Statement of Qualifications

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE

Contract Number: 4400031039

February 25, 2025

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.

1. Contract Name as shown in the advertisement	**IDIQ Contract for Roadway Design Services**
2. Contract Number(s) as shown in the advertisement	**Contract No. 4400031039**
3. State Project Number(s), if shown in the advertisement	**N/A**
4. Prime consultant name **(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	**Modjeski and Masters, Inc.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0000570
6. Prime consultant mailing address	1100 Poydras Street, Suite 900, New Orleans, LA 70163
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1100 Poydras Street, Suite 900, New Orleans, LA 70163
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Cullen J. Ledet, PE Vice President 504-524-4344 CJLedet@modjeski.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Cullen J. Ledet, PE Vice President 504-524-4344 CJLedet@modjeski.com

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

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: February 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 (Vectura)	15.00%
Civil Design & Construction, Inc. (CD&C)	15.00%

12. Discipline Table:

As indicated in the advertisement, insert a 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 listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	MODJESKI and MASTERS (Prime)	VECTURA CONSULTING SERVICES, LLC (DBE)	C&C INCORPORATED (DBE)	Each Discipline must total to 100%
Road	70%	100%			**100%**
Traffic	15%		100%		**100%**
Survey	15%			100%	**100%**
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	70.00%	15.00%	15.00%	

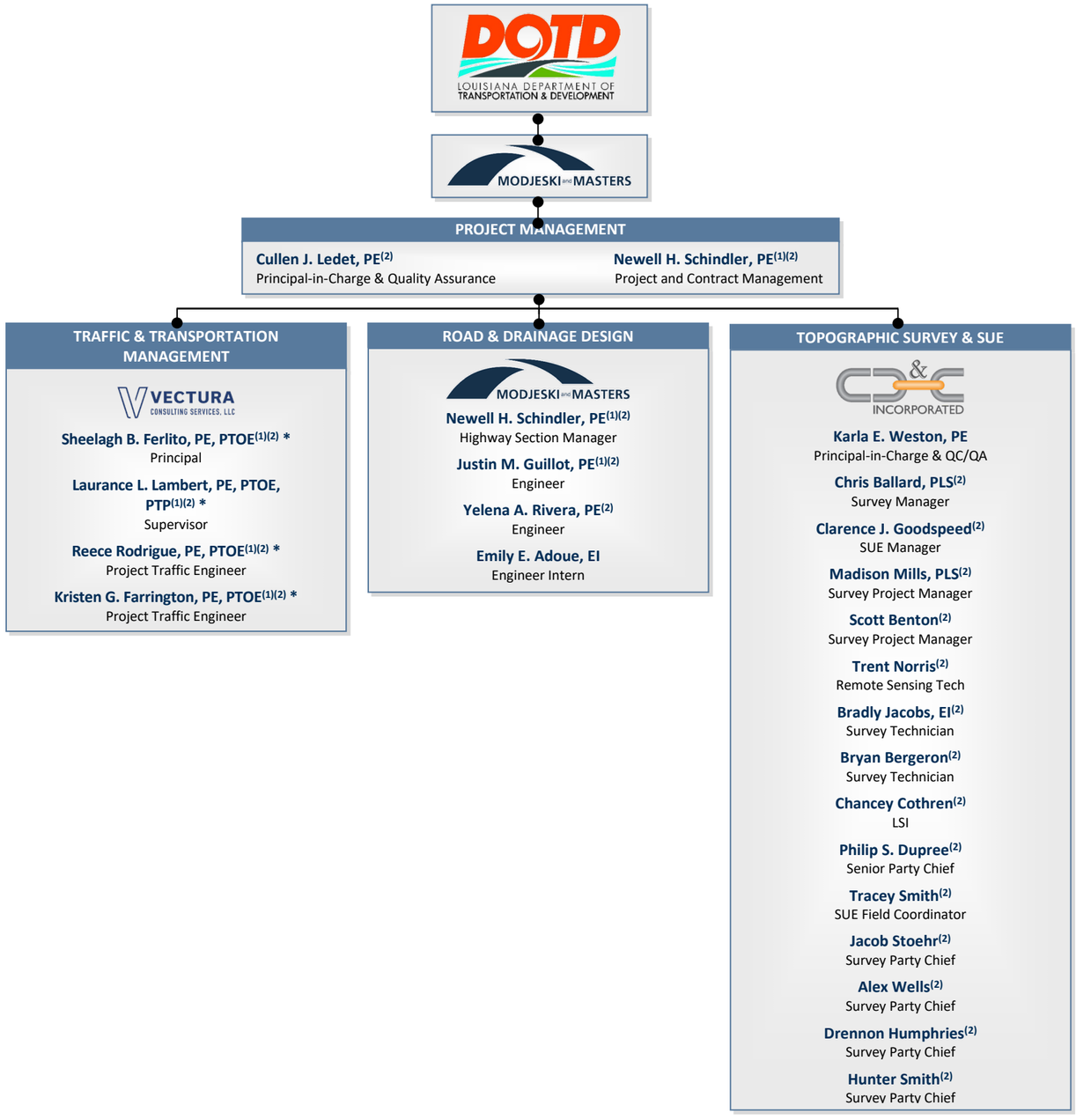
13. Firm Size:

