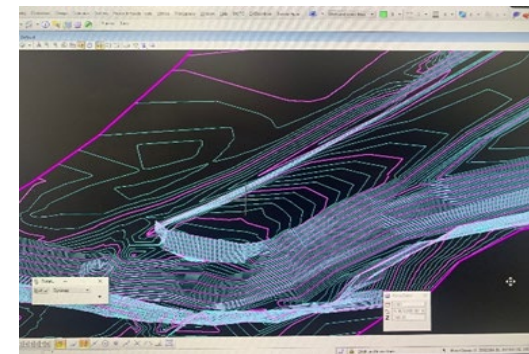
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

The E. Lewiston Rd./Wilson Branch Bridge Replacement project involves the replacement of 4-span structurally deficient timber trestle bridge in Tangipahoa Parish near Kentwood, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analyses and modeling, roadway design, bridge design, utility surveys and roadway/bridge plan production. The project's topographic survey (140' x 1500' DTM) was conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis was performed using HEC-RAS and HEC-HMS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding.

Crescent has completed the topographic surveys, hydraulic reports, and the 90% Preliminary Plans. Project is awaiting the Plan in Hand site visit.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., PE, Abbey Falcon, P.E., James P. Ledet, P.E.



Firm name	Crescent Engineering & Mapping, LLC	Past Performance Evaluation Discipline(s)*	Bridge
Old Genessee Rd. Bridges over Creeks (2 Sites)			Firm responsibility (prime or sub?) Prime
Project number		Owner's name	Tangipahoa Parish Government
Project location	Tickfaw, LA	Owner's Project Manager	Misty Evans, P.E.
Owner's address, phone, email	206 E. Mulberry St., Amite, LA 70422 985-244-6880 mevans@tangipahoa.org		
Services commenced by this firm (mm/yy)	03/22	Total consultant contract cost (\$1,000's)	\$296
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$217

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. The Old Genessee Rd./Creeks Bridge Replacement project involves the replacement two (2) structurally deficient timber trestle bridges in Tangipahoa Parish near Tickfaw, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analyses and modeling, roadway design, bridge design, LRFR, utility surveys and roadway/bridge plan production. The project's topographic survey (140' x 3200' DTM) was conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis was performed using GEOHEC-RAS and HEC-HMS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding.

Crescent has completed the topographic surveys, hydraulics reports and the 60% Preliminary plans. The 90% Preliminary Plans are scheduled for submittal in October, 2022.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., PE, Abbey Falcon, P.E., James P. Ledet, P.E.



Firm name	Crescent Engineering & Mapping, LLC		Past Performance Evaluation Discipline(s)*		Bridge	
Rousseau Rd. Bridge Over Tchefuncte River				Firm responsibility (prime or sub?)		Prime
Project number	22-084		Owner's name	St. Tammany Parish Government		
Project location	Covington, LA		Owner's Project Manager		Daniel Hill, P.E.	
Owner's address, phone, email		21454 Koop Drive, Mandeville, LA 70471				
Services commenced by this firm (mm/yy)		07/22	Total consultant contract cost (\$1,000's)			\$220
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$169

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. The Rousseau Road Bridge over Tchefuncte River project involves the replacement of a structurally deficient, 5-span pre-cast concrete bridge founded on timber piles in St. Tammany Parish near Covington, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production. Rousseau Rd. services the only access to the area and an offset alignment with split/phase construction is being utilized.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic & scour analyses, hydraulic HEC-RAS modeling, roadway design, bridge design, LRFR, utility surveys and roadway/bridge plan production. The project's topographic survey is enlarged (200' x 2200' DTM) due to the offset bridge and is being conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis will be performed using GEOHEC-RAS and HEC-HMS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding.

