

## STATEMENT OF QUALIFICATIONS

# *Engineering and Related Services*

CONTRACT NO. 4400023943  
IDIQ Contract for Roadway Design Services  
Statewide

### **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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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.

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

|  |   |
|--|---|
| 1. Contract title as shown in the advertisement  | IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES<br>STATEWIDE  |
| 2. Contract number(s) as shown in the advertisement  | CONTRACT NO. 4400023943   |
| 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)  |  <b>NEEL-SCHAFER</b><br><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<br>Suite G360<br>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<br>Suite G360<br>Baton Rouge, LA 70810   |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact  | <b>Dishili Young, PE, PTOE</b><br><i>Senior Project Manager</i><br>225-614-2816<br><a href="mailto:Dishili.young@neel-schaffer.com">Dishili.young@neel-schaffer.com</a> |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal   | <b>Jerry Trumps</b><br><i>Executive Vice President</i>  |

|   |  |
|---|--|
|   | Southwest Region<br>337-232-6111<br><a href="mailto:jerry.trumps@neel-schaffer.com">jerry.trumps@neel-schaffer.com</a>   |
| 10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. | Signature (shall be the same person as #9):<br><br><hr/> Date: June 16, 2022 |
| 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.   | <u>Firm(s):</u> Civil Design & Construction, Inc.<br><u>Firm(s)' %:</u> 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.

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf). (same link as in the advertisement)

| Evaluation Disciplines | Percent of Overall Contract  | Neel-Schaffer | CDC       | MMLH      |
|------------------------|--|---------------|-----------|-----------|
| Road                   | 80%  | 98%           | 0%        | 2%        |
| Traffic                | 15%  | 100%          | 0%        | 0%        |
| Survey                 | 5%   | 0%            | 100%      | 0%        |
|                        | Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant. |               |           |           |
| Percent of Contract    | <b>100%</b>  | <b>93%</b>    | <b>5%</b> | <b>2%</b> |

**13. Firm Size:**

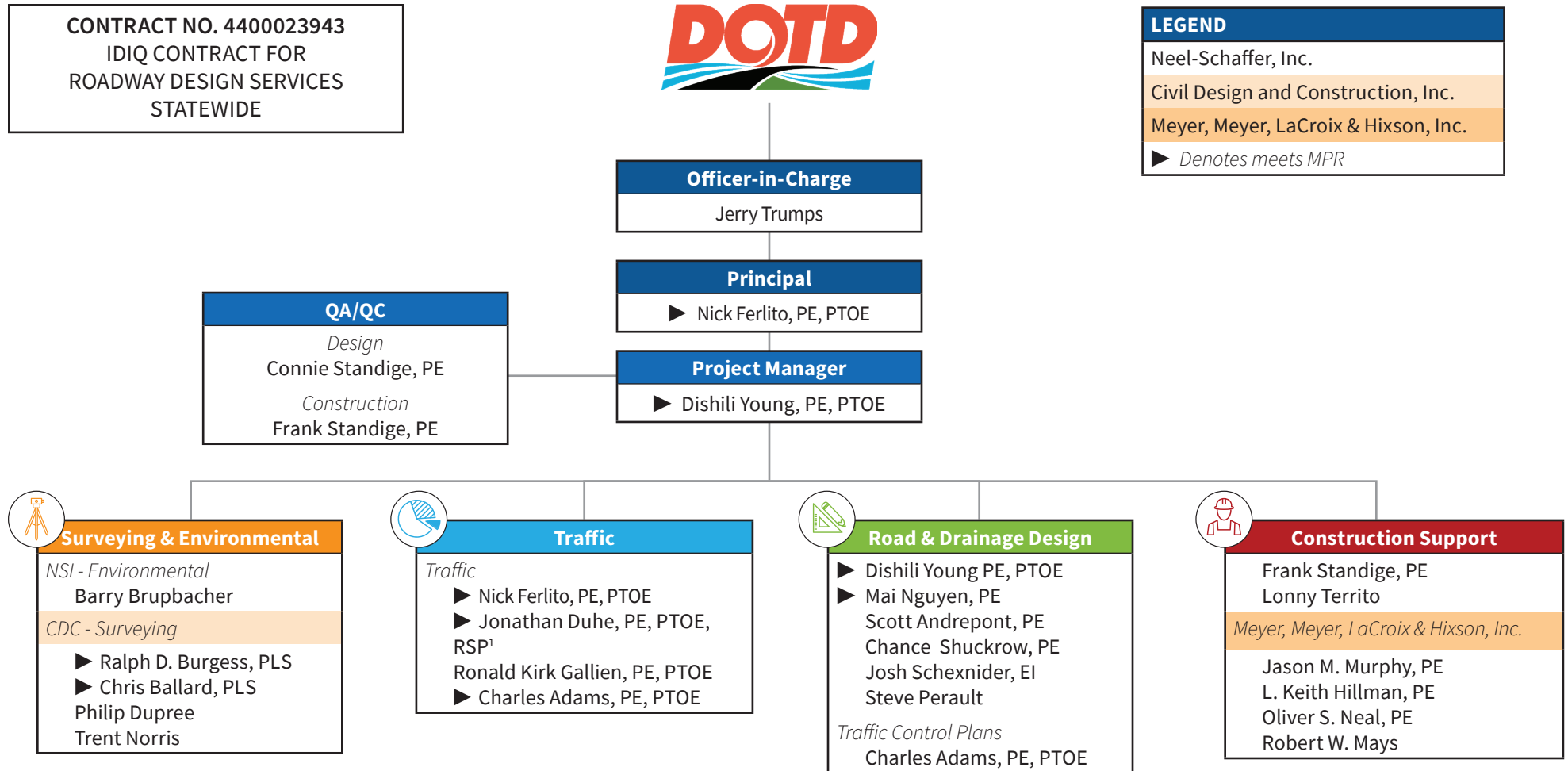
For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included 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](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   |
| Civil Design & Construction, Inc.    | Surveyor                | 2  | 2   |
| Civil Design & Construction, Inc.    | Party Chief             | 3  | 5   |
| Civil Design & Construction, Inc.    | Instrument Man          | 2  | 2   |
| 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   |
| Meyer, Meyer, LaCroix & Hixson, Inc. | Engineer (CE&I)         | 3  | 11  |
| Meyer, Meyer, LaCroix & Hixson, Inc. | Principal               | 1  | 11  |
|                                      |                         |  |   |
|                                      |                         |  |   |
|                                      |                         |  |   |
|                                      |                         |  |   |
|                                      |                         |  |   |



## 14. Organizational Chart



**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.<br>Do not insert<br>wording<br>from ad | Personnel being used<br>to meet the MPR<br>(Individual(s) may not satisfy more than<br>one MPR unless specifically allowed by<br>Attachment B of the advertisement) | Firm employed by                  | Type of license /<br>certification<br>& number | State<br>of<br>license | License /<br>certification<br>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                     | 09/30/2022                                    |
| 3  | Mai Nguyen, PE  | Neel-Schaffer, Inc.               | PE 0038189                                     | LA                     | 03/31/2024                                    |
| 4  | Ralph Burgess, PLS  | Civil Design & Construction, Inc. | PLS# 5040                                      | LA                     | 9/30/2022                                     |
| 4  | Chris Ballard, PLS  | Civil Design & Construction, Inc. | PLS# 5033                                      | LA                     | 9/30/2022                                     |
| 5  | Charles Adams, PE, PTOE   | Neel-Schaffer, Inc.               | PE 002440/PTOE 878                             | LA                     | 09/33/2023                                    |
| 5  | Jonathan Duhe, PE, PTOE   | Neel-Schaffer, Inc.               | PE 0041047/PTOE<br>4418                        | LA                     | 03/31/2023<br>03/18/2024                      |

(Add rows as needed)





## *Section 16*

CONTRACT NO. 4400023943  
IDIQ Contract for Roadway Design Services  
Statewide

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



## 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<br>M.S. / 1996 / Civil Engineering              |    |
| Active registration number / state / expiration date     |   |            | No. 28001 / LA / 09-30-2023<br>Professional Traffic Operations Engineer No. 930 |    |
| Year registered  | 1998  | Discipline | Civil   |    |
| Contract role(s) / brief description of responsibilities |   |            | Traffic Lead ( <b>Meets MPR #'s 1 and 2</b> )                                   |    |
| 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   | <b>I-10 &amp; I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA</b> (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   | <b>College Drive Enhancement Project (Perkins Road to I-10), Baton Rouge, LA</b> 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  | <b>US 80 Feasibility Study, Haughton, LA:</b> 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  | <b>Kansas Lane-Garrett Road Connector and I-20 Improvements, Monroe, LA:</b> (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  | <b>I-49 South at Verot School Road, Lafayette, LA:</b> (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  | <b>District 07 Safety Investment Plan, DOTD District 07 (S.P. No. H.013826.1)</b> 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  | <b>LA 22 Corridor Study, Rou Mar Nei Drive to 1st Street (S.P. No. 44-4064, T.O. No. H.011618.1), Ponchatoula, LA</b> 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  |            |   |    |