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)
MODJESKI and MASTERS	Principal	1	7
	Supervisor - Eng	5	15
	Supervisor - Other	0	11
	Engineer	2	6
	Engineer - Other	0	21
	Engineer Intern	2	19
	Professional	0	1
	Senior Technician	1	3
	Technician	1	2
	CADD Technician	2	9
VECTURA CONSULTING SERVICES, LLC	Supervisor - Eng	2	2
	Engineer	3	3
	Engineer Intern	0	3
	Senior Technician	0	2
	Supervisor - Other	0	1
	Technician	0	1
	Clerical	0	1
C&C INCORPORATED	Surveyor	1	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
	CADD-Operator	1	1
	Senior Technician	3	6
	Supervisor – Other	1	1

14. <u>Organizational Chart</u>:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



(1) Traffic Engineering Analysis Process & Report Training

(2) Work Zone Training

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. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Cullen J. Ledet, III, PE	Modjeski and Masters, Inc	PE.0033222 - Civil	LA	09/30/2025
2	Cullen J. Ledet, III, PE	Modjeski and Masters, Inc	PE.0033222 - Civil	LA	09/30/2025
3	Newell H. Schindler, Jr., PE	Modjeski and Masters, Inc	PE.0024130 - Civil	LA	03/31/2026
4	Christopher Ballard	Civil Design and Construction, Inc.	PLS.0005033	LA	09/30/2026
5	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC.	PE.0025383 PTOE 932	LA	9/30/2025 9/9/2027
	Laurence Lambert, PE, PTOE, PTP	Vectura Consulting Services, LLC.	PE.0029901 PTOE 1301	LA	3/31/2026 2/3/2028

(Add rows as needed)