Crescent has completed the topographic surveys, hydraulics analysis and is completing the hydraulics report and the 60% Preliminary Plans. **Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., PE, Abbey Falcon, P.E.,



17. Firm Experience:

Firm name	Civil Design & Construction, Inc.		Past Performance Evaluation Discipline(s)*	Surveying
Project name	I-10 TX State Line East of Coone Gully			Firm responsibility (prime or sub?)
>Project number	H.003184.5	Owner's name	LADOTD / Stanley Ard, PLS	
Project location	Calcasieu Parish, LA		Owner's Project Manager	Stanley Ard, PLS
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA70802/225-379-1232/Stanley.ard@la.gov			
Services commenced by this firm (mm/yy)	10/15	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)		\$443

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

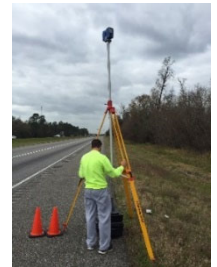
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Project Description: This was a 6-lane widening project on I-10 in Calcasieu Parish. The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

- In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

CD&C's Role: CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns **3D Terrestrial Scanning was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project.** The final submittal of the survey was a combination of the supplied data from LADOTD for the bridges with the current survey that was completed for this project. **Members Involved:** CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS, Survey Manager; Chris Ballard, PLS Survey Project Manager; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician; John Ewing, Survey Technician, Scott Benton, 3D Scanning Technician.

Performed in LA: 100%



17.Firm Experience:

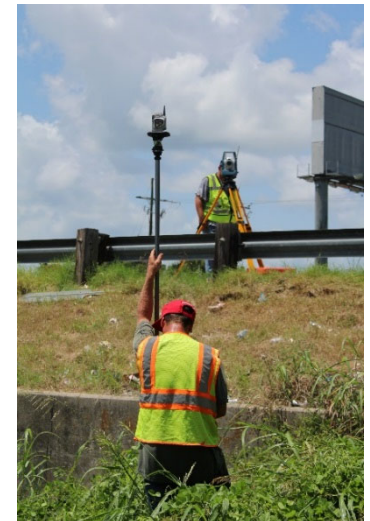
Firm name	Civil Design & Construction, Inc.			Past Performance Evaluation Discipline(s)*		Surveying	
Project name	I-10: LA 415 to Essen Lane on I-10 and I-12				Firm responsibility (prime or sub?)		Sub
Project number	H.004100		Owner's name	LADOTD			
Project location	West and East Baton Rouge, LA			Owner's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

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

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

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

CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. **This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.**



Members Involved: Karla E. Weston, P.E.; Ralph Burgess, PLS; Christopher Ballard, PLS; Phil Dupree, Party Chief; Jacob Stoeher, Party Chief; Trent Norris, 3D scanning technician; John Ewing, Survey Tech; **Performed in LA: 100%**

17. Firm Experience

Firm name	Civil Design & Construction, Inc.			Past Performance Evaluation Discipline(s)*		Surveying	
Project name	Verot School Road				Firm responsibility (prime or sub?)		Sub
Project number	H.011235		Owner's name	LADOTD			
Project location	Lafayette, LA				Owner's Project Manager		Thomas Gattle (Huval & Assoc.
Owner's address, phone, email		922 W. Point Des Mouton Rd., Lafayette, LA 70507/337-234-3798/tgattle@huvalassoc.com					
Services commenced by this firm (mm/yy)			08/16	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)			01/18	Cost of consultant services provided by this firm (\$1,000's)			\$435

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

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

Project Description: This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map.

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

Members Involved: Karla Weston, PE; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Jason Stoehr, Party Chief, Alex Wells, Party Chief **Performed 100% LA**





Section 18

CONTRACT NO. 4400024832
IDIQ Contracts for Roadway Design Services
District 03

18. Approach and Methodology

SOLUTIONS YOU CAN BUILD UPON...

NEEL-SCHAFFER

We are uniquely capable of successfully performing the tasks included in this contract but don't just take our words for it. Instead, we suggest you **consider the opinion of our DOTD PM's**. Our most recent DOTD rating is shown below and our DOTD Consultant Performance Reviews are highlighted throughout this section.