## 16. Staff Experience

|               |   |
|---------------|---|
|               | performed at the interchange of I-55 at LA 22 to evaluate various interchange configurations. The corridor analysis included HCS analysis to evaluate RCUT and roundabout corridor concepts.  |
| 02/15 – 4/18  | <b>LA 384 Stage 0, Lake Charles, LA – Traffic &amp; Safety Study (S.P. No. 44-4909, T.O. H.011242.1)</b> Project Manager for traffic and safety study for LA 384 (Country Club Road) from Big Lake Road to McNeese Street.  |
| 02/16 – 10/17 | <b>LA 6 Feasibility Study, Natchitoches, LA – Stage 0/Traffic &amp; Safety Study (S.P. 44-4402, T.O. No. H.012307.1)</b> 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 | <b>LA 385 Feasibility Study, Lake Charles, LA – Stage 0/Traffic &amp; Safety Study (S.P. No. 44-4402, T.O. No. H.012685.1)</b> 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 | <b>LA 30 Stage 0, Gonzales, LA – Traffic &amp; Safety Study (S.P. No. 44-1862, T.O. H.010572.1)</b> 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   | <b>LA 73 Stage 0, Prairieville, LA – Traffic &amp; Safety Study (S.P. H.011160.1)</b> 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 interchange 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   | <b>Grand Prairie Highway Interchange and Frontage Road, Rayne, LA (H.003763)</b> 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   | <b>Safety Study, LA 49 (Williams Blvd.), Kenner, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.010570)</b> 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 | <b>Operational / Safety Study, LA 1088, Mandeville, LA - (S.P. No. 4400002630, T.O. No. H.010116)</b> 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   | <b>Tarbutton Road at I-20 Interchange Justification Report, Ruston, LA (S.P. No. 700-31-0114)</b> 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   | <b>US 190 (LA 433 to US 11) Interim Capacity / Widening Improvements Stage 0 Feasibility Study, (RPC Project No. LA433)</b> 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   | 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.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).  |   |  |    |
| 1980 - 1992  | <b>Public Works Director, City of Lafayette, LA:</b> Managed Public Works Department (responsible for bridges, roadways, traffic, drainage, transit, public buildings and utilities)  |   |  |    |
| 1992 - 1999  | <b>Jerry Trumps and Associates, Inc.</b> Planning/General Consulting for local governments, including public works & infrastructure   |   |  |    |
| 1999 - Present   | <b>Neel-Schaffer, Inc., currently Executive Vice President/SW Region Manager:</b> Mr. Trumps has served as Office-in-Charge of the following projects:  |   |  |    |
| 07/18 - 12/18  | <b>I-20 at I-220 Interchange Improvement &amp; BAFB DB Proposal, Project No. H.003370:</b> 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  | <b>US 90 (Future I-49) LA 318 Interchange Design Build Project, Project No. H.004932:</b> 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  | <b>Mandeville Bypass, St. Tammany Parish:</b> 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  | <b>LA 1026 (Juban Rd) Widening (I-12 to US 190), Project No. H.004634:</b> 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 | <b>US 90 Pearl River Bridges Environmental Assessment, St. Tammany Parish, LA and Hancock County, MS, State Project NO. H.000284 &amp; NO. H.000286:</b> 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   | <b>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):</b> 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   | <b>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):</b> 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   | <b>St. Martinville Bypass, Route LA 31, St. Martin Parish, LA (State Project No. 700-50-0112) Louisiana Department of Transportation and Development (LADOTD):</b> 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   | <b>Lafayette Parish I-10 Frontage Roads Study (LCG No. 590-07-012/ SPN 736-28-0042/ FAP No. STP-2805(501):</b> 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   | <b>Route LA 3234 Stage 0 Feasibility Study, Tangipahoa Parish, LA (State Project No. H.008915.1):</b> The project will improve east-west connectivity through Hammond by extending LA 3234 from its current terminus at LA 1065 to Hammond Northshore Regional Airport.   |

## 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>i.e.</i> , “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&amp;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</p> <p>ATSSA Traffic Control Supervisor Training Course, Baton Rouge, 2015</p> <p>ATSSA Traffic Control Technician Training Course, Baton Rouge, 2015</p> <p>NHI Course No. 142005 - NEPA Transportation Decision Making , Baton Rouge, 2014</p> <p>FHWA Highway Safety Manual Workshop, Baton Rouge, 2014</p> <p>Roadside Safety Design by the Federal Highway Administration and National Highway Institute, LTRC, 2010</p> <p>Applying Inroads V8.9, LSU Continuing Education , 2010</p> <p>Urban Street Design, University of Wisconsin, Madison,</p> <p>Open Channel Design, University of Wisconsin, Madison,</p> <p>Storm Sewer Design, University of Wisconsin,</p> <p>Comprehensive Culvert Design, University of Wisconsin,</p> <p>Maintaining Asphalt Pavements, University of Wisconsin,</p> <p>Using HEC-RAS to compute water surface profiles for floodplains, bridge and culvert hydraulics, University of Wisconsin,</p> <p>Construction Issues in Louisiana, Lorman Education Services</p> <p>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 – <b>Meets MPR #3</b>                   |   |
| 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 determine 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   | 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<br>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.  |  |   |    |

## **16. Staff Experience**

|                 |   |
|-----------------|---|
| 11/13 - 04/15   | H. 004932: US 90 (Future I-49) LA 318 Project Engineer supporting Interchange DB Project Road profiles, roundabout design, preparation of cost estimates.   |
| 10/2018-05/2019 | LA 182/Stone Ave. Right Turn Lane, Lafayette, LA - Mr. Andrepont lead the construction administration for the turn lane installation, roadway improvements, drainage, and signage.  |
| 10/2017-01/2019 | LA 27 Turn Lane Construction, Cameron Parish, LA - Mr. Andrepont assisted with the construction administration for the turn lane installation, signage and roadway improvements   |
| 01/2012-04/2012 | City of Walker - Bridge Replacement Study, Walker, LA – Mr. Andrepont completed site visits to multiple bridges. He was charged with verifying the condition of bridges, prioritizing the necessary replacement of each bridge in comparison to the others, and estimating cost of replacement  |
| 04/2020-Present | US 90 and FM 481 Improvement, Kinney County, TX: QA/QC of Striping, Singing, and High Friction Surface course plans.  |
| 09/09 – 08/12   | N. University Ave. Widening – Lafayette, LA: Road alignment, preparing scope for utility and topographic survey, roundabout layout and design, and plan preparation. <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   | 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.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).  |            |   |   |
| 08/14 – 03/19  | <b>Juban Road (LA1026) Widening for Livingston Parish Government in Livingston, LA (SPN H.004634.5)</b> 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  | <b>I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA:</b> This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. Mr. Shuckrow is designing the drainage and assisting with the roadway design review.  |            |   |   |
| 11/15 – Present  | <b>Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, Lafayette Consolidated Government (LCG).</b> 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  | <b>LA27–Left Turn Lanes for Cameron LNG Plant in Cameron Parish, LA:</b> 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  | <b>Ham Reid Road at Lake Street Intersection Improvements, Calcasieu Parish, LA:</b> Project includes the final design of a multilane roundabout. Completed the roundabout design, drainage design, and developed plans.  |            |   |   |
| 07/15 – Present  | <b>U.S. 71 Corridor Study in Bossier Parish, LA (SPN 4400002630):</b> Assisted in geometric layout of roadway and development of alternatives.  |            |   |   |
| 08/17 - 03/20  | <b>LA 73 Turn Lanes:</b> 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  | <b>East Mandeville Bypass, St. Tammany Parish LA,</b> 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.  |            |   |   |



## **16. Staff Experience**

|                   |   |
|-------------------|---|
| 03/15 – Present   | <b>St. Martinville Bypass (LA31) Environmental Assessment and Line and Grade Study in St. Martinville, LA (SPN H.004924.5)</b><br>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.  |
| 08/14 – 03/19     | <b>I-49 South at Verot School Road, SP No. H.011235.5</b> 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     | <b>I-20 at 220 Interchange Improvement &amp; BAFB Design-Build Project:</b> 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     | <b>US 90 (Future I-49) LA 318 Interchange Design Build Project:</b> 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 | <b>I-10 I-12 College Dr Design-Build H.013897</b> 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   | <b>IDIQ Contract for Design of Safety Projects (Districts 02, 61 &amp; 62):</b> This project will provide safety improvements for four parishes within three Districts. The tasks included under this project are Stage 0 Feasibility Studies, Planning/Environmental, 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   | 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.e., “designed drainage”, “designed girders”, “designed intersection”, etc.  |                                 |   |    |
| Career History   | Mr. Schexnider joined Neel-Schaffer in 2016. He has experience with providing engineering and CE&I services for projects which include roundabouts, roadways, sidewalks, and drainage improvements. Prior to joining the firm, he spent fourteen years prior working for John Chance Land Surveys, Inc. While at JCLS, he was part of a team, FLI-MAP, which specialized in corridor mapping using LiDAR technology. He has experience with Applanix processing software, as well as, some experience with ArcMap. |                                 |   |    |
| 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"> <li>• Stage 3 (Engineering) design and drafting of complete LA DOTD roadway plans for Engineer review and stamp.</li> <li>• Draft and design on LA DOTD Stage 0 (Feasibility) and Stage 1 (Environmental) projects.</li> <li>• FEMA disaster recovery work.</li> <li>• Extensive knowledge of Inroads, Microstation, Descartes, Storm and Sanitary CAD, Cadconform and ProjectWise software and LA DOTD’s Hydwin design programs.</li> <li>• Perform QA/QC review of roadway plans.</li> <li>• Completing NOI permit applications and Constructability/Biddability forms.</li> <li>• Draft design exceptions, processes plan revisions and change orders.</li> </ul> <p>His project experience at LADOTD includes:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> </ul> |                        |   |    |

## **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   | 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  | <b>I-10 New Orleans Master Plan, Port Access Improvements, RPC Project NOI-10MP, State Project No. H.012837.</b> 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  | <b>LA 21 at Greenbrier/Zinnia</b> , 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   | <b>Abita Springs Roundabout – LA 59 at LA 36</b> , 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  | <b>I-55 Resurfacing Projects</b> , 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  | <b>Brownswitch Road Roundabout</b> , 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  | <b>I-12 widening from I/10/59/12 to Northshore Blvd.</b> , 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  | <b>I-12/LA 1088 Interchange</b> , 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.  |            |   |    |



## **16. Staff Experience**

|                                |   |
|--------------------------------|---|
| 07/10 – 07/12                  | <b>I-12/US 51B Roundabouts</b> , 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.   |
| 07/10 – 09/10                  | <b>LA 3158 Roundabout</b> , 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                  | <b>I-12 to Bush Corridor</b> , 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                  | <b>US 190 Widening</b> , 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<br>07/10 – 07/12 | <b>District Administrator for District 62</b> 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                  | <b>Assistant Maintenance Engineer</b> 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                  | <b>Design Engineer</b> 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                  | <b>Assistant Project Engineer</b> 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                  | <b>Assistant Project Engineer</b> for numerous construction project in DOTD District 04.  |

