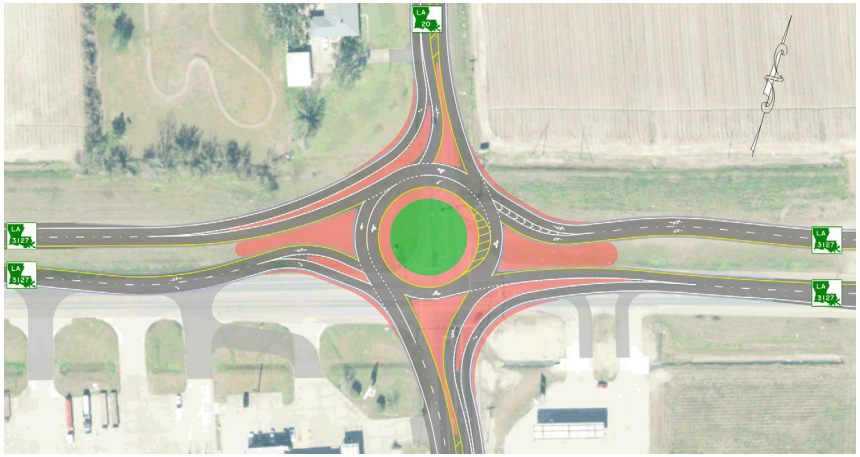
CRESCENT
ENGINEERING & MAPPING LLC

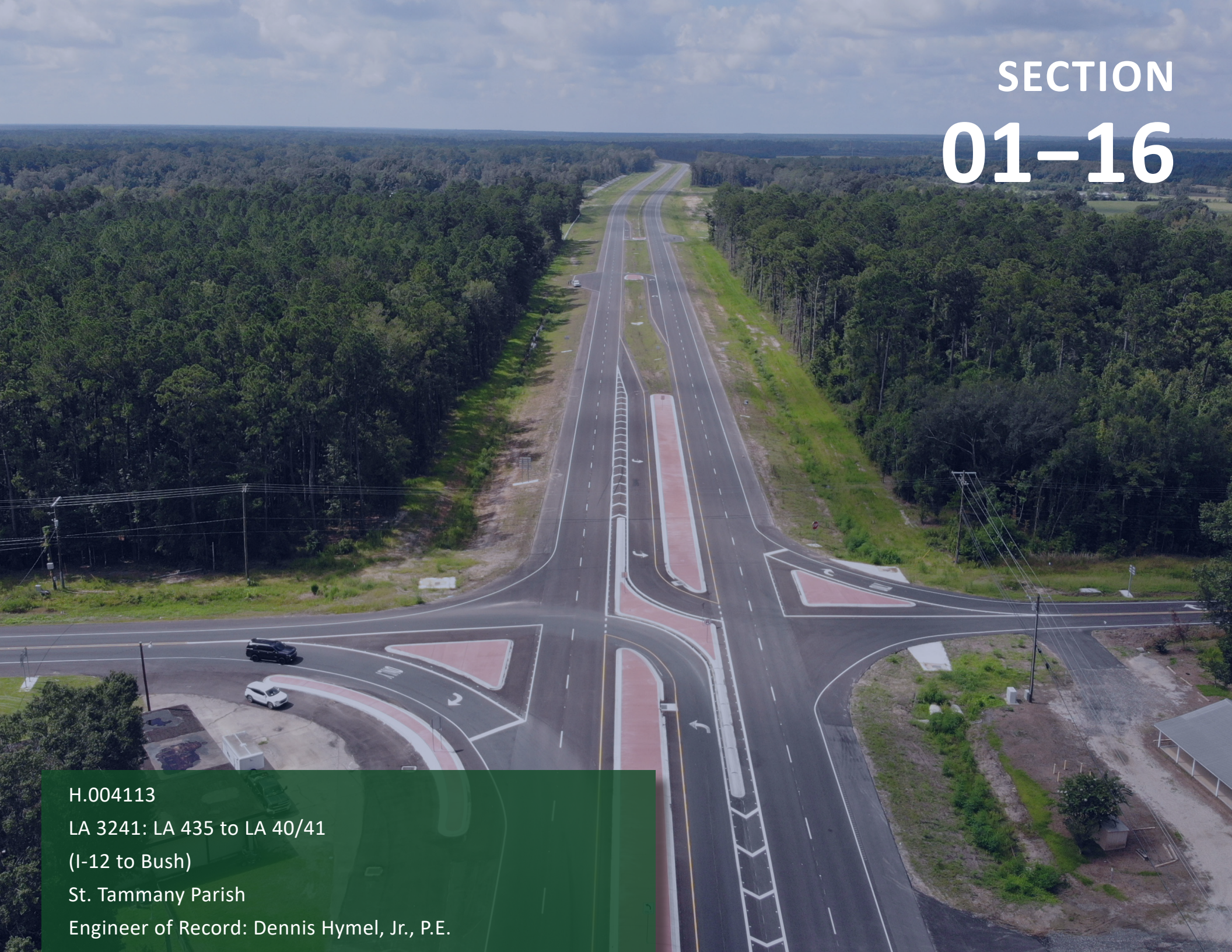
DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE

Contract No. 4400031039

February 25, 2025



SECTION 01–16

H.004113
LA 3241: LA 435 to LA 40/41
(I-12 to Bush)
St. Tammany Parish
Engineer of Record: Dennis Hymel, Jr., P.E.

DOTD FORM: 24-102 (Revised December 12, 2024)

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**
2. Contract number(s) as shown in the advertisement	4400031039
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Crescent Engineering & Mapping, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering: EF-0007140 | Surveying: VF-0000871
6. Prime consultant mailing address	PO Box 370, Vacherie, LA 70090
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1815 LA 18, Vacherie, LA 70090
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Dennis M. Hymel, Jr., PE, President/Manager 225.329.1742 | Dennis.Hymel@crescentengla.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Dennis M. Hymel, Jr., PE, President/Manager 225.329.1742 | Dennis.Hymel@crescentengla.com

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

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

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

Date: 2/25/2025

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s):	Firm(s)' %:
Vectura Consulting Services, LLC	5%

12. 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 discipline, as well as the overall total percent of the contract.

The only disciplines to be used are: (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic)

Discipline(s)	% of Overall Contract	Crescent Engineering & Mapping, LLC	Neel-Schaffer, Inc.	Vectura Consulting Services, LLC	Each Discipline must total 100%
Road	**60%**	**80%**	**20%**		**100%**
Survey	**20%**	**100%**			**100%**
Traffic	**20%**		**75%**	**25%**	**100%**
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	**100%**	**68%**	**27%**	**5%**	**100%**

13. Firm Size:

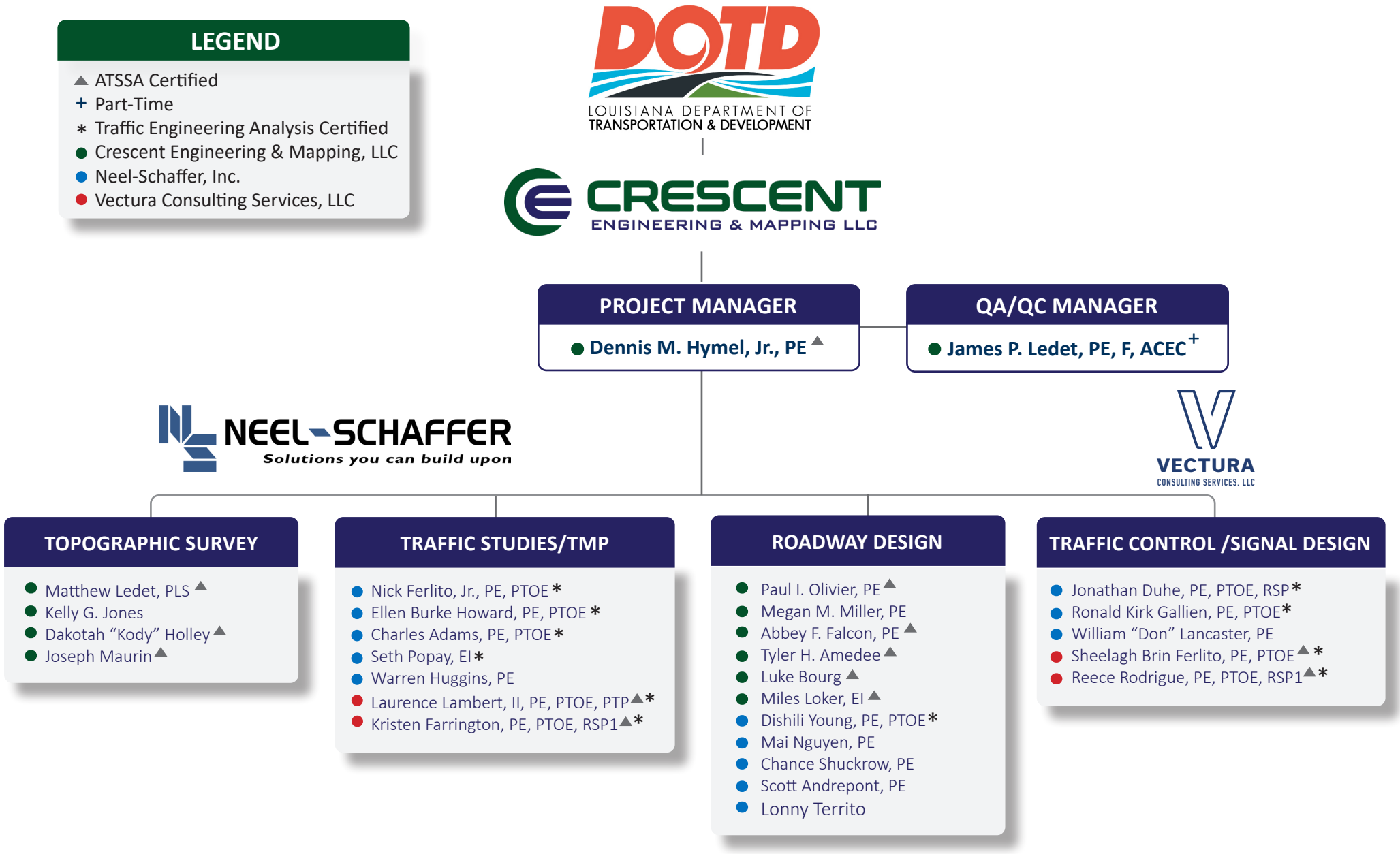
For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
CRESCENT ENGINEERING & MAPPING LLC	Supervisor - Eng	1	1
	Engineer	3	4
	Senior Technician	2	2
	Surveyor	1	1
	Party Chief	2	2
	Instrument Man	2	2
	Engineer Intern	1	1
	Clerical	0	1
NEEL-SCHAFFER Solutions you can build upon	Principal	1	2
	Supervisor- Eng	2	2
	Engineer	6	25
	Engineer Intern	1	7
	Senior Technician	1	2
VECTURA CONSULTING SERVICES, LLC	Supervisor- Eng	1	2
	Engineer	2	3
	Engineer Intern	1	2
	Senior Technician	1	2
	Supervisor- Other	0	1
	Technician	1	1
	Clerical	0	1

14. Organizational Chart:



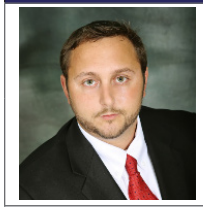
15. Minimum Personnel Requirements:

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. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Dennis Hymel Jr., PE	CRESCENT ENGINEERING & MAPPING LLC	LA PE# 38172 - Civil	LA	09/30/2025
2	Dennis Hymel Jr., PE		LA PE# 38172 - Civil	LA	09/30/2025
3	Dennis Hymel Jr., PE		LA PE# 38172 - Civil	LA	09/30/2025
	Paul I. Olivier, PE		LA PE# 39967 - Civil	LA	03/31/2026
4	Matthew J. Ledet, PLS		LA PLS #5104	LA	03/31/2026
5	Nick Ferlito, Jr., PE, PTOE	NEEL-SCHAFFER Solutions you can build upon	LA PE# 28001 - Civil PTOE 930	LA	09/30/2025
	Ellen Burke Howard, PE, PTOE		LA PE# 38207 - Civil PTOE 3735	LA	03/31/2026
	Ronald Kirk Gallien, PE, PTOE		LA PE# 23428 - Civil PTOE 1288	LA	09/30/2025
	Johnathan Duhe, PE, PTOE, RSP		LA PE# 41047 - Civil PTOE 4418/RSP 282	LA	03/31/2025
	Charles Adams, PE, PTOE		LA PE# 27440 - Civil PTOE 878	LA	09/30/2025
	Sheelagh Brin Ferlito, PE, PTOE	VECTURA CONSULTING SERVICES, LLC	LA PE# 25383 - Civil PTOE 932	LA	09/30/2025 09/09/2027
	Laurence Lambert, PE, PTOE, PTP		LA PE# 29901 - Civil PTOE 1301	LA	03/31/2026 02/03/2028

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



Dennis M. Hymel, Jr., PE
President/Manager

Years of relevant experience with this employer	3
Years of relevant experience with other employer(s)	17

Degree(s) / Years / Specialization			Bachelor of Science/2009/Civil Engineering
Active registration number / state / expiration date			38172/LA/09-30-2025
Year registered	2013	**Discipline**	PE/Civil Engineering
Contract role(s) / brief description of responsibilities			Roadway Design Supervisor. Dennis' experience fulfills **MPRs #1-3.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 – 08/21 *(previous employer)*	**S.P. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD)** – Supervising/QC Engineer. Performed QC/QA duties of urban roadway design elements including horizontal and vertical geometry, intersection design, concrete curb, graphical grading, striping/signing, construction phasing, roadway barrier and footing details, and oversight of roadway plan production for a one mile, **5-lane urban roadway reconstruction**. Also responsible for bridge design report, urban bridge design, and QC of bridge plan development and LRFR for a horizontally curved, superelevated, 1,400-footlong bridge over the Bouge Falaya River using LG 36 and LG 54 prestressed concrete girders, rectangular column bents, low water pier foundations. Coordinated utility conflicts and relocations, and the geotechnical engineering design of bridge footings and embankment settlement.
04/22 – Ongoing	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Project Manager/EOR. Responsible for overall project management and oversight and supervision of all project elements including topographic surveys, traffic analysis and report, roadway widening design, roundabout geometrics, pavement design, drainage design and H&V geometrics. The project involves widening the existing 2-lane roadway to a 4-lane divided median roadway and includes **two multi-lane roundabouts, an R-Cut intersection and multiple J-Turn intersections for over 4 miles of arterial widening**. Also responsible for the oversight of geotechnical and environmental subconsultants.
09/16 – 08/21 *(previous employer)*	**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Project Manager/Engineer of Record. Responsible for all roadway design including H&V alignments, interchange geometrics, drainage, preparation of a Level 4 TMP and construction phasing plans along the mainline and interstate ramps. Designed single slope TL-4 median barriers on concrete footings, special median barrier transitions for lighting, overhead signs and ITS/DMS, prepared ERDD document and EOR for all permanent interstate signing; Bridge Design Engineer and QC for the widening of Pontchatolawa Creek (25' skewed RC Slabs) and Tammany Trace bridges (AASHTO Type III prestressed girders with varying skewed, bobtail spans), LRFR for all structures. Responsible for coordination of geotechnical design and performed Construction Support Services. **Design completed under an accelerated project schedule.**
08/24 – Ongoing	**S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD)** – Project Manager/Supervising Engineer. Responsible for overall project management and supervision of the design effort, including H&V alignments and roundabout geometrics for a multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway in Gonzales, LA. Project also includes **1-mile of urban collector roadway widening design from a 2-lane to a 4-lane roadway** with a divided median including multiple J-turn intersections and bridge widening or reconstruction design.

16. Staff Experience:

04/16 – 08/21 *(previous employer)*	**S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD)** – Project Manager/Supervising Engineer. Responsible for the oversight of topographic survey, right-of-way mapping, roadway and bridge design services for the safety widening of LA 20 near Vacherie, LA. Supervised all plan production activities and major roadway and bridge design elements including H&V geometrics, striping/signing, drainage design, roadway/bridge construction phasing, bridge superstructure and substructure elements, LRFR analysis and rating. Also responsible for the oversight of the geotechnical design of pavement and settlement analysis as well as concrete pile design.
03/14 – 08/21 *(previous employer)*	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Project Manager/Engineer of Record. Performed field and office QC of topographic surveys, lead the design team as EOR and was responsible for all roadway design elements including hydraulics, roadway H&V geometrics, superelevation, intersection design, R-CUT and J-turn intersections, prepared Level 3 Traffic Management Plan, prepared roadway plans, served as bridge design QC engineer for twin 4-span AASHTO Type III girder bridges over Talisheek Creek, oversaw entire plan production for **5.5-mile, greenfield, new corridor** including a four-lane rural roadway from LA 435 to Bush, LA.
02/18 – Ongoing	**ENG-17-013 & MA-23-01, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish)** – Project Manager/EOR. At previous employer, SUE QL D-A EOR, QC of surveys, responsible for developing Stage 0 report, Line and Grade, roadway design and bridge design (LG-36 girders) for 175' bridge over Bayou Lafourche and curved RC Slab spans over Bayou Napoleon. Currently managing Environmental Assessment and responsible for roadway and bridge design of **8.5 mile, 4-lane, greenfield, new corridor project** creating an evacuation route, industrial and heavy vehicle by-pass around Donaldsonville, LA.
05/22 – Ongoing	**EN22-0181, Rousseau Rd. Bridge over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)** – Project Manager/QC Engineer. Performed review of topographic surveys, QC of roadway design, H&V geometrics, hydraulics, EOR for Urban bridge design elements including special span/bents, LRFR of replacement bridge and rehabilitated structure, bridge rehabilitation design using steel framed helper bents, environmental assistance, and subconsultant coordination for the replacement of the existing 4-span bridge near Covington, LA.
03/16 – 02/19 *(previous employer)*	**S.P. H.011670, I-10/Loyola Interchange Improvements, Jefferson Parish, LA (LADOTD)** – Project Manager/Lead Engineer. Lead design team for Line and Grade studies and the Environmental Assessment (EA), assisted in preparation of the EA document, critical geometry, interchange modification and alternative screening, lead engineer for the design of a **four-level stacked, directional interchange** ($150 MM) including roadway and bridge, curved steel plate and prestressed concrete girder bridges, urban roadway sections, major utility conflict assessments, cost estimates, public meetings and quality control for a diverging diamond interchange (DDI) for the new interchange on I10 at Loyola Dr. for the new airport terminal at Louis Armstrong International Airport (MSY).
03/15 – 05/18 *(previous employer)*	**S.P. H.004932, I-49 South @ LA 318 Interchange, St. Mary Parish. LA (LADOTD)** – Project Manager & Engineer of Record. Responsible for Design-Build team coordination, Value Engineering Assessment, roadway geometric design including H&V geometry, hydraulic design including SDP, SD and CDP, intersection layout and design, striping/signing, TMP, environmental support including public hearings and oversight of plan production for nearly **(3) miles of RC-2 classification frontage roads for new Interchange on I-49 South**.
01/12 – 12/17 *(previous employer)*	**07-EXT-22, Bayou Gardens Blvd. Extension (LA 660 to LA 316), Terrebonne Parish, LA (Terrebonne Parish)** – Project Manager/Engineer of Record. Performed QC of topographic surveys, led roadway design including drainage, H&V geometry, superelevation, subsurface storm drainage, TMP, utility locates, utility relocation and coordination. Performed bridge design including curved, superelevated RC Slabs on special skew, LRFR, scour analysis, special pile supported approach slabs, oversight of CE&I and construction support services, LADOTD permitting and traffic approval for the 1.6 mile, 4-lane Urban roadway extension including signals and turn lanes on LA 660 and LA 316.
02/10 – 01/12 *(previous employer)*	**S.P. 450-10-0159, I-10 Widening (Siegen Lane to Highland Rd.), East Baton Rouge Parish, LA (LADOTD)** – Staff Engineer. Prepared roadway design plans including development of H&V geometry, drainage design, DB team coordination, construction support, structural design of cantilevered concrete retaining walls, barriers and footings, barrier mounted light poles & signage, cost estimation for the widening of I-10 in Baton Rouge, LA.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Paul I. Olivier, PE
Engineering Manager

Years of relevant experience with this employer	2
Years of relevant experience with other employer(s)	13

Degree(s) / Years / Specialization			Bachelor of Science/2010/Civil Engineering
Active registration number / state / expiration date			39967/LA/03-31-2026
Year registered	2015	**Discipline**	PE/Civil Engineering
Contract role(s) / brief description of responsibilities			Roadway Design - Paul's experience fulfills **MPR #3**

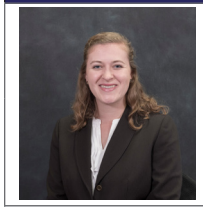
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 – 01/23 *(previous employer)*	**S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish, LA (LADOTD)** – Project Manager/Engineer of Record. Engineer of Record responsible for the **widening of a 0.9 mile stretch along US 190 from LA 437 to US 190 (Bus.)** in Covington, LA. Oversaw plan preparation and the design of project elements such as H&V alignments, superelevation design, roadway geometrics, existing and design drainage maps, striping/signing, typical sections, curb details, graphical grades, concrete joint layouts and inroads modeling of a **5-lane, raised, divided median urban arterial roadway** in Covington, LA. Provided quality control of bridge plans, project pay items, quantity take-offs and cost estimate. Also responsible for the development of a utility conflict matrices and Level 4 TMP Document including the analysis and justification for the temporary closure of LA 21 at the bridge crossing at US 190. Also provided Construction Support in the form of reviewing and responding to RFI's, contractor submittals and shop drawings.
02/23 – Ongoing	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Supervising Engineer. Provided oversight of project design elements and plan production for the widening of an existing 2-lane roadway to a 4-lane divided median roadway with multiple roundabouts and J-turn intersections. Conducted reviews of H&V alignments, roadway, roundabout, J-turn and R-cut geometrics, drainage design and all plan submittals.
04/16 – 01/23 *(previous employer)*	**S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD)** – Lead Road Design Engineer. Responsible all roadway design and plan production activities for the safety widening of LA 20 near Vacherie, LA. Led the design of roadway elements including H&V alignments, drainage design, construction phasing, superelevation design, guardrail design, striping/signing and inroads modeling. Also performed quantity calculations and construction cost estimates and assisted in preparation of environmental drawings to obtain environmental clearance.
08/24 – Ongoing	**S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD) –** Engineer of Record. Responsible for the design effort and plan preparation of a multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway in Gonzales, LA. Project also includes **1-mile of roadway widening design from a 2-lane to a 4-lane roadway** with a divided median including multiple J-turn intersections and bridge widening or reconstruction design. Responsible for all horizontal/vertical alignments, roundabout/j-turn geometrics, superelevation design and calculations, bridge TS&L and public meeting exhibits.

16. Staff Experience:

09/16 – 10/22 *(previous employer)*	**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Lead Road Design Engineer. Led roadway design including H&V geometrics, drainage design, mainline and interchange construction phasing, embankment widening, guardrail, striping/signing and inroads modeling and assisted with the preparation of a Level 4 TMP. Also responsible for oversight of all plan production activities, performed quantity calculations and construction cost estimating, and assisted with construction support in the form of reviewing RFI's and contractor shop drawing for the 4-mile widening of I-12 near Covington, LA. **Design completed under an accelerated project schedule.**
03/14 – 01/23 *(previous employer)*	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Project Engineer/EOR. Led roadway design including hydraulics, drainage, roadway H&V geometrics, superelevation, intersection design, R-CUT and J-turn intersections, roundabout layouts, assisted with Level 3 Traffic Management Plans and led oversight of roadway plan production for **5.5-mile, four-lane rural roadway** from LA 435 to Bush. Also provided Construction Support in the form of reviewing and responding to RFI's, contractor submittals and shop drawings.
02/20 – 01/23 *(previous employer)*	**S.P. H.012812, US 190 Roundabouts @ Northshore, Camp Villere, St. Tammany Parish, LA (LADOTD)** – Project Manager/Supervising Engineer. Led all design and plan preparation activities of a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. in Slidell, LA. Provided quality control and design oversight of all project elements including H&V alignments, drainage design, striping/signing, construction phasing, roundabout geometrics, autoturn movements, graphical grades, concrete joint layouts, typical sections, inroads modeling, quantity calculations and required right-of-way impacts. Provided environmental support with preparation of project exhibits to be utilized for Public Meetings.
09/18 – 08/20 *(previous employer)*	**MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish)** – Project Manager. Supervising Engineer for the reconstruction of a 2-lane, Urban Collector in Gonzales, LA. Responsible for the oversight of all roadway and bridge design elements including H&V alignments, urban drainage design, Typical Sections, Intersection Design, and Striping and Signing among others. Responsible for oversight of all Cost Estimate and Design Report Forms and provided bidding assistance and construction support for a separate Clearing and Grubbing Package that was let by Ascension Parish prior to completion of the roadway plans.
06/11 – 12/17 *(previous employer)*	**07-EXT-22, Bayou Gardens Blvd. Extension (LA 660 to LA 316), Terrebonne Parish, LA (Terrebonne Parish)** – Project Engineer. Led and assisted with all roadway and bridge design elements including H&V alignments, superelevation design, concrete joint layouts, curb details, graphical grades, corridor modeling, guardrail calculations, quantity take-offs, roadside and channel hydraulics, utility relocation and coordination. Also assisted with Construction Support in the form of reviewing Contractor submittals including asphalt and concrete mix designs for the **1.6 mile, 4-lane Urban roadway extension including signals and turn lanes on LA 660 and LA 316**.
02/23 – Ongoing	**EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish)** – EOR. Responsible for all roadway design elements including H&V geometrics, roadside and channel hydraulics, roadway/bridge construction phasing, superelevation design, pavement design, inroads modeling, quantity calculations and cost estimating for the replacement of the existing 4-span bridge near Covington, LA.
09/18 – 08/19	**S.P. No. H.003790, LA 930: LA 929 to LA 42, Ascension Parish, LA (Ascension Parish)** – Project Manager. Responsible for all roadway design elements including pavement design, H&V geometry, intersection and turn lane design, drainage design, superelevation design, striping and signing, inroads modeling, quantity take-offs and cost estimates. Also led all plan production activities and provided value engineering services and re-design of roadway and drainage for the mitigation of major utility conflicts
12/14 – 03/18 *(previous employer)*	**S.P. H.004932, I-49 South @ LA 318 Interchange, St. Mary Parish, LA (LADOTD)** – Project Engineer. Assisted with Design Build Proposal preparation and Value Engineering assessment, roadway design including geometrics, H&V alignment, hydraulic design including SDP, SD, CDP and open ditches, intersection layout and design, striping/signing, TMP coordination for the new interchange including nearly **three miles of Rural Collector classification frontage roads on new alignment**.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



Abbey F. Falcon, PE
Project Engineer

Years of relevant experience with this employer	2.5
Years of relevant experience with other employer(s)	5

Degree(s) / Years / Specialization			Bachelor of Science/2017/Civil Engineering
Active registration number / state / expiration date			46035/LA/03-31-2026
Year registered	2021	**Discipline**	PE/Civil Engineering
Contract role(s) / brief description of responsibilities			Roadway Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 – 04/22 *(previous employer)*	**S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish, LA (LADOTD)** – Project Engineer. Assisted with all roadway design elements on the **1-mile Urban, roadway widening** project including roadway geometrics, graphical grades and drainage design. Prepared quantities, performed Inroads roadway modeling, prepared summary sheets, typical sections, detailing, assisted with the preparation of preliminary and final roadway plans.
07/22 – Ongoing	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Project Engineer. Lead design engineer for several project elements such as H&V alignments, drainage design, roundabout and J-turn geometrics, and preliminary inroads modeling. Project involves widening existing roadway to 4-lane divided and includes two multi-lane roundabouts, geotechnical, environmental for over **4 miles of arterial widening** and multi-lane roundabouts at LA 20 and LA 3213.
05/17 – 08/21 *(previous employer)*	**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Project Engineer. Assisted with all roadway design elements on the **4-mile interstate widening project** including geometrics, Level 4 TMP and drainage. Prepared quantities, Inroads roadway modeling, summary sheets, typical sections, detailing, Sequence of Construction sheets, prepared preliminary and final roadway plans. Design was completed under an accelerated project schedule.
06/17 – 06/21 *(previous employer)*	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Project Engineer. Assisted with several roadway design elements for a **5.5 mile, 4-lane corridor project including J-turn and R-cut intersection** geometrics, superelevation calculations, inroads modeling and quantity calculations. Also assisted with the hydraulic analysis of all roadside ditches, side drain pipes and major cross drain pipes. Responsible for the development of the existing and design drainage maps.
08/24 – Ongoing	**S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD)** – Project Engineer. Assisted in the design effort and conceptual roundabout layouts for the multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway and the widening of an urban collector from a **2-lane to a 4-lane roadway** in Gonzales, LA. Also responsible for the design of the guardrail and embankment widening and reviewed roundabout and J-turn intersection geometrics and bridge type, size and location.
07/17 – 06/21 *(previous employer)*	**S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD)** – Project Engineer. Assisted with H&V geometrics, roadway drainage design, roadway and bridge plan production, Inroads modeling, quantity calculations for the **2.7 mile rural safety widening project** including split phased bridge construction of the RC slab span bridge over unnamed Bayou.