16. Staff Experience:

<table>
<tr><td colspan="5">Firm employed by Modjeski and Masters, Inc.</td><td rowspan="5">  </td></tr>
<tr><td>Name</td><td colspan="2">Cullen J. Ledet, PE</td><td colspan="2">Years of relevant experience with this employer</td><td>23</td></tr>
<tr><td>Title</td><td colspan="2">Vice President</td><td colspan="2">Years of relevant experience with other employer(s)</td><td>0</td></tr>
<tr><td colspan="3">Degree(s) / Years / Specialization</td><td colspan="3">BS 2000 Civil Engineering</td></tr>
<tr><td colspan="3">Active registration number / state / expiration date</td><td colspan="3">PE.0033222 LA 09/30/2025</td></tr>
<tr><td>Year registered</td><td>2007</td><td>Discipline</td><td colspan="3">Civil</td></tr>
<tr><td colspan="6">Contract role(s) / brief description of responsibilities
Mr. Ledet has been employed in the New Orleans office of Modjeski and Masters, Inc. since 2002, after having interned two summers with the firm. During this period he has been engaged in the design of both fixed and movable highway and railroad bridges. Mr. Ledet has prepared designs, plans, and specifications for a number of projects both for improvements as well as complex projects. Mr. Ledet fulfils MPR Nos. 1 & 2 and will serve as Principal-in-Charge and Quality Assurance Officer for this Contract. Mr. Ledet is Work Zone Training Compliant.</td></tr>
<tr><td>Experience dates (mm/yy–mm/yy)</td><td colspan="5">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).</td></tr>
<tr><td>3/17 - ongoing</td><td colspan="5">LA 1 – Port Allen Bridge Replacement. Port Allen, LA | LADOTD
The ongoing project consists of replacing the existing northbound and southbound bridge structures on LA 1 over the Intracoastal Canal Waterway (ICWW). The proposed LA 1 SB Bridge will consist of 3 - 12’ travel lanes and 2 - 10’ shoulders and will be approximately 2,680’ long. The proposed LA 1 NB Bridge will consist of 2 - 12’ travel lanes and 2 - 10’ shoulders (LA 1 NB roadway), a permanent 2’ wide median barrier and 1 - 12’ travel lane with 2 - 6’ shoulders (I-10 EB Exit Ramp roadway). The Exit Ramp and LA 1 NB roadway will be separated by a permanent 2’ wide median barrier until the LA 1 NB Bridge will bifurcate where the LA 1 NB roadway and I-10 EB Exit Ramp roadway will be carried on separate bridge structures. The LA 1 NB Bridge and I-10 EB Exit Ramp Bridge will be approximately 2,700’ and 354’ long, respectively. Both LA 1 NB and LA 1 SB Bridges will consist of a 870’ long haunched three span continuous steel plate girder main span unit over the ICWW and prestressed concrete LG girder approach spans. Mr. Ledet serves as Deputy Project Manager for this project and is developing the General Plan and Elevation drawings while identifying any potential conflicts with utilities and existing structures.</td></tr>
<tr><td>12/20 – 03/22</td><td colspan="5">Cline Ave Bridge. East Chicago, Indiana | United Bridge Partners
Mr. Ledet served project manager for several post construction design tasks. Performed an independent technical review (ITR) of final roadway signing and striping plans prepared by others to determine conformance with AASHTO, IDOT, and IMUTCD design criteria and guidelines. 23 non-conformance Items were identified and documented in M&M's NCR Report. Also provided the Client with 17 additional recommendations to improve the operation and safety of the Cline Ave. Bridge facility. Subsequently, prepared final construction plans to address the NCR items and recommendations. Final plans included signing and striping layouts along with sign structure details. Also prepared final plans for the installation of Guide (Attraction) signs along Indiana SR 912 and I-90 in Indiana and Illinois. Plans were prepared in accordance with IMUTCD, MUTCD and Illinois and Indiana sign guidelines. Also Served as lead engineer developing conceptual geometric layouts for two (2) proposed new partial and fully directional interchanges. at Riley Road and Cline Ave. Bridge (SR-912) (CAB). Five (5) conceptual interchange layouts were developed for the proposed Riley Rd./CAB Interchange and Three (3) conceptual interchange layouts were developed for the proposed Riley</td></tr>
</table>