4.6 ROAD DESIGN RATING ON MOST RECENT DOTD PROJECT

Company Highlight: Neel-Schaffer, Inc. (NSI) was founded in 1983 and is a large, multi-disciplined consulting engineering firm of over 500 professional, technical, and support staff. We are uniquely capable of successfully performing the tasks included in this contract. We have been extensively involved in preliminary and final roadway plan development, traffic design, hydraulic analysis and design and construction cost estimating, in Louisiana for over 35 years for the LADOTD and for every major municipality in the State of Louisiana.

APPROACH AND METHODOLOGY

In the sections that follow, we have outlined an all-inclusive approach to completing the project, which is ideal for complex project types. NSI understands that the complexity of task order projects varies. Consequently, we are prepared to offer a more project specific approach which removes select submittal stages, for simple projects. We have experience with utilizing this approach for past DOTD projects. This approach will allow for an expedited project schedule and efficient use of the DOTD reviewer's time.

Project 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 all attendees and obtain/request existing information which may not have been previously provided to the consultant. When properly conducted, this meeting can prevent issues as the project advances.

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

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

If existing sewer discharge pipes connect to the open ditches within the project, this site visit could determine the location and number of tail lines. This is the first step to determining if they are permitted and how they will be addressed under the proposed conditions. NSI has experienced this issue while designing Juban Rd. widening and roundabouts for DOTD. NSI worked with DOTD, DHH and Livingston Parish to determine the best plan of action for the tail lines along this corridor, which had similar existing conditions and a similar proposed design to this advertisement.

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

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 (horizontal alignment based on Louisiana State Plane Coordinate System, (NAD-83-92)). The same survey control will be used for property survey and topographic survey. 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. Electronic text file listing coordinates and descriptions of all found monuments, a PDF copy of all plats, maps and other documents used to determine property line locations and a copy of the title take-offs or title research reports will be provided to Location and Survey. Our base R/W Maps shall follow the latest version of the LADOTD Location and Survey Manual.

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, boring data, 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.

DOTD Performance Review Quote: 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.”

Preliminary Plans: At the conclusion of the topographic survey, a Pre-design conference will be held at DOTD’s District 03 office where the design criteria will be mutually determined. Based on information gathered during the topo survey, NSI and CDC will complete as much as possible of the Pre-Design Planning Conference Form prior to the meeting. The remaining portions of the form for the project shall be completed at this conference and this form will set the design criteria.

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 *LADOTD Roadway Design Procedures and Details*, the LADOTD Engineering Directives and Standards (EDSMs), the *American Association of State Highway and Transportation Officials (AASHTO) Policy on Geometric Design of Highways and Streets*, and *AASHTO Roadside Design Guidelines*. We will provide plans created utilizing CADConform and in compliance with the DOTD CAD standards. Our roadway design will be completed with the use of Power InRoads (SS2) and our construction cost estimates will utilize the DOTD standard bid items and the DOTD’s Bid history estimate tool, with consideration for the project location and magnitude of items.

NSI recognizes that DOTD has plans to move towards OpenRoads. 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 to OpenRoads simultaneously with DOTD.

Our bridge design will follow the AASHTO LRFD Bridge Design Specifications, LADOTD Bridge Design and Evaluation Manual, LADOTD Bridge Design Technical Memoranda and other pertinent design guidance. If there is superelevation near bridge ends, the NSI design team will ensure that both roadway and bridge design teams communicate early and often in the design process to resolve any discrepancies and competing demands of roadway geometry and superelevation to bridge geometrics and constraints, especially in superelevation transitions or runouts. The result of these discussions, the design criteria and early geometric layout will be the Type, Size and Location (TS&L) submittal of the bridge structure, characterized in report format

including any structure alternatives which are feasible and a recommended TS&L. The bridge design team will coordinate with the geotechnical engineers early to have borings taken and logs completed, submitted, and approved prior to the completion of preliminary bridge plans. A copy of the rating report will be completed by the same person who completed the bridge design and include but not limited to (a summary of rating section, plan and profile of bridge, and all rating calculations).