16. Staff Experience:

07/20 – 05/22 *(previous employer)*	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58** – Engineer of Record. Lead Engineer for the design and plan production of 11 bridge replacements (4 state projects) throughout Central and North Louisiana. Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the production of Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
09/18 – 08/20 *(previous employer)*	**MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA** – Project Engineer. Assisted with several roadway design elements including quantity calculations, striping/signing and construction phasing for a 1.5 mile widening and reconstruction project in Gonzales, LA. Also performed hydraulic analysis and calculations of all roadside ditches, side drain pipes and cross drain pipes. Performed all calculations in LADOTD HYDRWIN Programs including HYDR1120, HYDR1130 and HYDR1140 in order to determine ditch depths, pipe sizes and headwater/tailwater elevations.
06/22 – Ongoing	**EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)** – Project Engineer. Led several roadway design elements for an offset alignment, H&V geometrics, drainage and assisted with bridge design elements including special span/bents, bridge TS&L development, environmental assistance, and subconsultant coordination for the replacement of the existing 4-span bridge near Covington, LA.
05/23 – 05/24	**S.P. H.015025, Mclin Road over Darling Creek, St. Helena Parish, LA (LADOTD)** – Lead Project Engineer/EOR. Responsible for all roadway and bridge design including H&V geometrics, drainage design, hydraulics and scour analysis, foundation layout, curved RC slab spans and approach slabs, guardrail design, GPE, on-site detour design, Inroads modeling, developed bridge TS&L, oversight of road and bridge plan production. Project was completed under an accelerated design schedule.
06/22 – Ongoing	**S.P. No's. H.015333, H.015404 & H.015407: Tangipahoa IIJA Bridge Replacements, Tangipahoa Parish (LADOTD)** – Lead Project Engineer/EOR. Responsible for all roadway design elements and plan production involved with the spot replacement of 4 bridge structures located along Old Genessee Rd. (2 sites), Easley Rd., and Lewiston Rd. located throughout Tangipahoa Parish. Performed QC review of topographic surveys and is responsible for design elements including H&V geometrics, roadside and structure hydraulics, construction phasing, detour plans, inroads modeling, quantity calculations and cost estimates.
04/20 – 04/22 *(previous employer)*	**S.P. H.013953, McManus Road Bridge/Cypress Creek, Richland Parish, LA (LADOTD)** – Lead Project Engineer/EOR. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, prepared bridge TS&L, prepared roadway and bridge plans, design report forms, design criteria for the eight (8) span Off-System bridge replacement.
08/21 – 05/22 *(previous employer)*	**S.P. No. H.014407: LA 621 at Roddy Road Roundabout, Gonzales, LA (LADOTD)** – Lead Project Engineer. Leads engineer for the design of a single lane roundabout at the intersection of Roddy Road and LA 621 in Ascension Parish, LA. Prepared roundabout and intersection widening conceptual layouts for inclusion in a Roundabout Justification Report and was also responsible for preliminary plan production and design elements such as H&V alignments, autoturn movements, roundabout geometrics, and drainage design. Also responsible for production of the 60% Preliminary Plan submittal.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Megan M. Miller, PE
Project Engineer

Years of relevant experience with this employer	1
Years of relevant experience with other employer(s)	13

Degree(s) / Years / Specialization			Bachelor of Science/2010/Civil Engineering
Active registration number / state / expiration date			39897/LA/09-30-2025
Year registered	2015	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Roadway Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 – 12/23 *(previous employer)*	**S.P. H.001344, US 190: LA 437 to US 190 (BUS) (Ph. 1), St. Tammany Parish, LA (LADOTD) –** Bridge Project Engineer. Responsible for bridge design tasks including development of TS&L, typical sections, foundation plan, General Plan/Elevation, superstructure modeling using LEAP CONSPAN, and development of bridge plans for a **1400-foot-long bridge over the Bouge Falaya River** in Covington, LA using LG 36 and LG 54 prestressed concrete girders. Performed reviews of contractor bridge submittals and shop drawings.
03/17 – 06/22 *(previous employer)*	**S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James and Lafourche Parishes, LA (LADOTD) –** Lead Bridge Design Engineer. Performed all bridge design tasks for the widening of LA 20 including **bridge replacement using split-phase construction** methods. Performed superstructure and substructure design using various programs including LEAP CONSPAN, STADD ProV8i, prepared construction phasing details, foundation plans and assisted with bridge plan production.
02/17 – 08/19 *(previous employer)*	**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Lead Bridge Design Engineer/Engineer of Record. Performed all bridge design tasks associated with the **widening of the I-12 bridges over the Tammany Trace Bike Path** utilizing AASHTO Type III Precast, Pre-stressed concrete girders with multiple, varying skewed spans in a vertical curve. Designed girders and deck using various programs including LEAP CONSPAN, STAAD, and BrR (Virtis). Performed substructure design using STAAD ProV8i and LEAP CONSPAN, designed bearing pads, framing and foundation plans. Assisted with bridge plan production including partial demolition and construction phasing plans for the interstate widening project. Also provided construction support in the form of contractor shop drawing reviews.
02/24 – Ongoing	**EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)** – Bridge Engineer of Record. Responsible for designing rehabilitation plans for the existing structure which includes structural steel helper bents and existing bridge load ratings. Led the design of a **30' wide by 140' long replacement structure** which includes implementation of split phase construction, As-Designed LRFR analysis and reports, span and bent design using STAAD, OpenBridge, AASHTOWARE BrR. Also responsible for overseeing plan production for bridge plans and details, as well as calculating all bridge quantities including concrete and steel.
02/24 – 05/24	**S.P. H.015025, Mclin Road over Darling Creek, St. Helena Parish, LA (LADOTD)** – Bridge Engineer of Record. Responsible for the bridge design elements of a **4-span, 24' clear width, curved, concrete slab span bridge** utilizing STAAD and OpenBridge bridge design software programs. Reviewed bridge superstructure and substructure details and performed As-Designed LRFR utilizing AASHTOWare BrR 7.4 of the bridge replacement in St. Helena Parish as a part of the Off-System Bridge Replacement Program.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Tyler H. Amedee, PE
Project Engineer

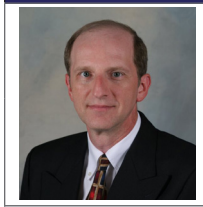
Years of relevant experience with this employer	<1
Years of relevant experience with other employer(s)	8

Degree(s) / Years / Specialization			Bachelor of Science/2016/Civil Engineering
Active registration number / state / expiration date			45334/LA/09-30-2025
Year registered	2021	**Discipline**	PE/Civil Engineering
Contract role(s) / brief description of responsibilities			Roadway Design Engineer

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 – 02/22 *(previous employer)*	**S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish, LA (LADOTD)** – Project Engineer. Led several roadway design elements including mainline and intersection geometrics, graphical grades, concrete curbing details, construction phasing, roadway barrier and steel sheet pile layout and details, concrete pier protection layout and details and site design. Served as Engineer of Record of several plan sheets including Summary Sheets, Plan & Profile Sheets, TBM Sheets and Existing Drainage Maps. Also assisted with the development of a Level 3 TMP Document and utility conflict matrices and resolutions for the **0.9-mile widening stretch of US 190** in Covington, LA.
06/18 – 08/21 *(previous employer)*	**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Project Engineer. Led the design of interstate construction phasing of the mainline and ramps along I-12 from US 190 to LA 59 in Covington, LA. Also assisted in the design and development of several project elements including horizontal and vertical alignments, graphical grading of interstate ramps, drainage and quantity calculations.
06/18 – 06/21 *(previous employer)*	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Project Engineer. Assisted with several roadway design elements for a **5.5 mile, 4-lane corridor** project including J-turn and R-cut intersection geometrics, superelevation calculations, inroads modeling and quantity calculations. Led the roadside drainage design effort including development of existing and design drainage maps and hydraulic analysis of all roadside ditches, side drain pipes and major cross drain pipes including multiple, multi-barrel RCB crossings.
04/18 – 02/22 *(previous employer)*	**S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD)** – Project Engineer. Assisted with the design of roadway elements including typical sections, horizontal and vertical geometry, drainage design and assisted with the preparation of plans for the **2.7-mile rural safety widening project** near Vacherie, LA. Also assisted with coordinating bridge tasks including horizontal and vertical bridge/roadway geometry, utility conflict matrices and resolutions, and quantity calculations.
09/18 – 08/20 *(previous employer)*	**MA-18-07, Braud Rd. & Germany Rd. Roundabout, Ascension Parish Government, Ascension Parish, LA** – Lead Project Engineer. Led the roadway design effort and assisted with project management tasks related to the **single-lane roundabout** at the intersection of Braud Rd. and Germany Rd. in Gonzales, LA. Responsible for development of H&V alignments, roundabout geometrics, quantity take-offs, inroads modeling, permanent striping and signing, and construction signing. Also assisted in the development of construction cost estimates and final right-of-way maps.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



James P. Ledet, PE, F. ACEC
Quality Control Engineer

Years of relevant experience with this employer	2
Years of relevant experience with other employer(s)	44

Degree(s) / Years / Specialization			Bachelor of Science/1982/Civil Engineering
Active registration number / state / expiration date			22428/LA/03-31-2026
Year registered	1986	**Discipline**	PE/Civil Engineering
Contract role(s) / brief description of responsibilities			Roadway Design Quality Control Manager

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/24 – Ongoing	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Quality Control Engineer. Responsible for QC reviews of roadway design elements including H&V alignments, roundabout and j-turn geometrics and drainage design for the widening of an existing roadway from 2-lane to 4-lane with a divided median and two multi-lane roundabouts.
05/15 – 08/17 *(previous employer)*	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Senior Supervising Engineer. Supervision and oversight of topographic survey, right-of-way mapping and roadway design services including QC of hydraulic analysis, r-cut and j-turn geometrics, construction phasing and supervision of plan production for the new **5.5-mile, four-lane RA-3 road** from LA 435 to Bush, LA.
10/09 – 11/17 *(previous employer)*	**07-EXT-22, Bayou Gardens Blvd. Extension (LA 660 to LA 316), Terrebonne Parish, LA (Terrebonne Parish)** – Supervising Engineer. Responsible for the oversight of the topographic survey, right-of-way mapping, roadway design and bridge design for a new **1.6-mile, 2-lane, urban arterial roadway extension** in Houma, LA. Also responsible for review of all major road design elements including horizontal and vertical alignments, roadway and intersection geometrics, major cross drain and storm drain design, graphical grades, joint layouts, superelevation calculation and project quantities. Oversaw plan production and provided bidding and construction support for the project.
08/24 – Ongoing	**S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD)** – Quality Control Engineer. Responsible QC reviews of roadway design elements including H&V alignments, roundabout geometrics, J-turn intersection geometrics and existing and design drainage maps for a multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway in Gonzales, LA.
07/22 – Ongoing	**S.P. H.015333, H.015404, H.015407 – Tangipahoa IIJA Bridge Replacements, Tangipahoa Parish, LA (LADOTD) –** Quality Control Engineer. Responsible for QC reviews of roadway and bridge design including bridge TS&L, bridge hydraulics and scour analysis, roadway and bridge H&V geometry, reviewed roadway and bridge plans and bridge details, review calculations for the replacement of 4 bridge sites Parish-wide in Tangipahoa with reinforced concrete slab spans and reinforced concrete box culverts.
1994 – 1997 *(previous employer)*	**S.P. 413-01-0011, Hollywood Rd./LA 311 Intersection Improvements/Bridge Replacement, Terrebonne Parish, LA (LADOTD)** – Engineer of Record/Project Manager. Responsible for design of roadway, hydraulics, utility relocations drainage improvements, intersection geometry, permanent striping and signing, construction phasing, bulkheads and bridge design services for intersection improvement and Off-System bridge replacement project.

16. Staff Experience:

11/99 – 01/01 *(previous employer)*	**S.P. 742-07-0019, Bayou Gardens Blvd. Widening: LA 659 to Alma St., Terrebonne Parish, LA (LADOTD)** – Engineer of Record/Project Manager. Responsible for topographic surveying, roadway design including geometrics and intersection improvements and subsurface drainage design for the one-mile UA-2 widening project.
02/05 – 05/08 *(previous employer)*	**S.P. 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD)** – Engineer of Record. Responsible for all roadway design aspects including and subsurface drainage design; construction support and topographic survey for two-mile long UA-2, five-lane widening project.
12/22 – 05/24	**S.P. H.015025, Mclin Road over Darling Creek, St. Helena Parish, LA (LADOTD)** – Quality Control Engineer. Responsible for QC reviews of roadway and bridge design including bridge TS&L, bridge hydraulics and scour analysis, roadway and bridge H&V geometry, reviewed roadway and bridge plans and bridge details, review calculations for the 3-span curved replacement structure. Accelerated design schedule.
11/13 – 11/18 *(previous employer)*	**S.P. H.010557, Lajaunie Road/Lateral 1 Bridge over Bayou St. Clair, Lafayette Parish, LA (LADOTD)** – Senior Professional/QA/QC. Supervision of topographic surveying and engineering design including roadway and bridge design for preliminary plans of the 80' RC Slab and quad-beam, superelevated, curved Off-System bridge structure including roadway upgrades to RL-3 criteria.
04/23 – Ongoing	**Bridges Near Amite, Tangipahoa Parish, LA (Tangipahoa Parish)** – Quality Control Engineer. Responsible for QC reviews of hydraulics and bridge design including bridge TS&L of alternatives including RC slabs and RCB's, bridge hydraulics and scour analysis, bridge H&V geometry, review calculations and plan production/details, urban drainage design, for the replacement of three (3) bridge structures within Amite City, LA.
12/22 – Ongoing	**S.P. H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD)** – Quality Control Engineer. Responsible for QC reviews of roadway and bridge design including bridge TS&L, bridge hydraulics and scour analysis, roadway and bridge H&V geometry, reviewed roadway and bridge plans and bridge details, review calculations for the replacement structure using special 25' spans, special bents and cantilevered sidewalks for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.
11/10 – 06/14 *(previous employer)*	**S.P. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD)** – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, utility relocations, bulkheads and drainage, and bridge design including special RC slabs, curved spans, special bents and rail elements, oversight of construction support and shop drawing review for the 183' long Urban bridge replacement.
1997 - 2011 *(previous employer)*	**S.P. 713-55-0100, St. Ann Bridge Replacement, Terrebonne Parish, LA (LADOTD)** – Engineer of Record. Responsible for topographic surveying and all roadway design aspects, bridge design and approaches for the Off-System moveable bridge replacement with a single-leaf, bascule span bridge.
1994 – 1995 *(previous employer)*	**S.P. 742-05-0042, Combon Bridge and Approaches, Terrebonne Parish, LA (LADOTD)** – Project Manager. Responsible for EIS document and design supervision of the Off-System 100 Ft. vertical lift span across Grand Caillou including roadway approaches and shop drawing reviews during construction.
1985 – 1991 *(previous employer)*	**S.P. 700-26-100, Off-System Bridge Replacement Program, Lafourche Parish, LA (LADOTD)** – Engineer of Record/ Project Manager. Responsible for engineering design services for the replacement of four (4) Off-System bridges and associated roadway approaches: S.P. 713-46-98, Parish Road 16 (Choctaw Road) over St. James Canal; S.P. 713-53-93, Parish Road 18 (60 Arpent Road) over Bayou Boudreaux; S.P. 713-53-94, Parish Road 11 (Lepine Rd. #1) over unnamed canal; and S.P. 713-53-92 Parish Road 579 (Hamilton Road) over 40 Arpent Canal.
1984 – 1986 *(previous employer)*	**S.P. 855-14-08 & 65-90-23, LA 3087: Bridge over Bayou Terrebonne at East Street, Terrebonne Parish, LA (LADOTD)** – Project Manager. Responsible for the roadway and bridge design services to retrofit the existing Prospect Street bridge to be relocated to construct a vertical lift bridge at East Street, and associated intersection improvements at LA 24 and LA 659.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Luke Bourg
Senior Technician

Years of relevant experience with this employer	1.5
Years of relevant experience with other employer(s)	15

Degree(s) / Years / Specialization			Associate of Applied Science/Drafting and Design/2008
Active registration number / state / expiration date			N/A
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Roadway Design - Sr. Design Technician

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/18 – 03/22 *(previous employer)*	**S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) –** Sr. Project Technician. Responsible for bridge plan development, Microstation drafting and Inroads modeling, preparation of plan/profile, typical sections, cross sections, geometric layouts and details. Prepared bridge plans including span and bent details, footing details, LG girder details, framing plans, GPE, typical sections, approach slabs, retaining walls, foundation plan, pile layouts, bridge elevations schedule, girder data and camber tables and developed bridge quantities for an Urban 1,485 foot long **LG 54/LG36 bridge along the 1 mile for the 5-lane widening** section in Covington, LA.
03/24 – Ongoing	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Sr. Project Technician. Responsible for the creation and development of all plan sheets including typical section, plan & profiles, geometric layout sheets, tbm sheets. Also responsible for autoturning movements and inroads modeling for the widening of LA 3127 from 2-lanes to 4-lanes including two multi-lane roundabouts and multiple J-turn and R-cut intersections.
09/16 – 08/21 *(previous employer)*	**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Sr. Project Technician. Responsible for roadway and bridge plan development, Microstation drafting for the 4-mile widening of I-12 near Covington, LA including four (4) bridge structures, prepared bridge typical sections, GPE, span and bent details, AASHTO Type III girder details, framing plans, foundation plans, approach slab details, miscellaneous details, foundation and pile layouts, girder data and camber tables, developed bridge quantities, barrier details. Design was completed under an accelerated project schedule.
02/20 – 10/22 *(previous employer)*	**S.P. H.012812 US 190 at Northshore and Camp Villere, LADOTD, St. Tammany Parish, LA** – Senior Project Technician. Assisted in the development of Preliminary and Final Plans of a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. in Slidell, LA. Assisted in the creation of several plan sheets including typical sections, plan/profile sheets, geometric layouts and suggested sequence of construction.
07/20 – 06/22 *(previous employer)*	**Contract No. 44-17598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 –** Senior Project Technician. Assisted in the development of bridge plans, Microstation drafting and technician tasks associated with the replacement of 47 bridges throughout Districts 04, 05, 08 and 58. Responsible for the creation of plan sheets such as typical sections, plan and profile sheets, geometric layouts, cross sections, general plan and elevation sheets, foundation layout sheet, pile data & elevation tables, superstructure details and substructure details. Also responsible for template creation, corridor modeling and earthwork quantity determination of several of the **47 bridge sites included in this project**. Also responsible for the creation of all environmental exhibits to be used for SOV Packages, Wetland Delineations Reports, CE Documents and Permit Applications.
03/16 – 12/18 *(previous employer)*	**S.P. No. H.011670, I-10/Loyola Interchange Improvement, LADOTD, Jefferson Parish, LA** – Project Technician. Prepared permit drawings for the selected alternation (4-level stack, directional interchange) including vicinity maps, plan and profiles, cross sections, calculated material quantities for USACE, Levee Board, FAA and LADNR permitting. He also assisted in the drafting and development of the Line and Grade Plan & Profile Sheets and Typical Roadway and Bridge Sections for all surface and interchange ramps associated with all alternate alignments for the I10 and Loyola Interchange.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Miles Loker, E.I.
Engineer Intern

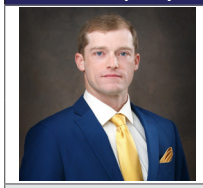
Years of relevant experience with this employer	>1
Years of relevant experience with other employer(s)	2

Degree(s) / Years / Specialization			Bachelor of Science/2024/Civil Engineering
Active registration number / state / expiration date			EI 35876/LA/03-31-2025
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Roadway Design - Engineer Intern

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/24 – Ongoing	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Engineer Intern. Assisted with layout of roundabout geometrics as well as creation and development of several plan sheets including typical sections, plan & profiles, geometric layout sheets and tbm sheets for the widening of LA 3127 from 2-lanes to 4-lanes including two multi-lane roundabouts and multiple j-turn intersections.
05/22 – 03/24 *(previous employer)*	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2) (40 bridge structures), LADOTD, Districts 04 and 05** – Project Technician. Assisted with the development of several plan sheets including typical sections, plan & profiles, sequence of construction, embankment widening and guard rail layout, summary sheets, summary of drainage structures, temporary erosion control and cross sections for the **replacement of 40 structures** in northern LA. Also assisted with the creation and development of permit drawings to be used in obtaining environmental clearance.
05/24 – Ongoing	**EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish)** – Engineer Intern. Assisted with the development of several roadway and bridge plan sheets including plan & profile sheets, geometric layouts, summary of drainage sheets, phased construction sheets, general plan & elevation, foundation layout and cross sections for replacement of the existing 4-span bridge near Covington, LA. Also responsible for the development of quantity calculations and summary tables.
06/24 – Ongoing	**Brownswitch Rd. Bridge, Slidell, LA (St. Tammany Parish)** – Engineer Intern. Responsible for the review of the topographic survey and roadway design elements including H&V alignments, roadside ditch design, and hydraulic modeling in Geo-HECRAS for the replacement of a single span bridge along Brownswitch Rd. in Slidell, LA.
05/24 – Ongoing	**S.P. H.015333, H.015404, H.015407 – Tangipahoa IIJA Bridge Replacements, Tangipahoa Parish, LA (LADOTD)** – Engineer Intern. Assisted with the preparation of Final Plans for four (4) bridge replacement structures throughout Tangipahoa Parish. Responsible for the creation of temporary erosion control sheets, permanent marking layouts and summary of drainage structure sheets. Also assisted with development of project quantities and summary tables.
04/24 – Ongoing	**S.P. H.015334 – 9th St. Bridge over St. Louis Canal, Terrebonne Parish, LA (LADOTD)** – Engineer Intern. Responsible for the creation and development of Preliminary Plans including typical sections, plan & profile sheets, sequence of construction, detail of detour, gp&e and foundation layout for the replacement of a 3-span bridge in Houma, LA.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



Matthew J. Ledet, PLS
Survey Manager

Years of relevant experience with this employer	3
Years of relevant experience with other employer(s)	17

Degree(s) / Years / Specialization			Bachelor of Science/2008/Manufacturing Engineering Technology Bachelor of Science/2010/Geomatics
Active registration number / state / expiration date			5104/LA/9-30-2026
Year registered	2014	**Discipline**	PLS/Surveying
Contract role(s) / brief description of responsibilities			Survey Manager - Matt's experience fulfills **MPR #4.**

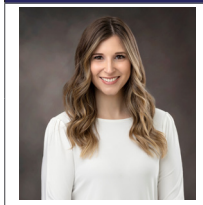
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/22 – 02/23	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish) –** Lead/Surveyor of Record. Led topographic survey, performed and reviewed data processing and corrections, performed digital leveling of control monuments, coordinated survey field crews for the **topographic surveys of 4.5 miles of roadway widening** with a 350' wide .DTM in accordance with LADOTD survey standards using Microstation/Inroads and CAD conform including GPS control establishment and SUE locates. Oversaw preparation of control and topo survey deliverables.
08/22 – 05/24	**St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish)** – Lead/Surveyor of Record. Led topographic survey, performed data processing, coordinated with field crews and responsible for establishment of GPS control of over 11 miles of roadway rehabilitation projects throughout St. James Parish.
04/14 – 12/18 *(previous employer)*	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) –** Lead/Surveyor of Record. Led topographic survey, performed data processing and corrections, coordinated survey field crews for the **topographic surveys of 5.5 miles of virgin, wooded, greenfield terrain** with a 300' wide .DTM, including control densification and SUE locates. Prepared all topo survey deliverables. Performed property surveys and created 60% Base and Final R/W maps including 101 parcels for the **5.5-mile, four-lane, new corridor** roadway from Talisheek to Bush, LA.
02/18 – 12/18 *(previous employer)*	**ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government)** – Lead/Surveyor of Record. Led topographic survey, performed and reviewed data processing and corrections, digital leveling of control monuments, coordinated survey field crews for the **topographic surveys of 6.8 miles of virgin, wooded, greenfield terrain** with a 350' wide .DTM in accordance with LADOTD survey standards using Microstation/Inroads and CAD conform including GPS control establishment and SUE locates. Performed title take offs, property surveys, prepared base right of way maps including 12 parcels for the 6.8-mile roadway extension project including several bridge sites.
03/22 – 07/22	**S.P. H.015333, H.015404, H.015407 – Tangipahoa IIJA Bridge Replacements, Tangipahoa Parish, LA (LADOTD)** – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, data processing, existing drainage maps, GPS control establishment and digital leveling for the replacement of 5 bridge sites Parish-wide in Tangipahoa with RC Slab spans and RCB's.

16. Staff Experience:

05/24 – 09/24	**LA 1256 at Carlyss Dr., Calcasieu Parish, LA (Calcasieu Parish Government) -** Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, structures, utilities, and storm drainage systems along LA 1256 and Carlyss Dr. just outside the city of Sulphur for the design of intersection improvements including turn lanes and shoulders, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
08/22 – 10/24	**S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)** - Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
01/24 – 03/24	**Oak Harbor Blvd. / Landmark Dr. Intersection, (St. Tammany Parish Government)** - Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along Oak Harbor Blvd. and Landmark Dr. in Slidell for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
04/16 – 08/21 *(previous employer)*	**S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD)** – Surveyor of Record, Lead Surveyor. Led topographic survey effort for the 2.7-mile rural safety widening project including control establishment, topographic surveys, and property surveys. Performed field reconnaissance, prepared survey field crew packs, processed data and prepared deliverables. Prepared base and Final Right of Way Maps including 9 parcels.
04/23 – 08/23	**Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish)** – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, data processing, existing drainage maps, GPS control establishment and digital leveling, prepared LADOTD topo survey deliverables using Microstation, Inroads and Cad Conform for the replacement of five (5) bridge structures within Amite City and Independence, LA. Also responsible for the creation and development of property maps and 60% Base Right-of-Way Maps for all 5 sites.
03/13 – 05/13 *(previous employer)*	**Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA** – Project Surveyor. Responsible for the coordination of field crews, control establishment and data processing of the topographic surveys associated with 7 miles of pavement preservation, rehabilitation and reconstruction throughout Lafourche Parish.
07/19 – 09/19 *(previous employer)*	**Degravelle Road Improvements, St. Mary Parish Government, St. Mary Parish, LA** – Lead Surveyor. Led topographic survey effort including control establishment, topographic field surveys and data processing of 6 roadways in Amelia, LA that were a part of a pavement preservation, rehabilitation and reconstruction project.
03/23 – 07/23	**LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government)** - Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridges and storm drainage systems along LA 44 and LA 621 in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
10/17 – 12/18 *(previous employer)*	**MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish)** – Project Surveyor/Surveyor of Record. Led the topographic survey effort of the existing roadway, bridge, utilities and drainage systems as well as performed title take offs, property surveys, and prepared 60% Base and Final Right-of-Way Maps including 68 parcels for the 1.5-mile road widening project.
05/20 – 12/21 *(previous employer)*	**Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD)** – Lead Surveyor/ Surveyor of Record. Led survey effort including GPS control establishment, topographic surveys, data processing, deliverable preparation, property surveys and Right of Way Mapping for the replacement of 47 bridge structures in northern Louisiana containing nine (9) Off-System Bridges.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



Kelly G. Jones
Senior Technician

Years of relevant experience with this employer	2
Years of relevant experience with other employer(s)	3

Degree(s) / Years / Specialization			Bachelor of Arts/2012/Mathematics & English
Active registration number / state / expiration date			N/A
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Sr. Technician – Survey

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/22 – 02/23	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Project Technician. Processed survey data and prepared survey deliverables for the survey of 4.5 miles of roadway widening with a 350' wide .DTM, utilities, prepared GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables in Microstation, Inroads and CAD Conform.
08/22 – 10/24	**S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) -** Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales, LA for the design of a multi-lane roundabout, prepared GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.
05/24 – 09/24	**LA 1256 at Carlyss Dr., Calcasieu Parish, LA (Calcasieu Parish Government) -** Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, structures, utilities, and storm drainage systems along LA 1256 and Carlyss Dr. just outside the city of Sulphur for the design of intersection improvements including turn lanes and shoulders, prepared GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.
08/22 – Ongoing	**St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish) –** Project Technician. Processed survey data, created survey alignments and assisted with plan preparation for over 11 miles of pavement preservation, rehabilitation and reconstruction projects throughout St. James Parish.
01/24 – 03/24	**Oak Harbor Blvd. / Landmark Dr. Intersection, (St. Tammany Parish Government)** - Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, structures, utilities, and storm drainage systems along Oak Harbor Blvd. and Landmark Dr. in Slidell for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
03/23 – 07/23	**LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government)** - Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and LA 621 in Gonzales, LA for the design of a multi-lane roundabout, GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Dakotah "Kody" Holley
Survey Party Chief

Years of relevant experience with this employer	2
Years of relevant experience with other employer(s)	4

Degree(s) / Years / Specialization			High School Diploma/2017
Active registration number / state / expiration date			N/A
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Survey Party Chief

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/22 – 01/23	**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Party Chief. Performed GPS static control establishment, 8 miles of digital levels, field topographic surveys of the existing roadway, utilities, SUE locates, drainage and other features, survey for existing drainage map features for the survey of 4.5 miles of roadway widening with a 350' wide .DTM, using LADOTD codes and procedures.
03/23 – Ongoing	**St. James Parish Road Improvements (FY2023 – FY2024), St. James Parish, LA (St. James Parish)** – Party Chief. Performed GPS control establishment and field topographic surveys of approximately 7 miles of roadways, driveways, utilities and roadside drainage features in St. James Parish, LA.
05/24 – 09/24	**LA 1256 at Carlyss Dr., Calcasieu Parish, LA (Calcasieu Parish Government)** - Party Chief. Performed GPS static control establishment, digital levels, field topographic surveys of the existing roadway, utilities, SUE locates, drainage and other features, survey for property maps for intersection improvements with a 250' wide .DTM, using LADOTD codes and procedures.
08/22 – 10/24	**S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)** – Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of the existing roadway, sidewalks, utilities, bridges and other features, with a 10' wide full .DTM survey using LADOTD codes and procedures.
01/24 – 03/24	**Oak Harbor Blvd. / Landmark Dr. Intersection, (St. Tammany Parish Government)** – Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of the existing roadway, sidewalks, utilities, bridges and other features, with a 150' wide full .DTM survey using LADOTD codes and procedures.
06/24 – 07/24	**Lutcher Road Program, St. James Parish, LA (Town of Lutcher)** – Party Chief. Performed GPS control establishment and field topographic surveys of 5 roadways, driveways, concrete curb and gutter, utilities and roadside drainage features in Lutcher, LA.
05/23 – 08/23	**Bridges Near Amite, Tangipahoa Parish, LA (Tangipahoa Parish)** – Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of five (5) existing bridge sites, property surveys, survey of existing roadway, sidewalks, utilities, bridges and other features, with a 140' wide full .DTM survey at each site using LADOTD codes and procedures.
03/23 – 07/23	**LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government)** - Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of the existing roadway, sidewalks, utilities, bridges and other features, with a 180' wide full .DTM survey using LADOTD codes and procedures.