## 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  | <b>I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA:</b> This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and roundabouts. Mr. Standige is providing constructability review and advice.   |            |   |    |
| 12/20 – 02/21  | <b>Juban Road Widening, Livingston Parish.</b> Providing construction support. Mr. Standige was recently able to solve a drainage issue in the field during construction.   |            |   |    |
| 02/17 – 04/19  | <b>LNG Turn Lanes, LA 27 Permit Project, Cameron Parish – Project Engineer</b> 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  | <b>I-10/Causeway Interchange Phase 1 and 2 (SPN'S 450-12-0100, 450-15-0103)</b> - 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  | <b>Huey P. Long Bridge Widening and Approach Ramps Project in Jefferson Parish (SPN's 006-01-0012, 006-01-0018, 006-01-0021)</b> - 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  | <b>I-10 Widening – Causeway to 17th St. Canal, Jefferson Parish (SPN 450-15-0089)</b> – <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.   |            |   |    |

## 16. Staff Experience

|                             |  |
|-----------------------------|--|
| 06/02 – 03/04               | <b>Clearview Pkwy - Causeway Blvd. (Auxillary Lanes) (SPN 450-15-0098)</b> – <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.  |
| 08/02 - 11/03               | <b>Hickory Ave (Relocated LA 3 154, Dickory Extension) (SPN 826-44-0024)</b> 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               | <b>EB I-10 Exit Ramp at Loyola Dr. (SPN 450-15-0114)</b> 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                 | <b>I-310 Bridge (LA 626 - I-10), St. Charles Parish</b> 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

|  |   |   |  |    |
|--|---|---|--|----|
| <b>Firm employed by</b> 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.   |   |  |    |
| <b>1994 – 2007</b>                                       | <b>DOTD District 05 – District Traffic Operations Engineer</b>  |   |  |    |
|  | <ul style="list-style-type: none"> <li>Performed numerous traffic studies and composed numerous traffic engineering reports regarding traffic control such as traffic signal installations and modifications, signing, pavement markings, and establishing speed limits.</li> <li>Annually investigated and analyzed existing traffic control devices at locations identified as having a high potential for safety improvement and recommended and implemented modifications to improve traffic flow and safety at these locations.</li> <li>Coordinated and supervised upgrading all traffic signals (approximately 275) in District 05 from electromechanical to electronic controller operations.</li> <li>Worked closely with private developers and public entities regarding access to proposed developments to ensure conformance with DOTD standards</li> <li>Completed construction lay-out of pavement markings on numerous highway construction projects, including centerline passing/no passing zone markings on overlay projects.</li> <li>Served as the legal expert in traffic engineering for District 05, and responded to interrogatories and requests for production, gave depositions, and testified in court</li> </ul> <p><b>Projects:</b></p> <ul style="list-style-type: none"> <li>Computerized Traffic Signal System in District 05 (State Project No’s. 015-31-0043 &amp; 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.</li> <li>I-20 Elevated Section Rehabilitation Ouachita Parish (State Project No’s. 451-06-0121 &amp; 451-06-0139) – provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.</li> <li>I-20 Mississippi River Bridge Modifications – provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.</li> </ul> |   |  |    |
| <b>2007 – 2014 and 2018 – 2020</b>                       | <b>DOTD District 05 – Assistant District Administrator of Operations</b>  |   |  |    |



## 16. Staff Experience

|                       |  |
|-----------------------|--|
|                       | <ul style="list-style-type: none"> <li>• Supervised traffic engineering and operations, district-wide roadway maintenance, bridge inspection and maintenance, and roadside development activities in District 05.</li> <li>• Reviewed traffic impact studies and reviewed and approved access connection, utility, and project permits in District 05.</li> <li>• Planned, managed, and directed all emergency response activities in District 05, which included emergency response, repairs, and recovery related to hurricanes, flooding, tornados, and winter weather.</li> </ul>  |
| <b>2014 – 2018</b>    | <b>DOTD Headquarters – Assistant Secretary of Operations</b>   |
| <b>2020 – Present</b> | <ul style="list-style-type: none"> <li>• 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.</li> <li>• Compiled field data and assisted with analysis of data and preparation of a written report to create a District 05 Safety Investment Plan for DOTD District 05, 4400010504, Task Order No. H.014295.1. This included analysis of crash data, determination of crash patterns, determination of appropriate safety countermeasures, benefit/cost analyses, compilation of results and compilation of recommended safety improvements for 32 state and local segments as well as 99 state and local intersections.</li> <li>• Prepared Level 4 Transportation Management Plan for the I-10 and I-12 College Drive Flyover Design Build project, H.013897.6. Preparation of the plan included identifying the scope, goals, and constraints of the project, performing traffic and safety analyses, and assessing detour routes to effectively manage traffic during the project. Assisted with developing plans for stakeholder and public involvement during the project as well as the development of plans for maintenance of traffic, temporary traffic control, and work zone management strategies to be implemented during the project.</li> <li>• For the Garrett Road-Kansas Lane Connector project, H.007300, assisted in preparation of a Level 4 Transportation Management Plan. Assisted with designing temporary traffic control and temporary traffic signal construction and operations required for the project. Reviewed plans and performed QA/QC for temporary and permanent traffic control throughout the entire project limits.</li> </ul> |
| <b>Certifications</b> | <ul style="list-style-type: none"> <li>• Professional Civil Engineer – State of Louisiana</li> <li>• Professional Environmental Engineer – State of Louisiana</li> <li>• Professional Traffic Operations Engineer</li> <li>• <b>Traffic Engineering Process and Report (Modules 1, 2 &amp; 3) – DOTD</b></li> <li>• Safety Inspection of In-Service Bridges – National Highway Institute</li> <li>• National Incident Management System – FEMA</li> <li>• Crash Investigation and Reconstruction – Northwestern University</li> </ul>  |

## 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 – <b>Meets MPR #5</b>        |      |
| 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  | <b>US 71 Corridor Study – Bossier City, LA:</b> 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  | <b>Swan Lake Rd Transportation Master Plan – Bossier City, LA:</b> 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  | <b>I-10 French Branch Bridge-W. Pearl River Bridge – Slidell, LA:</b> I-10 French Branch Bridge at W. Pearl River Bridge temporary traffic control plans. <i>Sr. Project Manager</i>   |            |  |      |
| 12/13 – 07/14  | <b>Tarbutton Road Interchange – Ruston, LA:</b> 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  | <b>I-49 at Verot School Rd – Lafayette, LA:</b> Prepared TTCP and TMP  |            |  |      |
| 08/12 – 03/19  | <b>LA 1026 (Juban Rd) Widening – Livingston Parish, LA:</b> Highway widening project with roundabouts. Prepared TCP  |            |  |      |
| 12/17 – Present  | <b>Southcity Parkway Extension - Lafayette, LA:</b> 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  | <b>LA 33 Roundabout Study – Ruston, LA:</b> 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  | <b>St. Vincent Avenue at 84<sup>th</sup> Street, Signal and Sign Design,</b> Shreveport, LA  |            |  |      |
| 01/19 – 03/20  | <b>LA 3 at Walter O Bigby Carriageway and US 79 at Hamilton Road, Signal and Sign Design,</b> Bossier City, LA   |            |  |      |
| 03/20 – 07/20  | <b>Tower Drive at Bienville Drive, Signal, Signs, and Striping Design,</b> Monroe, LA  |            |  |      |
| 01/20 – 04/20  | <b>Swan Lake Road at Innovation Drive and Swan Lake Road at Modica Lott Road, Signal and Sign Design,</b> Bossier City, LA   |            |  |      |
| 03/19 – 06/19  | <b>Airline Drive at Linton Road, Signal Modifications,</b> Bossier, LA   |            |  |      |
| 06/18 – 11/18  | <b>Kingston Road at Fairburn Avenue, Signal and Sign Design,</b> Bossier City, LA  |            |  |      |
| 09/17 – 06/18  | <b>LA 33 at Celebrity Drive, Signal and Sign Design,</b> Ruston, LA  |            |  |      |
| 08/17 – 12/17  | <b>Airline Drive at Wemple Road, Signal Modifications,</b> Bossier, LA   |            |  |      |

## **16. Staff Experience**

|                |   |
|----------------|---|
| 04/16 – 02/17  | <b>Shed Road at Hickory Ridge and Shed Road at Stockwell Road, Signal and Sign Design</b> , Bossier City, LA  |
| 08/12 – 01/17  | <b>Kings Highway Signal System Upgrade</b> , Shreveport, LA   |
| 03/15 – 02/16  | <b>US 171 at Ardis Taylor, Signal and Sign Design</b> , Shreveport, LA  |
| 08/15 – 10/15  | <b>US 167 at Hudson Avenue, Signal and Sign Design</b> , Jackson, LA  |
| 04/15 – 10/15  | <b>LA 523 at Camp Forbing Drive, Signal and Sign Design</b> , Shreveport, LA  |
| 01/15 – 11/15  | <b>LA 3105 Dist 04 Signal Timing Study</b> , 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 <sup>1</sup>  |            | 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 – <b>Meets MPR #5</b>  |   |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).   |            |  |   |
| 07/21 - present  | <b>FYA Signal Improvement (LCG) (Contract No. 4400013850, T.O. No. H.014579.5) Lafayette, LA: Project Engineer.</b> Oversaw development of signal plans to upgrade 28 intersections to include flashing yellow arrow signal heads as well as backplates.   |            |  |   |
| 09/21 - present  | <b>Harding Blvd at I-110 (CP Proj. No. 20-CP-HC-0016), Baton Rouge, LA: Traffic Engineer.</b> 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  | <b>College Drive Enhancement Project (CP Proj. No. 20-CP-HC-0033), Baton Rouge, LA: Traffic Engineer.</b> 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  | <b>I-10/12 College Drive Flyover Design Build (H.013897.1), Baton Rouge, LA: Traffic Engineer.</b> 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  | <b>District 05 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.014295.1) District 05, LA: Traffic Engineer.</b> 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  | <b>District 07 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013826.1) District 07, LA: Traffic Engineer.</b> 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  | <b>District 08 Safety Investment Plan (Contract No. 4400010504, T.O. No. H.013264.1) District 08, LA: Traffic Engineer.</b> 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  | <b>LA 385 (Ryan St) Feasibility Study (Contract No. 4400004402, T.O. No. H.012685.1) Lake Charles, LA: Traffic Engineer.</b> 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.                                   |            |  |   |