	Rd./CAB Interchange and presented in a feasibility report. Conceptual roundabout layouts were developed for the ramp intersections. Developed design criteria for the proposed ramps in accordance with AASHTO and IDOT Interchange guidelines.
12/15-02/17	**H.010620 US 90 from Albertson Pkwy to Ambassador Caffrey Pkwy – BNSF Frontage Road Bridges. Lafayette Parish, LA | LADOTD** M&M provided an independent QC review of the frontage road bridges over the BNSF Railroad. The bridges included construction of various continuous precast prestressed concrete girder spans supported on bent columns and pile footing foundations. Mr. Ledet performed the review of the structural plans and details at every submittal milestone.
6/12 –12/16	**S.P. H.009933: MacArthur Drive Interchange. Harvey, Louisiana | LADOTD** The MacArthur Interchange Project consisted of the addition of two new ramps to the Westbank Expressway near MacArthur Drive, as well as the demolition of two existing ramps. M&M was responsible for the substructure design for Ramps 7 and 8 in a complex urban setting which included steel pile footings and reinforced concrete columns. M&M also provided construction related engineering support services. Mr. Ledet provided peer review services of the original design. Mr. Ledet detailed the flared reinforced concrete columns and provided construction related engineering services for this project.
01/14-06/15	**US 90 (Future I-49) from Albertsons Pkwy to Ambassador Caffrey Pkwy, Lafayette Parish, LA | LADOTD** As a member of the Design-Build team with C.H. Fenstermaker & Associates, M&M provided an independent QC review of the structures over the BNSF Railroad and Albertsons Parkway. Both bridges included construction of various continuous precast prestressed concrete girder Spans supported on bent columns and pile footing foundations. The structures over the BNSF Railroad included a phased sequence of construction. Mr. Ledet performed the review of the structural plans and details at every submittal milestone.
12/01 – 12/02 12/08 – 10/09	**Illinois River Bridge. Elgin, Joliet & Eastern Railway Company. Devine, Illinois** The Illinois River Bridge was originally built as four 154-foot fixed through truss spans. About 1932, Span 2 was converted to a vertical lift span and the adjacent spans fitted with lifting towers, counterweights, and an electro-mechanical operating system, providing a 120-foot clear opening. Under the provisions of the "Truman-Hobbs Act" of 1940, the USCG is funding alteration of the bridge to provide a 300-foot marine opening. The replacement vertical lift span will be 348 feet long and have a maximum lift vertical clearance of 56 feet. M&M collected relevant data, evaluated alternatives, established design criteria, cost estimates, prepared project report, and provided the final design. Mr. Ledet designed and detailed the framing for the operator house as well as the pier grillage structures.
09/08-02/11	**S. P. 701-65-1098 Replacement of LA3249 (Well Road) over I-20. Monroe, LA | LADOTD** This Project was the replacement of the Well Road Overpass using accelerated construction methods to construct replacement spans within the interchange R/W and over a weekend remove existing spans and install new spans. Mr. Ledet was the point of contact for Modjeski and Masters, Inc. He designed and detailed deck drainage; calculated quantities and generated construction cost estimate; construction services.
06/01-08/14	**S.P. 700-18-0014 Huey P. Long Bridge Widening at New Orleans, LA | LADOTD** This Project widens the existing bridge roadways through the widening of river piers using conventional and post-tension concrete, two new truss lines and 43' roadways to replace existing 18' roadways. The Project construction cost is $1.2B. This Project was a major complex design involving adding truss lines while maintaining existing traffic. Mr. Ledet assisted in the design and detail of the main river pier widening; designed and detailed plans and generated specifications for various components of the superstructure and substructure of the approaches, including steel and prestressed concrete girders; provided construction engineering support services for approaches contract.

Firm employed by **Modjeski and Masters, Inc.**				
Name	**Newell H. Schindler, Jr., PE**	Years of relevant experience with this employer	4	
Title	Project Manager – Highway Section Manager	Years of relevant experience with other employer(s)	39	
Degree(s) / Years / Specialization		BS 1982 Civil Engineering		
Active registration number / state / expiration date		PE.0024130 LA 03/31/2026		
Year registered	1988	Discipline	Civil	