16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

Joseph C. Maurin
Survey Party Chief

Years of relevant experience with this employer	<1
Years of relevant experience with other employer(s)	5.5

Degree(s) / Years / Specialization			High School Diploma/2017
Active registration number / state / expiration date			N/A
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Survey Party Chief

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/24 – Ongoing	**St. James Parish Road Improvements (FY2023 – FY2024), St. James Parish, LA (St. James Parish)** – Party Chief. Performed GPS control establishment and field topographic surveys of approximately 7 miles of roadways, driveways, utilities and roadside drainage features in St. James Parish, LA.
05/24 – 09/24	**LA 1256 at Carlyss Dr., Calcasieu Parish, LA (Calcasieu Parish Government)** - Party Chief. Performed GPS static control establishment, digital levels, field topographic surveys of the existing roadway, utilities, SUE locates, drainage and other features, survey for property maps for intersection improvements with a 250' wide .DTM, using LADOTD codes and procedures.
05/24 – 10/24	**S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)** – Party Chief. Performed GPS topographic surveys of the existing drainage features for use in construction of drainage maps using LADOTD codes and procedures.
05/24 – 06/24	**S.P. H.015334, 9th St. Bridge over St. Louis Canal, Terrebonne Parish, LA (LADOTD)** - Survey Party Chief. Performed GPS and conventional property surveys for Right of Way maps including 6 parcels for the bridge replacement project in Houma, LA.
06/24 – 07/24	**Lutcher Road Program, St. James Parish, LA (Town of Lutcher)** – Party Chief. Performed GPS control establishment and field topographic surveys of 5 roadways, driveways, concrete curb and gutter, utilities and roadside drainage features in Lutcher, LA.
7/24 – 09/24	**Brownswitch Rd. Bridge Replacement, St. Tammany Parish (St. Tammany Parish Government)** – Survey Party Chief. Performed GPS static control surveys, digital levels, topographic surveys and property surveys for Right of Way maps including 6 parcels for the bridge replacement and detour project near Slidell, LA.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**			
Nick Ferlito, Jr, PE, PTOE Senior Vice President / Louisiana Area Manager		**Years of relevant experience with this employer**	29
		Years of relevant experience with other employer(s)	3

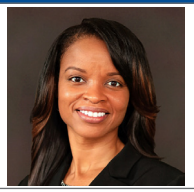
Degree(s) / Years / Specialization			BS/1993/Civil Engineering; MS/1996/Civil Engineering
Active registration number / state / expiration date			28001/LA/09-30-2025; PTOE No. 930
Year registered	2008	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Principal - **Meets MPR #5**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 32	Nick joined Neel-Schaffer in 1996. He is a Senior Vice President and serves as Louisiana Area Manager, overseeing all responsibilities for the state. He has more than 30 years of experience managing a wide range of traffic and transportation projects. He has served as a project manager for many intersection/ corridor signal timing studies, signal design projects, safety studies and other traffic engineering related projects for public and private projects. Nick is experienced with numerous traffic engineering software packages, including HCS, CORSIM, SYNCHRO, Tru-Traffic (TSPPDraft), and SIDRA. He also completed the Naztec TS1/TS2 Controller 2-Day training course. He has also completed the NEPA and Transportation Decision Making course (2004), the Highway Safety Manual Workshop (2011) as well as LADOTD's Traffic Engineering Process and Report (TEPR) training. He has also served as the project manager and lead traffic engineering for the following IDIQ contracts with the Louisiana Department of Transportation and Development: IDIQ for Roadway Design; IDIQ Contract 44-01583 for Safety Studies Statewide; IDIQ Contract 44-04402 for Safety Studies Statewide; IDIQ Contract 44-10504 for Safety Studies Statewide; IDIQ Contract 44-08851 for Traffic Signal Engineering; IDIQ Contract 44-04712 for Traffic Engineering; IDIQ Contract 44-04064 for Traffic Engineering; IDIQ Contract 44-01777 Signal Timing Studies; IDIQ Contract 44-04712 Traffic Signal Engineering
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

16. Staff Experience:

01/20 – Present	**I-20: LA 544 Overpass Replacement**: TMP and traffic analysis QA/QC. Preliminary and final design services for this project which 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 a roundabout interchange with two roundabouts on a 3% longitudinal grade & partially on bridge. Includes a level 2 TMP
02/15 – 12/17	**US 51 (W University to I-55) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1)**: Includes analysis of eight roundabout geometry intersections. Traffic Engineer assisted with Corridor Operational Analyses
01/15 – 06/15	**LA 3002, 16 & 1034 Corridor Study Phase 2 (Contract No. 4400004064, T.O. No. H.011645.1)**: Traffic Engineer responsible for data collection and traffic signal analysis.
01/14 – 03/16	**LA 73 Corridor Study (LA 74 to LA 621) Stage 0 Feasibility Study (Contract No. 4400003362, T.O. No. H.011160.1)**: Traffic Engineer responsible for data collection, warrant analysis, corridor operational analyses (Synchro and Sidra), Stage 0 traffic report preparation
01/14 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1)**: Traffic Engineer responsible for data collection, corridor traffic operational analysis (Synchro and Sidra), calibrated Vissim modeling, Stage 0 Traffic Report
07/16 – Present	**I-49 South at Verot School Road, Lafayette, LA**: Performed Traffic QA/QC on the preparation of a Level 3 TMP and design of temporary and permanent traffic signals. Includes a multilane Roundabout
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA**: Project Manager for Interchange Modification Report, TMP, and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD's TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies.
08/20 – Present	**College Drive Enhancement Project (Perkins Road to I-10), Baton Rouge, LA:** Project Manager for the Traffic Study component for the study of the College Drive corridor. The Traffic Study is being prepared in accordance with DOTD's 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.
12/19 – Present	**US 80 Feasibility Study, Haughton, LA**: 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.
06/17 – 09/18	**I-10 New Orleans Master Plan, Port Access Improvements:** 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. Project Manager. Includes roundabout alternatives.
11/16 – 08/19	**LA 385 Feasibility Study, Lake Charles, LA:** 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. Includes Multilane Roundabouts
02/16 – 04/18	**LA 22 Corridor Study, Rou Mar Nei Drive to 1st Street, Ponchatoula, LA:** Project Manager for a traffic study to evaluate corridor improvements along LA 22 as well as interchange concepts at I-55. A TIER analysis was performed 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 – 04/18	**LA 384 Stage 0 Traffic & Safety Study, Lake Charles, LA:** Project Manager for traffic and safety study for LA 384 (Country Club Road) from Big Lake Road to McNeese Street. Includes Multilane Roundabouts

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**			
Dishili Young, PE, PTOE Vice President / Engineering Manager		**Years of relevant experience with this employer**	7
		Years of relevant experience with other employer(s)	15

Degree(s) / Years / Specialization			BS/2002/Civil Engineering; MS/2018/Civil Engineering
Active registration number / state / expiration date			33723/LA/09-30-2026
Year registered	2008	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Project Manager

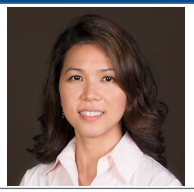
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 22	Dishili offers over 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, including roundabout interchanges, road design projects, including multilane roundabouts, drainage projects, H&H Studies, environmental studies and feasibility studies. Her Continuing Education is documented as follows: Transportation Safety Systems (Highway Safety Manual Graduate Course), Auburn University, 2016: ATSSA Traffic Control Supervisor Training Course, Baton Rouge, 2015; ATSSA Traffic Control Technician Training Course, Baton Rouge, 2015: FHWA Highway Safety Manual Workshop, Baton Rouge, 2014; Roadside Safety Design by the Federal Highway Administration and National Highway Institute, LTRC, 2010; Urban Street Design, University of Wisconsin, Madison,; Open Channel Design, University of Wisconsin, Madison; Comprehensive Culvert Design, University of Wisconsin; Maintaining Asphalt Pavements, University of Wisconsin; Using HEC-RAS to compute water surface profiles for floodplains, bridge and culvert hydraulics, University of Wisconsin; DOTD's Traffic Engineering Process and Report (TEPR) training
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

16. Staff Experience:

04/18 – 04/20	**LA 328 (Rees Street) Corridor Study and Plan:** Project includes improving La. Hwy. 328/Rees Street from Latiolais Road to E Bridge Street including considering the impacts of the proposed E Mills Ave extension LA 328 to Doyle Melancon Ext. roadway and outreach
04/23 – Present	**Jimmie Davis Design Build:** This project will construct a new 4-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a 4-lane median divided roadway with turn lanes, and construct full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway. She assisted with design-related tasks. Managed the roadway drainage design, and managed the scour analysis, attends team technical meetings and meetings with DOTD. Provided QA/QC. She also assisted with the proposal preparation, attended one-on-one meetings, and assisted with technical writing for the proposal
01/20 – Present	**I-20: LA 544 Overpass Replacement:** Managing the preliminary and final design services for this project. 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 a roundabout interchange with two roundabouts on a 3% longitudinal grade & partially on bridge. Includes a level 2 TMP
04/18 – Present	**I-49 South at Verot School Road:** Managing the design services for the interstate design and service road design (drainage, preliminary and final road de- sign and TMP). This project will construct 2.4 miles of mainline freeway, bridges and an interchange at the intersection of I-49 South/US 90 and Verot School Road. 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 level 3 TMP. Includes a multilane roundabout
09/18 – 12/18	**I-20 at 220 Interchange Improvement & BAFB Design-Build 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.
08/17 – 03/19	**Juban Road Widening:** Served as the engineer of record and managed the completion of the roadway and drainage design services for this project which will widen LA 1026 (Juban Rd.), construct three multilane roundabouts and two new frontage access roadways, with storm drainage sewer systems.
08/17 – Present	**Mandeville Bypass, Mandeville, LA:** This project will provide a new 3 Mile median divided roadway with an integral bike path connecting LA 1088 near its interchange with I-12 and US 190 near Fontainebleau Park. It will construct five roundabouts and multiple entrances to Pelican Park. Ms. Young is managing the roadway design services. Includes multiple multilane roundabouts.
02/10 – 12/11	**I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 74) for LA DOTD:** Served as Engineer and managed portions of 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 roadway design, Ms. Young completed the H&H analysis and scour analysis for Wards Creek Bridge. She also assisted with drainage design along the interstate corridor.
01/09 – 11/11	**I-12 Widening Design-Build (O'Neal Ln. to Pete's Hwy):** 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 Amite River as well as drainage design along the interstate corridor.
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 were completed in accordance with LADOTD guidelines
12/22 – Present	**LA 89 @ Guillot Rd Improvements:** Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Preliminary and Final Road Design
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA:** This project provides a new two-lane connector roadway with drainage between Chemin Metairie Parkway & LA 89. Includes multilane roundabouts in final design stage

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Mai Nguyen, PE Roadway Design Engineer		**Years of relevant experience with this employer**	10
		Years of relevant experience with other employer(s)	7

Degree(s) / Years / Specialization			BS/2008/Civil Engineering
Active registration number / state / expiration date			38189/LA/03-31-2026
Year registered	2013	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Road Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 17	Ms. Nguyen has over 15 years of experience as a Roadway Design Engineer and 7 of these years consists of working as a roadway designer for LADOTD. Her career has included the design, plan development and construction engineering support of a variety of roadway, railroad, bridge and sidewalk projects throughout the state. She has design experience in complex projects such as interstate interchanges, interstate widening, multi-lane roundabout, interstate overpass replacements, multiple bridge replacements, and alternative intersection designs. Ms. Nguyen has completed countless concept layouts of interchange, multi-lane roundabouts, and unconventional intersections for various engineering reports. She is experienced with project permitting, construction proposal, utility coordination and working with Contractors and LADOTD Engineers to ensure the project is constructed according to plans and applicable guidelines.
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.
08/14 – 05/19	**Juban Road (LA1026) Widening for Livingston Parish Government in Livingston, LA (SPNH.004634.5):** Final design for reconstruction of Juban Rd as a four-lane median divided roadway with multilane roundabouts intersections. Completed vertical and horizontal alignments, modeled the project with Bentley software, assisted with drainage design and preparation of plans. This project includes paths and bike lanes.

16. Staff Experience:

01/20 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:** Ms. Nguyen is responsible for developing roadway plans in accordance with LADOTD design guidelines. This project includes four multi-lane 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. Ms. Nguyen will be responsible for geometric layouts, modeling, sequence of construction, estimated quantities, and project cost estimates. Includes bike and/or pedestrian improvements.
11/19 – Present	**IDIQ Contract for Design of Safety Projects:** The task orders under this project are as follows (see project profile for full description): 1.) Local Road Signing (Vermilion) (SPN. H.013014); 2.) Independence SRTS – Phase II (SPN. H.010108.1); 3.)LRSP (Iberia Parish and City of N.I.) (SPN. H.013770); 4.) LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1); 5.) W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621); 6.) LRSP Signs, Striping and X–Overs (Gonzales) (SPN. H.013621.1); 7). Downtown Greenway LA Connector (BR) (SPN. H.013751); 8.) LSU Laboratory School SRTS Project (SPR. H.009290); 9.) Local Road Signing (Ascension) (SPN. H.015011); 10.) FYA Signal Improvements (SPN H.014579); and 11.) LSRP Ardenwood Dr. Road Diet (East Baton Rouge) (SPN H.013622). Includes bike and/or pedestrian improvements.
9/22 – Present	**E. Milton Ave Improvements, Lafayette Parish, LA:** This project will widen an existing Roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi-lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. This project includes curb and gutter with sidewalks. Ms. Nguyen is providing design support and assisting with plan production. Established design criteria, typical roadway sections, horizontal and vertical geometry, ID structure locations and more. Ms. Nguyen is working on the roadway preliminary and finals plans.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724):** This project will construct a roundabout and required drainage improvements. Completed the horizontal and vertical alignments (line and grade). Preliminary plans completed. Final design ongoing.
12/22 – Present	**LA 89 @ Guillot Rd Improvements:** Existing drainage determination, proposed drainage design and plan preparation.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA:** This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Ms. Nguyen is working on the roadway design for the City of Youngsville. Project includes preliminary and final plans.
1/11 – 1/14	**LA 447 Corridor Study, Walker, LA (LA 16 to US 190) (S.P. No. 701-65-1534):** A corridor study to evaluate corridor improvements along LA 447 between LA 16 and burgess Ave. Project included the interchange at I-12.
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.
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, bridges, and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Work includes a major bridge design and a roundabout at the relocated intersection of Verot Rd and South Collage Rd. NSI is designing the interstate mainline and frontage roadways (drainage, preliminary and final road design and TMP) as well as the drainage along these corridors. NSI is also completing the traffic design.
11/15 – 07/20	**Southcity Parkway Extension - Lafayette, LA:** This project will construct a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. It includes three multilane roundabout intersections and new bridge design. The roadway and drainage design are being completed in conformance with LADOTD guidelines. NSI provided public outreach, environmental, road design (preliminary and final plans)and traffic services.
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 geometry intersections. Project Engineer responsible for line and grade geometric alternatives and cost estimates supporting the study.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

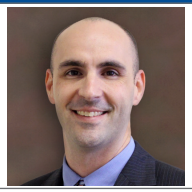
Chance Shuckrow, PE Project Engineer		**Years of relevant experience with this employer**	11
		Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			BS/2014/Civil Engineering
Active registration number / state / expiration date			42746/LA/03-31-2025
Year registered	2018	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Road Design and 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 years of experience specified in the applicable MPR(s).
Total Years of Experience: 11	Mr. Shuckrow joined Neel-Schaffer in of 2014 and has 10 years of experience in the design of roadways, freeways, signalized and roundabout geometry intersections. Based in the firm's Baton Rouge (LA) office, Chance has worked in the design of drainage, horizontal and vertical profiles, and corridors. He has also worked in cost estimating of projects and in the preparation of roadway design plans.
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.
11/19 – Present	**IDIQ Contract for Design of Safety Projects (Districts 02, 61 & 62):** The task orders under this project are as follows (see project profile for full description): 1.) Local Road Signing (Vermilion) (SPN. H.013014); 2.) Independence SRTS – Phase II (SPN. H.010108.1); 3.)LRSP (Iberia Parish and City of N.I.) (SPN. H.013770); 4.) LA 60: Bogalusa H.S. Ped Improvements (SPN. H.013713.1); 5.) W. 11th Avenue Ped and Bicycle Improvement (SPN. H.013621); 6.) LRSP Signs, Striping and X-Overs (Gonzales) (SPN. H.013621.1); 7). Downtown Greenway LA Connector (BR) (SPN. H.013751); 8.) LSU Laboratory School SRTS Project (SPR. H.009290); 9.) Local Road Signing (Ascension) (SPN. H.015011); 10.) FYA Signal Improvements (SPN H.014579); and 11.) LSRP Ardenwood Dr. Road Diet (East Baton Rouge) (SPN H.013622) See project profiles for more details.

16. Staff Experience:	
09/20 – Present	**H.011280.1: LA 10 Stage 0 Phase 2, Washington Parish, LA:** This project considers multiple alternatives along a 5.5 mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Mr. Shuckrow will provide roadway support and help with the cost estimate.
04/23 – Present	**Jimmie Davis Design Build:** This project will construct a new 4-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a 4-lane median divided roadway with turn lanes, and construct full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway. She assisted with design-related tasks. Managed the roadway drainage design, and managed the scour analysis, attends team technical meetings and meetings with DOTD. Provided QA/QC. She also assisted with the proposal preparation, attended one-on-one meetings, and assisted with the technical writing for the proposal.
12/22 – Present	**LA 89 @ Guillot Rd Improvements:** Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Included tasks similar to a line and grade, preliminary and final design included.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA:** This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Project includes preliminary and finals plans.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724):** This project will construct a roundabout and require drainage improvements. Includes roundabout. Design services. Preliminary plans completed. Final design ongoing.
09/20 – Present	**H.011280.1: LA 10 Stage 0 Phase 2, Washington Parish, LA:** This project considers multiple alternatives along a 5.5 mile portion of LA 10. Improvements include roundabouts, additional capacity, access management, couplets and more. Mr. Shuckrow will provide roadway support and help with the cost estimate.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA:** Project Manager for Interchange Modification Report, TMP, and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD's TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies.
11/15 – Present	**Southcity Parkway Extension, Phase 1, Robley Drive to Kaliste Saloom Road, Lafayette Parish, Lafayette Consolidated Government (LCG)**: EA and Final Design. Final Design of 2-mile four lane median divided roadway with 3 multilane roundabout intersections and a major bridge crossing the Vermilion River. Completed the vertical and horizontal alignments, modeled the project with Bentley software and completed the drainage design. Mr. Shuckrow serves as the engineer of record for this project assisting with the roadway design, stage 0 feasibility study and EA. This project includes bike lanes and sidewalks/paths.
03/15 – Present	**St. Martinville Bypass (LA31) Environmental Assessment and Line and Grade Study in St. Martinville, LA (SPNH.004924.5):** Includes five roundabout geometry intersections at connections with state routes. Assisted in geometric design of roadway alternatives and in the development of horizontal and vertical profiles.
06/13 – 09/20	**Stage 0 Feasibility Studies, Modern Roundabouts, SPN: H04490:** Lafayette Metropolitan Area (Retainer) Engineering in support of Stage 0 Scope and Budget Checklist for 24 separate roundabouts. This project focuses on the improvement of traffic flow and safety at each intersection & interchange. Mr. Shuckrow assisted with the review of the roadway design and cost estimates.
11/14 – 04/17	**I-20 @ LA 544 Overpass Replacement, Lincoln Parish, LA:** This project will replace the existing LA 544 bridge crossing and interchange with a new bridge and four roundabouts. Mr. Shuckrow is providing design support. Mr. Shuckrow assisted with the drainage design and provided roadway design support.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**			
Scott Andrepont, PE Project Engineer		**Years of relevant experience with this employer**	16
		Years of relevant experience with other employer(s)	4

Degree(s) / Years / Specialization			BS/2005/Civil Engineering; MS/2007/Civil Engineering
Active registration number / state / expiration date			37107/LA/09-30-2026
Year registered	2012	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Concept Plans and Road Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 20	Mr. Andrepont is a design engineer and has been assigned to a variety of projects which include safety projects, roadway design, drainage design, foundation design and other civil engineering projects. His duties include design and analysis, preparation of construction plans, and specifications. He also has experience providing engineering design support during construction. He is also an ATSSA – Work Zone TCS/ TCT/Flagger.
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.
03/19 – 04/20	**LA 328 (Reese Street) Stage 0:** Mr. Andrepont created the geometry for this project which would improve LA 328 from Latiolais Drive to E. Bridge St. Signalized and roundabout intersections were considered. Mr. Andrepont completed the design criteria, typical sections, and geometry in accordance with the requirements of DOTD. He also assisted with public outreach activities. Includes 3 roundabouts.

16. Staff Experience:	
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 were completed in accordance with LADOTD guidelines
09/22 – Present	**E. Milton Ave Improvements, Lafayette Parish, LA:** This project will widen an existing Roundabout at E. Milton Ave./Chemin Metairie Rd intersection from single lane to multi-lane and widen and overlay E. Milton Ave. and Chemin Metairie Rd. in Youngsville, LA. This project includes curb and gutter with side- walks, as well as preliminary and finals plans.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724):** This project will construct a roundabout and required drainage improvements. Includes roundabout. Design services. Preliminary plans completed. Final design ongoing
12/22 – Present	**LA 89 @ Guillot Rd Improvements:** Existing drainage determination, proposed drainage design and plan preparation. Includes roundabouts. Included tasks similar to a line and grade, preliminary and final design included.
08/22 – Present	**LA 89 at Chemin Metairie Parkway, Youngsville, LA:** This project will provide a new two-lane connector roadway with drainage between Chemin Metairie Parkway and LA 89. Project includes preliminary and finals plans.
01/11 – 01/14	**LA 447 Corridor Study, Walker, LA (LA 16 to US 190):** A corridor study to evaluate corridor improvements along LA 447 between LA 16 and burgess Ave. Project included the interchange at I-12. Includes multilane roundabouts
11/19 – Present	**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.
11/15 – 07/20	**Southcity Parkway Extension, Lafayette, LA:** This project will construct a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. It includes three multilane roundabout intersections and new bridge design. The roadway and drainage design are being completed in conformance with LADOTD guidelines. NSI provided public outreach, environmental, road design and traffic services.
01/20 – Present	**I-20: LA 544 Overpass Replacement, Lincoln Parish, LA:** NSI is completing the preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The new bridge over I-20 will include sidewalks and four multilane roundabouts. This project includes a level 2 TMP.
04/18 – Present	**I-49 South at Verot School Road:** This project involves the construction of 2.4 miles of mainline freeway, including bridges and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Work includes a major bridge design and a roundabout at the relocated intersection of Verot Rd and South Collage Rd. NSI is designing the interstate mainline and frontage roadways (drainage, preliminary and final road design and TMP) as well as the drainage along these corridors. NSI is also completing the traffic design. Includes roundabouts.
08/12 – 03/19	**Juban Road Widening:** NSI managed the completion of the roadway and drainage design services for this project, which will widen LA 1026 (Juban Rd.), construct three roundabouts and two new frontage access roadways, with storm drainage sewer systems.
06/13 – Present	**Stage 0 Feasibility Study Modern Roundabouts, Lafayette, LA:** Road alignment, roundabout layout, and design, preparing cost estimates. Project Engineer. Includes 23 roundabouts.
03/15 – Present	**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. Road Design Assistance. Includes 4 roundabouts.
03/19 – 04/20	**LA 328 (Reese Street) Stage 0:** Created the geometry for this project which would improve LA 328 from Latiolais Drive to E. Bridge St. Signalized and roundabout intersections were considered. Scott completed the design criteria, typical sections, and geometry in accordance with the requirements of DOTD. He also assisted with public outreach activities. Includes 3 roundabouts.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Ellen Burke Howard, PE, PTOE Project Manager		**Years of relevant experience with this employer**	11
		Years of relevant experience with other employer(s)	5

Degree(s) / Years / Specialization			BS/2009/Civil Engineering
Active registration number / state / expiration date			38207/LA/03-31-2026; PTOE No. 3735
Year registered	2013	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Project Manager for Traffic Studies - **Meets MPR #5**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 16	Mrs. Howard joined Neel-Schaffer, Inc. in January 2014. Before joining Neel-Schaffer, Mrs. Howard worked as a Traffic Engineer for DOTD District 62. She also worked as a Traffic Engineer Intern for DOTD's Traffic Engineering Management Section in Headquarters. She worked on a variety of projects involving Traffic Engineering Studies, Signal Timing and Coordination, Corridor Studies, traffic modeling using VISSIM and Transportation Management Studies. During her employment at LADOTD, she also reviewed numerous Corridor Studies, Intersection Studies, Safety Studies, Traffic Impact Studies, and Temporary Traffic Control Plans. She is proficient in Traffic Engineering software such as HCS, Synchro, SIDRA, SimTraffic, VISSIM as well as DOTD's CAT Scan safety tool. She also attended Highway Safety Manual (HSM) workshop, Highway Capacity Analysis Seminar, Roundabout Design Workshop, Traffic Signal Work- shop, Synchro Training, Vissim Training, Access Management Location and Design Course, Alternative Intersections / Interchanges Workshop, and Crash Reconstruction for Traffic Engineers Course. With Neel-Schaffer, Mrs. Howard has served as a project engineer for the noted traffic-related DOTD projects. Mrs. Howard is a certified Professional Traffic Operations Engineer (PTOE), a certified Road Safety Professional Level 1, and has completed DOTD's Traffic Engineering Process and Report (TEPR) training.
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

16. Staff Experience:

06/22 – Present	**District 03 Safety Investment Plan, LADOTD:** Engineer for this study evaluating crashes at 119 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
04/20 – 07/21	**District 05 Safety Investment Plan, LADOTD:** Engineer for this study evaluating crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements. There were initially 81 locations with 53 additional locations added as a supplement.
02/19 – 03/20	**District 07 Safety Investment Plan, LADOTD:** Engineer for this study evaluating crashes at 63 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
12/17 – 03/19	**District 08 Safety Investment Plan, LADOTD:** Engineer for this study evaluating crashes at 68 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
01/14 – 05/15	**Safety Study, LA 49 (Williams Blvd.,) Kenner, LA – Stage 0 / Safety Study (S.P. No. 4400001583, T.O. No. H.010570):** Traffic Engineer responsible for data collection, intersection operational signal analyses (Synchro), and Vissim modeling.
07/21 – Present	**US 190 Access Management Stage 0 and Traffic Study:** Traffic Engineer responsible for initial and final data collection, existing safety analysis and existing and no build traffic analysis, final traffic report.
03/21 – Present	**MOVEBR N. Sherwood Forest Extension (C-P Proj. No. 20-CP-HC-0014):** Traffic Engineer responsible for initial and final data collection, existing safety analysis, existing and no build HCS analysis, alternatives HCS analysis, and final traffic report.
09/20 – Present	**MOVEBR College Drive Enhancements (C-P Proj. No. 19-EN-HC-0033):** Traffic Engineer responsible for calibrated Vissim model, existing and no build traffic analysis and alternatives analysis.
09/21 – 07/22	**MOVEBR Harding Boulevard at Interstate I-110 (C-P Proj. No. 20-CP-HC-0016):** Traffic Engineer responsible for initial and final data collection, existing safety analysis and existing and no build traffic analysis, Tier 1 alternative analysis, and final traffic report
08/20 – 10/21	**I-10 & I-12 College Dr. Flyover Ramp Design-Build Project (S.P. H.013897.1):** Traffic Engineer responsible for calibrated Vissim model and traffic analysis, and Interchange Modification Report.
12/19 – 03/20	**US 80: Intersection @ Bellevue Rd (S.P. No. 4400010504, T.O. No. H.014044.1):** Traffic Engineer responsible for Initial and final data Collection, existing safety analysis, and Chapter 1 of Final Report and signalized intersection analysis.
02/15 – 12/17	**US 51 (W University to I-55) Corridor Study (Contract No. 4400004064, T.O. No. H.011401.1):** Includes analysis of eight roundabout geometry intersections. Traffic Engineer assisted with Corridor Operational Analyses.
01/15 – 06/15	**LA 3002, 16 & 1034 Corridor Study Phase 2 (Contract No. 4400004064, T.O. No. H.011645.1):** Traffic Engineer responsible for data collection and traffic signal analysis.
01/14 – 12/16	**LA 30 Stage 0, Gonzales, LA – Traffic & Safety Study (S.P. No. 44-1862, T.O. H.010572.1):** Traffic Engineer responsible for data collection, corridor traffic operational analysis (Synchro and Sidra), calibrated Vissim modeling, Stage 0 Traffic Report
01/14 – 03/16	**LA 73 Corridor Study (LA 74 to LA 621) Stage 0 Feasibility Study (Contract No. 4400003362, T.O. No. H.011160.1):** Traffic Engineer responsible for data collection, warrant analysis, corridor operational analyses (Synchro and Sidra), Stage 0 traffic report preparation.
01/14 – 06/14	**Stage 0 Study, considering the extension of Edenborne Parkway to South St. Landry Road (approximately 1 mile) for Ascension Parish:** Traffic Engineer responsible for intersection operational analyses (Sidra).