## 16. Staff Experience

|                 |   |
|-----------------|---|
| 02/16 – 10/17   | <b>LA 6 Feasibility Study (Contract No. 4400004402, T.O. No. H.012307.1) Natchitoches, LA:</b> <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.  |
| 02/15 – 12/17   | <b>US 51 Business (I-12 to Coleman) Corridor Study (Contract No. 4400004064, T.O. No. H.011402.1):</b> <i>Traffic Engineer.</i> Assisted with report preparation.   |
| 06/15 – 07/16   | <b>LA 431 at LA 934 Intersection Improvements (H.007855.5), Ascension Parish, LA:</b> 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   | <b>LA 1256 Adaptive Signal System, Cameron Parish, LA:</b> 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 | <b>US 80: Intersection @ Bellevue Rd (S.P. No. 44-10504, T.O. No. H.014044.1), Bossier Parish, LA:</b> <i>Project Engineer.</i> Oversaw Intersection Operational Analyses (HCS), safety analysis, alternative development, and traffic report preparation.  |
| 03/20 – 06/20   | <b>Braud Rd @ Germany Rd Temp. Signal Design, Gonzales, LA:</b> <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   | <b>District 08 Signal Timing Study (S.P.No.44-8851, T.O. No. H. 011960.5), Natchitoches, LA:</b> <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   | <b>US 61 Signal Timing Study (S.P.No.44-8851, T.O. No. H.011186.5), Baton Rouge, LA:</b> <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   | <b>LA 14 Signal Timing Study (S.P.No.44-8851, T.O. No. H.012467.5), Lake Charles, LA:</b> <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 <b>CAT Scan safety tool</b> . Mr. Duhe is a certified Professional Traffic Operations Engineer (PTOE), a <b>Road Safety Professional (RSP1)</b> and has completed LADOTD's <b>Traffic Engineering Process and Report (TEPR)</b> training. |

## 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  | <b>US 90 Pearl River Bridges Environmental Assessment (NO. H.000284 &amp; NO. H.000286), St. Tammany Parish, LA and Hancock County, MS:</b> 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. <b><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></b> Work also includes navigation studies and supporting environmental studies. <i>Project Manager</i>           |            |  |    |
| 11/15 – 12/19  | <b>Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Consolidated Government:</b> 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  | <b>Mandeville Bypass, St. Tammany Parish, LA:</b> 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  | <b>Route LA 3234 Stage 0 Feasibility Study (State Project No. H.008915.1), Tangipahoa Parish, LA:</b> The project will improve east-west connectivity through Hammond by extending LA 3234 from its current terminus at LA 1065 to Hammond Northshore Regional Airport. <i>Project Planner</i> responsible for the development of the Stage 0 Reports   |            |  |    |
| 04/10 – 12/10  | <b>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:</b> Project supports the widening of LA 182 to four lane capacity. The Study / EA included traffic studies, environmental screening and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided. <i>Project Manager</i>   |            |  |    |

## 16. Staff Experience

|                |  |
|----------------|--|
| 05/11 – 02/13  | <b>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:</b> Project supports the widening of LA 182 to four lane capacity. The Study / EA included traffic studies, environmental screening and alternative concepts for widening the 2-mile route. Multiple roundabouts are provided.<br><i>Project Manager</i>   |
| 2000 – 2003    | <b>I-49 South, Lafayette Regional Airport to LA 88 (FHWA-LA-EIS-03-01-D), Lafayette, St. Martin and Iberia Parishes, LA:</b> Project included the development of traffic studies, line and grade studies and an EIS with ROD. The proposed action by the LADOTD involves converting approximately 12 miles of U.S. 90 in the project area to a full “Control of Access” highway meeting current interstate standards. <i>Project Manager</i>   |
| 05/07 – 10/09  | <b>St. Martinville Bypass, Route LA 31 (LADOTD No. 700-50-0112), St. Martin Parish, LA:</b> 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  | <b>Interstate 10 Frontage Road Feasibility Study (LADOTD Project No: 736-28-0042), Lafayette, LA:</b> The project involved a traffic and line & grade study of I-10 for a 10-mile corridor extending from LA 93 to Louisiana Avenue in Lafayette, LA. The primary purpose of the project was to develop viable conceptual alternatives for frontage roads parallel to and/or adjacent to the I-10 corridor within the study area. <i>Project Planner</i> supporting the alternatives development.  |
| 12/14 – 12/19  | <b>Stage 0 Feasibility Studies of Modern Roundabouts (Project No. H04490), Lafayette MPO area:</b> Stage 0 studies supporting potential roundabouts at 23 intersections. Performed QA/QC 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. |

## 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 |  | Mr. Territo will provide services supporting Task 1, the Traffic Sign and Signalization Assessment; and Task 2, Contractor Monitoring |   |   |
| 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  | <b>LA 328 Stage 0, Breaux Bridge, LA – Traffic &amp; Safety Study (S.P. No. 44-4909, T.O. H.011279.1)</b> 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  | <b>Baton Rouge Computerized Signalization, Phases IV and V (Phase IV – 013-05-0043, 742-17-0125 &amp; 258-02-0036, Phase VA – H.001609, Phase VB – H.007160)</b> performed traffic engineering, signal design and construction services in support of the City of Baton Rouge computerized signalization. Phase IV included 21 intersections and Phase VA included 23 intersections. Phase VB which is currently in the design phase includes 24 intersections. Performed traffic counts and traffic controller downloads. |   |   |   |
| 09/14 – 01/18  | <b>District 02 Traffic Signal Inventory Retainer Contract, – LA 39, LA 46 &amp; LA 47 Corridor Improvements (28 intersections) (4400004829, Task Order H.011648.1/5)</b> Performed traffic counts and traffic controller downloads.  |   |   |   |
| 09/14 – 01/18  | <b>District 02 Traffic Signal Inventory Retainer Contract, LA 39, LA 46 &amp; LA 3021 Corridor Improvements (26 intersections), (4400004829, Task Order H.011642.5)</b> Performed traffic counts and traffic controller downloads.   |   |   |   |
| 09/14 – 01/18  | <b>District 02 Traffic Signal Inventory Retainer Contract, I-610, I-10, US 90 &amp; LA 3021 Corridor Improvements (17 intersections) (4400004829 Task Order H.011649.5)</b> Performed traffic counts and traffic controller downloads.   |   |   |   |
| 09/14 – 01/18  | <b>District 02 Traffic Signal Inventory Retainer Contract, US 90, US 61 &amp; LA 611-9 Corridor Improvements (20 intersections) (4400004829 Task Order H.011646.5)</b> Performed traffic counts and traffic controller downloads.  |   |   |   |
| 09/14 – 01/18  | <b>District 02 Traffic Signal Inventory Retainer Contract, US 61 &amp; LA 3154 Corridor Improvements (23 intersections) (4400004829 Task Order H.011514.5)</b> Performed traffic counts and traffic controller downloads.  |   |   |   |
| 08/14 – 08/17  | <b>Retainer Contract for Traffic Signal Engineering, US 80 Traffic Control Signal Upgrades (4400004712)</b> Provided signal design plans and signal timing plans at 20 intersections along US 80 in Shreveport, LA. Performed traffic counts and traffic controller downloads.   |   |   |   |
| 07/14 – 12/14  | <b>Baton Rouge Computerized Signalization Phase VA – H.001609</b> , Phase VA included 23 intersections, performed construction inspection in support of the City of Baton Rouge computerized traffic signal synchronization system. Performed construction inspection as the Resident Project Representative.  |   |   |   |

## **16. Staff Experience**

|               |   |
|---------------|---|
| 12/14 – 05/15 | <b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, (400000691 T.O. H.005750) LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections)</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.   |
| 12/14 – 05/15 | <b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, (400000691 T.O. H.005757) US 11, Slidell, LA (16 intersections)</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.   |
| 12/14 – 05/15 | <b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, (400000691 T.O. H.005759) LA 44, Gonzales, LA (10 intersections)</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.  |
| 12/14 – 05/15 | <b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, (400000691 T.O. H.010699) LA 19, Baker, LA (10 intersections)</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.   |
| 12/14– 05/15  | <b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, (400000691 T.O. H.010700) US 425, Vidalia/Ferriday, LA (11 intersections)</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.   |
| 12/14 – 05/15 | <b>Retainer for Signal Timing Studies Districts 61, 62 &amp; 02, (400000691 T.O. H.009321) LA 3124/LA 60/LA 10/LA 16, Bogalusa, Amite, Franklinton, Kentwood, Amite, LA (32 intersections)</b> Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads. |



## 16. Staff Experience

|  |   |            |   |    |
|--|---|------------|---|----|
| <b>Firm employed by Civil Design &amp; Construction, Inc. (CD&amp;C)</b> |   |            |   |    |
| 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  | <b>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:</b> 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  | <b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> Mr. 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   | <b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> 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  | <b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> 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.  |            |   |    |

## 16. Staff Experience

|              |  |
|--------------|--|
| 10/15-12/18  | <b>H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA:</b> 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  | <b>H.011235 I-49 South at Verot School Road, Lafayette, LA:</b> 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 | <b>H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA:</b> 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  | <b>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</b> 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  | <b>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</b> 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  | <b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> 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  | <b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> 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.  |

## 16. Staff Experience

|  |  |            |   |    |
|--|--|------------|---|----|
| <b>Firm employed by</b> 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   | <b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> 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  | <b>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</b> 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  | <b>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</b> 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.   |            |   |    |

## 16. Staff Experience

|               |  |
|---------------|--|
| 01/17-12/17   | <b>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</b> 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 | <b>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</b> 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, <b>3D Terrestrial Scanning</b> 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  | <b>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</b> 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 <b>3D Terrestrial Scanning</b> .  |
| 10/15 - 12/18 | <b>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</b> 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 | <b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> 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 <b>processing</b> of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized <b>3D Terrestrial Scanning</b> for the main route.  |
| 10/15 - 01/16 | <b>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</b> 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 | <b>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</b> 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 | <b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> 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 <b>3D terrestrial scanning</b> .   |