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 the latest addition of FHWA computer program WSPRO, Water Surface Profile (HY-7) to calculate bridge backwater and water surface profiles. and the scour depth will be calculated in conformance with the DOTD Hydraulics Manual and HEC-18. We will pull FEMA flood maps to determine if the project is within the 100yr floodplain or floodway and if required we have the capability of completing a no-rise analysis, like we recently completed for the Lafayette Vermillion River Crossing at South City Parkway.

Should a public meeting be required, NSI will provide DOTD with all public meeting exhibits for the design, create a PowerPoint presentation, handouts, comment forms, secure the venue, and conduct the meeting, like we completed for DOTD’s US 80 Stage 0 Project and US 90 Bridge EA. Typically, select DOTD staff members will also attend, such as the DOTD PM, DOTD real estate (if there are takings), and DOTD environmental. We will also create the advertisement, publish it in the local paper, and provide draft versions of all meeting materials in time for DOTD review. We suggest that the public meetings take place during the 30% preliminary phase prior to drainage design (if applicable). This allows the public to see DOTD approved geometry and prevents rework for the drainage design if a NEPA alternative is realized from public input.

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

DOTD will obtain the environmental clearances and obtain any required permits. NSI will provide all required supporting documents (including but not limited to) permit drawings, such as 404 permits, which typically are letter size and should be produced separately from design plans due to the difference in scale.

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

When a 30% preliminary submittal is desired, it will include the title sheet, typical sections and roadway plan and profile sheets with existing topography shown. *Typical Section:* The typical section sheets will consist of the typical grading and finished sections. They will depict all major geometric features and dimensions such as, but not limited to the following: lane width, shoulder width, curb, pavement cross slopes, clear zone, backslope, foreslope, sidewalk/path, pavement markings, ROW, CL, PGL. *Plan and Profile sheets:* The plan and profile sheets will include annotation of the vertical and horizontal geometry including, but not limited to the following: existing groundline, proposed horizontal and vertical curve data and longitudinal grades. During this stage and after the TS&L comments have been addressed, the General Plan and Elevation (GP&E) and bridge typical sections begin to be developed as well as the bridge index, general notes and Summary of Estimated Quantities will be under development.

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 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.

Conflicts will be avoided, when possible. In the unlikely event that a conflict cannot be avoided, we will provide sanitary drainage design, in accordance with Louisiana Administrative Code Title 70, Transportation (Part II). Potential sewer conflicts will be considered at intersecting side roads, changes in grade, ditches, and storm drains. Sewer service connections will also be considered in design. Sewer force mains will not remain or be located under the roadway pavement. Gravity sewer lines will be evaluated on a case-by-case basis to determine if they can remain in place. Any adjustments or modifications required will be addressed in the plans. Any conflicts with the new storm drain system will be resolved as directed in the Department's Hydraulics Manual. The sanitary sewer requiring relocation, adjustment or encasement will be incorporated into the DOTD's plans and the construction 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.

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

60% Final Plans: We will submit updates of the deliverables included in the 60% preliminary plan submittal in addition to the Summary sheets and Construction notes for review. Property surveys will be required and Right-of-way maps will be prepared so that the joint plan review meeting can be held. If updates are required to the Design Report, they will be submitted at this time.

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 be required for this project, we are able to provide these specifications as part of this submittal.

If applicable, superelevation diagrams will be reviewed again against bridge geometry, bent and deck elevations as well as a review of the Inroads model by the bridge design team to ensure the bridge bent and deck elevations are consistent with the roadway geometry, superelevation and transitions. While it is not anticipated that non-standard specifications will be required for this project, we are able to provide these specifications as part of this submittal. Final Bridge Plans will include the development of plans and details for the substructure and superstructure including bent details, span details, approach slabs, pile loads & tables, joint and bearing details, bridge barrier rails and guardrail.

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.

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

Evaluation Criteria

✓ **Firm Experience on Similar Projects:** We have worked on countless projects which were completed in conformance with DOTD requirements and by the staff included in this proposal.