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Jonathan Duhe, PE, PTOE, RSP Project Engineer		**Years of relevant experience with this employer**	12
		Years of relevant experience with other employer(s)	1

Degree(s) / Years / Specialization			BS/2011/Civil Engineering
Active registration number / state / expiration date			41047/LA/03-31-2025; PTOE No. 4418; RSP No. 282
Year registered	2016	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Traffic Studies and Signal Design - **Meets MPR #5**

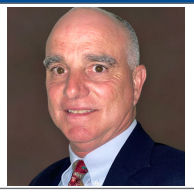
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 13	Jonathan joined Neel-Schaffer in 2013 and has nearly a decade of experience working on a wide range of traffic and transportation projects. He has worked on many intersection/corridor signal timing studies and signal design projects and other traffic engineering related projects for both public and private projects. He is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Jonathan has completed training and has experience using LADOTD's CAT Scan safety tool. He is a certified Professional Traffic Operations Engineer (PTOE), a Road Safety Professional (RSP1) and has completed LADOTD's Traffic Engineering Process and Report (TEPR) training.
03/23 - Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724)**: This project will construct a roundabout and required drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (line and grade). Preliminary and final plans.

16. Staff Experience:

02/20 – Present	**I-20 at 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. Tasks similar to Line and Grade completed: Established design criteria, typical roadway sections, horizontal and vertical geometry, ID structure locations and more. Mr. Duhe provided signal design review on Preliminary and Final Plans.
08/22 – Present	**LRSP Ardenwood Dr Road Diet, Baton Rouge, LA:** Project Engineer, Responsible for Data Collection (Traffic Counts and Peak Hour Observations), Traffic Forecasting, Safety Analyses, Corridor Operational Analyses (HCS, Sidra), Safety Analyses, Traffic Report Preparation
07/21 – Present	**FYA Signal Improvement (LCG), Lafayette, LA:** Project Engineer. Oversaw development of signal plans to upgrade 28 intersections to include flashing yellow arrow signal heads as well as backplates.
09/21 – Present	**Harding Blvd at I-110, Baton Rouge, LA:** Traffic Engineer. Performing a traffic study along Harding Boulevard between Rosewood Street and Merle Gustafson Drive including the I-110 Ramps in an effort to improve capacity. Assisted with data collection and Initial Data Collection Report.
09/20 – Present	**College Drive Enhancement Project, Baton Rouge, LA:** Traffic Engineer. Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including peak period observations and travel time runs. Also performed safety analysis along the College Drive corridor.
06/20 – Present	**I-10/12 College Drive Flyover Design Build, Baton Rouge, LA:** Traffic Engineer. Performing a traffic study at the I-10/12 merge in an effort to improve capacity and safety. Assisted with uncalibrated VISSIM model. Assisted with safety analysis and signal design.
04/20 – 06/21	**District 05 Safety Investment Plan District 05, LA:** Traffic Engineer. Assisted with safety analysis including reviewing crashes utilizing LaDOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
11/17 – 04/19	**District 08 Safety Investment Plan District 08, LA:** Traffic Engineer. Assisted with safety analysis including reviewing crashes utilizing LaDOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
02/19 – 03/20	**District 07 Safety Investment Plan District 07, LA:** Traffic Engineer. Assisted with safety analysis including reviewing crashes utilizing LaDOTD's CATScan tool and performing benefit-cost analysis of potential safety improvements. Also assisted with report preparation.
11/16 – 04/19	**LA 385 (Ryan St) Feasibility Study, Lake Charles, LA:** Traffic Engineer. Assisted with intersection analysis including Vistro analysis. Assisted with safety analysis including reviewing crashes, creating collision diagrams, identifying conflict points, and using LaDOTD's CATScan tool to analyze safety. Also assist- ed with report preparation.
02/16 – 10/17	**LA 6 Feasibility Study, Natchitoches, LA:** Traffic Engineer. Assisted with intersection analysis including Sychro and Sidra analysis. Assisted with safety analysis including reviewing crashes, creating collision diagrams, and using the HSM Predictive method to analyze safety of potential alternatives. Also assisted with report preparation.
03/20 – 06/20	**Braud Rd at Germany Rd Temp. Signal Design, Gonzales, LA:** Project Engineer developed signal layout and timing parameters for temporary signal. Signal design included developing Clearance Calculations, utilizing Synchro for signal timing, designing in MicroStation software, developing Intersection Quantities, and creating a Traffic Signal Inventory)
03/19 – 11/19	**District 08 Signal Timing Study, Natchitoches, LA:** Project Engineer Oversaw Data Collection (TMCs, Observations, Inventory, Travel Runs, etc), Signal Warrant Analyses, Intersection Operations Analyses (Synchro), Developed new signal timing and TSIs

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Ronald Kirk Gallien, PE, PTOE Senior Project Manager		**Years of relevant experience with this employer**	2
		Years of relevant experience with other employer(s)	36

Degree(s) / Years / Specialization			BS/1984/Civil Engineering
Active registration number / state / expiration date			23428/LA/09-30-2025; PTOE No. 1288
Year registered	1989	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Traffic QAQC - **Meets MPR #5**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/20 – Present	**I-20 at 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. Mr. Gallien provided TMP review.
08/20 – Present	**I-10 & I-12 College Drive Flyover Ramp Design Build, Baton Rouge, LA:** Project Engineer for Interchange Modification Report, Transportation Management Plan and ITR of MOT Plans for the proposed College Drive Ramp improvements. The IMR was prepared in accordance with DOTD's TEPR and FHWA Policy Points. The IMR analysis was performed using Vissim software. In addition, the TMP was prepared for the various maintenance of traffic phases. Analysis used in the TMP included HCS analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies. The project also includes signal design.
1994 – 2007	**DOTD District 05 – District Traffic Operations Engineer** • Performed numerous traffic studies and composed numerous traffic engineering reports regarding traffic control such as traffic signals installations and modifications, signing, pavement markings, and establishing speed limits. • Annually investigated and analyzed existing traffic control devices at locations identified as having a high potential for safety improvement and recommend and implemented modifications to improve traffic flow and safety at these locations. • Coordinated and supervised upgrading all traffic signals (approximately 275) in District 05 from electromechanical to electronic controller operations. • Worked closely with private developers and public entities regarding access to proposed developments to ensure conformance with DOTD standards. • Completed construction lay-out of pavement markings on numerous highway construction projects, including centerline passing/no passing zone markings on overlay projects. • Served as the legal expert in traffic engineering for District 05, responded to interrogatories and requests for production, gave depositions, and testified in court

16. Staff Experience:

6/22 – Present	**Jimmie Davis Bridge (LA 511) (HBI) Design Build:** This project will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multiuse path. NSI is providing the traffic analysis, signal design, striping and signing plans, road design support and Bridge H&H and Scour for the river crossing. Traffic and TMP support.
1994 – 2007	**DOTD District 05 – District Traffic Operations Engineer Continued:** **Projects:** • **Computerized Traffic Signal System in District 05:** Provided technical assistance to the consultant during design of the project as well as construction personnel during installation of the field equipment. After completion of the project, implemented and used the computerized traffic signal system to manage traffic operations on US 165. • **I-20 Elevated Section Rehabilitation Ouachita Parish**: Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project. • **I-20 Mississippi River Bridge Modifications:** Provided technical assistance regarding interstate lane closures and traffic control during design and construction of the project.
2007 – 2014 2018 – 2020	**DOTD District 05 – Assistant District Administrator of Operations** • Supervised traffic engineering and operations, district-wide roadway maintenance, bridge inspection and maintenance, and roadside development activities in District 05. • Reviewed traffic impact studies and reviewed and approved access connection, utility, and project permits in District 05. • Planned, managed, and directed all emergency response activities in District 05, which included emergency response, repairs, and recovery related to hurricanes, flooding, tornados, and winter weather.
2014 – 2018 2020 – 2022	**DOTD Headquarters – Assistant Secretary of Operations** • Completed traffic studies and prepared written Traffic Engineering reports. Specific duties of traffic engineering studies included compiling filed data, performing peak period observations, performing analyses, QA/QC of field data and analyses, forming conclusions and recommendations based on the results of analyses, and preparation of technical reports. Studies included developments such as a 600-student middle school, a 400-student charter school, commercial subdivision, and a 650-unit student housing facility near Louisiana Tech University. Traffic studies and Traffic Engineering written reports also included modifications to existing traffic control devices such as traffic signal installations and modifications, signing, and pavement markings. • Compiled field data and assisted with analysis of data and preparation of a written report to create a District 05 Safety Investment Plan for DOTD District 05, 4400010504, Task Order No. H.014295.1. This included analysis of crash data, determination of crash patterns, determination of appropriate safety countermeasures, benefit/cost analyses, compilation of results and compilation of recommended safety improvements for 32 state and local segments as well as 99 state and local intersections. • Prepared Level 4 Transportation Management Plan for the I-10 and I-12 College Drive Flyover Design Build project, H.013897.6. Preparation of the plan included identifying the scope, goals, and constraints of the project, performing traffic and safety analyses, and assessing detour routes to effectively manage traffic during the project. Assisted with developing plans for stakeholder and public involvement during the project as well as the development of plans for maintenance of traffic, temporary traffic control, and work zone management strategies to be implemented during the project. • For the Garrett Road-Kansas Lane Connector project, H.007300, assisted in preparation of a Level 4 Transportation Management Plan. Assisted with de- signing 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.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Charles Adams, PE, PTOE Senior Project Engineer		**Years of relevant experience with this employer**	17
		Years of relevant experience with other employer(s)	14

Degree(s) / Years / Specialization			BS/1992/Civil Engineering
Active registration number / state / expiration date			27440/LA/09-30-2025; PTOE No. 878
Year registered	1997	**Discipline**	Civil
Contract role(s) / brief description of responsibilities			Traffic Control Plans / TMP / Signal Design - **Meets MPR #5**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 31	Over the past 30 years, Charles has consistently managed and designed projects for the City of Bossier City as well as for the Bossier Parish Police Jury. During 2008 – 2015 he served as Neel-Schaffer's Shreveport Office manager and continues to maintain the relationships gained from that experience. He has established relationships in the local community and knowledge of the project area. His experience in the area includes 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 round- about feasibility studies and other traffic related studies for both public and private clients. Prior to joining NSI, Charles was employed by LADOTD as a District Traffic Engineer in the Bossier District and then as the State Traffic Engineer. Mr. Adams is a certified Professional Traffic Operations Engineer and has completed DOTD's Traffic Engineering Process and Report (TEPR) training.
01/23 – Present	**Wemple Road & Innovation Drive Study, Bossier, LA:** NSI performing a traffic evaluation to determine whether a new N/S road would be justified between Wemple Road and Innovation Drive. Mr. Adams is performing the study and analyzing the impact on the surrounding intersections. Project Manager.
10/22 – Present	**East-West Connector (Winfield Road Congestion Relief):** NSI Performing a Traffic Study and Line and Grade for a new east-west corridor through Bossier Parish. Charles is overseeing the Traffic Study portion of the project and all intersection analyses for the four major intersections. Project Engineer.
08/20 – Present	**I-10 & I-12 College Dr. Flyover Ramp, Baton Rouge, LA:** NSI is performing IMR, TMP, preliminary design, final design, review of TTC plans, and signal design. Charles is reviewing all TTC plans and developing preliminary signal plans.
02/18 – Present	**Kansas Lane-Garrett Road Connector, Monroe, LA:** NSI performing TMP for project as well as developing temporary signal design plans, developing permanent signal design plans, and developing fiber plans to relocate impacted fiber. Charles is preparing the TMP and all signal design plans. Project Manager
12/17 – Present	**Southcity Parkway Extension, Lafayette, LA:** This project will construct a new 1.7 – mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. The roadway and drainage design are being completed in conformance with LADOTD guidelines. Includes 5 multilane roundabouts. Charles is providing the Traffic Control Plans.

16. Staff Experience:	
07/16 – Present	**I-49 at Verot School Rd, Lafayette, LA:** NSI is preparing design plans and reviewing the TTC plans and the TMP. Mr. Adams is reviewing the TTC plans and developing the TMP for the project.
08/12 – 03/19	**LA 1026 (Juban Rd) Widening, Livingston Parish, LA:** Highway widening project with roundabouts. Prepared TCP
12/17 – Present	**Southcity Parkway Extension, Lafayette, LA:** This project will construct a new 1.7 – mile, 4 lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. The roadway and drainage design is being completed in conformance with LADOTD guidelines. Includes 5 multilane roundabouts. Charles is providing the Traffic Control Plans.
08/08 – 08/12	**LA 33 Roundabout Study, Ruston, LA:** NSI provided a completed Traffic Study related to the proposed roundabouts at LA 33 and I-20 WB off-ramp and I-20 at the I-20 EB off-ramp in Ruston, LA. Sr. Project Manager
02/22 – Present	**W. Broussard Roundabout at Duhon Rd. (LA 724):** This project will construct a roundabout and required drainage improvements. Includes roundabout. Completed the horizontal and vertical alignments (line and grade).
11/21 – 12/21	**Swan Lake Road Speed Study, Bossier City, LA:** NSI performed speed studies along Swan Lake Road from US 80 to Modica Lott Road. Mr. Adams oversaw the analyses and prepared the report of findings. Project Manager.
10/21 – 05/22	**Hurricane Ida Emergency Lighting and Signage Project, New Orleans, LA:** NSI performed day inspections of all signs and day and night inspections of all streetlights within Zone 3. Charles coordinated and oversaw all operations of the project as well as participated in inspections along the interstate system.
08/21 – 12/21	**LA 840-6 at Oliver Road, Monroe, LA:** NSI performed a traffic study for the intersection to determine whether left turn lane phasing would be appropriate for the Oliver Road approaches. Charles oversaw the analyses for the project. Project Manager.
10/21 – 12/21	**Wemple Road at Old Brownlee Road Intersection Safety Study, Bossier City, LA:** NSI performed a Safety Study to evaluate the existing conditions of the intersection and to determine whether modifications would be beneficial. Mr. Adams performed all analyses for the study and oversaw the data collection for the project. Project Manager.
05/21 – 08/21	**Tulane Avenue Chick-fil-A, New Orleans, LA:** NSI performed a Traffic Assessment and circulation assessment for a new Chick-fil-A restaurant in the City of New Orleans. Charles performed analyses, observations and oversaw the circulation assessment. Project Manager.
04/21 – 08/21	**Signal Design for Airline Drive and Barclay Blvd, Bossier, LA:** NSI developed traffic signal plans for the new intersection of Airline Drive and Barclay Blvd. Charles was the designer and developed signal phasing and timings for the project. Project Manager.
02/21 – 05/21	**LA Tech Student Housing Study, Ruston, LA:** NSI performed a traffic study for new student housing complex that would serve LA Tech University. Charles performed all intersection analyses for the project. Project Manager
09/20 – 06/21	**Venture Global LNG Traffic Study, Plaquemines, LA:** NSI performed numerous traffic assessments for a new LNG facility along LA 23 in south Plaquemines Parish. Mr. Adams performed intersection analyses, prepared TTC plans, and reviewed construction sequencing to reduce the impact on the traveling public.
09/20 – Present	**W Esplanade Ave at Carrollton Street, Metairie, LA:** NSI is preparing preliminary and final signal design plans for the intersection of W Esplanade Ave and Carrollton Street. Mr. Adams is preparing the signal plans. Project Manager.
08/20 – 10/20	**St Vincent Avenue at 84th Street, Shreveport, LA:** NSI prepared preliminary and final traffic signal plans for the intersection. Mr. Adams prepared preliminary and final signal plans. Project Manager.
11/19 – 07/20	**Golden Pass LNG Safety Study, Port Arthur, TX:** NSI performed traffic safety assessments along FM 87 for the entrances to the LNG facility as well as developing signing plans and lighting plans for each entrance. Project Manager.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**			
Seth Popay, EI Project Engineer 		**Years of relevant experience with this employer**	6
		Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			BS/2019/Civil Engineering
Active registration number / state / expiration date			EI 34729/LA/03-31-2025
Year registered	2021	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Traffic & Safety Analyses; Data Collection

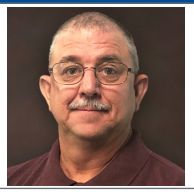
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 6	Mr. Popay is an Engineer Intern with experience in multiple traffic and safety engineering software packages including HCS, SYNCHRO, Vissim, SIDRA and LADOTD's CAT Scan safety tool. Mr. Popay has completed DOTD's Traffic Engineering Process and Report (TEPR) training
03/23 - Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.
12/20 – Present	**College Dr. Enhancement Project (MOVEBR) Baton Rouge, LA:** Engineer Intern. Performing a traffic study along College Drive between Perkins Road and Bawell Street/Bankers Avenue including the I-10 Ramps in an effort to improve capacity and safety. Assisted with data collection including travel time runs and collecting crash reports. Also assisted with performing a safety analysis using LADOTD's Cat Scan safety tool.

16. Staff Experience:

01/21 – 03/21	**District 05 Safety Investment Plan, Monroe, LA:** NSI evaluated crash history on the state and local highway network to identify potential roadway issues as well as potential infrastructure and operations safety countermeasures for nine parishes in DOTD District 05. Reviewed crash reports and data to be con- verted into one-page summaries of the segments and intersections involved in the study.
12/20 – Present	**Proposed Ouachita Middle School TIS, Statewide, LA:** NSI performed a Traffic Impact Study (TIS) for Ouachita Parish School Board. The proposed middle school was to be located on the corner of a proposed development. Helped with data collection of turning movement counts (TMC) and peak hour observations. HCS software was used to analyze turn lane movements and proposed driveways. Engineer Intern
12/20 – 02/21	**Ellis Estates TIS, Denham Springs, LA:** NSI performed a Traffic Impact Study (TIS) for NOCO, LLC. The new development is to be located on the south side of Buddy Ellis Road in Livingston Parish, LA. This was a Threshold 2 study based off Livingston Parish's Traffic Impact Policy, which aimed at analyzing the proposed access to the proposed site. Trip generations were constructed based off existing and future condition volumes. Turn lane and intersection analysis was conducted using HCS software. Determined roundabout capacity and Level of Service (LOS) of the intersection of Buddy Ellis Ln at Juban Road using Sidra Intersections. Engineer Intern
01/22 – Present	**N 5th St – N 6th St Traffic Study, Monroe, LA:** Engineer Intern. Performed a safety analysis of the two corridors as well as a safety analysis of the major intersections along both corridors using LADOTD's Cat Scan safety tool.
01/21 – Present	**I-10 ITS Scott to Lake Charles, Statewide, LA:** NSI performed various engineering design and ITS analysis for CCTV cameras along I-10 corridor. These tasks included detailed analysis, CAD drafting, and cost estimates of materials. Developed CAD plan sheets of CCTV camera pole locations and line work for various conduits/cables. Detail sheets were created for finalized 60% plans. Engineer Intern
10/21 – Present	**FYA Signal Improvements, Lafayette, LA:** NSI performed intersection inventory of requested signals in the city of Lafayette. The new signal inventory was used to develop new TSIs (Traffic Signal Inventory) as well as recommend the requested modifications to the signals that need upgrading. Engineer Intern
08/21 – Present	**Synchronization and Communication Signal Rebuilds Phase 2 – Group 4, Baton Rouge, LA:** MOVEBR identified six signals for group 3 that needed improvements. NSI evaluated crash history at the project intersections to identify potential roadway issues as well as potential safety countermeasures. HCS software was used to analyze the roadway network and develop new signal timings. Developed and designed CAD sheets to upgrade the existing intersection equipment to current design standards. Engineer Intern (Synchro, Clearance Calcs, AutoTurn, MicroStation)
03/21 – Present	**Signal Timing Analysis and Corridor Study for Hwy 6, Missouri City, TX:** NSI performed data collection along a corridor section of highway 6 in Missouri City, Texas. Synchro software was utilized to analyze the existing signal timings along the corridor section as well as develop new recommended timings for the signals along the corridor. Engineer Intern
08/21 – 02/22	**LA 16 Access McDonalds/ Urgent Care TIS, Watson, LA:** Engineer Intern. Assisted with data collection including peak hour observations and TMC counts. Performed turn lane analysis and intersection analysis. (HCS software)
02/22 – Present	**Patriots Point Mixed Use Development TIS, Watson, LA:** Engineer Intern. Performed trip generation as well as trip distribution. Assisted with turn lane analysis and intersection analysis. (HCS software)
03/21 – Present	**Synchronization and Communication Signal Rebuilds – Group 3, Baton Rouge, LA:** MOVEBR identified six signals for group 3 that needed improvements. NSI evaluated crash history at project intersections to identify potential roadway issues as well as potential safety countermeasures. HCS software was used to analyze the roadway network and develop new signal timings. Developed and designed CAD sheets to upgrade the existing intersection equipment to current design standards. Engineer Intern (Synchro, Clearance Calcs, AutoTurn, MicroStation)

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Lonny Territo Senior Technician		**Years of relevant experience with this employer**	11
		Years of relevant experience with other employer(s)	9

Degree(s) / Years / Specialization			N/A
Active registration number / state / expiration date			N/A
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities			Data Collection

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 20	Lonny joined Neel-Schaffer in 2013 and has nearly 20 years of experience as a technician and resident project representative. He has provided construction inspection services and traffic counts and traffic controller downloads for a wide variety of projects, including intersection improvements and traffic studies. Certifications: ATTSA – Traffic Control Supervisor ATSSA – Registered Flagger IMSA/FOA Certified Fiber Optic Technician IMSA - Work Zone Temporary Traffic Control Technician IMSA – Traffic Signal Inspector Level 1 IMSA - Traffic Signal Design/Engineering Level II IMSA - Traffic Signal Senior Field Technician Level III.
03/23 – Present	**1.) US 90: Roundabout at LA 101 (Calcasieu) (SPN. H.015226)**; Project Manager and Design Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2.) LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Project Manager and Design Services. This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. It includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3.) LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Project Manager and Design Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000’east of Duncan Avenue. **4.) LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4” mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

16. Staff Experience:

05/15 – Present	**LA 328 Stage 0 Traffic & Safety Study:** Develop to traffic and safety analysis of the LA 328 in proximity to I-10 in St. Martin Parish. Performed traffic counts and, Breaux Bridge, LA: traffic controller downloads.
06/14 – Present	**Baton Rouge Computerized Signalization, Phases IV and V:** Performed traffic engineering, signal design and construction services in support of the City of Baton Rouge computerized signalization. Phase IV included 21 intersections and Phase VA included 23 intersections. Phase VB which is currently in the design phase includes 24 intersections. Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: LA 39, LA 46 & LA 47 Corridor Improvements (28 intersections):** Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract, LA 39, LA 46 & LA 3021 Corridor Improvements (26 intersections):** Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract:** I-610, I-10, US 90 & LA 3021 Corridor Improvements (17 intersections) (4400004829 Task Order H.011649.5) Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: US 90, US 61 & LA 611-9 Corridor Improvements (20 intersections):** Performed traffic counts and traffic controller downloads.
09/14 – 01/18	**District 02 Traffic Signal Inventory Retainer Contract: US 61 & LA 3154 Corridor Improvements (23 intersections):** Performed traffic counts and traffic controller downloads.
08/14 – 08/17	**Retainer Contract for Traffic Signal Engineering, US 80 Traffic Control Signal Upgrades:** Provided signal design plans and signal timing plans at 20 intersections along US 80 in Shreveport, LA. Performed traffic counts and traffic controller downloads.
07/14 – 12/14	**Baton Rouge Computerized Signalization Phase VA:** Phase VA included 23 intersections, performed construction inspection in support of the City of Baton Rouge computerized traffic signal synchronization system. Performed construction inspection as the Resident Project Representative.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02: US 11, Slidell, LA (16 intersections):** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02: LA 3040/LA 20/LA 57, Houma/Thibodaux (25 intersections)**: Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, LA 44, Gonzales, LA (10 intersections):** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Per- formed traffic counts and traffic controller downloads.
12/14 – 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, LA 19, Baker, LA (10 intersections):** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.
12/14– 05/15	**Retainer for Signal Timing Studies Districts 61, 62 & 02, US 425, Vidalia/Ferriday, LA (11 intersections):** Developed an Initial Data Collection Report, a Final Data Collection Report, a Recommended Signal Timing Report with new TSI's, and for implementing the recommended signal timings in the field. Performed traffic counts and traffic controller downloads.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

William "Don" Lancaster, PE Senior Project Manager		**Years of relevant experience with this employer**	19
		Years of relevant experience with other employer(s)	22

Degree(s) / Years / Specialization			BS/1982/Civil Engineering
Active registration number / state / expiration date			22821/LA/09-30-2025
Year registered	1987	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Utility Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 41	Mr. Lancaster has over 40 years of experience in civil engineering and project management. He is the Civil Design Manager for Neel-Schaffer's Louisiana offices and Senior Project Manager for Neel-Schaffer's large Gulf Coast Katrina Recovery Projects. Prior to joining Neel-Schaffer, Mr. Lancaster was Design Manager for a national firm overseeing the Sewerage and Water Board of New Orleans' Sewer System Evaluation and Rehabilitation Program (SSERP). Responsibilities include overseeing all aspects of planning, design and construction administration. He was most recently Project Manager for the City of Bay Saint Louis Mississippi's FEMA utility replacement projects and the Sewerage and Water Board's (S&WB) Sewer System Rehabilitation for Hurricane Katrina Emergency Recovery Efforts. Mr. Lancaster offers his clients a wide range of design and project management experience leading to improved quality in the overall project.
03/23 – Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

16. Staff Experience:

03/07 – 04/11	**Bay Saint Louis Infrastructure Repairs, Bay St. Louis, MS**: Project Manager for the planning, design, bidding, and construction management of this pro- gram. Supervised the engineering and support staff responsible for design and construction administration of over $70 million in water, sewer, gas distribution, roadway, and sidewalk improvements.
04/24 – Ongoing	**Pelican Park Water System - Water Modeling, Mandeville, LA:** Project Manager. Evaluated the need for a new water well and storage tank at Pelican Park, located in Mandeville, LA. Neel-Schaffer used InfoWater Pro to developed a hydraulic model of the water system that delivers pressurized flow to the park's playing fields and buildings. A data collection effort was conducted that fielded all the park's available information of the pipe network layout, existing wells, pumps, tanks, and sprinkler heads, and logs of monthly water usage. The model incorporated findings and associated properties such as the head losses, flow demands, and system's compliance with Louisiana Department of Health's water pressure requirements. Multiple scenarios were analyzed including adding a new well and tank. The results of modeling were presented in a report that established the benefits of a new well and tank and identified areas in the network where the pipes are undersized for the demands.
06/20 – 11/24	**Oak Glen Drainage Improvements, Harris County, TX:** Project Manager. The project covers approximately 59 acres of subdivision drained by roadside ditches and culverts. These ditches drain and discharge into two separate outfalls. Flat topography and sediment buildup resulted in the reduced capacity of this drainage system. Most of the ditches do not meet the minimum slope criteria with occasional adverse slopes of the ditches, and low-lying residential lots with grades below the roads. The proposed improvements will be sized to achieve the Atlas 14 100-year level of service and combine roadside ditches with inlets draining into a storm sewer system sized for the 100-year event. Prior to outfalling into the channel, peak flow impacts are being mitigated within two proposed detention ponds.
2018 – 2019	**The Groves, Pelican Park, Mandeville, LA**: Project Manager for programming, schematic design, final design, bidding and construction phase services for this $1.8 million green space and multi-generational park project for Pelican Park in Mandeville, Louisiana. The project converted an unused baseball field and surrounding area into a multi-use facility that incorporates a detention pond feature circled by a walking trail. Project also includes a walkway routed through an oak grove, elevated to prevent damage to tree roots, as well as various adult recreation amenities including bocce ball courts, pickleball courts, shuffleboard, horseshoes, exercise equipment and other park amenities. The pond includes timber bulkheads and fountains as well as spillways for discharging storm event overflows. The project engineering included geotechnical engineering, a hydrology and hydraulics study supporting site drainage design and pond hydraulics, civil sitework, site-lighting and landscaping.
2/21 – Ongoing	**City of Mandeville Wetlands Restoration:** Project Manager for Lakefront Wetlands Restoration Project that will prevent further degradation of the wetlands and restore a functioning wetlands ecosystem within the area. Storm water from the Galvez and Massena outfalls will be directed through created wetlands, improving water quality within Lake Pontchartrain. The project established a best practice for creation of new wetlands, provided engineering concepts in support of multiple storm water routing alternatives and coastal engineering concepts for design of a storm-resistant shoreline closure with integral bike path and pedestrian link between Old Mandeville and Sunset Point Park.
2013 – Ongoing	**Water Line Replacement Program, New Orleans, LA:** Project Manager for design, construction administration and resident inspection for water line replacements on over 80 blocks in the Mid-City, City Park and Dixon Neighborhoods. These replacement projects are part of the Joint Infrastructure Recovery Roads Program (JIRR) between the Sewerage and Water Board (S&WB) of New Orleans and the Department of Public Works (DPW). These projects include replacing undersized and aging infrastructure that was damaged during Hurricane Katrina. The 80+ blocks of water line improvements are separated into nine group projects and coordinated with DPW's roadway improvement projects. This coordination between S&WB and DPW allows each group to be bid as one project and reduces the impact on residents and businesses in the area.