## 16. Staff Experience

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|--|--|---|---|----|
| <b>Firm employed by</b> 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<br>Nationwide; ATSSA Certified as Registered Flagger<br>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  | <b><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></b> Mr. 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  | <b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> 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  | <b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> 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  | <b><u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u></b> Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.   |   |   |    |
| 01/16-08/2016  | <b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> 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  | <b><u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u></b> 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 |   |   |    |



## **16. Staff Experience**

|               |   |
|---------------|---|
|               | 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 | <b>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</b> 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   | <b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> 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   | <b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> 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   | <b>H.010620 I-49 Design Build:</b> 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

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|--|---|---|--|
| <b>Firm employed by</b> Civil Design & Construction, Inc. (CD&C) |   |   |  |
| Name   | Trent Norris  |   | Years of experience with this firm/employer        |
| Title  | Senior Technician   |   | Years of experience with other firm(s)/employer(s) |
| Degree(s) / Years / Specialization                               |   |   |  |
| Active registration number / state / expiration date             |   | NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963<br>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  | <b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> 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  | <b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> 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  | <b>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</b> 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  | <b>H.011235 I-49 Verot School Road, Lafayette, LA:</b> 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  | <b>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</b> 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  | <b>H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:</b> 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  | <b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.  |   |  |

## 16. Staff Experience

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|--|---|--|---|----|
| <b>Firm employed by Meyer, Meyer, LaCroix &amp; Hixson, Inc.</b> |   |  |   |    |
| Name   | L. Keith Hillman, P.E.  |  | Years of relevant experience with this employer     | 20 |
| Title  | Principal   |  | Years of relevant experience with other employer(s) | 20 |
| Degree(s) / Years / Specialization                               |   | BS / 1980 / Civil Engineering; MS / 1982 / Civil Engineering |   |    |
| Active registration number / state / expiration date             |   | 22011/ LA / 03/31/24   |   |    |
| Year registered  | 1985  | Discipline   | Civil Engineer                                      |    |
| Contract role(s) / brief description of responsibilities         |   | Principal and QA/QC  |   |    |
| 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).  |  |   |    |
| 04/17 – 07/19  | S.P. H.009299 City of Alexandria Sidewalk Enhancement: Principal and QA/QC. Designed and performed construction administration for sidewalks, handicap ramps, crosswalks, signage and related work associated with four schools in Alexandria. Services included preparation of preliminary and final plans, construction engineer and inspection, contractor payments and final closeout of project.                                       |  |   |    |
| 09/13 – 05/18  | S.P. H.008265 Sugarhouse Rd. Reconstruction, Packages 1-3, City of Alexandria, LA – Senior Project Manager. Project involved curb and gutter concrete roadway, subsurface drainage and multiple barrel RCBCs with a concrete lined channel for drainage. This was a multiple packaged project (\$7.4 million).  |  |   |    |
| 04/12 – 12/18  | S.P. H.004823 Third Street Enhancements, St. James to Broadway, Alexandria: Project Manager. The project consisted of reconfiguring the roadway section to make it safer and more appealing. Items included road reconstruction, concrete and asphalt patches, asphalt overlay, stamped colored asphalt, walks, street and path lighting, bioswales, transit shelters, drainage improvements, and removal/relocation of overhead utilities. |  |   |    |
| 1/11 – 12/19   | S.P. H.009825 Masonic Drive Corridor Enhancement, Phase III, Alexandria: Project manager. The project consisted of walks, drives, path lighting, six transit shelters, benches and signalized pedestrian crosswalk. Provided full design and construction engineering and inspection services.  |  |   |    |
| 8/19 – 7/20  | S.P. H.012797 McMillan Road/Blanchard St. Improvements. Principal and QA/QC Performed construction engineering and inspection services for roadway striping and sidewalk project under Retainer Contract 4400005893. Project included mountable curbs, channelization islands, striping, handicap curb ramps, sidewalks and related work.   |  |   |    |
| 09/12 – 12/19  | 4400001355 DOTD Retainer Contract for SRTS & LSRP Projects, statewide: Project Manager. The project included 9 Task Orders consisting of design and CE&I services. Task orders have all been completed.   |  |   |    |
| 2016 - 2022  | 4400005893 DOTD Retainer Contract for SRTS and LRSP projects statewide. Provided design and CE&I services and managed several Task Orders.  |  |   |    |
|  | DOTD certifications/professional training:<br>2008- Pavement Preservation: Applied Asset Management   |  |   |    |

## **16. Staff Experience**

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|  | <p>2008– NCPP Chip Seal Best Practices<br/>2010– Roundabout Design<br/>2011 ADA/Section 504 Compliance<br/>2012– LPA Core Training<br/>2013– LPA CE&amp;I Module<br/>2011– Designing with Reinforced Overlays<br/>2014– Flagger Certification<br/>2014– TCT and TCS Certification<br/>2019 – Performance Based Design Evolution at LaDOTD<br/>2019 – Exceptions to Design Policy<br/>2020 – Traffic Engineering Policies and Procedures<br/>2020- Partnering Between DOTD and the Consultant Community</p> |
|--|--|

## 16. Staff Experience

|  |   |            |   |    |
|--|---|------------|---|----|
| <b>Firm employed by Meyer, Meyer, LaCroix &amp; Hixson, Inc.</b> |   |            |   |    |
| Name   | Jason M. Murphy, P.E.   |            | Years of relevant experience with this employer     | 18 |
| Title  | CE&I Engineer   |            | Years of relevant experience with other employer(s) | 7  |
| Degree(s) / Years / Specialization                               |   |            | BS / 1997 / Civil Engineering                       |    |
| Active registration number / state / expiration date             |   |            | 31853/ LA / 09/30/22                                |    |
| Year registered  | 2005  | Discipline | Civil Engineer                                      |    |
| Contract role(s) / brief description of responsibilities         |   |            | CE& I 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).  |            |   |    |
| 04/17 – 07/19  | S.P. H.009299 City of Alexandria Sidewalk Enhancement: Project Engineer. Designed and performed construction administration for sidewalks, handicap ramps, crosswalks, signage and related work associated with four schools in Alexandria. Duties include preparation of preliminary and final plans, construction engineer and inspection, contractor payments and final closeout of project.   |            |   |    |
| 09/13 – 08/17  | S.P. H.006738 Northwest Louisiana Council of Governments – Kids on the Move – Phase III, Shreveport/Bossier City, LA: Design Engineer. Designed sidewalks, handicap ramps, crosswalks, signage and related work associated with two schools in Bossier City. Duties included preparation of preliminary and final plans and construction proposal, construction administration, construction oversight, processing contractor payments and final closeout of project. |            |   |    |
| 12/20 – 8/21   | S.P. H.013101 Constitution Dr. Signs and Striping. Performed construction engineering and inspection services for roadway striping and signing project. Project included signing, pavement markings, incidental paving and related work.  |            |   |    |
| 11/19 – 10/21  | S.P. H.009297 Ouachita Parish Police Jury Sidewalks. Performed construction engineering and inspection services for sidewalk project. Project included 2.3 miles of new sidewalks, concrete driveways, signage, drainage structures and related work.   |            |   |    |
| 8/19 – 7/20  | S.P. H.012797 McMillan Road/Blanchard St. Improvements. Performed construction engineering and inspection services for roadway striping and sidewalk project. Project included mountable curbs, channelization islands, striping, handicap curb ramps, sidewalks and related work.  |            |   |    |



## 16. Staff Experience

|  |   |   |   |    |
|--|---|---|---|----|
| <b>Firm employed by Meyer, Meyer, LaCroix &amp; Hixson, Inc.</b> |   |   |   |    |
| Name   | Oliver S. Neal, P.E.  |   | Years of relevant experience with this employer     | 10 |
| Title  | CE&I Engineer   |   | Years of relevant experience with other employer(s) | 0  |
| Degree(s) / Years / Specialization                               |   | BS / 2012 / Civil Engineering                   |   |    |
| Active registration number / state / expiration date             |   | 40945 / LA / 03/31/23      20847/ AR / 12/31/23 |   |    |
| Year registered  | 2017  | Discipline                                      | Civil Engineer                                      |    |
| Contract role(s) / brief description of responsibilities         |   | CE&I 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).  |   |   |    |
| 10/13 – 12/18  | S.P. H.004823 Third Street Enhancements, St. James to Broadway, Alexandria, LA: Designed the reconfiguration of the roadway section to make it safer and more appealing. Items included road reconstruction, asphalt overlay, concrete and asphalt patches, stamped colored asphalt, walks, street and path lighting, bioswales, transit shelter, drainage improvements, and removal/relocation of overhead utilities. Handled day to day construction administration and assisted with project closeout. |   |   |    |
| 04/15 – 11/16  | S.P. H.009278 Bernice Safe Routes to School Project, Bernice, Union Parish, LA: Assisted with design and construction duties for this project which included ADA compliant walks, handicap ramps, striped crosswalks, signing, minor earthwork, drainage structures and driveways.  |   |   |    |
| 08/14 – 10/19  | S.P. H.009825 Masonic Drive Corridor Enhancement, Phase III, Alexandria, LA: Assisted with design for the walks, path lighting, six transit shelters, park benches and signalized pedestrian crosswalk. Handled day to day construction administration duties as well as project closeout.  |   |   |    |
| 04/16 – 09/19  | S.P. H.009825 City of Alexandria Sidewalks, Alexandria, LA: Assisted with design and construction duties for this project which included ADA compliant walks, handicap ramps, striped crosswalks, signing, minor earthwork, drainage structures and driveways.  |   |   |    |
| 03/15 – 04/22  | S.P. H.011770 Farmerville Downtown Sidewalk Improvements, Farmerville, LA: Assisted with design for this project which included ADA compliant walks, handicap ramps, striped crosswalks and path lighting in the downtown area of Farmerville. Handled day to day construction administration duties as well as project closeout.   |   |   |    |