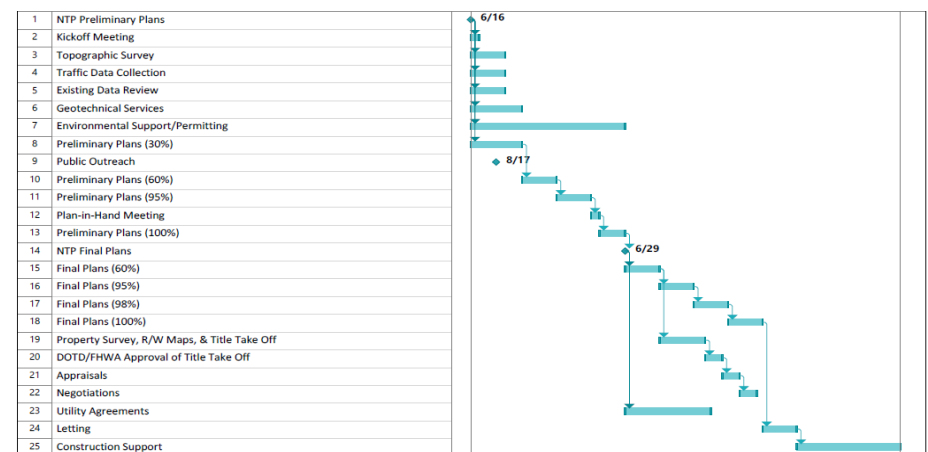
✓ **Staff Experience on Similar Projects:** Our staff are uniquely capable of providing these services and represent an average of **27 years** of experience in providing services which conform to the requirements of DOTD.

- **Mr. Nick Ferlito, PE, PTOE, Principle, has 29 years of successfully managing engineering services for DOTD.**
- **Ms. Dishili Young, PE, PTOE, project manager, has 20 years experience in design and engineering design management of projects for DOTD.**
- **Ms. Mai Nguyen, PE has 14 years of road design experience (7 years working for DOTD Road Design).**
- **Ms. Connie Standige, PE has Ms. Standige has 37 years of diversified engineering experience, including 30 years working for DOTD.**
- **Mr. Frank Standige, PE has over 35 years of highway and bridge construction experience, most of those years as a DOTD construction employee.**

✓ **Firm Size as Related to the Project Magnitude:** We employ **over 40 professionals within the State**, including our **5 Louisiana offices** (Baton Rouge, **Lafayette**, Mandeville, New Orleans and Shreveport). These employees represent staff who we will dedicate to the successful completion of this project. They have maintained meaningful relationships with DOTD over the years. They will complete the detailed tasks associated with the design by utilizing their understanding of the local needs and the technical requirements of the DOTD. In addition, we have over 500 professionals company-wide who can support this core local team as needed.

✓ **Past Performance on Similar DOTD Projects:** NSI has been providing engineering services for DOTD and for every major municipality in the State of Louisiana for over 35 years. Our most recent DOTD road design rating for a project was a 4.6 out of 5.0, which reflects our understanding of DOTD's policies and procedures.

✓ **Current Work Load:** Our staff members are available to immediately begin the completion of services included in this RFP. We have over 40 design staff members in five Louisiana offices who are able to begin working on this project as soon as an NTP is provided.



This IDIQ includes public outreach. The image shown to the right is taken from the US 80 public meeting handout completed by NSI for DOTD. NSI completed traffic, public outreach, layouts and construction cost estimates.