16. Staff Experience:

Firm employed by: **Neel-Schaffer, Inc.**

Warren Huggins, PE Graduate Engineer		**Years of relevant experience with this employer**	13
		Years of relevant experience with other employer(s)	12

Degree(s) / Years / Specialization			BS/2012/Civil Engineering
Active registration number / state / expiration date			42443/LA/09-30-2026
Year registered	2018	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Utility Design

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Total Years of Experience: 15	Mr. Huggins has over 13 years of engineering design and management experience with a focus on municipal infrastructure such as roadway, utilities, subsurface drainage, bridges, site design, railroad engineering and green infrastructure. He also has experience in trenchless utility installation, natural gas distribution, and large diameter water lines. Warren sits in our downtown New Orleans office and has served local clients such as the City of New Orleans, Sewerage and Water Board, St. Tammany Parish Government, City of Houston (TX), and Hancock County Port and Harbor Commission (MS) for many years. As a general civil engineer, Warren has accumulated a wealth of knowledge and developed many skills to manage and deliver a multitude of project disciplines and sizes.
03/23 - Present	IDIQ for road design projects - this contract includes four separate Task Order projects which include traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. **1. US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; Traffic Services. This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design. **2. LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; Traffic Services. This project will widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621. **3. LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Traffic Services. Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue. **4. LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

16. Staff Experience:

08/17 - Ongoing	**Neighborhood Sewer Systems Improvements – Package 6, Houston, TX:** Project Engineer. Providing engineering services for the design, bidding, construction administration to rehabilitate aging sewer in 5 project areas in a Houston neighborhood. the sewer improvements include the replacement and rerouting 6,800 feet of 8”-10”, 3,000 feet of 15”-18” and 3,200 feet of 24” sanitary sewer. Most of the installation is designed to be constructed via trenchless technology by way of horizontal directional drilling and micro tunneling. The project also includes several water main segment replacements for constructability.
05/21 – Ongoing	**TM008 - Transmission Main and Water Main Replacement:** Project Engineer for engineering design, bidding, construction administration and resident inspection services for an assortment of transmission, distribution water mains and sewer force main in several neighborhoods across New Orleans. The transmission main replacement includes 1,800 feet of 8”-12” distribution mains, over 750 feet of 20”-30” transmission mains, and over 500’ of 48” transmission main. The sanitary sewer force main replacement includes over 500’ of 30” force main and ties into a sewer pump station.
05/17 – 05/22	**RR104 - Lower Ninth Ward Northeast Group B – New Orleans, LA**: Project Engineer. Providing engineering services for the design, bidding, construction administration and resident inspection to reconstruct 24 blocks in the Lower Ninth Ward Neighborhood. This full reconstruction includes full depth roadway construction, drainage replacement and improvements, water line replacement, sewer line replacement, handicap ramp improvements, sidewalk/ driveway improvements, and drain line inspection and cleaning. The utility replacement consisted of over 10,000 feet of 8”-12” main line distribution and over 1,000 feet of 8”-12” sanitary sewer.
10/20 - Ongoing	**RR199 - West End Group G, New Orleans, LA:** Project Engineer. Neel-Schaffer is providing engineering services for the design, bidding, construction administration and resident inspection to reconstruct 6 blocks in the West End Neighborhood. This full reconstruction includes full depth roadway construction, drainage replacement and improvements, water line replacement, sewer line replacement, handicap ramp improvements, sidewalk and driveway improvements. The utility replacement consisted of over 3,000 feet of 8”-12” main line distribution and over 1,300 feet of 8”-12” sanitary sewer.
08/12 – 08/15	**West St. Tammany Wastewater Treatment Consolidation, St. Tammany Parish, LA**: Project Engineer. Provide modeling and design services to consolidate wastewater treatment throughout west St. Tammany Parish (west of the Tchefuncte River and south of I-12) into its regional treatment facilities.
07/13 - 10/18	**Port of Gulfport Restoration Program – West Pier Construction Phases 1, 2, and 3, West Pier Facilities, Gulfport, MS**: Construction of over $160 million in port improvements including demolition, grading, storm drainage and site utilities, paving and roadway construction, electrical and site lighting, striping, railroad construction, transit shed, administration, and maintenance and repair buildings. Responsibilities include developing construction constraints and sequencing plans for all projects, design of some site utilities, and cost estimation duties.
01/17 – 02/19	**RR103 - Lower Ninth Ward Northeast Group A:** Project Engineer. Provided engineering services for the design, bidding, construction administration and resident inspection to repair and rehabilitate 82 blocks in the Lower Ninth Ward Neighborhood. This street rehabilitation project was part of the wave one Joint Infrastructure Recovery Roads program which is a comprehensive recovery strategy to repair Hurricane Katrina related damages on and beneath city managed streets throughout New Orleans. As the design consultant for the Department of Public Works, NSI coordinated with both the Sewerage and Water Board and FEMA throughout the scoping and design process.
05/20 - Ongoing	**RR125 - Mid-City Group B - Waterline Replacement, New Orleans, LA:** Project Engineer. Provided design, construction administration and resident inspection for water line replacement on over 56 blocks located in the Mid-City Neighborhood. The waterline replacement consisted of over 25,000 feet of 8”-12” and 1,500 feet of 16”-20” main line distribution. This replacement project is part of the Joint Infrastructure Recovery Roads Program (JIRR) between the Sewerage and Water Board (S&WB) of New Orleans and the Department of Public Works (DPW).

16. Staff Experience:

Firm employed by: **Vectura Consulting Services, LLC**			
Sheelagh Brin Ferlito, PE, PTOE Supervisor - Engineer		**Years of relevant experience with this employer**	9
		Years of relevant experience with other employer(s)	27

Degree(s) / Years / Specialization			B.S./1988/Civil Engineering
Active registration number / state / expiration date			25383/LA/09-30-2025
Year registered	1993	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Traffic Signal Design Lead - **Meets MPR #5**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/21 – current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** - Brin is the task leader for Vectura for the **Construction Engineering and Inspection of 24 traffic signals**. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** - Brin is the lead traffic engineer for entire the New Capacity Projects program management team. **All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin**. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** - Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on **design year volumes** that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA)** - Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed **signal timing plans** for each phase of the construction to maintain progression along LA 30.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** - Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included **traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses**. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.

16. Staff Experience:

09/17 – 04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** - Brin developed a formal traffic study for a proposed crosswalk with pedestrian **traffic signal equipment and pedestrian clearance timings** based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of **Traffic Signal Modification Plans** were developed to implement the recommended alternative.
08/15 – 05/17	**Enhancing Guidance for Evacuation Time Estimate Studies (Nuclear Regulatory Commission Rockville, MD)** - Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 "Criteria for Development of Evacuation Time Estimate Studies" in support of the 2020 update of ETEs. Specifically, Brin was the lead VISSIM modeler for the "large" population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone.
04/14 – 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** - As the project engineer, Brin was in responsible charge for **data collection and design for three signalized intersections** as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12 – 03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** - Brin was the Project Resident Engineer on behalf of EBR for performing **CE&I services for the construction of 11 traffic signals**. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08 –09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** - Brin was the Project Resident Engineer for DOTD and EBR to perform **CE&I services for the construction of 21 traffic signals**. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** - Brin designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included traffic signal synchronization and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** - Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.

16. Staff Experience:

Firm employed by: **Vectura Consulting Services, LLC**			
Laurence Lucius Lambert, II, PE, PTOE, PTP Supervisor - Engineer		**Years of relevant experience with this employer**	9
		Years of relevant experience with other employer(s)	18

Degree(s) / Years / Specialization			B.S./1997/Civil Engineering; M.S./2006 Civil Engineering (Transportation focus); M.B.A./2010
Active registration number / state / expiration date			29901/LA/03-31-2026
Year registered	2001	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Data Collection and Traffic Management Plan Supervisor - **Meets MPR #5**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/23 – 11/23	**H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA)** - Laurence was the project manager for a **Level 4 Traffic Management Plan (TMP)** for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.
12/21 – current	**H.012030.5 US 371 KCS RR Overpasses HBI (Webster Parish, LA)** - Laurence was the project manager for the design of permanent pavement marking and signing sheets for the construction plans in MicroStation. He will also participate in the QC of the sequence of construction and detour route.
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** - Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic study included **traffic data collection, safety analysis, existing conditions analysis and alternative analysis**. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** - At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the **travel demand model** to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided peer review for the traffic studies for Ben Hur Road and Lee Drive.
02/21 – 03/21	**H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)** - Laurence was the lead traffic engineer for a Level 2 TMP for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** - Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish, LA)** - Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.

16. Staff Experience:	
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** - Laurence was the **project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection)** for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
10/17 – 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** - Laurence was the lead transportation engineer for a **Corridor Planning Study** for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to d**evelop growth rates and design year volumes.** Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.
09/16 – 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** - Laurence was the lead traffic engineer for a **DOTD traffic study** for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data from the travel demand model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management that included the I-12 interchange ramps. Laurence collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM traffic simulation model of the preferred alternative.
07/14 – 01/17	**FHWA Intersection & Interchange Geometrics: Innovative Design Considerations for All Users (Multiple States)** - FHWA funded workshops for state Departments of Transportation that were interested in learning more about innovative intersection & interchange design. Laurence presented either part or all the one-day or two-day workshops that included modules on the overall policy and goals of FHWA for these types of innovations, roundabouts, roundabout interchanges, DLTs, DDIs, J-turns / Superstreets, MUT, Thru-turns, quadrant, and the assessment tools (CAP-X) available to compare the measures of effectiveness of each innovation. Each module includes sections on design, traffic operations, safety and multi-modal accommodation Laurence has presented for the Alabama, Kentucky, Ohio, Oklahoma, Massachusetts, Tennessee, and Texas Departments of Transportation under this contract.
06/16 – 09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** - Laurence performed a Stage 0 Feasibility Study for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, **collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines**. Once traffic data was collected, Laurence performed traffic signal warrants analyses and a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.
03/10 – 11/11	**S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)** - This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the Stage 0, Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).

16. Staff Experience:

Firm employed by: **Vectura Consulting Services, LLC**			
Reece Rodrigue, PE, PTOE, RSP1 Engineer		**Years of relevant experience with this employer**	4
		Years of relevant experience with other employer(s)	7

Degree(s) / Years / Specialization			B.S./2013/Civil Engineering
Active registration number / state / expiration date			42074/LA/03-31-2026
Year registered	2017	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Project Engineer

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/21 – current	**MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA** - Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This projected included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.
06/23 – Current	**H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support** - Reece is a member of the team to develop new policies and legislation related to C/AV.
06/23 – Current	**H.011507.1 Monroe Phase 3 SEA** - Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.
07/21 – Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** - Reece is part of the team responsible for **Construction Engineering and Inspection**. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/23 – 02/24	**H.011504 Alexandria ITS Phase 2** - Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.
06/22 – 02/23	**H.012381.5 ITS Fiber Management System Data Collection** - Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.
04/20 – Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** - Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the **Traffic Management Plan** that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.

16. Staff Experience:

01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** - Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for **measuring anticipated construction quantities and producing a cost estimate** for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** - Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** - Reece is a design engineer, who is assisting in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
11/21 – 12/21	**Emergency Street Light and Traffic Sign Assessment (New Orleans, LA)** - In response to the damage caused by Hurricane Ida, Reece inspected streetlights and street signs to report damage using the City's ArcGIS Online Organization and ArcGIS Field Maps app. The assessment area was approximately 2.5 miles by 2 miles area in the City of New Orleans.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** - Reece was the task leader for organizing and formatting the **data collection** of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 – 12/19	**Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA** - Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** - Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the **preliminary plans using CAD** software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish)** - Reece served as a design engineer for the traffic signal plans for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.

16. Staff Experience:

Firm employed by: **Vectura Consulting Services, LLC**			
Kristen Farrington, PE, PTOE, RSP1 Engineer		**Years of relevant experience with this employer**	3
		Years of relevant experience with other employer(s)	7

Degree(s) / Years / Specialization			B.S./2014/Civil Engineering
Active registration number / state / expiration date			42785/LA/03-31-2025
Year registered	2018	**Discipline**	Civil Engineering
Contract role(s) / brief description of responsibilities			Project Engineer

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/23 – current	**H.972501.1 South Range Road Stage 0 (Tangipahoa Parish, LA)** - Kristen was the project manager for a Stage 0 project to improve operations on South Range Road. The project included data collection, existing conditions analysis, safety analysis, and alternatives development.
05/23 – 05/24	**US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA)** - As a subconsultant to Richard C. Lambert Consultants, LLC, Laurence was the project manager for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report.
04/22 – 11/23	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** - Kristen is the lead designer for four pedestrian hybrid beacons (PHB's) with two crossings located on state routes. The locations were approved in a previous study and are now under design for construction. Kristen is working closely with the City and DOTD on the construction plan development as PHB's are a new traffic control device for DOTD. Prior to the design of the PHB's, Kristen prepared a traffic study evaluating all six uncontrolled crosswalks along the path, which included data collection and determining the appropriate treatment for each crossing location based on FHWA, DOTD and MUTCD guidance.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** - Kristen was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** - Kristen was responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the DOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps.
04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** - Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane highway. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project.

16. Staff Experience:	
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish, LA)** - Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
11/18 - 3/21	**H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** - Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as **unmet demand observations and calculations**. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish, LA)** - Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 LA 74 to LA 621 (Ascension Parish, LA)** - Kristen was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
11/16 – 07/17	**H.001271 Cane River Bridge Church Street Route LA 1-X Environmental Assessment** - Kristen was the project engineer responsible for assisting with the site visits, data organization, analysis of permanent alternatives and traffic control alternatives, and traffic report to aid in the delivery of an environmental assessment for the Cane River Bridge Replacement

SECTION 17

H.011152
I-12: US 190 to LA 59
St. Tammany Parish
Bridge EOR: Megan M. Miller, P.E.
Engineer of Record: Dennis M. Hymel, Jr, P.E.; Paul I. Olivier, P.E.

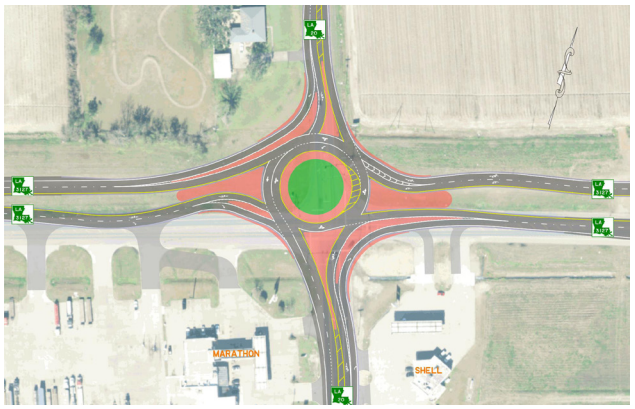
17. Firm Experience:

Firm name	**Crescent Engineering & Mapping, LLC**	**Discipline(s)***	Road, Survey
LA 3127 Widening (LA 20 to LA 3213)		**Firm responsibility (prime or sub?)**	Prime
Project number	50-J47-21-01	**Owner's name**	St. James Parish Government/LADOTD
Project location	Vacherie, LA	**Owner's Project Manager**	Ryan Larousse/Jacob Fusilier, P.E., PMP (LADOTD)
Owner's address, phone, email	5800 LA Hwy 44, Convent, LA 70723 225-206-1379 ryan.larousse@stjamesparishla.gov		
Services commenced by this firm (mm/yy)	04/22	**Total consultant contract cost ($1,000's)**	$1,525
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**	$1,180

The LA 3127 Widening project involves **widening 3.5 miles of existing 2-lane roadway to a 4-lane divided** section with a 64' wide, depressed median, directional U-turns, Restricted Crossing U-turns (R-CUT's) and multi-lane roundabouts at LA 3213 and LA 20. The project includes traffic studies, feasibility, planning/ environmental, topographic surveys, roadway design, geotechnical, contract management, and construction support services. The traffic study was prepared in accordance with LADOTD TEPR guidelines and all project scoping including survey and roadway design is in accordance with LADOTD design guidelines and requirements for plan production due to current state funding and anticipated federal funding.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for all topographic surveying, hydraulic analysis and design, **Level 3 TMP**, roadway/J-Turn/roundabout **geometrics, property surveys, R/W mapping**, inroads modeling, utility coordination, **permit drawings, patching, mill/ overlay and reconstruction** of the existing LA 3127 roadway, agency coordination, construction support, geotechnical and environmental coordination, and plan production for Preliminary and Final plans. The project's design and drawings are being developed per LADOTD design guidelines and plan requirements using Microstation/Inroads. Crescent has completed all surveying and traffic studies associated with the intersection improvements as well as the 90% Preliminary Plans. The 100% Preliminary Plans are due in April 2025. The project is being reviewed by LADOTD and FP&C at all submittal stages.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., P.E., Paul Olivier, P.E., Abbey Falcon, P.E., James Ledet, P.E., Luke Bourg, Miles Loker, E.I., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley



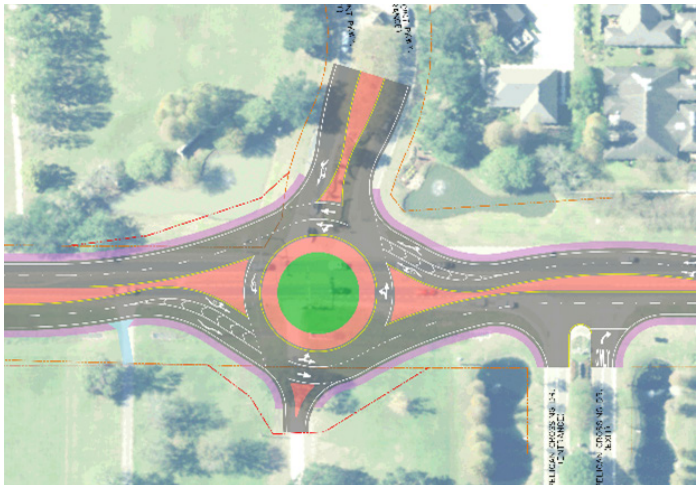
17. Firm Experience:

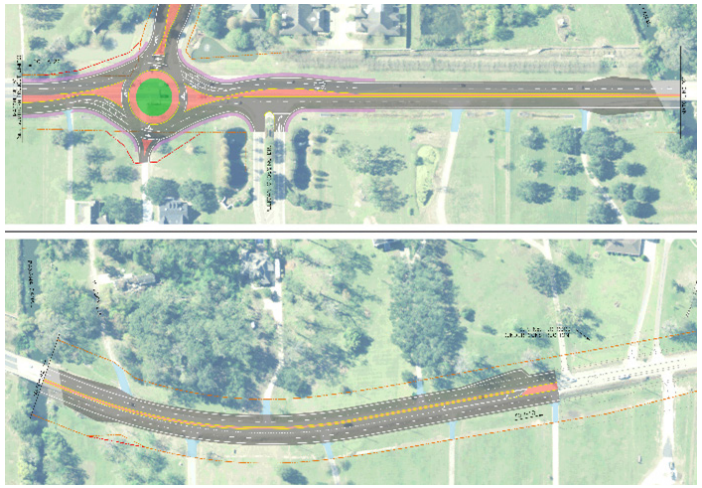
Firm name	**Crescent Engineering & Mapping, LLC**	**Discipline(s)***	Road
LA 44: Pelican Point Roundabout and Widen		**Firm responsibility (prime or sub?)**	Prime
Project number	H.015568.5	**Owner's name**	Louisiana Department of Transportation & Development (LADOTD)
Project location	Ascension Parish	**Owner's Project Manager**	Jacob Fusilier, P.E., P.M.P
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225-379-1185; jacob.fusilier@la.gov		
Services commenced by this firm (mm/yy)	08/24	**Total consultant contract cost ($1,000's)**	$777
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**	$557

The LA 44 Pelican Point Roundabout and Widening project involves **widening 1 mile of existing 2-lane roadway to a 4-lane urban** section with a raised median, directional U-turns, a multi-lane roundabout at Pelican Point Parkway and replacement of the existing RC Slab span bridge over the Panama Canal. The project includes traffic, feasibility, planning/environmental, roadway design, bridge design, geotechnical support and coordination, contract management, and construction support services. The project also includes patching, mill/overlay and reconstruction along the existing LA 44 roadway sections.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for all hydraulic analysis and design, TMP, roadway/J-Turn/ roundabout geometrics, public meetings, inroads modeling, bridge design (including inspection, load rating and bridge evaluation report), utility conflict matrices and coordination, permit drawings, and related roadway design aspects of the corridor as well as agency coordination, construction support, geotechnical and environmental coordination, geotechnical boring plans, and plan production for Preliminary and Final plans. Crescent has completed the bridge inspection, load rating and evaluation report, public meetings, boring plans and preliminary geometric layout of the roundabout and roadway corridor and submitted the Preliminary Geometrics .DGN submittal to DOTD. The 60% Preliminary Plans are due in April 2025.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., P.E., Paul Olivier, P.E., Abbey Falcon, P.E., Megan Miller, P.E., James Ledet, P.E., Luke Bourg, Miles Loker, E.I.





17. Firm Experience:

Firm name	**Crescent Engineering & Mapping, LLC**	**Discipline(s)***	Road, Survey
St. James Road Program (FY2022-FY2024)		**Firm responsibility (prime or sub?)**	Prime
Project number	N/A	**Owner's name**	St. James Parish Government
Project location	St. James Parish, LA	**Owner's Project Manager**	Ryan Larousse
Owner's address, phone, email	5800 Hwy 44, Convent, LA 70723 225-206-1379 ryan.larousse@stjamesparishla.gov		
Services commenced by this firm (mm/yy)	02/22	**Total consultant contract cost ($1,000's)**	$697
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**	$655

Crescent Engineering & Mapping, LLC is the Prime Consultant for St. James Parish's FY2022, 2023, and 2024 Parish-wide Roadway Rehabilitation Program. The project involves the **reconstruction and rehabilitation of roadways** throughout the Parish and includes asphalt overlays, asphalt and PCC pavement patching, **concrete curb and gutter**, driveways and pedestrian accommodations. Additional project requirements include **topographic surveying, geotechnical support services, bidding assistance and construction support**.

Crescent is responsible for reconnaissance of the Parish roadway network, public outreach, roadway prioritization, assistance in the selection of roadways for the program, topographic surveys, roadway and hydraulic design, utility surveys and coordination, geotechnical engineering oversight, bidding assistance and construction support services. Overall, the project encompasses over **16 miles of roadway length** spread throughout all Parish districts and **let annually (three (3) separate projects**). The topographic survey was completed using LADOTD survey codes and procedures for control establishment with all survey data processed in Microstation/Inroads using LADOTD processing procedures. The project's design drawings are also being developed as traditional roadway plan and plan/profile sheets using Bentley Microstation/Inroads prepared in accordance with LADOTD procedures. Design elements include horizontal and vertical alignments of reconstructed roadways, typical roadway sections, pavement patching identification and details, pavement design recommendations, inlet spacing and pipe sizing calculations, inroads modeling/cross section development of reconstructed roadways, and quantity calculations. Construction is complete on the 2022 and 2023 programs and the 2024 program is currently in construction.

Team Members Highlighted in this Proposal:
Dennis M. Hymel Jr., P.E., Paul Olivier, P.E., Abbey Falcon, P.E., James Ledet, P.E., Megan Miller, P.E., Luke Bourg, Miles Loker, E.I., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley, Joseph Maurin

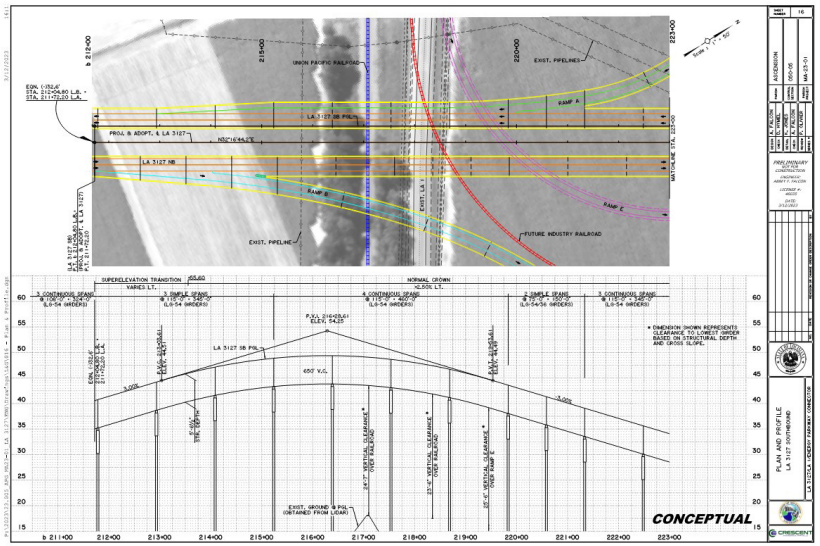
17. Firm Experience:

Firm name	**Crescent Engineering & Mapping, LLC**	**Discipline(s)***	Road
LA 3127 Extension (LA 70 to LA 1)		**Firm responsibility (prime or sub?)**	Prime
Project number	H.015688/MA-23-01	**Owner's name**	Ascension Parish Government/LADOTD
Project location	Donaldsonville, LA	**Owner's Project Manager**	Daniel Helms, P.E./Jacob Fusilier, P.E., PMP
Owner's address, phone, email	615 E. Worthey Street, Gonzales, LA 70737 225-450-1013 daniel.helms@apgov.us		
Services commenced by this firm (mm/yy)	09/21	**Total consultant contract cost ($1,000's)**	$196
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**	$196

The LA 3127 Extension project is located south of the city of Donaldsonville within Ascension Parish, LA. The project proposes to construct an 8.5 mile, 4-lane, divided rural roadway through virgin terrain around the city of Donaldsonville, connecting LA 1 near McCall, LA to LA 70 and LA 3127 south of Donaldsonville. The roadway would serve as an evacuation route, remove heavy truck traffic from the historic city and serve as a segment of the future Westbank Expressway connecting I-10 in Port Allen to I-310 in Boutte, LA. The project includes a 180' long, LG-36 girder bridge over Bayou Lafourche adjacent to the existing Palo Alto bridge as well as four (4) other bridge sites consisting of reinforced slab span bridges. The four-lane roadway will initially transition back to the existing 2-lane roadways at LA 1 and LA 70 and a future grade separated interchange is planned at the northern termini where LA 3127 Ext. crosses over LA 1 and the Union Pacific Railroad utilizing a 2400' long bridges with directional ramps, relocation of LA 1 and possibly railroad spurs to enter the Mega-Plex industrial site.

The project's early environmental review involved topographic surveys, SUE, Line and Grade, a Stage 0 Feasibility Study, and a NEPA document (Environmental Assessment). Challenges for route selection and design involved numerous underground utilities and industrial pipelines which exist throughout the corridor. Crescent is currently providing project management and overall coordination for the third party contract during the Environmental Assessment (EA) including review of the EA document and the roadway/bridge line and grade studies for consistency with the preliminary design effort, the Energy Transition Parkway Connector roadway to the Mega-Plex site and the **grade separated interchange over LA 1 and the Union Pacific Railroad** at the northern termini.