**16. Staff Experience**

|  |  |            |   |    |
|--|--|------------|---|----|
| <b>Firm employed by Meyer, Meyer, LaCroix &amp; Hixson, Inc.</b> |  |            |   |    |
| Name   | Robert W. Mays   |            | Years of relevant experience with this employer     | 3  |
| Title  | CE&I Engineer  |            | Years of relevant experience with other employer(s) | 35 |
| Degree(s) / Years / Specialization                               |  |            | BS / 1981 / Civil Engineering                       |    |
| Active registration number / state / expiration date             |  |            | 22142/ LA / 09/30/23                                |    |
| Year registered  | 1986   | Discipline | Civil Engineer                                      |    |
| Contract role(s) / brief description of responsibilities         |  |            | CE&I 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).   |            |   |    |
| 01/82 – 02/12  | Mr. Mays worked for LaDOTD, District 08 for 30 years before retiring. He served as Project Engineer, District Materials Laboratory Engineer, District Construction Engineer, District Area Engineer and Assistant District Administrator of Engineering.   |            |   |    |
| 01/22 - Present  | S.P. H.014167 North 16th Street Bridge Replacement for the City of Alexandria. Performed CE&I services of all items to remove existing bridge and replace with a 12 span new, concrete bridge.   |            |   |    |
| 11/19 – 10/21  | S.P. H.009297 Sidewalks for Three Schools in Ouachita Parish, Ouachita Parish Police Jury. Performed CE&I services. This project was designed to remove and replace sidewalks and drives to meet current ADA Standards along three school locations. This project also included signage and pavement markings, as necessary. |            |   |    |
| 11/19 – 10/20  | S.P. H.012797McMillan Rd/Blanchard Street Improvements for the City of West Monroe. Performed CE&I services for the construction of curbs and incidental paving for traffic islands, sidewalks, signage, and pavement markings.  |            |   |    |
| 12/20 – 07/21  | S.P. H.013101 Constitution Dr. Signing and Striping for the City of West Monroe. Mr. Mays performed CE&I services on this project which consisted of removing existing signs and pavement markings and replacing them with up-to-date signage and markings along with installing a concrete traffic island.                  |            |   |    |



An aerial photograph of a roundabout. The central island is landscaped with low-lying plants and a small statue on a pedestal. The roundabout has multiple lanes and is surrounded by trees and grass. A white car is visible on the left side of the roundabout.

## Section 17

CONTRACT NO. 4400023943  
IDIQ Contract for Roadway Design Services  
Statewide



## 17. Firm Experience

|   |  |   |              |   |                                     |                       |       |
|---|--|---|--------------|---|-------------------------------------|-----------------------|-------|
| Firm name                               | Neel-Schaffer, Inc.                          |   |              | Past Performance Evaluation Category(ies)*                    |                                     | Road, Traffic, Survey |       |
| 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 4-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:

Part I: Surveying Services

Part II: R/W Acquisition and Utility Relocation

Part III: Preliminary Plans

Part IV: Final Plans

Part VI: Inspection Services

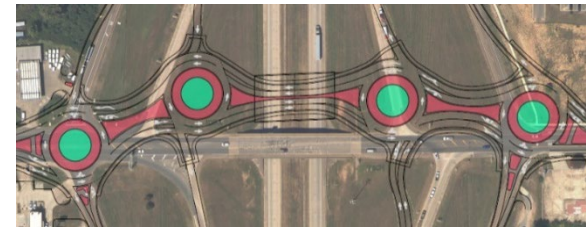
Part VII: Construction Proposal

NSI personnel involved in the project include Jerry Trumps (Principal), Dishili Young (Project Manager/Lead Designer for Final Design), Chance Shuckrow (Design Engineer), Scott Andrepont (Design Engineer), and Mai Nguyen (Design Engineer), Charles Adams (Traffic Control Plans).

## 17. Firm Experience

|   |                                   |   |              |   |                         |                                     |                      |       |
|---|-----------------------------------|---|--------------|---|-------------------------|-------------------------------------|----------------------|-------|
| Firm name                               | Neel-Schaffer, Inc.               |   |              | Past Performance Evaluation Category(ies)*                    |                         | Road, Traffic, Survey               |                      |       |
| 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)                    |                         |                                     |                      | \$858 |
| Services completed by this firm (mm/yy) |                                   |   | Ongoing      | Cost of consultant services provided by this firm (\$1,000's) |                         |                                     |                      | \$858 |

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 2 to 4 lanes), sidewalks and four multilane roundabouts. The 4 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.

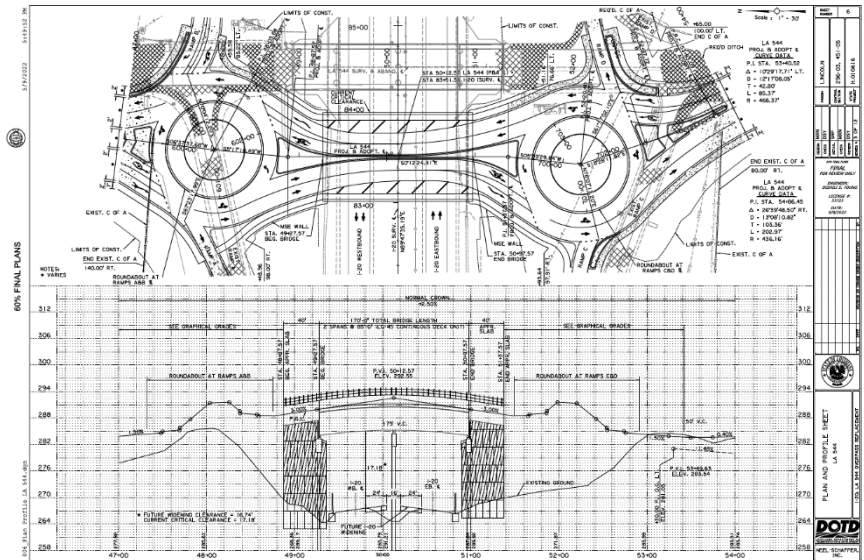


### Challenges:

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 provided desirable bridge phasing while minimizing impacts. NSI and DOTD are working as one team to successfully complete the project.



Key personnel involved: Jerry Trumps (Principal), Dishili Young (Project Manager), Mai Nguyen (Design Engineer), Chance Shuckrow (Design Engineer), Scott Andrepont (Design Engineer), Josh Schexnider (Design), and Frank Standige (Constructability).



## 17. Firm Experience

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

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



### Tasks completed for this project include:

#### Topo Survey

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

**Traffic Control Design** - completed following LADOTD guidelines

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

**Construction Support** – Responded to RFI's

NSI Personnel: Jerry Trumps, Nick Ferlito, Ellen Howard, Dishili Young, Mai Nguyen, Chance Shuckrow, Steve Perault



#### **Project Challenge Solved:**

**Completing safety improvements within limited ROW, without utility conflicts and with bridge constraints.**

## 17. Firm Experience

|   |   |  |              |   |                                     |                       |       |
|---|---|--|--------------|---|-------------------------------------|-----------------------|-------|
| Firm name                               | Neel-Schaffer, Inc.   |  |              | Past Performance Evaluation Category(ies)*                    |                                     | Road, Traffic, Survey |       |
| Project name                            | LA 27 – LNG Plant Left Turn Lane  |  |              |   | Firm responsibility (prime or sub?) |                       | Prime |
| Project number                          | 153504  |  | Owner's name | Cameron LNG   |                                     |                       |       |
| Project location                        | Calcasieu and Cameron Parishes, LA  |  |              | Owner's Project Manager                                       |                                     | Jamie Gray            |       |
| Owner's address, phone, email           | 2925 Briarpark Drive, Suite 1000, Houston, TX 77042 / 832-415-6027 / jgray@cameronlng.com |  |              |   |                                     |                       |       |
| Services commenced by this firm (mm/yy) |   |  | 11/15        | Total consultant contract cost (\$1,000's)                    |                                     |                       | \$209 |
| Services completed by this firm (mm/yy) |   |  | 05/19        | Cost of consultant services provided by this firm (\$1,000's) |                                     |                       | \$209 |

Performance Rating Score: 4.0

4.7 highest category rating



### Project Highlights:

1. NSI avoided impacts to environmentally sensitive areas and maintained the project limits within the existing ROW.
2. NSI improved safety along the DOTD HWY by adding rumble strips, striping, safety end treatments and guardrails.



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 CE&I Services**. NSI developed construction plans that met **LADOTD standard and guidelines** for multiple turn lanes (with signage) onto LNG Plant in Hackberry, LA. The work included Superpave asphaltic concrete pavement widening, patching, and overlay, 9-barrel box culvert extension and cross-drain extensions, striping and rumble strips.

### Contracted tasks included:

**Topo Survey**

**Traffic Analysis**

**Development of Roadway Plans** – Developed roadway plans following LADOTD design guidelines

**Utility Coordination** – Developed and coordinated utility agreements for twelve utility companies.

**Construction Engineering and Inspection** – Work included Inspection and oversight of construction project to ensure LADOTD requirements, procedure and materials complied with plans and specifications. NSI worked closely with LADOTD, contractor and owner to come up with solutions when problems occurred in the field.

NSI personnel: Jerry Trumps, Vijay Kunada, Dishili Young, Frank Standige, Mai Nguyen, Scott Andrepont, P.E.

## 17. Firm Experience

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

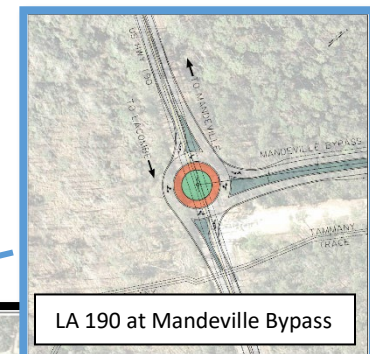
The Mandeville Bypass will provide a new 3-mile median section roadway with integral bike bath connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. It will also provide multiple entrances to Pelican Park, a major recreation facility serving west St. Tammany Parish.

Neel-Schaffer is managing the **public involvement**, developing traffic forecasts, providing traffic analysis, **completing the preliminary and final roadway plans, traffic control design**, utility coordination, construction **cost estimates**, and **construction support**. 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.