Section 19-23

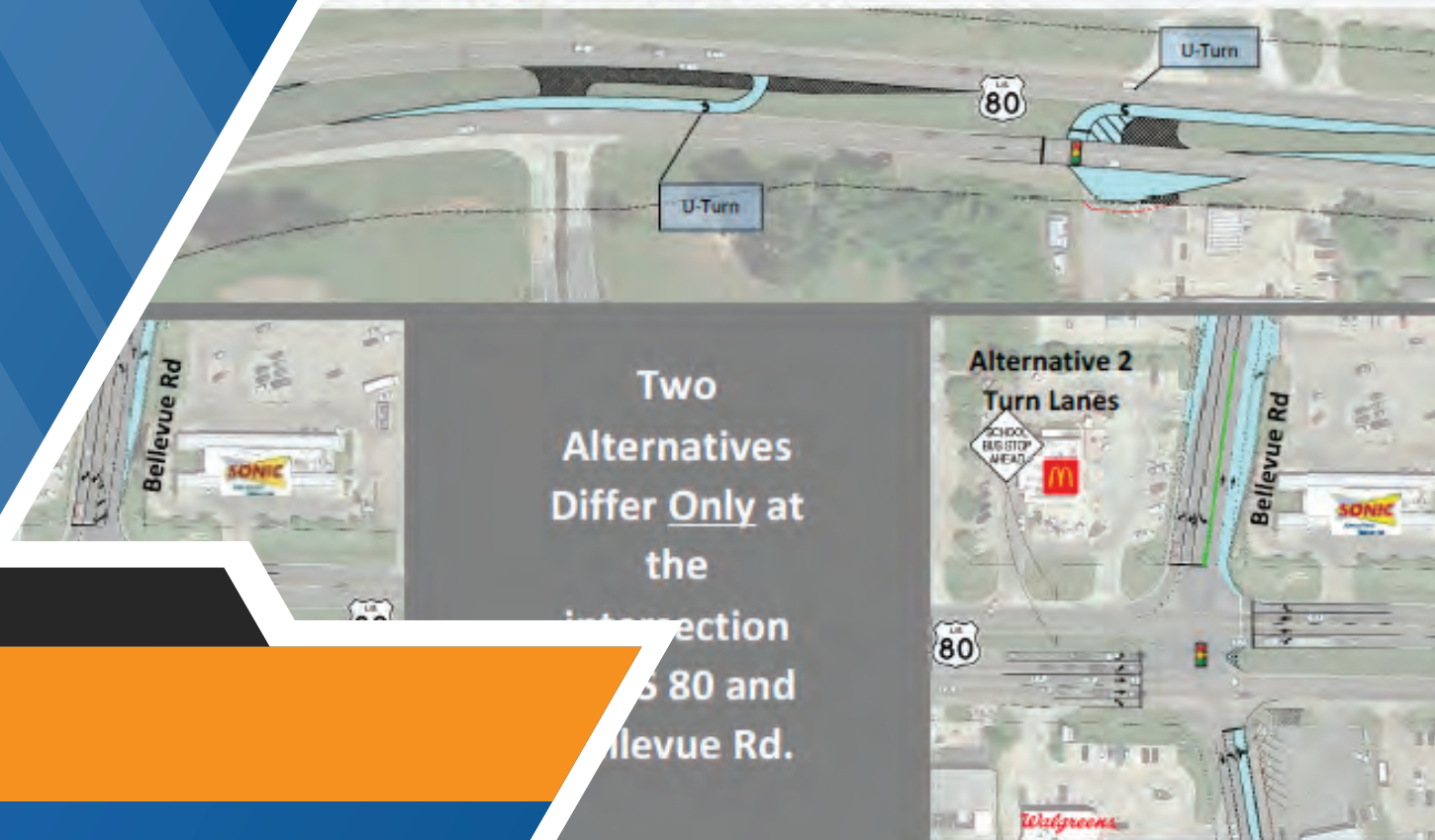
CONTRACT NO. 4400024832
IDIQ Contracts for Roadway Design Services
District 03

Alternatives Developed

Based on the results of the analyses, two alternatives were developed to improve safety and operations at the intersection of US 80 and Bellevue Rd. These two alternatives differ only by the location of the U-turn lanes.