Crescent has completed the line and grade and design study for the grade separated interchange at the northern termini of the LA 3127 Ext. and its connection to the Mega-Plex's Energy Transition Parkway Connector roadway. This interchange included **dual 2,400 foot long curved bridge** overpass structures at LA 1 and the Union Pacific Railroad (LG 54 and LG 36 girders) which was braided below a 2,200 foot long, curved, relocated LA 1 bridge (LG 36 girders) along with **directional bridge ramps** (steel plate and U-Tub girders) over a proposed Union Pacific Railroad Wye track, and nearly **2 miles of roadway widening and re-alignment** for the interchange. Crescent was responsible for development of bridge and road design criteria, horizontal and vertical alignments, TS&L analysis, surveys, bridge typical sections, general plan/elevation and roadway plan/profile sheets. Upon completion of the EA, Final Plans and R/W maps will begin for the first phase of the LA 3127 Ext from LA 70 to Bayou Lafourche and the R/W will be purchased by LADOTD on both phases to preserve the corridor.



Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., P.E., Paul Olivier, P.E., Abbey Falcon, P.E., James Ledet, P.E., Luke Bourg, Matthew Ledet, P.L.S., Kelly Jones

17. Firm Experience:

Firm name	**Crescent Engineering & Mapping, LLC**	**Discipline(s)***	Survey
I-69 Frontage Road Connector (Stonewall Frierson)		**Firm responsibility (prime or sub?)**	Sub
Project number	H.005184, H.014054, H.014056	**Owner's name**	Louisiana Department of Transportation and Development (LADOTD)
Project location	Caddo and Desoto Parishes	**Owner's Project Manager**	Timothy Nickel, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225-379-1110; timothy.nickel@la.gov		
Services commenced by this firm (mm/yy)	10/24	**Total consultant contract cost ($1,000's)**	Unknown
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**	$1,214

The I-69 Frontage Road Connector (Stonewall Frierson) project is part of the overall I-69 Frontage Road corridor from I-49 to LA Hwy 1 located south of Shreveport, LA in Desoto and Caddo Parishes, as provided for in the I-69 Environmental Impact Statement (EIS), Segment of Independent Utility 15 (SIU-15). Three projects (H.014056, H.005184 and H.014054) combine to construct over 10 miles of Frontage Road for the future I-69 corridor. The frontage road is proposed as two (2) 12' lanes with 10' shoulders, with a portion consisting of the reconstruction and widening of Stonewall-Frierson Rd. (H.014056) from I-49 to Wallace Lake Rd., approximately 3.2 miles in length and the remainder (H.005184 and H.014054) through virgin terrain, terminating at LA Hwy 1 near the Caddo-Bossier Port.

Crescent Engineering & Mapping, LLC is a subconsultant on this project team and is responsible for setting all **primary survey control for all three (3) project segments, topographic survey of the I-69 Frontage Road Connector (Stonewall Frierson)** (H.014056) segment, **roadway design for the I-69 Frontage Road Connector segment** and bridge design for two structures on the I-69 FRTG. RD. CONN. (Ellerbe Rd to LA 1) segment at Bayou Pierre and Chico Bayou Relief. The project's primary control included **eight (8) deep rod monuments** driven to refusal and encapsulated in anti-settlement sleeves and nearly **30 miles of digital leveling** through these monuments. The topographic survey of the H.014056 segment consists of 3.7 miles of ± 250' wide .DTM full topographic surveys and drainage maps as well as nearly **1 mile of ±450' wide .DTM survey along I-49**. Roadway design of the H.014056 segment includes the reconstruction and widening of nearly 3 miles of the existing Stonewall Frierson Rd. to meet project requirements. Crescent has completed the primary survey control network and is scheduled to complete the topographic surveys by mid-2025.

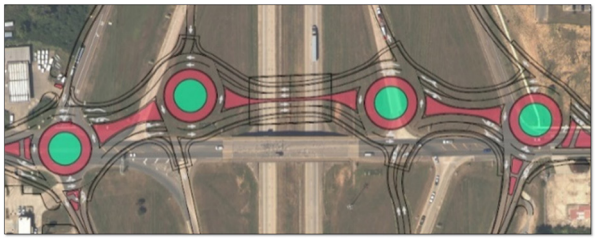
Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., P.E., Paul Olivier, P.E., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley, Joseph Maurin

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**	**Discipline(s)***	Road, Traffic
I-20: LA 544 Overpass Replacement		**Firm responsibility (prime or sub?)**	Prime

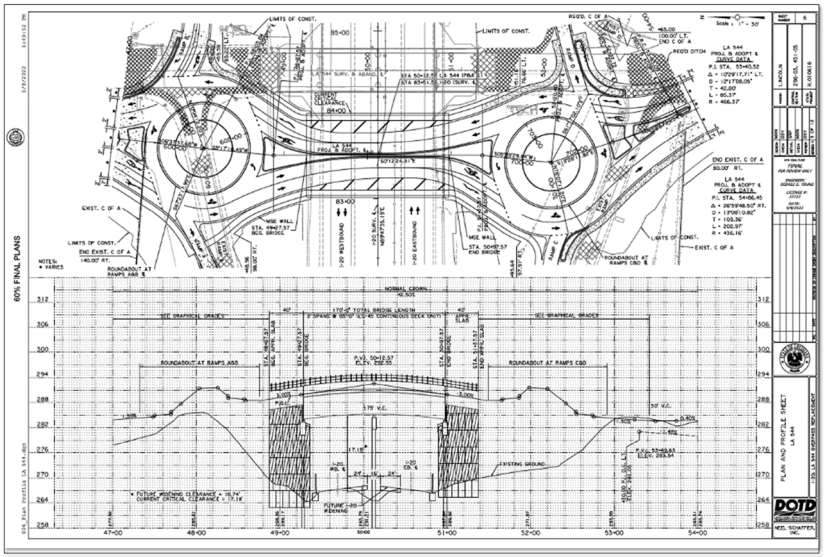
Project number	H.010616	**Owner's name**	Louisiana Department of Transportation and Development (LADOTD)
Project location	Lincoln Parish, LA	**Owner's Project Manager**	Jacob Fusilier, PE
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; 225-379-1185; jacob.fusilier@la.gov		
Services 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 and signal design QA, Sequence of Construction, hydraulic analysis and design, and MOT which maintains access to properties during construction. This project will replace the LA 544 Overpass diamond interchange with a roundabout diamond interchange. The project includes four multilane roundabouts (two entrance/exit ramps at 3% grade), a new bridge over I-20, roadway improvements to I-20 and the ramps, and roadway widening (from 2 to 4 lanes) along LA 544 an urban atrial roadway. The bridge design and retaining wall design will be completed by DOTD.



Challenges:

1. Multilane roundabouts on 3% longitudinal grade, in high fill, partially on bridge and open to traffic
2. Large grade changes required along ramps without impacts to the gores.
3. Structural design by DOTD while roadway design is completed by consultants.



Solutions:

1. NSI designed 65 pages of 13 phased construction with models to consider each phase and final joint layout and elevations.
2. 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.
3. 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.

Project Relevance:
DOTD project; Traffic and road design; Intersection improvements; Design to DOTD guidelines; DOTD review and approval

Key Personnel:
Dishili Young, Chance Shuckrow, Scott Andrepont, Josh Schexnider, Frank Standige, Jacob Thiaville

17. Firm Experience:

Firm name	**Neel-Schaffer, Inc.**	**Discipline(s)***	Traffic, Road
IDIQ for Road Design Projects		**Firm responsibility (prime or sub?)**	Prime
Project number	H.0144366, H.015226, H.016158	**Owner's name**	Louisiana Department of Transportation and Development (LADOTD)
Project location	Calcasieu, Ascension, Tangipahoa, and St. Mary Parishes	**Owner's Project Manager**	Cathy Masin, Mohammad Nur, D'Lon Spurlock, & James Fogleman
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; 225-379-1652; Catherine.Mastin@la.gov, Mohammad.Nur@la.gov; Dlon.Spurlock@la.gov; James.Fogleman@la.gov		
Services commenced by this firm (mm/yy)	03/23	**Total consultant contract cost ($1,000's)**	$5,000
Services completed by this firm (mm/yy)	03/28	**Cost of consultant services provided by this firm ($1,000's)**	$1,410

Neel-Schaffer, Inc. (NSI) was selected for the IDIQ contract with DOTD to conduct Roadway Design Services. These Roadway Design Services include roadway plan development and traffic engineering design services. NSI will provide all services required to complete the construction plan set. These services include **road design, traffic design, traffic control design, traffic signal analysis and design, hydraulic analysis and design, transportation management plans**. In addition to plan development, cost estimates, special provisions write ups, quality plan reviews, and construction support are provided. NSI is willing to assist in public, stakeholder meetings and provide documents needed for the environmental process.

The task orders under this contract are as follows:

1. **US 90: Roundabout a LA 101 (Calcasieu) (SPN. H.015226)**; This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum right of way taking and detention pond design.
2. **LA 621: Realignment @ LA 73 (Ascension) (SPN. H.014366)**; This project will widening LA 73 and realign LA 621 near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, Transportation Management Plan, and 1 mile of mill and overlay for LA 621.
3. **LA 16: N 2nd Street to LA 445 (Tangipahoa Parish) SPN. H.009425.5**; Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1000'east of Duncan Avenue.
4. **LA 182: US 90 - Greenwood Road Overpass (St. Mary Parish) SPN. H.016158**; Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City, Louisiana. The scope of work includes pavement patching, 4" mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.

Project Relevance:

Preliminary and Final Plans; Highway Design; Plan Quality Assurance; Includes Safety Improvements; Safety improvements: Traffic Analysis and Safety Analysis

Key Personnel:

Dishili Young, Mai Nguyen, Chance Shuckrow, Nick Ferlito, Ellen Howard, Jonathan Duhe, Josh Schexnider, Gary LeBlanc, Phil Graves

17. Firm Experience:

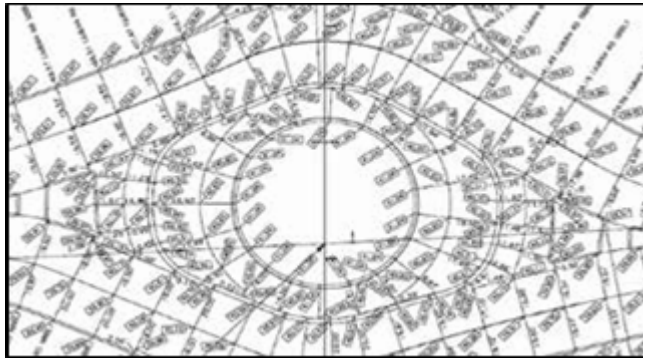
Firm name	**Neel-Schaffer, Inc.**	**Discipline(s)***	Road
LA 1026 (Juban Rd) Widening (I-12 to US 190)		**Firm responsibility (prime or sub?)**	Prime
Project number	H.004634	**Owner's name**	Livingston Parish/Louisiana Department of Transportation of Development (LADOTD)
Project location	Livingston Parish, LA	**Owner's Project Manager**	Peggy Paine, PE
Owner's address, phone, email	PO 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

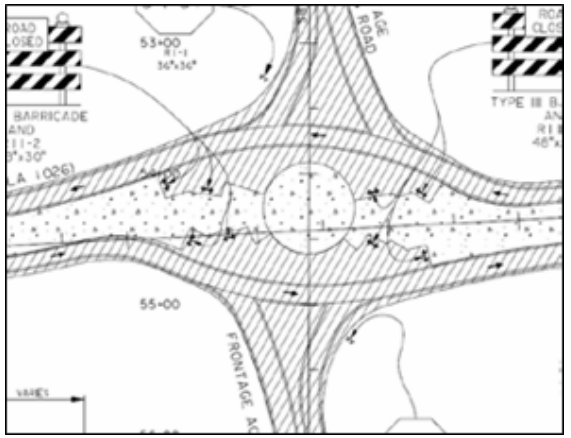
Neel-Schaffer was selected as prime consultant to complete the preliminary and final roadway plans, hydraulic analysis and design, construction cost estimates, and construction support. The project includes three multilane roundabouts and will widen existing LA 1026 (Juban Road), an Urban Arterial roadway, from an existing two-lane road with side ditches to a four-lane Blvd with storm sewer drainage, roadside ditches and a combination of both along select segments of the roadway. The intersection of LA 1026 (Juban Road)/ US 190 (Florida Blvd) will be improved with a roundabout in this project. The images below show how the Sequence of Construction considered the joint layouts during construction phasing. The bottom image shows the overall project in concept form. Project is currently under construction.

Project Challenge/Solution: The project was let as two design packages which required roadway design (horizontal and vertical alignments) and drainage designed to work for both phases; Interim build and full build conditions.

Project Relevance: DOTD project; Similar SOW; Design to DOTD guidelines; DOTD review and approval; No lane closures or detours

Firm Members: Dishili Young, Chance Shuckrow, Scott Andrepont, Charles Adams, Josh Schexnider





This project begins at the intersection of LA 1026 (Juban Road) and the I-12 north interchange ramps and continues to the intersection of LA 1026 (Juban Road) and US 190 (Florida Blvd) and ends approximately 2,000 feet east and west along US 190 (Florida Blvd) from the intersection of LA 1026 (Juban Road).

17. Firm Experience:

Firm name	**Vectura Consulting Services, LLC**	**Discipline(s)***	Traffic
Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study		**Firm responsibility (prime or sub?)**	Sub

Project number	H.972462.1	**Owner's name**	New Orleans Regional Planning Commission
Project location	Slidell, LA	**Owner's Project Manager**	Nelson Hollings
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org		
Services commenced by this firm (mm/yy)	12/23	**Total consultant contract cost ($1,000's)**	$65
Services completed by this firm (mm/yy)	07/24	**Cost of consultant services provided by this firm ($1,000's)**	$30

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

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

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

Task 2 Traffic Study

This task included the following elements:

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

Task 3 Safety Analyses

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

Personnel Utilized on this project: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

17. Firm Experience:

Firm name **Vectura Consulting Services, LLC**		**Discipline(s)***	Traffic
US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study		**Firm responsibility (prime or sub?)**	Sub
Project number	N/A	**Owner's name**	City of Slidell
Project location	Slidell, LA	**Owner's Project Manager**	Eric Lundin
Owner's address, phone, email	250 Bouscaren St. Slidell, LA 70458; 985-646-4320; elundin@cityofslidell.org		
Services commenced by this firm (mm/yy)	09/17	**Total consultant contract cost ($1,000's)**	Unknown
Services completed by this firm (mm/yy)	11/17	**Cost of consultant services provided by this firm ($1,000's)**	$38.8

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

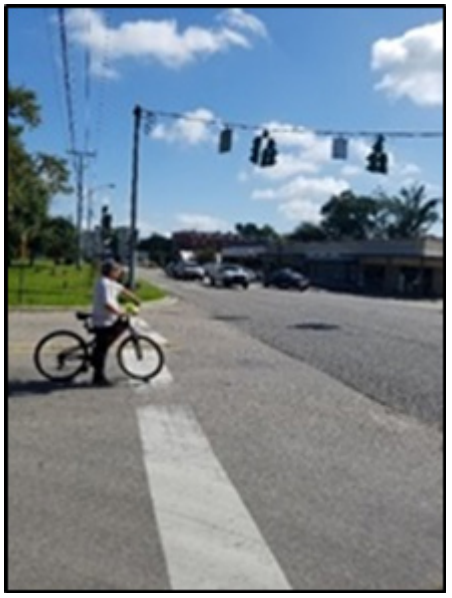
Data Collection:

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

Draft Traffic Study

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

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



Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

17. Firm Experience:

Firm name	**Vectura Consulting Services, LLC**	**Discipline(s)***	Traffic
South Range Road Safety and Operational Enhancements Stage 0		**Firm responsibility (prime or sub?)**	Prime

Project number	T-1.24RR	**Owner's name**	New Orleans Regional Planning Commission
Project location	Tangipahoa Parish, LA	**Owner's Project Manager**	Nelson Hollings
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org		
Services commenced by this firm (mm/yy)	12/23	**Total consultant contract cost ($1,000's)**	$55
Services completed by this firm (mm/yy)	07/24	**Cost of consultant services provided by this firm ($1,000's)**	$40

The purpose of this study was to conduct a corridor analysis along this portion of Range Road in the Hammond area of Tangipahoa Parish. This study examined the specific operating conditions of the intersection of Old Covington Highway and Range Road, land uses and operations or nearby trip generating land uses, and to identified conceptual, feasible improvements at and adjacent to the intersection that would enhance the safety and operations of all roadway users of said corridor.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

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

Task 2 Traffic Study

This task included the following elements:

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

Task 3 Safety Analyses

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

Personnel Utilized on this project: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Reece Rodrigue, Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

H.015568 - LA 44: Pelican Point Roundabout and Widening
Preliminary Plans Layout
Ascension Parish, LA

18. Approach and Methodology:

YOUR PROJECT TEAM

The staff at Crescent Engineering & Mapping, LLC (Crescent) offers a combined over **100 years of DOTD road design, surveying and related experience** with a proven track record of successful project delivery. Crescent's design team is led by Dennis M. Hymel, Jr., P.E. and Paul I. Olivier, P.E., who together, have successfully delivered many DOTD projects of all sizes, types and complexities including roadway widening, roadway reconstruction, intersection improvements, roundabouts, and bridge widenings and replacements. Additionally, our QC Manager, James "Jimmy" Ledet, P.E., has been **involved in DOTD design projects since 1986**, providing a wealth of knowledge and experience during plan and constructability reviews.

Crescent's teaming partners were strategically assembled to enable our project team to deliver on a wide variety of projects which may be assigned to this IDIQ contract. Neel-Schaffer, Inc. provides a strong compliment to Crescent with their roadway and traffic services. Neel-Schaffer can participate in this IDIQ in multiple ways, whether that involves providing traffic studies, traffic signal inventory or design, Traffic Management Plans (TMPs), or by assisting Crescent with roadway design elements. This partnership provides enhanced flexibility and bench strength to DOTD enabling our team to **handle multiple Task Orders simultaneously** to assist the Road Design Section. Both Crescent and Neel-Schaffer together provides DOTD with a vast amount of resources as both firms can work independently or together to deliver Task Orders under the direction of Crescent's Project Manager, depending on the volume of assistance requested by DOTD. Vectura Consulting Services, LLC (Vectura) will provide additional traffic engineering support and is well versed in providing traffic studies, traffic signal design and TMP's for DOTD.

Crescent's Team DOTD Project Experience

- ✓ Safety Improvements
- ✓ Interstate Widening
- ✓ Sidewalk and Pedestrian Enhancements
- ✓ Traffic Studies, Signal Improvements
- ✓ Traffic Modeling & Analysis
- ✓ Topographic Surveys
- ✓ Turn Lanes
- ✓ Roundabouts
- ✓ Rural & Urban Widening
- ✓ New Corridors (Rural & Urban)

In addition, should any structural elements (bridges, sign trusses, guardrail or barrier rails) be required within this IDIQ, or necessary to fit projects within existing R/W, and if DOTD cannot provide these services, our team has the knowledge, resources and DOTD experience with structures to deliver these elements in addition to the our roadway design experience, **providing a suite of services which can be expanded to meet DOTD's needs** for various IDIQ Task Orders.

PROJECT UNDERSTANDING & CRITICAL ISSUES

Our team understands the unique challenges faced by the DOTD Road Design staff in delivering roadway design projects, especially when additional funding is provided for projects or when the need arises to have additional projects on the shelf available for when additional funding is identified. Throughout the lifecycle of this contract, varying amounts and types of resources will be required to complete the potential T.O.'s under this IDIQ. Crescent's team has been **assembled to support DOTD on a wide array of potential projects** which could be issued as a T.O., whether that involves roadway design for simple intersection modification, single or multi-lane roundabouts, roadway widenings, new corridors, traffic analysis, traffic signal design and general traffic support to other projects, safety projects, topographic surveying, hydraulic analysis, TMPs, plan reviews, technical research and guidance or construction support. The Crescent team has the experience, resources and knowledge to successfully deliver these services to DOTD, and even on expedited schedules. We understand the distinct differences in scope, delivery time and DOTD's expectations that come with a wide range of Task Orders and our project team has an extensive history of successfully delivering these types of projects for DOTD as evidenced in Sections 16 and 17. We understand that successful delivery of the Task Orders under this IDIQ requires a true **partnership between DOTD and the Consultant**, working to supplement the capabilities of the Road Design section. Our staff's working relationship with DOTD's staff, as shown by our experiences, already has an established foundation, which will allow our team to integrate seamlessly with DOTD's staff and will ultimately drive these Task Orders to successful completion.

Crescent's staff possess a wealth of experience, and our team provides **ample resources and a deep bench of design staff** to augment DOTD's efforts and assist in **delivering a large workload** amid the most stringent of timelines. Crescent's staff and teaming partners have provided design and survey services throughout the State of Louisiana, working in every DOTD District.

18. Approach and Methodology:

PROJECT APPROACH

Project Scoping and Kick-Off Meetings

Upon initial notification from DOTD regarding a potential T.O., Crescent will schedule a meeting to gather project information and discuss project scoping elements including termini, delivery schedule, milestone plan submittals, and design review meetings. Crescent's Project Manager will establish communication protocols with DOTD, will uphold DOTD's invoice requirements, and will establish the initial project schedule based on DOTD's requirements. Crescent' project schedule will be based on critical path (CPM) items, using Microsoft Project or Primavera, with concurrent tasks being utilized to expedite project delivery. Additionally, Crescent will create an environment of **early coordination and clear communication** with DOTD's Project Manager, which has been proven on multiple past projects, including the use of an assumptions matrix with each line item, to not only create definitive design tasks and manhours but also to **expedite the negotiation process and drives the overall successful delivery of the project** from its inception to completion.

Following receipt of a NTP, Crescent will schedule a Project Kick-Off Meeting with the DOTD PM and any additional DOTD Task Managers, as needed. Prior to the meeting, Crescent will provide an updated project schedule from the Scoping Meeting, which will help in identifying critical path tasks and mitigate potential project delays. Additionally, **Preliminary Design Criteria and Design Report Forms will be submitted in advance** of the meeting which will allow the project team and DOTD to share a common understanding of the project's design parameters and goals in advance of the meeting. In addition to project schedules, design criteria and report forms, we will discuss critical design elements and existing project information (previous studies (if any), crash history, as-builts, utilities, etc.). Crescent will provide meeting agendas for all scoping, kick-off and project meetings as well as meeting minutes within three (3) days.

TOPOGRAPHIC SURVEY

Crescent offers ample resources to provide the topographic surveying services for this contract in support of roadway design Task Orders. Crescent's Survey Manager, Matthew Ledet, P.L.S. (Crescent) has a long history of working with DOTD, both through Survey IDIQ, Roadway IDIQ contracts and standalone projects. Crescent's engineering staff work directly with our survey staff members throughout scoping, data collection and survey deliverable creation, which allows the team to **maximize efficiency** and provide a **seamless coordination** effort between the design and survey groups while being **able to deliver multiple surveys concurrently**. Our team's survey resources for this IDIQ enables us to deploy multiple survey field crews simultaneously, all experienced in DOTD surveys and procedures and have the capacity of engineering staff to **immediately put those surveys into the design process.**

We understand that there may be major differences between the scope and magnitude of topographic survey that is required for various Task Orders. The topographic survey will adhere to all requirements of DOTD's Location and Survey Manual and will include site specific GPS control establishment with digital levels run between these points and depicted on control sketches. The full topographic survey limits (.DTM width and length) will be discussed at the initial scoping meeting as well as major topographic features (drainage, utilities, etc.) required for the project.

Crescent Engineering & Mapping SURVEY ADVANTAGE

Crescent owns the latest in Trimble® Survey equipment, operated by our in-house survey crews for roadway and bridge projects. Providing surveys in-house allows for seamless coordination and communication of survey needs directly from our engineering staff to the field. Additionally, in-house survey services allow for immediate deployment of survey crews and near instantaneous data review, eliminating missing data and ensuring the most expedient project delivery. Lastly, should additional data be required during design, these services can be immediately performed, eliminating costly delays caused by subconsultant coordination.

Our surveyors are well positioned to make the **upcoming transition to OpenRoads Designer (ORD)**. Our staff have **trained on ORD as early as 2021** and have recently had additional training with DOTD Location and Survey during the **DOTD 4-day Survey for ORD** training classes held by Zen Engineering, LLC at DOTD in October 2024. Additionally, our survey and engineering design staff are very familiar with **identifying existing utilities, coordination with the utility companies** for markings and as-builts, as well as **identifying and mitigating utility conflicts**. Our staff is also familiar with Subsurface Utility Engineering (SUE) services and how to utilize these services to expedite project delivery or mitigate conflicts to drive projects to completion.

TRAFFIC CONTROL DESIGN, TRAFFIC SIGNAL DESIGN, TRAFFIC STUDIES

Our team understands that Task Orders may involve traffic design aspects as part of an overall project, or a Task Order may require only traffic design and related services. Our team members **Neel-Schaffer and Vectura** provide a vast amount of **experience and a longstanding history of providing these services to DOTD** including preparing comprehensive traffic studies, VISSIM modeling, design of traffic control devices, traffic signal analysis and design, Traffic Signal Inventory (TSI), and preparing plans for traffic signals and permanent signage.

18. Approach and Methodology:

Traffic signal design will be completed in accordance with DOTD's Traffic Signal Manual V3 (7-1-2020) and plans will use DOTD's Traffic Signal Inventory Construction Plan V3.2 form. Traffic studies will follow DOTD's requirements including Traffic Engineering Analysis Process and Report (TEPR). Our traffic engineers will work closely with DOTD Traffic during modeling and traffic analysis and will collaborate with our roadway designers to utilize existing equipment, when possible, and if not, we will provide signal equipment locations which minimizes the required new equipment.

PRELIMINARY & FINAL ROADWAY PLANS

After our engineering staff have reviewed and approved the topographic survey data, traffic studies and/or analysis and have gathered all other applicable project information, preliminary design will begin. Crescent understands the requirements of each of the typical milestone submittals for a roadway design project including the 60%, 95%, and 100% preliminary submittals, as well as a 30% for more geometrically intensive projects, such as roundabouts. All designs will be in accordance with guidelines as set forth in DOTD's Roadway Design Procedures and Details, AASHTO's A Policy on Geometric Design of Highways and Streets, DOTD's 2017 Minimum Design Guidelines, the 2011 Hydraulics Manual, and all other applicable manuals. **Our roadway staff are also well positioned to handle the transition into OpenRoads Designer** as several design staff attended a 5-day OpenRoads training program as early as 2021. Should bridge design be included in a T.O., our staff are extremely familiar with DOTD Bridge Design requirements, have extensive DOTD bridge design experience and will adhere to DOTD's BDEM and relevant AASHTO Guidelines in delivering this scope of work, if necessary.

Crescent uses all LADOTD approved software including: *Microstation/Inroads, Open Roads Designer, ProjectWise, Interplot Organizer, CADConform, BlueBeam Revu.*

Design Reports & Design Criteria

Prior to the first Preliminary Plans submittal, Crescent will deliver a revised Design Report Form that will include any modifications from the project kick-off meeting. **Finalizing project design criteria in the early stages** of preliminary design will ensure that the project team and DOTD are in concurrence with major project elements, bringing design into focus and allowing the project to **move quickly to the Plan-in-Hand stage**.

Preliminary Plans & Hydraulics

Upon approval of design reports and criteria, development of major design items including horizontal and vertical geometry, drainage, and roadway cross-sectional elements will begin. Hydraulic analysis will be conducted utilizing DOTD's HYDRWIN and/or HEC-RAS programs, and calculations will be provided to DOTD with the 60% Preliminary submittal. Coordination with DOTD's PM regarding **completion of geotechnical** is imperative early in the project to receive the final pavement section prior to the beginning of 60% design. This not only ensures that early cost estimates are accurate but mitigates drainage design cover issues as vertical geometry is developed. Early confirmation of roadway geometrics and drainage design enables the project team to create an accurate corridor model in Inroads, provides a realistic depiction of the limits of construction and determination of potential R/W takings.major project elements, bringing design into focus and allowing the project to move quickly to the Plan-in-Hand stage.

With the project footprint being established, the project team then can determine if property surveys are needed, and if so, schedule these with the DOTD PM. Determination of existing R/W lines at this stage will enable the design team to establish accurate R/W taking lines ahead of the Plan-in-Hand Meeting. Additionally, our team will identify potential utility conflicts at the 60% preliminary stage, allowing for an early development of a utility conflict matrix and potential mitigation strategies. **Identifying R/W requirements and utility conflicts early avoids potential scheduling and letting delays**. While we understand that Subsurface Utility Engineering (SUE) is not part of the current scope of this contract, our project team is well versed to assist DOTD in scoping and review of these services.