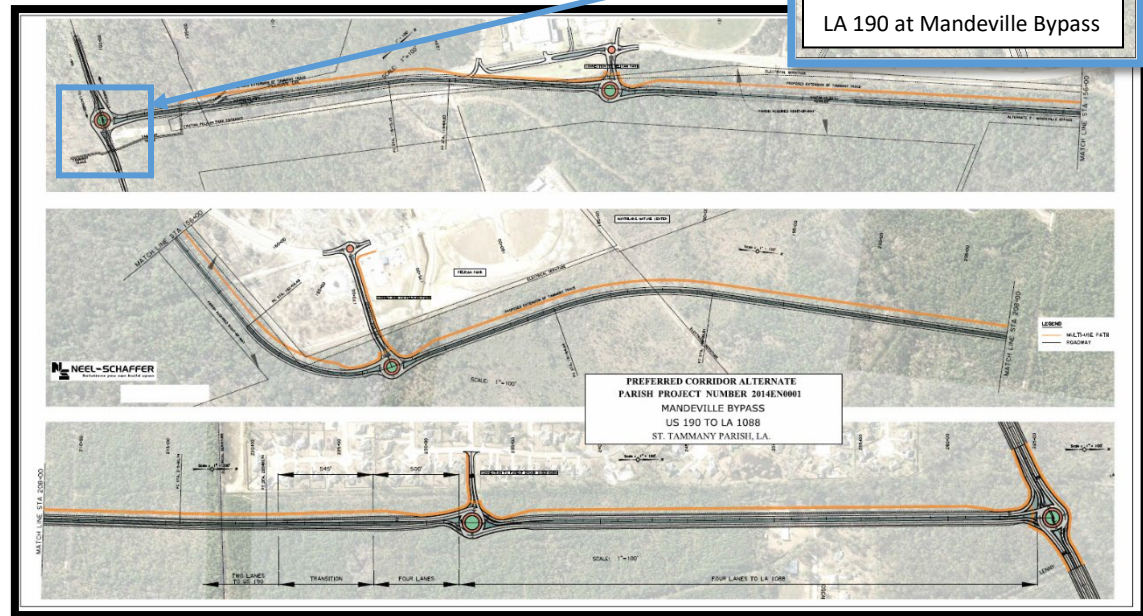
**Challenge:** Pipeline conflicts

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



LA 190 at Mandeville Bypass



This project includes work along two state highways, is in the final design phase and was designed using the DOTD guidelines and



### 17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

|   |  |  |   |                                     |                  |       |
|---|--|--|---|-------------------------------------|------------------|-------|
| Firm name                               | Civil Design & Construction, Inc.      |  | Past Performance Evaluation Discipline(s)*                    |                                     | Survey           |       |
| Project name                            | I-10 TX State Line East of Coone Gully |  |   | Firm responsibility (prime or sub?) |                  | 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/St 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. Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 30, with no more than 10 projects being represented by a single firm on the team. If more than 30 projects are identified, all projects identified after the first 30 will not be evaluated. If more than 10 projects are identified for a single firm, all projects identified after the first 10 from that firm will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

|   |   |  |              |   |                                     |                  |       |
|---|---|--|--------------|---|-------------------------------------|------------------|-------|
| Firm name                               | Civil Design & Construction, Inc.           |  |              | Past Performance Evaluation Discipline(s)*                    |                                     | Survey           |       |
| Project name                            | I-10: LA 415 to Essen Lane on I-10 and I-12 |  |              |   | Firm responsibility (prime or sub?) |                  | Sub   |
| Project number                          | H.004100                                    |  | Owner's name | LADOTD  |                                     |                  |       |
| Project location                        | West and East Baton Rouge, LA               |  |              | Owner's Project Manager                                       |                                     | Nicholas Olivier |       |
| Owner's address, phone, email           |   | 1201 Capital Access Rd, Baton Rouge, LA 70802 / 225-379-1232 / Nicholas.olivier@la.gov |              |   |                                     |                  |       |
| Services commenced by this firm (mm/yy) |   |  | 01/18        | Total consultant contract cost (\$1,000's)                    |                                     |                  | N/A   |
| Services completed by this firm (mm/yy) |   |  | 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 is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, LA. A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits. **CD&C's Role:**

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



**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. Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 30, with no more than 10 projects being represented by a single firm on the team. If more than 30 projects are identified, all projects identified after the first 30 will not be evaluated. If more than 10 projects are identified for a single firm, all projects identified after the first 10 from that firm will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

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

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

\* 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. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

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

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



## **17. Firm Experience**

|   |  |   |                      |
|---|--|---|----------------------|
| Firm name                               | Meyer, Meyer, LaCroix & Hixson, Inc.   | Past Performance Evaluation Discipline(s)*                    | CE&I                 |
| Project name                            | Third Street Enhancements: St. James to Broadway   | Firm responsibility (prime or sub?)                           | Prime                |
| Project number                          | S.P. H.004823  | Owner's name  | City of Alexandria   |
| Project location                        | Alexandria, LA   | Owner's Project Manager                                       | Mike Wilkinson, P.E. |
| Owner's address, phone, email           | 625 Murray St., Suite 5, Alexandria, LA 71301; 318-473-1173; mike.wilkinson@cityofalex.com |   |                      |
| Services commenced by this firm (mm/yy) | 04/12  | Total consultant contract cost (\$1,000's)                    | \$636                |
| Services completed by this firm (mm/yy) | 12/18  | Cost of consultant services provided by this firm (\$1,000's) | \$456                |

This project included a series of community meetings to discuss a wide range of improvements to Third Street (LA 1). After these meetings, the City of Alexandria decided to enhance this corridor by rehabilitating asphalt pavement, adding bioswales with landscaping, reducing overhead clutter of utilities, and using stamped colored asphalt at intersections. In addition, a shared bike lane was added, along with new walks, lighting, transit shelters, benches, and trash receptacles. Since the roadway was 70-80 years old with a variety of base course materials, 45 cores were taken and a dynamic cone penetrometer was used to collect existing data used in determining the best rehabilitated pavement section.

Due to shifting of roadway crown, the existing asphalt surface was cold-planed to the concrete or brick base course. New curb and gutter sections were installed to provide improved longitudinal slope for drainage. Existing concrete base joints were cleaned and resealed, and the asphalt was saw cut to align with the joints. The 0.678 mile project consisted of 4,200 tons of Superpave asphalt and 3,000 square yards of concrete walks. ADA compliant walks, ramps and crosswalk striping were included in the project.

MML&H was responsible for all permitting, including environmental clearance. MML&H also handled all of the required utility relocations, which were completed in 2014. MML&H provided topographic survey, preliminary and final plans, special (NS) technical provisions, and handled construction engineering and inspection.

**L. Keith Hillman, P.E., Oliver Neal, P.E. and Jason Murphy, P.E.** were utilized for this project.



**17. Firm Experience**

|   |  |   |                      |
|---|--|---|----------------------|
| Firm name                               | Meyer, Meyer, LaCroix & Hixson, Inc.   | Past Performance Evaluation Discipline(s)*                    | CE&I                 |
| Project name                            | City of Alexandria Sidewalks   | Firm responsibility (prime or sub?)                           | Sub                  |
| Project number                          | S.P. H.009299  | Owner's name  | City of Alexandria   |
| Project location                        | Alexandria, LA   | Owner's Project Manager                                       | Mike Wilkinson, P.E. |
| Owner's address, phone, email           | 625 Murray St., Suite 5, Alexandria, LA 71301; 318-473-1173; mike.wilkinson@cityofalex.com |   |                      |
| Services commenced by this firm (mm/yy) | 10/16  | Total consultant contract cost (\$1,000's)                    | \$111                |
| Services completed by this firm (mm/yy) | 01/20  | Cost of consultant services provided by this firm (\$1,000's) | \$111                |

This SRTS project included a variety of access improvements at four different public schools in Alexandria. The total construction cost was more than \$633,000 and completed in 130 working days. MML&H provided all of the engineering services including topo surveys, scoping report, design, and CE&I services. Some of the major items of work included 3,400 sy of concrete walk, 812 sy of concrete drives, 64 H/C ramps, pavement removal, 200 channel drains with metal end treatment, earthwork, striping and signage.

**L. Keith Hillman, P.E., Jason Murphy, P.E., Robert Mayes, P.E., and Oliver Neal, P.E.** were utilized for this project.



## *Section 18*

CONTRACT NO. 4400023943  
IDIQ Contract for Roadway Design Services  
Statewide

**18. Approach and Methodology:**

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

**If the consultant has information it believes is proprietary, label it accordingly.**

## NEEL-SCHAFER

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. A portion of the anticipated deliverable items, from a prior NSI project is provided in Figure 1.

Figure 1: Portion of an example Plan Submittal Stages Document

Utilized for kickoff meetings  
Subject to change based on specific Task Order requirements

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

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

We will complete a review of the existing available data such as as-built plans, existing studies, prior design plans, shop drawings, and structure maintenance records.

**Survey Services:** Our subconsultant, CDC, will complete the surveying services, including existing drainage mapping. 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.

The topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and



Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site.

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

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

## 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:** 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.

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

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

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

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. 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.