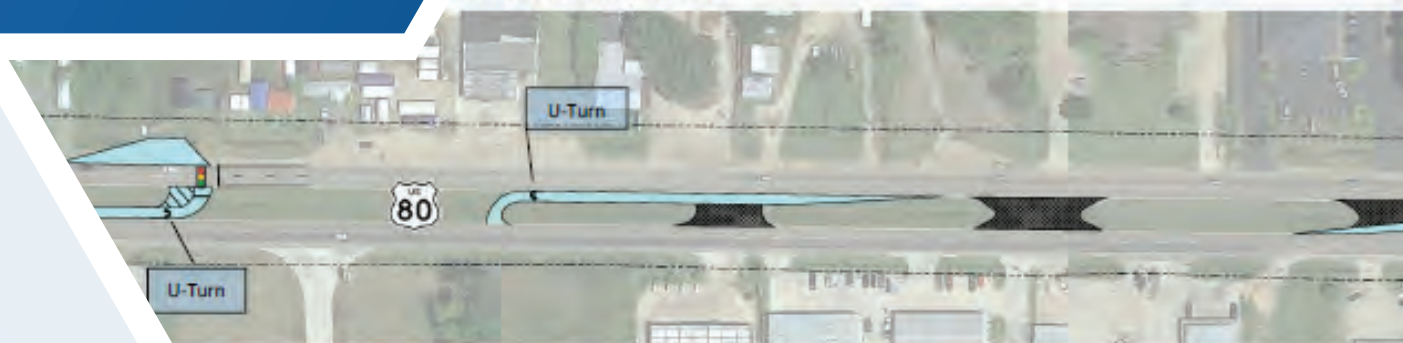
Alternative 1 and Alternative 2 along US 80

(From beginning of the Project to Bellevue Rd.)



Alternative 1 and Alternative 2 along US 80

(From Bellevue Rd. to project end)



Alternative 1 and Alternative 2 adds additional lanes to the side streets at the intersection of US 80 and Bellevue Rd. Both alternatives include savings associated with reductions in vehicle delay, queue and the reduction of

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State Project Number	Project Name	Remaining Unpaid Balance**
Neel-Schaffer	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide (PRIME)	\$80,081
Neel-Schaffer	Environmental	H.000284.2	US 90 Pearl River Bridges, Route US 90, Saint Tammany Parish (PRIME)	\$16,239
Neel-Schaffer	Traffic & Road	H.011235	I-49 South at Verot School Road, Lafayette Parish, (SUB)	\$16,114
Neel-Schaffer	Traffic/Safety	H.014044.1	US 80: Intersection @ Bellevue Road, Route US 80	\$959
Neel-Schaffer	ITS	H.004780.5 EWL No. 6	Kansas Lane Connector	\$28,218
Neel-Schaffer	Traffic	SPN 4400010428 S.A. #2	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	\$2,655
Neel-Schaffer	Traffic	SPN 4400010428 S.A. #3	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	\$3,501
Neel-Schaffer	Traffic	SPN 4400010428 EWL #3	Kansas Lane - Garrett Road Connector and I-20 Improvements (SUB)	\$18,242
Neel-Schaffer	Road	H.100108.1	Safety Projects: Independence SRTS - Phase II	\$6,929
Neel-Schaffer	Road	H.013713.1	Safety Projects: LA 60 Bogalusa H.S. Ped Improvements	\$1,230
Neel-Schaffer	Road	H.009290.5	LSU Lab School SRTS Project	\$50,597
Neel-Schaffer	Planning	H.972374.1	Local Public Agency Documented Planning Process, Statewide	\$91,931
Neel-Schaffer	Road	H.010616	I-20: LA 544 Overpass Replacement	\$135,165
Neel-Schaffer	ITS	H.013256.5	ITS: I-10 ITS Scott to Lake Charles	\$16,710
Neel-Schaffer	ITS	H.014513.1	ITS: Lafayette ITS Architecture Update	\$7,747
Neel-Schaffer	ITS	H.013256.6	ITS: I-10 ITS Scott to Lake Charles Technical Support Services During Construction	\$19,658

Firm(s)	Past Performance Evaluation Discipline(s) *	State Project Number	Project Name	Remaining Unpaid Balance**
Neel-Schaffer	ITS	H.012384.5	ITS Fiber Management System Data Collection	\$105,157
Neel-Schaffer	ITS	H.011504.5	Alexandria ITS Phase 2	\$153,197
Neel-Schaffer	Traffic	H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville and WBR	\$53,368
Neel-Schaffer	Traffic	H.013766.5	Local Road Signs & Striping (Caddo) (SUB)	\$1,109
Neel-Schaffer	Traffic/Safety	H.014579.5	FYA Signal Improvements (LCG)	\$7,682
Neel-Schaffer	Traffic	H.013622.5	LRSP Ardenwood Dr. Road Diet	\$93,473
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-2	LWI Statewide Modeling R5 – Task Order #2	6,722
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	227,031
Crescent Engineering & Mapping, LLC				N/A