The 95% and 100% Preliminary design stages will predominantly be used to finalize major design elements, establish pay items and quantities, further develop cost estimates, establish a construction phasing plan, and finalize Design Report Forms as well as any Design Exceptions or Waivers, if necessary. Providing Final Design Reports, Exceptions and Waivers during this stage will **enable the project team and all stakeholders to concur on all major design decisions** prior to commencement of Final Plans. We will meet with all project stakeholders at the Plan-in-Hand meeting to discuss major design elements, R/W and utility impacts, and afterwards, provide meeting minutes and comment resolutions prior to the 100% Preliminary submittal, which will include an updated Construction Cost Estimate, Constructability/Biddability Review Forms, Design Report Forms/Exceptions/Waivers, SWPPP and any other pertinent documents. Crescent is also experienced with providing **environmental permit drawings, hosting public meetings and providing overall assistance** to the DOTD Environmental section through this process.

Final Plans

Following environmental clearance and NTP for Final Plans, Our team will develop any additional plan sheets required including details, geometric layouts, graphical grades, erosion control plans, striping/signing plans, and quantity summary sheets at the 60% Final Plans stage. Comments will be addressed and the 95% Final Plans delivered ready for the ACP Review meeting. We understand that not all projects require a review from DOTD's Plan Quality Unit (PQU), but if a review is included, Crescent's staff has a **history of working with PQU** and is well prepared to address any plan comments. Crescent will work with LADOTD staff to input pay items and quantities into AASHTOWARE and generate final cost estimates. Upon addressing all ACP meeting, PQU, and/or Chief's comments, plans will be sealed by the project team's Engineer of Record. Any Special Provisions that are necessary for Task Order projects or for other projects will be developed by our team to amend the Standard and Supplemental Specifications, as needed on a project specific basis and we will work with General Files to have these included in the proposal document. We will also assist in developing the proposal if needed as well as promptly addressing Falcon questions during letting.

TRANSPORTATION MANAGEMENT PLANS (TMP)

All team members (Crescent, Neel-Schaffer and Vectura) are well versed in the development of TMPs for both large and small projects (Level 1 through 4). Crescent's staff have previously completed a variety of TMP's from Level 2 on simple projects to Level 4 TMP for large Interstate projects. Our team understands the planning and coordination efforts required with multiple sections of DOTD as well as the PIO and District personnel and will follow the EDSM and TMP checklists and flowcharts through this process. Neel-Schaffer and Vectura will provide all safety and crash analysis, additional traffic counts and analysis, temporary signalization and Work Zone Impact Management Strategies. The TMP will be drafted in Preliminary Plans and updated with the 60% FP submittal and include FHWA's guidance on developing and implementing TMP's for Work Zones and a Work Zone Impact Management Strategy included to minimize risk and reduce delays to the public.

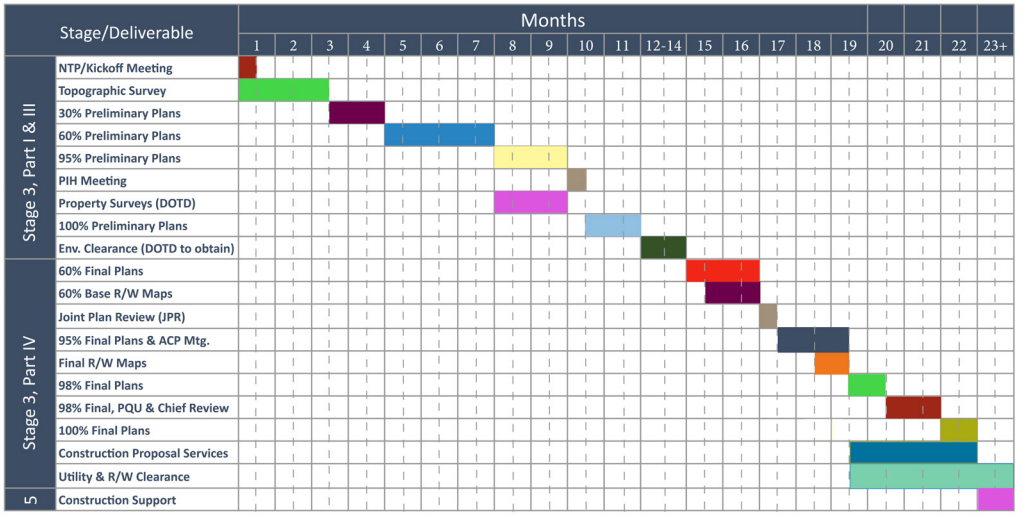
QC/QA, QUALITY PLAN REVIEWS, TECHNICAL RESEARCH/GUIDANCE

Proper QC/QA is a critical component of any successful project and Crescent has designated a QC/QA manager for our team's plans, **James "Jimmy" Ledet, PE, with 40 years of experience involving LADOTD projects**. Each submittal will be accompanied by LADOTD QC/QA certification forms and other checklists. Crescent has developed **extensive internal plan review checklists for each specific project type** including survey, roadway, roundabouts and more which help **ensure the highest quality plans** produced under our Task Orders but **can also be applied to third party plans if requested to provide this service** for projects developed by DOTD or other Consultants. Design and plan comments, along with their resolutions will be documented in Crescent's Design Comment Review forms and submitted to DOTD for concurrence following each submittal stage or as part of a Quality Plan Review. The deep bench of staff and industry leaders provided by our project team is available to assist DOTD with technical research and advice, software enhancements and updates to manuals and procedures.

CONSTRUCTION SUPPORT

Our team includes several design staff who have previously provided Construction Support services on DOTD projects as well as full Construction Engineering and Inspection (CE&I) services to DOTD. We are well positioned to provide DOTD with Construction Support and within the timeframes given in the Scope of Work by assisting with RFI's, reviewing shop drawings, evaluating contractor submittals, attending construction meetings, and by providing on-call services for minor design changes and corrections within 7 days. Crescent as a firm is extremely agile in structure and is poised to pivot to address DOTD's needs almost instantaneously.

PROPOSED PROJECT SCHEDULE (TYPICAL ROAD DESIGN WITHOUT TRAFFIC)



SECTION 19-23

Parish-Wide Roadway Rehabilitation Program

FY 2022 - FY 2024

St. James Parish

Roadway EOR: Dennis M. Hymel, Jr., P.E.

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
CRESCENT ENGINEERING & MAPPING LLC	Road	44-24591; H.014992	McHugh Road Over Brushy Bayou	$2,323
	Bridge	44-24591; H.014992	McHugh Road Over Brushy Bayou	$19,538
	Planning	44-27180; H.016012	Transportation Alternatives Program (TAP), Task Order No. 1 (Technical Assistance to LPA's)	$361
	Road	44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	$7,073
	Bridge	44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	$10,610
	Road	44-28434; H.015568	LA 44: Pelican Point Roundabout and Widen	$298,992
	Bridge	44-28434; H.015568	LA 44: Pelican Point Roundabout and Widen	$46,478
	Survey	44-27735; H.014056	I-69 Frontage Road Connector (Stonewall Frierson)	$557,802
	Road	44-27735; H.014056	I-69 Frontage Road Connector (Stonewall Frierson)	$379,580
	Bridge	44-27735; H.014054	I-69 Frontage Road Connector (Ellerbe Rd to LA 1)	$119,262
	Road	44-24585; H.014980	Chinaberry Drive over Unnamed Coulee	$26,671
	Bridge	44-24585; H.014980	Chinaberry Drive over Unnamed Coulee	$4,706
NEEL-SCHAFFER Solutions you can build upon	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide (PRIME)	$48,091
	ITS	4400010428 EWL 3, H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements (SUB)	$805
	Planning	4400015733, H.972374.1	Local Public Agency Documented Planning Process, Statewide	$103,931
	Road	4400017293, H.010616	I-20: LA 544 Overpass Replacement	$26,300
	ITS	440005459, H.004780.5	Kansas Lane Connector, S.A. #6	$5,234
	ITS	4400016364, H.011504.5	Alexandria ITS Phase 2	$2,644
	Traffic	4400017438, H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville & WBR	$155,222
	Traffic	4400018271, H.014746.1	LA 383 Corridor Study (project on hold and should not count as backlog)	$13,195
	Traffic	4400018271, H.014746.5, SA #2	LA 383 Corridor Study (project on hold and should not count as backlog)	$59,915
	Planning	4400018271, H.014746.1	LA 383 Corridor Study (project on hold and should not count as backlog)	$94,106

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
NEEL-SCHAFFER Solutions you can build upon	Planning	4400021094	Update Statewide Transportation Plan and Travel Demand Model	$16,945
	Traffic	4400026458, H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	$38,253
	Road	4400024927, H.015226.5	US 90: Roundabout at LA 101	$62,647
	Traffic	4400025299, H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	$269,520
	Traffic	4400025299, H.015645.5	LA 47 Hayne Blvd Safety Improvements	$108,233
	Road	4400024927, H.014366.5	LA 621 Realignment at LA 73	$337,398
	Traffic	4400024927, H.014366.5	LA 621 Realignment at LA 73	$91,884
	Traffic	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	$51,651
	Planning	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	$5,318
	Road	4400023689, H.013622.5	LRSP Ardenwood Dr. Road Diet	$156,280
	Road	4400024927, H.009425.5	LA 16: N 2nd St. to E. of Duncan Ave.	$166,338
	Traffic	4400025299, H.015986.5	I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study	$140,815
	Road	4400028434, H.015568.5	LA 44: Pelican Point Roundabout and Widen	$153,864
	Traffic	4400023689, H.015574.5	LCG FYA Signal Improvements Phase 2	$337,268
	Traffic	4400028585, H.014516.5	MILLS AVE & REES ST INTERSECTION IMP	$132,255
VECTURA CONSULTING SERVICES, LLC	Traffic	4400017293	I-20: LA 544 Overpass Replacement	$74,429
	Traffic	4400005484	New Orleans Rail Gateway Avondale EA	$59,571
	CE&I/OV	4400020018	EBR Computerized Traffic Signal, Ph VB	$66,032
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$11,202
	Traffic	4400021519	KCS RR Overpasses HBI	$572
	Traffic	4400023075	S. Lewis Street Widening	$7,499
	ITS	4400017922	C/AV Team and Working Group Support	$6,820
	Traffic	4400025299	LA 47 Hayne Blvd Safety Improvements	$17,303
	Traffic	4400018271	LA 383 Stage 0 Corridor Study	$20,146
	ITS	4400016364	Houma Regional ITS Architecture Update	$10,746
	Traffic	4400025299	Dist. 02H Flashing Yellow Arrow Part 2	$265,766
	Traffic	4400026913	East Street & Parkview Drive Sidewalks	$48,068

20. Certifications/Licenses:

CRESCENT ENGINEERING & MAPPING LLC

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Dennis Hymel

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

Louisiana Department of Transportation & Development

Date: January 12-14, 2021 *Hours of Instruction:* 18

Location: Virtual Delivery, LA

Instructor

Instructor

Allison H. Landry
Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

national highway institute

CERTIFICATE OF TRAINING

Dennis Hymel, Jr.

has participated in

NHI Course No. FHWA-NHI-135086

Stream Stability Factors and Concepts (Prerequisite) WEB-BASED

Hosted by: **National Highway Institute**

Location: *Web-Based Course* ***Hours of Instruction:*** *1 hours*

Date: *12/29/2022*

Thomas Harman
Thomas Harman, Director
National Highway Institute

ZEN

OPENROADS FUNDAMENTALS

CERTIFICATION OF COMPLETION

THIS OFFICIALLY CERTIFIES THAT

DENNIS HYMEL, Jr.

HAS SUCCESSFULLY COMPLETED THE OPENROADS FUNDAMENTALS CLASS
STARTING ON THE 12TH OF JULY 2021 AND ENDING ON THE 16TH OF JULY 2021
AND HAS EARNED 24 PROFESSIONAL DEVELOPMENT HOURS

by Karl Dauber
(Zen Engineering Instructor)

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Dennis Hymel

has participated in

NHI Course No. FHWA-NHI-134006A

Introduction to Utility Coordination for Highway Projects

hosted by

National Highway Institute

Location: *Web-Based Course* ***Hours of Instruction:*** *4 hours*

Date: *4/1/2019*

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

20. Certifications/Licenses:

CRESCENT
ENGINEERING & MAPPING LLC

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

DENNIS HYMEL, JR.

has participated in

FHWA-NHI-134006 Utility Coordination for Highway Projects

hosted by

LA DOTD/LTRC

Date: *April 2-3, 2019* *Hours of Instruction:* 12

Location: *Baton Rouge, LA*

Instructor — Allison H Landry, Local Coordinator

Instructor — Michael Davies, Director, National Highway Institute

Certificate of Professional Development Hours

presented to

Dennis M. Hymel, Jr.

for attending the

Highway Safety Manual Workshop

12.0 PDHs

on

December 3-4, 2014 Baton Rouge, Louisiana

Authorized By

DOTD Louisiana Department of Transportation & Development

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Dennis Hymel

has participated in

NHI Course No. FHWA-NHI-130081P

General Superstructure Design Considerations (Web-based)

hosted by

National Highway Institute

Location: *Web-Based Course* ***Hours of Instruction:*** *3 hours*

Date: *10/12/2016*

Valerie Briggs, Director
National Highway Institute

DOTD Louisiana Department of Transportation & Development

LTAP Local Technical Assistance Program

Certificate of Attendance

PRESENTED BY

Louisiana Department of Transportation and Development
And
Louisiana Local Technical Assistance Program

TO CERTIFY THAT

Dennis Hymel

HAS SATISFACTORILY COMPLETED 4 HOURS OF TRAINING

Bridge Load Rating in Louisiana

Director Local Technical Assistance Program

September 25, 2015
Date

Baton Rouge, Louisiana
Location

20. Certifications/Licenses:

CRESCENT ENGINEERING & MAPPING LLC

Certificate of Attendance

Dennis Hymel

has participated in

AASHTOWare Bridge Rating Fundamentals Training

hosted by

LA DOTD/LTRC

Date: August 1st-2nd, 2017
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH(s) Awarded: 12

Herman Lee, P.E., PMP
Michael Baker International

Michael S. Pichura, P.E.
Michael Baker International

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Dennis Hymel

has participated in

NHI Course No. FHWA-NHI-130101

Introduction to Safety Inspection of In-Service Bridges - WEB-BASED

hosted by

National Highway Institute

Location: *Web-Based Course* ***Hours of Instruction:*** *14 hours*

Date: *1/4/2016*

Valerie Briggs, Director
National Highway Institute

National Highway Institute

Certificate of Training

Dennis Hymel

FHWA - NHI Course No. 142005
NEPA and the Transportation Decision-making Process (3 Days)

LA DOTD/LTRC

National Highway Institute

Certificate of Training

DENNIS HYMEL

FHWA-NHI-380096 Modern Roundabouts: Intersections Designed for Safety

LA DOTD/LTRC

Date: July 11, 2017 *Hours of Instruction:* 6

20. Certifications/Licenses:

CRESCENT ENGINEERING & MAPPING LLC

National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

NHI NATIONAL HIGHWAY INSTITUTE

Certificate of Training

Dennis Hymel, Jr.

has participated in

FHWA-NHI-130081 LRFD for Highway Bridge Superstructures

hosted by

LA DOTD/LTRC

Date: October 17-20, 2016 *Hours of Instruction:* 25

Location: Baton Rouge, LA

Instructor — Local Coordinator

Instructor — Valerie Briggs, Director, National Highway Institute

National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

NHI NATIONAL HIGHWAY INSTITUTE

Certificate of Training

Dennis Hymel

has participated in

FHWA-NHI 130055 Safety Inspection of In-Service Bridges

hosted by

LA DOTD/LTRC

Date: January 4-15, 2016 *Hours of Instruction:* 67

Location: Baton Rouge, LA

Guy R Lang PE — Instructor

Allison H. Landry — Local Coordinator

Instructor

Valerie Briggs, Director, National Highway Institute

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Attendance

Local Public Agency Qualification Core Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
And
The Federal Highway Administration

TO CERTIFY THAT

Dennis Hymel

HAS SATISFACTORILY COMPLETED 5 HOURS OF TRAINING

October 30, 2012 — Date

Director of Local Public Agency Program

Houma, Louisiana — Location

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Attendance

Local Public Agency Construction Engineering and Inspection (CE&I) Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
And
The Federal Highway Administration

TO CERTIFY THAT

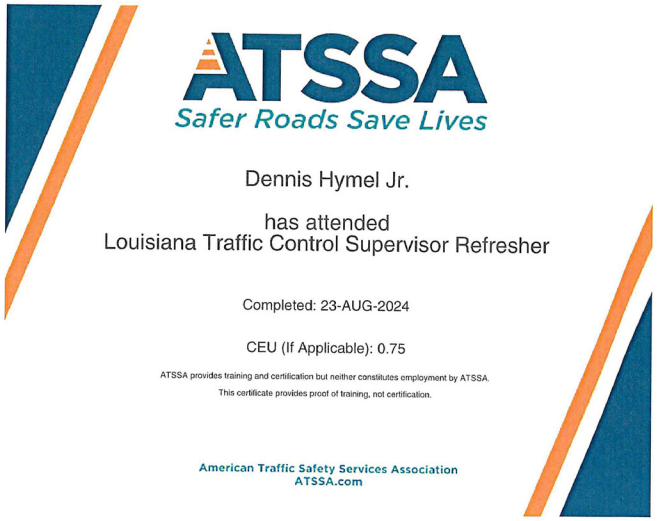
Dennis Hymel, Jr.

HAS SATISFACTORILY COMPLETED 6.5 HOURS OF TRAINING

August 15, 2013 — Date

Director of Local Public Agency Program

Lafayette, Louisiana — Location



ATSSA

Safer Roads Save Lives

Dennis Hymel Jr.

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 23-AUG-2024

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

20. Certifications/Licenses:

CRESCENT
ENGINEERING & MAPPING LLC

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NHI
NATIONAL HIGHWAY INSTITUTE

Certificate of Training

PAUL OLIVIER

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process

hosted by

LA DOTD/LTRC

Date: *December 3-5, 2018*
Location: *Baton Rouge, LA*
Hours of Instruction: 18

Instructor
Local Coordinator
Instructor
Valerie Briggs, Director
National Highway Institute

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Paul Olivier
has attended
Louisiana Traffic Control Supervisor
Training Course

10/18/2023 to 10/18/2027
Training Valid Through

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA
American Traffic Safety Services Association ATSSA.com

CAAL

Concrete & Aggregates Association of Louisiana

CERTIFICATE OF COMPLETION

Is Presented To

Paul Olivier

For completion of
CONCRETE SEMINAR
including
Concrete Specifications & Mix Design
Street Design

February 20, 2014 ***Thibodaux, Louisiana***

This seminar has been approved for two (2) PDHs and CEUs for Engineers and Contractors

William H. Temple, Executive Director
February 20, 2014
Date

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LTAP

Certificate of Attendance

PRESENTED BY

Louisiana Department of Transportation and Development
And
Louisiana Local Technical Assistance Program

TO CERTIFY THAT

Paul Olivier

HAS SATISFACTORILY COMPLETED 4 HOURS OF TRAINING

Bridge Load Rating in Louisiana

Director Local Technical Assistance Program
September 25, 2015
Date
Baton Rouge, Louisiana
Location

20. Certifications/Licenses:

CRESCENT
ENGINEERING & MAPPING LLC

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA LTAP
LOCAL TECHNICAL ASSISTANCE PROGRAM

Certificate of Attendance

Local Public Agency Qualification Program
LPA Qualification Core Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
&
The Federal Highway Administration

TO CERTIFY THAT

Abbey Falcon

HAS SATISFACTORILY COMPLETED 13 PROFESSIONAL DEVELOPMENT HOURS

Rudynah Capone
Rudynah Capone Director, LTAP

July 10 - 11 2024
Date

Covington, Louisiana
Location

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Abbey Falcon
has attended
Louisiana Traffic Control Supervisor
Training Course

11/8/2023 to 11/8/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Tyler Amedee
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

10/20/2023 to 10/20/2027
Training Valid Through

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

CRESCENT ENGINEERING & MAPPING LLC

Certificate of Attendance

Megan Miller

has participated in

AASHTOWare Bridge Rating Fundamentals Training

hosted by

LA DOTD/LTRC

Date: August 1st-2nd, 2017
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 12

Herman Lee, P.E., PMP
Michael Baker International

Michael S. Pichura, P.E.
Michael Baker International

Concrete & Aggregates Association of Louisiana

CERTIFICATE OF COMPLETION

Is Presented To

Megan Miller

For completion of

Dense Concrete:
Managing Specifications for Structural Concrete

May 4, 2017 Baton Rouge, Louisiana

This seminar has been approved for three (3) PDHs and CEUs for Engineers and Contractors

William H. Temple, Executive Director

May 4, 2017
Date

National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

Certificate of Training

Megan Miller

has participated in

NHI Course No. FHWA-NHI-130101

Introduction to Safety Inspection of In-Service Bridges - WEB-BASED

hosted by

National Highway Institute

Location: Web-Based Course Hours of Instruction: 14 hours

Date: 3/26/2019

Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

nhi national highway institute

Certificate of Training

Megan Miller

has successfully completed

Introduction to FRP Materials and Applications for Concrete Structures

Date: 07/30/2024 Continuing Education Units: 0.3

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute

20. Certifications/Licenses:

CRESCENT ENGINEERING & MAPPING LLC

U.S. Department of Transportation
Federal Highway Administration

national highway institute

CERTIFICATE OF TRAINING

Megan Miller

has participated in

NHI Course No. FHWA-NHI-130081D

LRFD Steel I-Girder Details Design

Hosted by: **National Highway Institute**

Location: *Web-Based Course* ***Hours of Instruction:*** *4 hours*

Date: *7/29/2024*

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

national highway institute

CERTIFICATE OF TRAINING

Megan Miller

has participated in

NHI Course No. FHWA-NHI-130081E

Prestressed Concrete Girder Topics

Hosted by: **National Highway Institute**

Location: *Web-Based Course* ***Hours of Instruction:*** *2 hours*

Date: *7/29/2024*

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Megan Miller

has participated in

NHI Course No. FHWA-NHI-130101

Introduction to Safety Inspection of In-Service Bridges - WEB-BASED

hosted by

National Highway Institute

Location: *Web-Based Course* ***Hours of Instruction:*** *14 hours*

Date: *3/26/2019*

Valerie Briggs

Valerie Briggs, Director
National Highway Institute

20. Certifications/Licenses:

CRESCENT
ENGINEERING & MAPPING LLC

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Luke Bourg
has attended
Louisiana Traffic Control Technician
Training Course

10/17/2023 to 10/17/2027
Training Valid Through

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Luke Bourg
has attended
Louisiana Traffic Control Supervisor
Training Course

10/18/2023 to 10/18/2027
Training Valid Through

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA
Safer Roads Save Lives

Miles Loker

has attended
Louisiana Traffic Control Supervisor

Completed: 01-AUG-2024

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA
Safer Roads Save Lives

Miles Loker

has attended
Louisiana Traffic Control Technician

Completed: 30-JUL-2024

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

20. Certifications/Licenses:

CRESCENT ENGINEERING & MAPPING LLC

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Matt Ledet
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

5/10/2021 to 5/10/2025
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

LOUISIANA STATE CIVIL SERVICE

acknowledges that

Matthew J. Ledet

has successfully completed the training course:

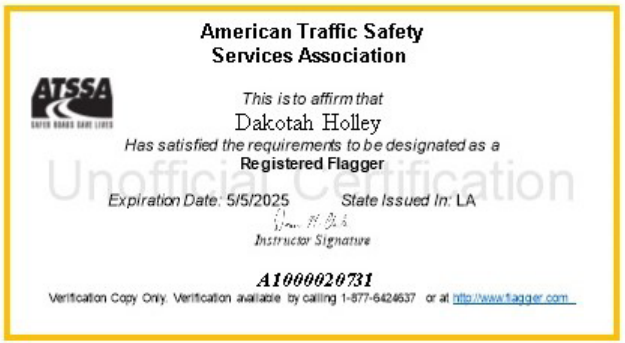
CPTP SCS Cybersecurity WBT
on
October 07, 2024

This document is intended to be used solely for the purpose of documenting the individual's completion of SCS's web-based training:
CPTP SCS Cybersecurity WBT

STATECIVILSERVICE

20. Certifications/Licenses:

CRESCENT
ENGINEERING & MAPPING LLC



American Traffic Safety Services Association

ATSSA

This is to affirm that

Dakotah Holley

Has satisfied the requirements to be designated as a

Registered Flagger

Expiration Date: 5/5/2025 *State Issued In:* LA

Instructor Signature

A1000020731

Verification Copy Only. Verification available by calling 1-877-6424637 or at http://www.flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Dakotah Holley

has attended

Traffic Control Technician-LA State Specific

Training Course

8/2/2022 to 8/2/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Dakotah Holley

has attended

Traffic Control Supervisor-LA State Specific

Training Course

8/3/2022 to 8/3/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

SMITH SYSTEM
Drive Different. Save Lives.

Certificate of Completion

Dakotah Holley — Student

01/03/2024 — Date

This certifies that this participant has successfully completed the Smith System®
Core Content: The 5Keys to Forward Motion and Reversing - Small Vehicle eLearning Course

Certificate #: 1326430

20. Certifications/Licenses:

CRESCENT
ENGINEERING & MAPPING LLC

ATSSA
Safer Roads Save Lives

Joseph Mavrin

has attended
Louisiana Traffic Control Technician

Completed: 30-JUL-2024

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA
Safer Roads Save Lives

Joseph Mavrin

has attended
Louisiana Traffic Control Supervisor

Completed: 01-AUG-2024

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA
Safer Roads Save Lives

Joseph Maurin

has attended
National Flagger Certification Training Course

Completed: 03-SEP-2024

CEU (If Applicable): 0

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

SMITH SYSTEM
Drive Different. Save Lives.