Contract role(s) / brief description of responsibilities

Mr. Schindler has 43 years of experience in the management and design of infrastructure projects, 13 years of experience in the Road Design Section of LADOTD, and 30 years of experience as a Consulting Engineer which has included Project Management and design of a multitude of infrastructure improvement projects. He has extensive knowledge of current LADOTD and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. In addition, Mr. Schindler supervised the design of a multitude of road and bridge improvement projects, including complex urban interstate, urban arterial, rural arterial, and minor bridge replacement projects. Projects included coordination with Traffic Engineers and the evaluation of traffic analyses to develop capacity and safety roadway improvements, including intersections and interchanges. He completed the course "National Environmental Policy Act (NEPA) and Transportation Decision Making," sponsored by the National Highway Institute. Mr. Schindler will serve as Project Manager and will fulfill MPR 3 for this contract. Mr. Schindler is Work Zone Training Compliant and has also certified in Traffic Engineering Analysis Process and Report Training.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 - Present	**SH 22 at Richland Creek. Hill County, TX | TXDOT** This project involves the preparation of plans, specifications and estimates for the on-system bridge replacement on State Highway 22 at Richland Creek. The proposed bridge is 53' x 315' with 2-12' lanes, a 10' shoulder, and a 17' shoulder. The wider 17' shoulder will allow for maintaining traffic through 2 phases of construction and will also accommodate a future "Super 2" Highway configuration (which adds periodic passing lanes on a two-lane highway). Mr. Schindler is serving as Project Manager and Engineer of Record for all associated road design tasks, including but not limited to geometric design, typical sections, 3D corridor modeling using Bentley OpenRoads Designer, cross sections, signage and striping, temporary erosion control, temporary traffic control phasing, calculation of quantities, and all plan production.
01/24 - Present	**Bobby Hopper Tunnel Inspection and Rehabilitation. Washington County, AR | ARDOT** This project involves the inspection and rehabilitation of the Bobby Hopper Tunnel (both NB and SB bores) on I-49 near Winslow, AR, along with associated roadway design services which include the design of permanent diversion crossovers for both the northern and southern roadway approaches to the tunnel. These crossovers will be utilized during the rehabilitation of each of the tunnel bores and during future inspections/maintenance as well as for emergency incident management. The road design services are broken up into two tasks: the Feasibility Study Phase and the Design Phase. The Feasibility Study Phase is currently underway and is 95% complete. Mr. Schinder is serving as Project Manager which includes four (4) Disciplines (Road Design, Structural Design, Mechanical Systems Design and Electrical Systems Design) and Engineer of Record for al Road Design related design tasks.
04/23 – 02/25	**US 90-Z CCC Decorative Lighting. New Orleans, LA | LADOTD** This project involved the design of a Dynamic Decorative Lighting System which was installed on the two Crescent City Connection (CCC) Bridges over the Mississippi River in New Orleans, LA. The project was expedited so that the lighting system would be fully operational by the Feb. 9, 2025 Superbowl in New Orleans. Mr. Schindler managed the preparation of the required Level 4 Transportation Management Plan. In addition to preparing complex custom Temporary Traffic Control Plans this Project also included Temporary Queue Detection System Layout Plans.