20. Certifications/Licenses:

See attached

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



Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: June 11, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 4



Authorized Instructor



Authorized Instructor



Authorized instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Jonathan Duhe

for completing the

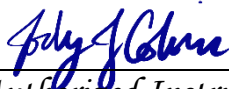
Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018

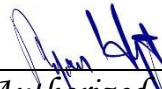
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 2



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Jonathan Duhe

for completing the

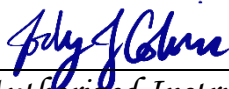
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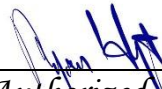
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

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Jonathan Duhe

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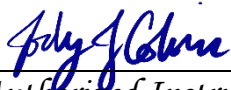
Traffic Engineering Analysis Process & Report Module 3

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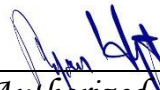
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



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



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



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



Certificate of Completion

presented to

Vijay Kunada

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

*Professional Development
Hours (PDHs) Awarded:* 2.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Vijay Kunada

for completing the

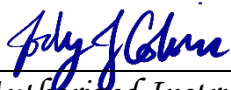
Traffic Engineering Analysis Process & Report Module 2

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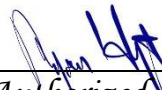
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Vijay Kunada

for completing the

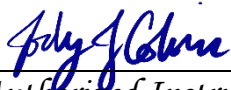
Traffic Engineering Analysis Process & Report Module 3

Date: December 17, 2018

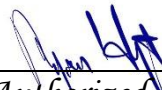
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Jonathan Duhe

for completing the

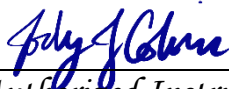
Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018

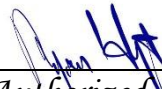
Location: Baton Rouge, Louisiana

Professional Development

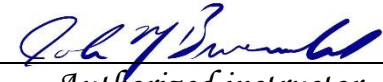
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Jonathan Duhe

for completing the

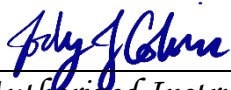
Traffic Engineering Analysis Process & Report Module 3

Date: October 29, 2018

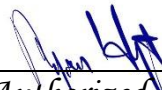
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

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



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



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



Certificate of Completion

presented to

Charles Adams

for completing the

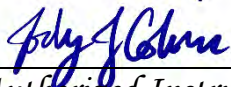
Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018

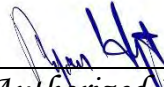
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 2



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018

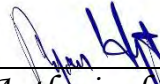
Location: Baton Rouge, Louisiana

Professional Development

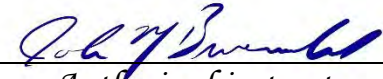
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Charles Adams

for completing the

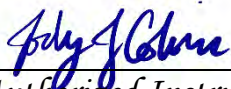
Traffic Engineering Analysis Process & Report Module 3

Date: October 29, 2018

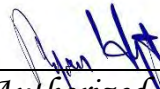
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: October 1, 2018

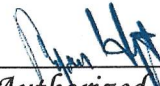
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 2.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

*Professional Development
Hours (PDHs) Awarded: 3.5*



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 15, 2018

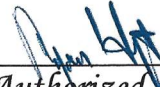
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 10, 2021

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 10, 2021

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 11, 2021

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



21. QA/QC Plan and/or Work Plan:

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (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 70767/3251 Southern Pacific Rd.	Karla E. Weston, PE kweston@cdcbr.com	225-765-1802
Crescent Engineering & Mapping, LLC	P.O. Box 370 Vacherie, LA 70090	Dennis M. Hymel, Jr., P.E. Dennis.hymel@crescentengla.com	225-329-1742

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.