Certificate of Completion

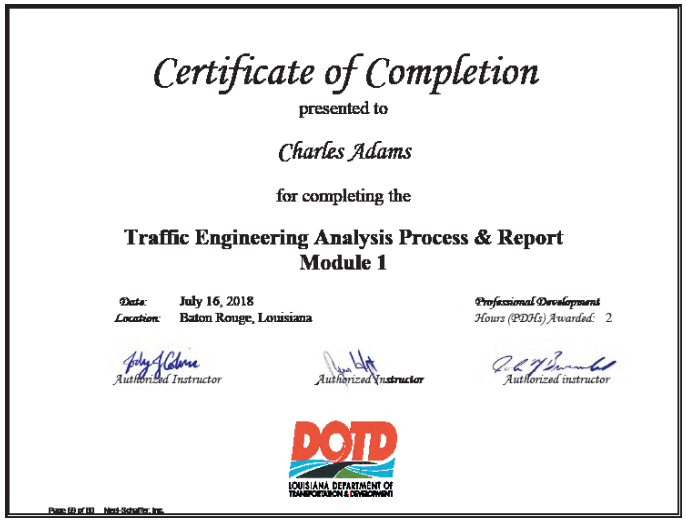
Joseph Maurin — Student
09/05/2024 — Date

This certifies that this participant has
successfully completed the Smith System®
Core Content: The 5Keys to Forward Motion and Reversing - Small Vehicle
eLearning Course

Certificate #: 1444069

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Charles Adams

for completing the

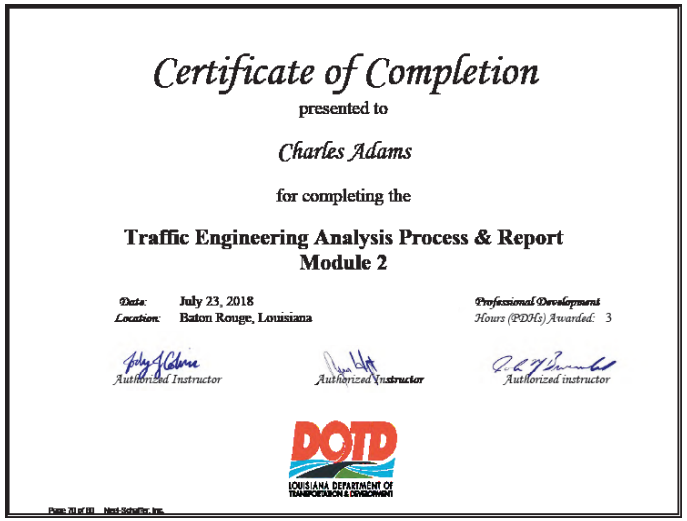
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Charles Adams

for completing the

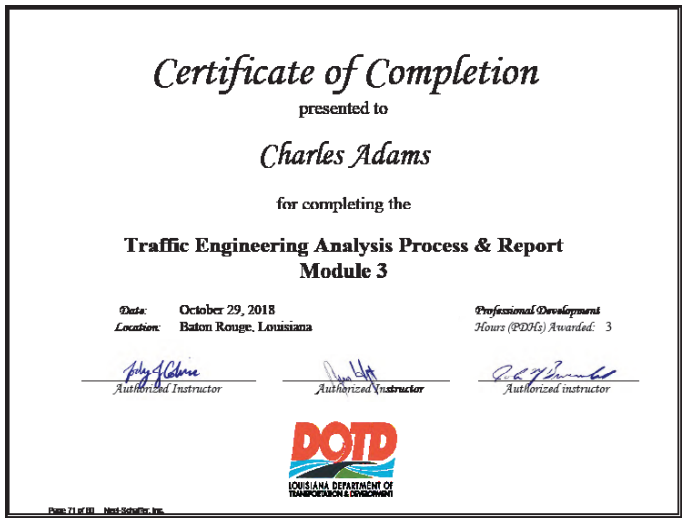
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Charles Adams

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

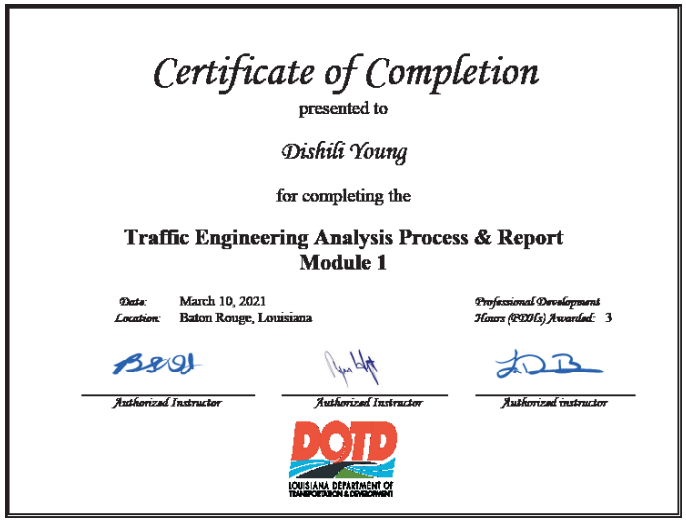
Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Dishili Young

for completing the

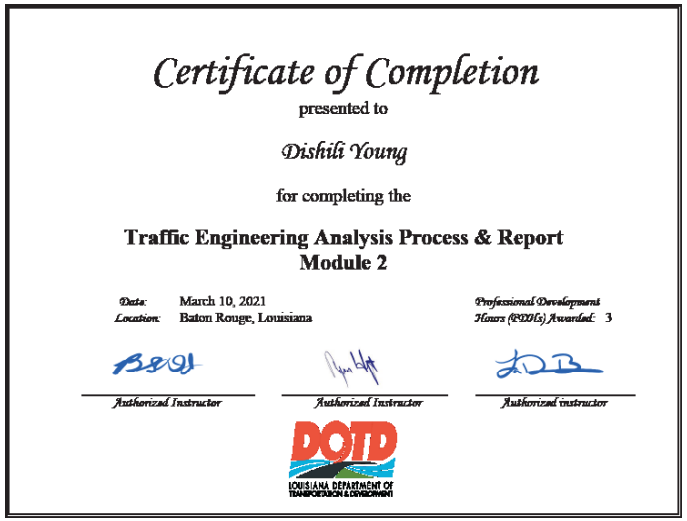
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Dishili Young

for completing the

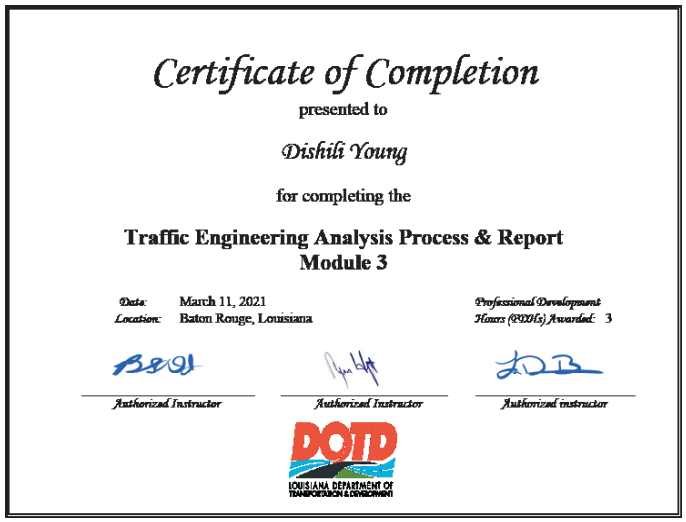
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Dishili Young

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

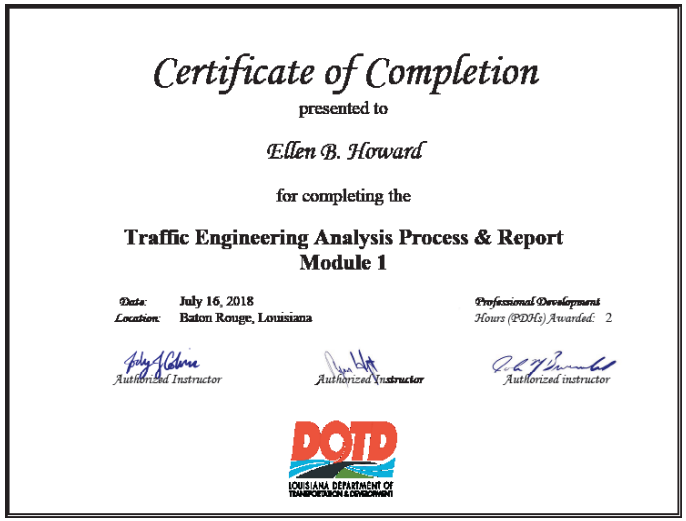
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Ellen B. Howard

for completing the

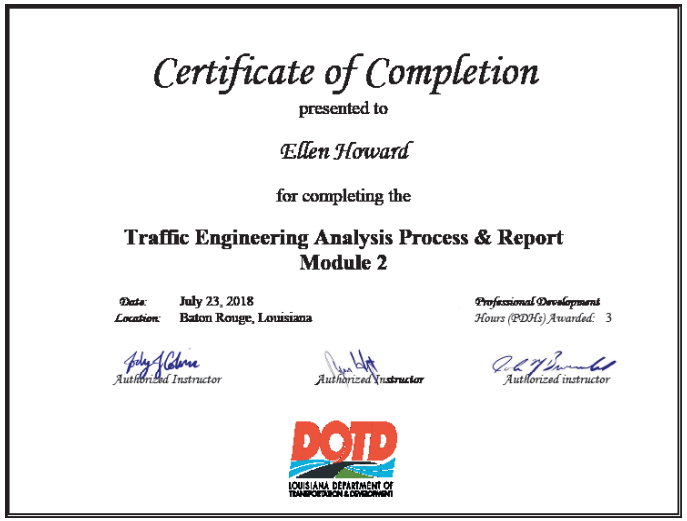
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Ellen Howard

for completing the

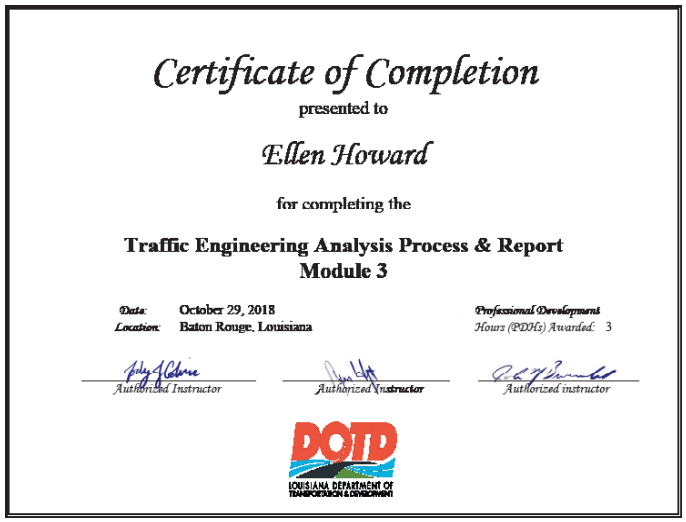
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Ellen Howard

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

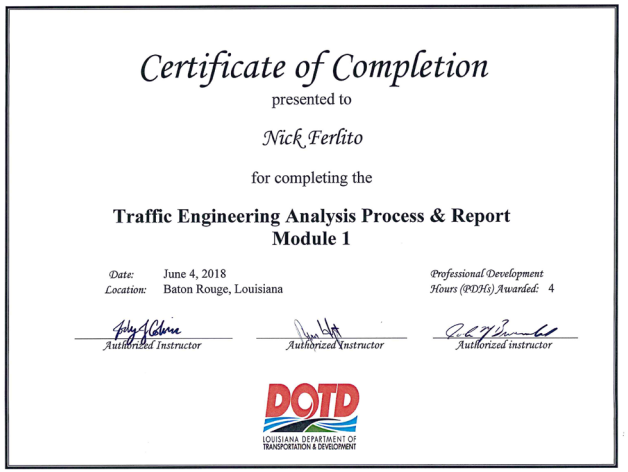
Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Nick Ferlito

for completing the

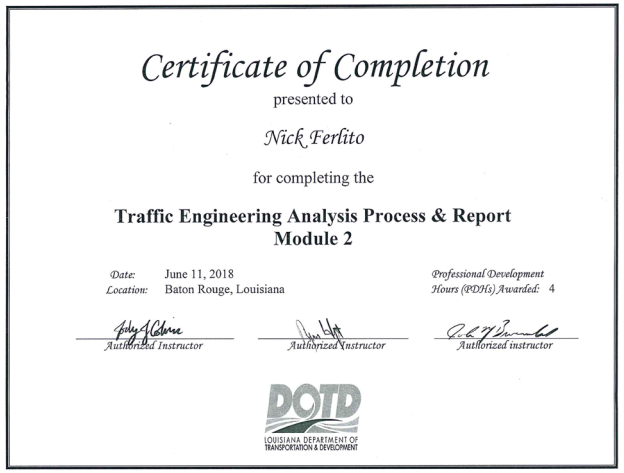
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Nick Ferlito

for completing the

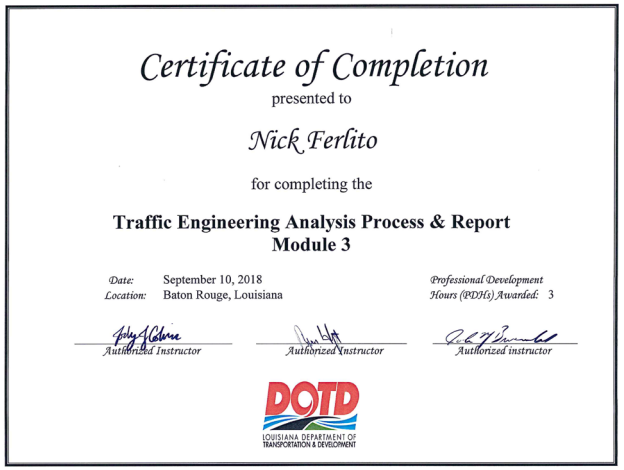
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Nick Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

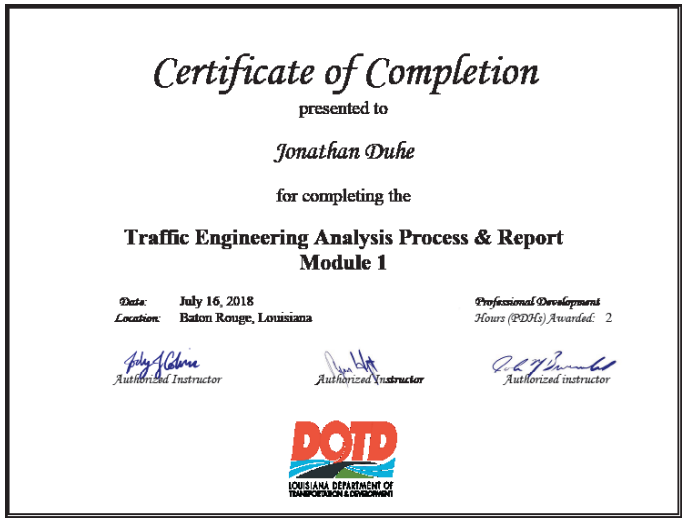
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Jonathan Duhe

for completing the

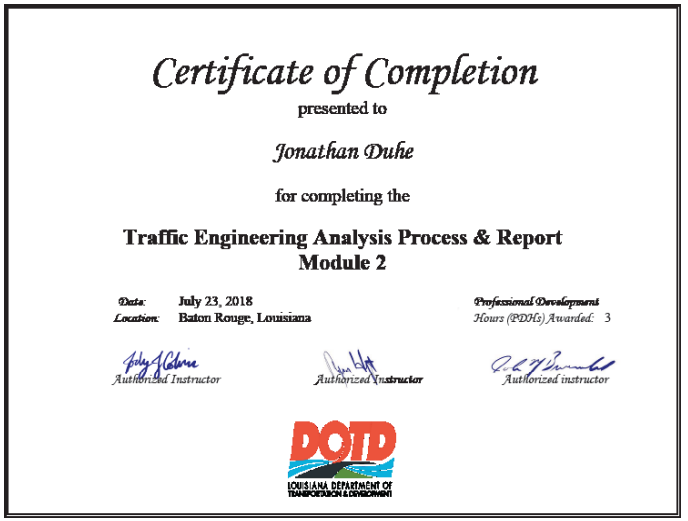
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Jonathan Duhe

for completing the

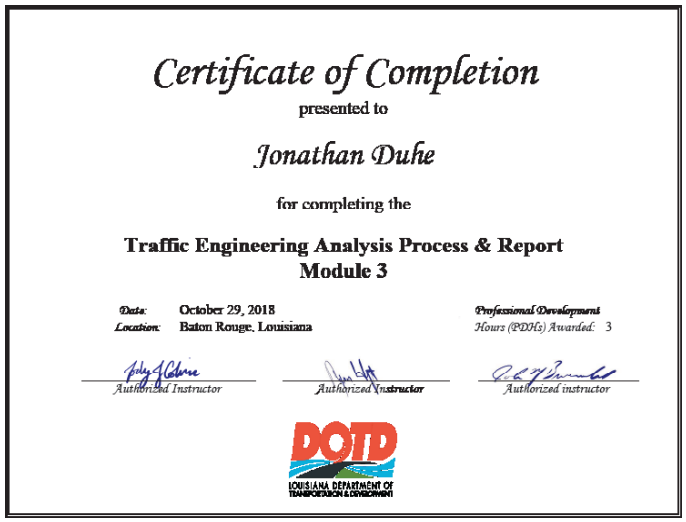
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Jonathan Duhe

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

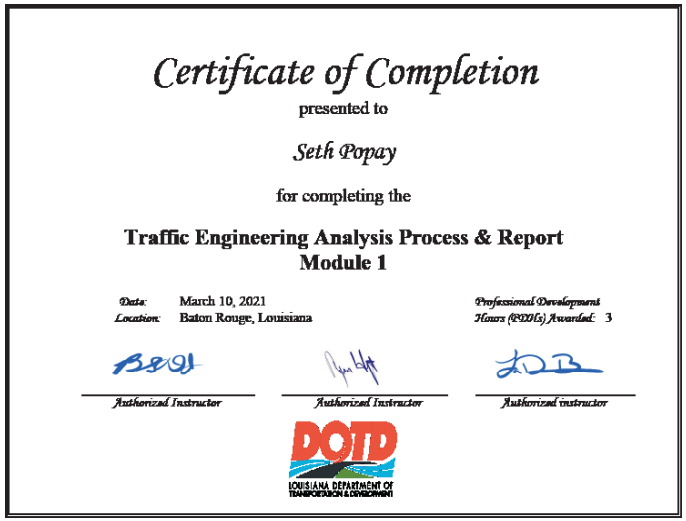
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Seth Popay

for completing the

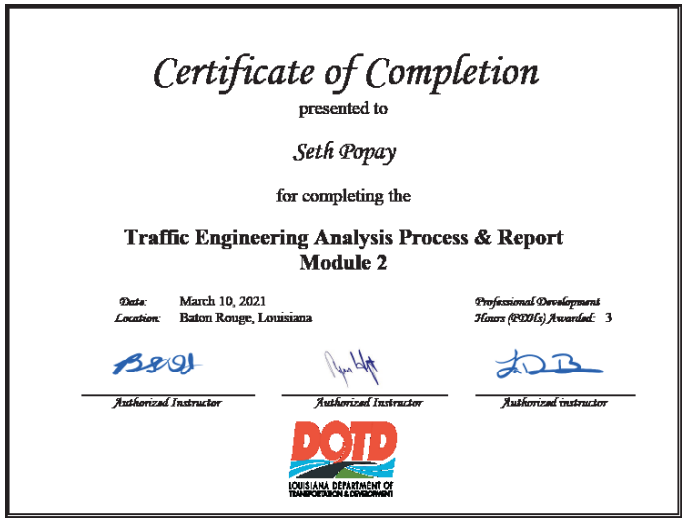
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Seth Popay

for completing the

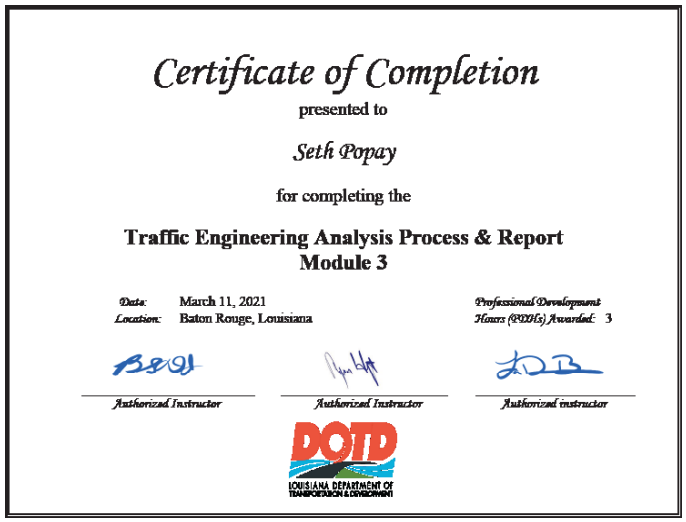
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Seth Popay

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

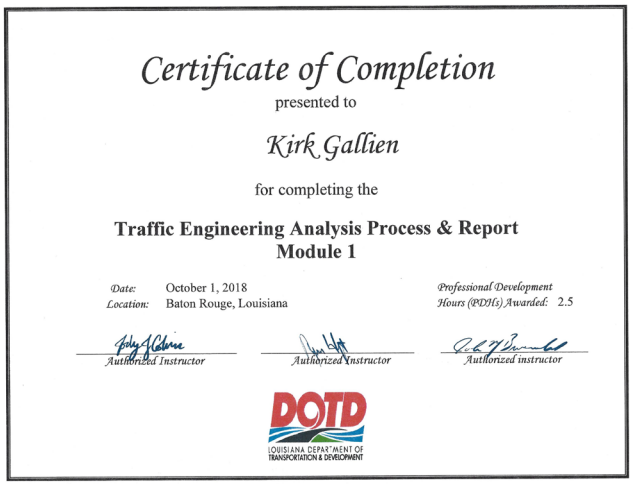
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

NEEL-SCHAFFER
Solutions you can build upon



Certificate of Completion

presented to

Kirk Gallien

for completing the

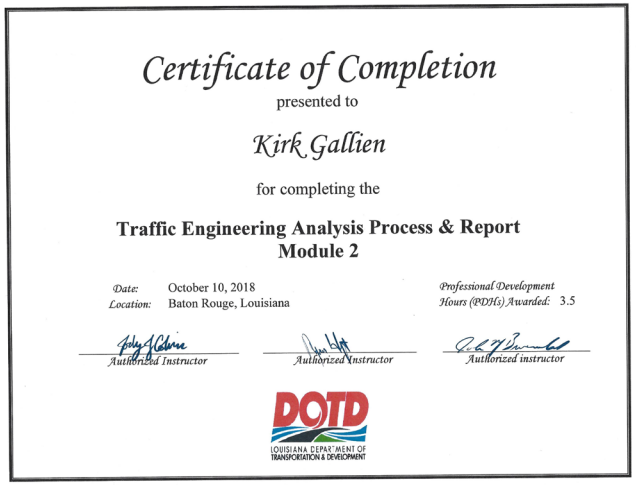
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Kirk Gallien

for completing the

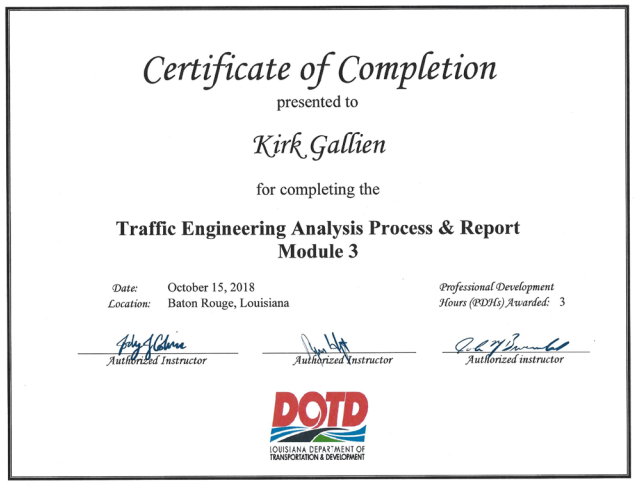
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Kirk Gallien

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA
CONSULTING SERVICES, LLC

RTA DOTD

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations & under the State of Louisiana United Certification Program (LAUCP)

Vectura Consulting Services, LLC

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC488490, NC541330, NC541340

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: June 2024 to June 2025

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

ATSSA American Traffic Safety Services Association

This is to affirm that

Sheelagh Ferlito

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 5/9/2023 — ATSSA

Exp. Date 5/8/2027 — Instructor Name

State Issued LA — Instructor Signature

A1000126216 — Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA
CONSULTING SERVICES, LLC

American Traffic Safety Services Association

This is to affirm that

Laurence Lambert

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

ATSSA

Issue Date 5/9/2023

Exp. Date 5/8/2027

State Issued LA

Instructor Name

Instructor Signature

A1000126196

Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laurence Lambert
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

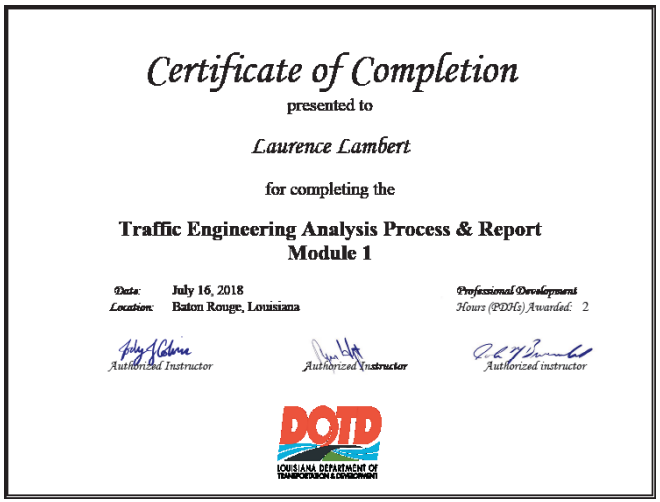
Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com



Certificate of Completion

presented to

Laurence Lambert

for completing the

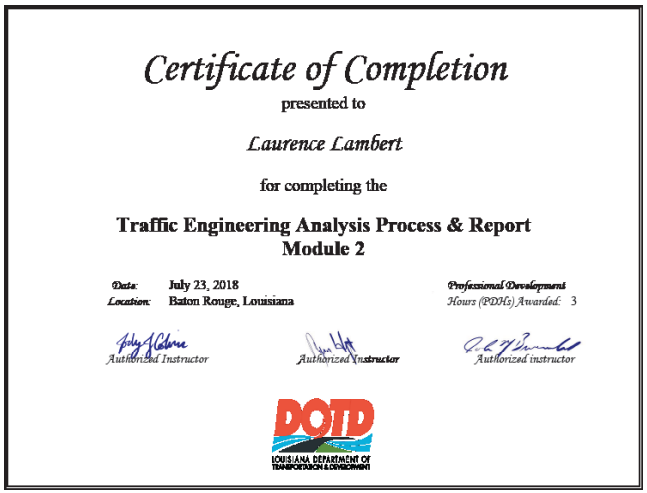
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

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*

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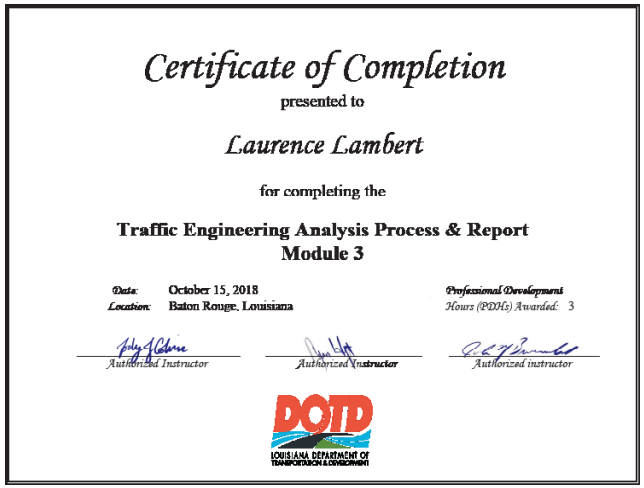
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA
CONSULTING SERVICES, LLC

ATSSA
Safer Roads Save Lives

Reece Rodrigue

has attended
National Flagger Certification Training Course

Completed: 01-OCT-2024

CEU (If Applicable): 0

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Reece Rodrigue
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

3/10/2023 to 3/10/2027
Training Valid Through

New Orleans, LA
Location

Vice President of Education and Technical Services

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

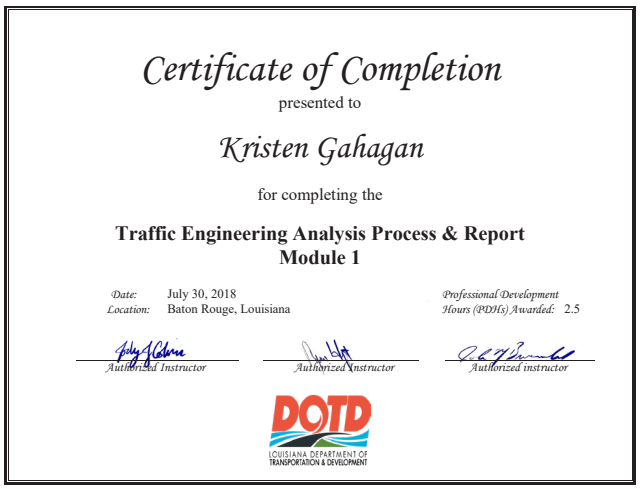
Professional Development Hours (PDHs) Awarded: 3

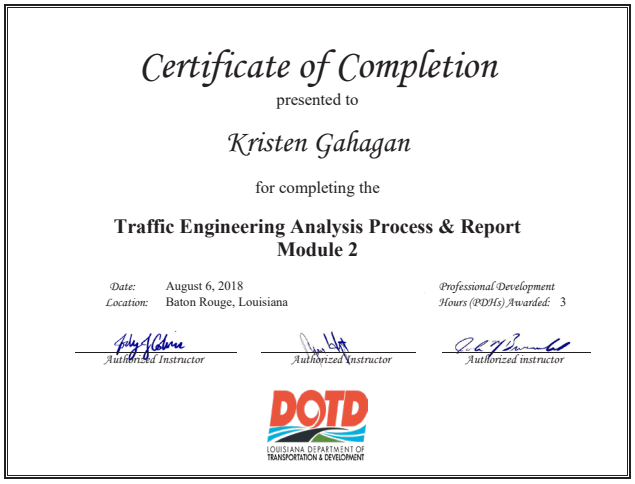
Authorized Instructor *Authorized Instructor* *Authorized instructor*

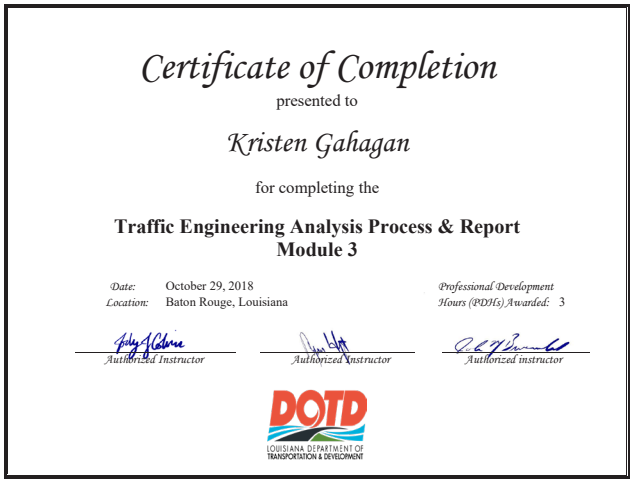
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA
CONSULTING SERVICES, LLC







20. Certifications/Licenses:

Search for Louisiana Business Filings

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
CRESCENT ENGINEERING & MAPPING, LLC	Limited Liability Company	VACHERIE	Active

Search for Louisiana Business Filings

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

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

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

QA/QC PLAN NOT PROVIDED PER ADVERTISEMENT

22. Sub-consultant information:

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

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
Neel-Schaffer, Inc.	10000 Perkins Rowe, Suite G360 Baton Rouge, LA 70810	Nick J. Ferlito, Jr., PE, PTOE nick.ferlito@neel-schaffer.com	225-924-0235
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito, PE, PTOE bferlito@vecturacs.com	225-223-6685

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.

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ENGINEERING & MAPPING LLC

“Committed to Excellence, Focused on Delivery”

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