**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.

**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.

**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.

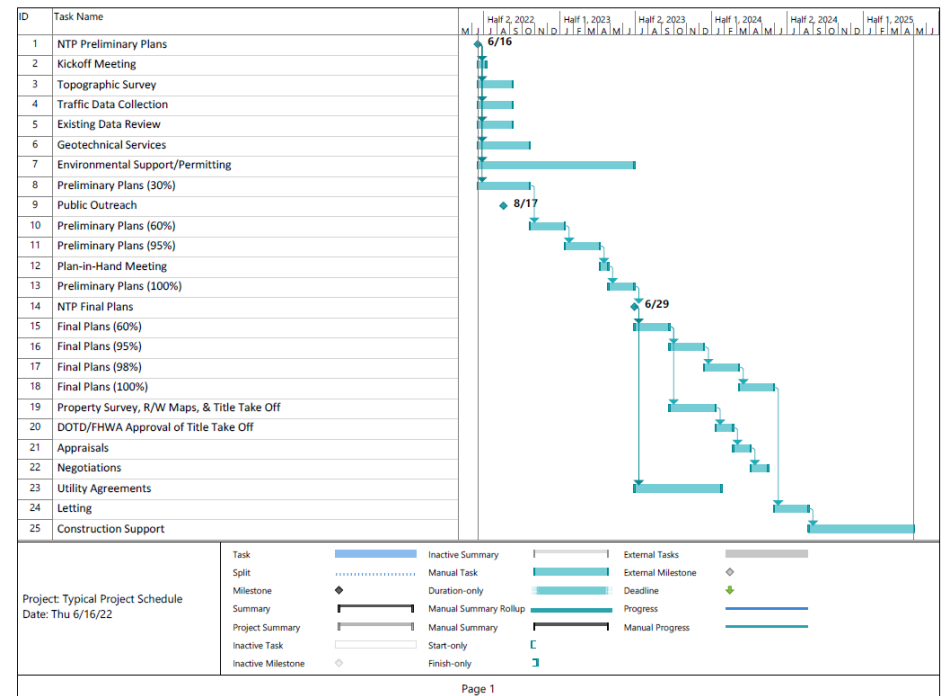


Figure 2: Typical Project Schedule

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



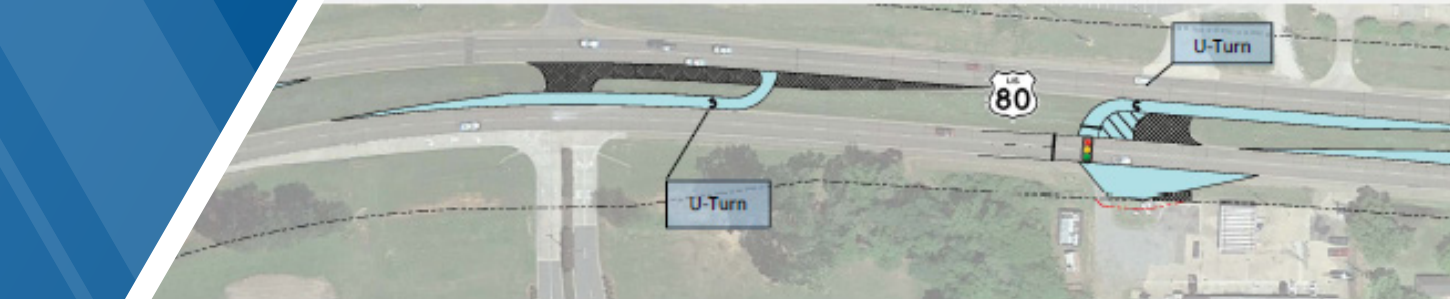
This IDIQ includes public outreach. The image shown to the right is taken from the US 80 public meeting handout completed by NSI for DOTD. NSI completed traffic, public outreach, layouts and construction cost estimates.

## 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.)



Two Alternatives Differ Only at the intersection of US 80 and Bellevue Rd.

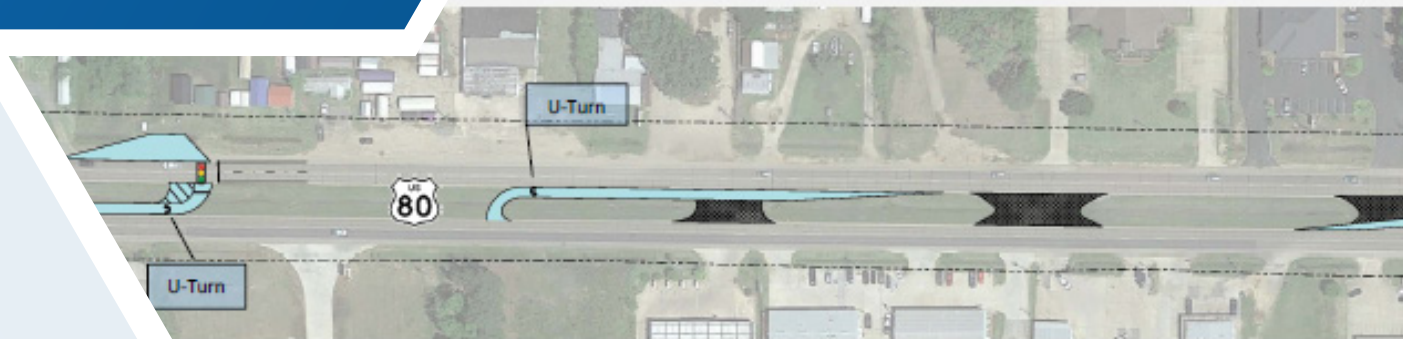


## Section 19-23

CONTRACT NO. 4400023943  
IDIQ Contract for Roadway Design Services  
Statewide

### 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:**

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

| Firm(s)       | Past Performance Evaluation Discipline(s)<br>* | 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) | \$77,149                   |
| 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                     | \$10,288                   |
| 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 | Road   | H.100108.1             | Safety Projects: Independence SRTS - Phase II                        | \$3,294                    |
| Neel-Schaffer | Road   | H.013713.1             | Safety Projects: LA 60 Bogalusa H.S. Ped Improvements                | \$3,717                    |
| Neel-Schaffer | Road   | H.013014.5             | Local Roads Signing (Vermilion)                                      | \$5,565                    |
| Neel-Schaffer | Road   | H.009290.5             | LSU Lab School SRTS Project  | \$61,842                   |
| 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                                    | \$340,510                  |
| 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   | \$31,941  |
| Neel-Schaffer                        | ITS                         | H.013256.6          | ITS: I-10 ITS Scott to Lake Charles Technical Support Services During Construction | \$23,867  |
| 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                        | Safety                      | H.014684.1          | D61 Intersections: Safety Study District 61  | \$411     |
| Neel-Schaffer                        | Traffic/Safety              | H.014579.5          | FYA Signal Improvements (LCG)  | \$730,822 |
| Neel-Schaffer                        | Safety                      | H.014959.1          | US 167: I-10 to Willow St. RSA   | \$54,977  |
| Neel-Schaffer                        | Planning/Traffic/<br>Safety | H.014745.1          | LA 383 Corridor Study  | \$236,487 |
| Civil Design &<br>Construction, Inc. | Surveying                   | 4400017597          | Rural Bridge Replacement Initiative (Districts 03, 07, 61, & 62)                   | 4,335     |
| Civil Design &<br>Construction, Inc. | Surveying                   | 4400017091/<br>TO-2 | LWI Statewide Modeling R5 – Task Order #2  | 126,727   |
| Civil Design &<br>Construction, Inc. | Surveying                   | 4400017091/<br>TO-3 | LWI Statewide Modeling R5 – Task Order #3  | 246,123   |
| MMLH                                 | Road                        | H.013086            | I.A. Lewis Elem Sidewalk – Phase 2   | N/A       |
| MMLH                                 | Survey                      | H.013086            | I.A. Lewis Elem Sidewalk – Phase 2   | N/A       |
| MMLH                                 | Right-of-Way                | H.013086            | I.A. Lewis Elem Sidewalk – Phase 2   | N/A       |
| MMLH                                 | Road                        | H.011194            | Pineville Elementary Sidewalks   | N/A       |
| MMLH                                 | Survey                      | H.011194            | Pineville Elementary Sidewalks   | N/A       |
| MMLH                                 | Traffic                     | H.013766            | Local Road Signs & Striping (CADD0)  | 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*

  
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*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*





# *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

  
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*Authorized Instructor*

  
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*Authorized Instructor*

  
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*Authorized instructor*





# *Certificate of Completion*

presented to

*Charles Adams*

for completing the

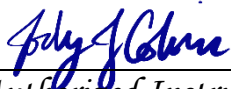
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*Date:* July 16, 2018

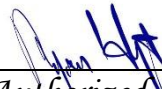
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*Professional Development*

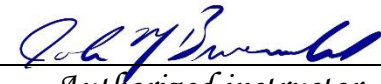
*Hours (PDHs) Awarded: 2*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



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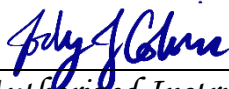
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*Date:* July 23, 2018

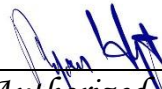
*Location:* Baton Rouge, Louisiana

*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

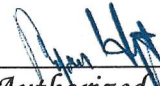
*Location:* Baton Rouge, Louisiana

*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

  
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*Authorized Instructor*

  
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*Authorized Instructor*

  
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*Authorized instructor*



# *Certificate of Completion*

presented to

*Kirk Gallien*

for completing the

## **Traffic Engineering Analysis Process & Report Module 3**

*Date:* October 15, 2018

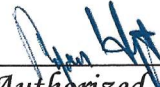
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*





# *Certificate of Completion*

presented to

*Jonathan Duhe*

for completing the

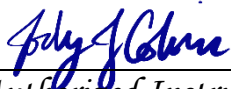
## **Traffic Engineering Analysis Process & Report Module 1**

*Date:* July 16, 2018

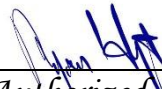
*Location:* Baton Rouge, Louisiana

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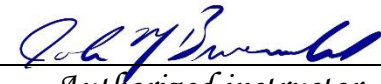
*Hours (PDHs) Awarded: 2*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Jonathan Duhe*

for completing the

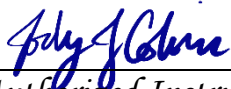
## **Traffic Engineering Analysis Process & Report Module 2**

*Date:* July 23, 2018

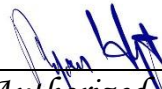
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Jonathan Duhe*

for completing the

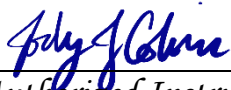
## **Traffic Engineering Analysis Process & Report Module 3**

*Date:* October 29, 2018

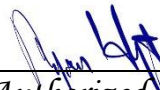
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



**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.

| <b>Firm Name<br/>(as registered with Louisiana's<br/>Secretary of State)</b> | <b>Address</b>   | <b>Point of Contact and email<br/>address</b>   | <b>Phone Number</b> |
|--|--|---|---------------------|
| Civil Design & Construction, Inc.  | PO Box 857, Port Allen, LA<br>70767/3251 Southern Pacific<br>Rd. | Karla E. Weston, PE<br><a href="mailto:kweston@cdcbr.com">kweston@cdcbr.com</a>                                 | 225-765-1802        |
| Meyer, Meyer, LaCroix & Hixson, Inc.   | 100 Engineer Place, Alexandria,<br>LA 71303                      | L. Keith Hillman, P.E., Vice<br>President<br><a href="mailto:keith.hillman@mmlh.com">keith.hillman@mmlh.com</a> | 318-448-0888        |

(Add rows as needed)



**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.