12/20-03/22	**Cline Ave Bridge. East Chicago, Indiana | United Bridge Partners** Mr. Schindler served as lead engineer for several post construction design tasks. Performed an independent technical review (ITR) of final roadway signing and striping plans prepared by others to determine conformance with AASHTO, IDOT, and IMUTCD design criteria and guidelines. 23 non-conformance Items were identified and documented in M&M's NCR Report. Also provided the Client with 17 additional recommendations to improve the operation and safety of the Cline Ave. Bridge facility. Subsequently, prepared final construction plans to address the NCR items and recommendations. Final plans included signing and striping layouts along with sign structure details. Also prepared final plans for the installation of Guide (Attraction) signs along Indiana SR 912 and I-90 in Indiana and Illinois. Plans were prepared in accordance with IMUTCD, MUTCD and Illinois and Indiana sign guidelines. Also Served as lead engineer developing conceptual geometric layouts for two (2) proposed new partial and fully directional interchanges. at Riley Road and Cline Ave. Bridge (SR-912) (CAB). Five (5) conceptual interchange layouts were developed for the proposed Riley Rd./CAB Interchange and Three (3) conceptual interchange layouts were developed for the proposed Riley Rd./CAB Interchange and presented in a feasibility report. Conceptual roundabout layouts were developed for the ramp intersections. Developed design criteria for the proposed ramps in accordance with AASHTO and IDOT Interchange guidelines.
01/16-05/20	**Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA | City of New Orleans - DPW** Mr. Schindler was Project Principal, Engineer of Record and Quality Control Officer. He performed technical engineering design QC reviews for full reconstruction (FRC) of several streets (13 blocks) in the urbanized Central City Neighborhood. Project was a complex urban design due to the number of underground utilities. Mr. Schindler performed technical quality control reviews of the hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with Louisiana (LA) DOTD Hydraulics Manual, along with technical quality control reviews of the design for the replacement of the existing water and sewer systems. He reviewed the designed profile grades to confirm conformance with AASHTO design criteria and LA DOTD sub-surface hydraulic criteria. He. performed technical analysis and quality control reviews of the proposed geometric details and joint layouts. Mr. Schindler reviewed calculations for quantities for all construction items. He performed quality control reviews of the final construction plans and specifications, including typical sections, plan/profile sheets, geometric detail, joint layouts and cross sections.
05/12-08/16	**Baker Canal Bridge Replacement (S.P. No. H000698). Baker, LA | LADOTD** Mr. Schindler was Project Principal, Engineer of Record and Quality Control Officer. Project consisted of the design for the replacement of the northbound and southbound bridges over Baker Canal, along with reconstruction of the approach roadway and geometric improvements for the US 61/LA 964 interchange. Mr. Schindler performed technical quality control reviews for all aspects of the highway design in accordance with LA DOTD and AASHTO policies and criteria. He Performed technical quality control reviews of the horizontal and vertical design and quality control reviews of the H&H analyses in accordance with LA DOTD Hydraulics manual for drainage improvements (open ditch & sub-surface drainage). Mr. Schindler performed technical quality control reviews of the preliminary and final construction plans, which included typical sections, plan/profile sheets, traffic control plans, sequence of construction, and cross section sheets. Included guard rail in accordance with AASHTO's roadside design guide. He calculated construction quantities. He reviewed RFI and provided recommendations. He also reviewed and approved plan changes and provided construction support during the construction phase.
09/95-12/99	**Golden Meadow - Larose; LA 3235 (a.k.a. LA 1 Relocated) & Extension of LA 657 (S. P. Nos. 829-11-0008 & 829-26-0007). Lafourche Parish, LA | LA DOTD** Mr. Schindler served as Project Manager and Engineer-of-Record. He designed five (5) miles of a four-lane arterial on new alignment. He also designed the extension of La 657 between existing LA 1 and new LA 3235, which consisted of .5 miles of new two-lane rural highway, along with geometric design of major new intersections with existing LA 1 and new LA 3235. Mr. Schindler also prepared complete sets of construction plans for separate embankment and paving construction plans, which included typical sections, plan/profiles, signing and striping layouts, design drainage maps and cross sections. He designed plans for the relocation for a levee which crossed the new alignment. He performed hydrologic and hydraulic calculations for the drainage design in accordance with LA DOTD's Hydraulics Manual. Mr. Schindler calculated all construction quantities and prepared the engineers opinion of probable construction cost (OPCC).

Firm employed by **Modjeski and Masters, Inc.**				
Name	**Justin M. Guillot, PE**		Years of relevant experience with this employer	4
Title	Engineer – Highway Section		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS 2017 Civil and Environmental Engineering		
Active registration number / state / expiration date		PE.0047592 LA 03/31/2026		
Year registered	2021	Discipline	Civil	

Contract role(s) / brief description of responsibilities

Mr. Guillot has over 8 years of experience in the design of infrastructure projects. He has a broad knowledge of current Louisiana Department of Transportation and Development (LADOTD) and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. He has also served in project management roles and performed construction administration. In addition, Mr. Guillot has completed coursework by the Federal Highway Administration (FHWA) and National Highway Institute (NHI) in Roadside Safety Design, as well as the American Traffic Safety Services Association (ATSSA). He is certified as a Traffic Control Technician, Traffic Control Supervisor, and Flagger. Mr. Guillot will serve as an Engineer for Road and Drainage Design. Mr. Guillot is Work Zone Training Compliant and has also certified in Traffic Engineering Analysis Process and Report Training.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 - Present	**SH 22 at Richland Creek. Hill County, TX | TXDOT** This project involves the preparation of plans, specifications and estimates for the on-system bridge replacement on State Highway 22 at Richland Creek. The proposed bridge is 53' x 315' with 2-12' lanes, a 10' shoulder, and a 17' shoulder. The wider 17' shoulder will allow for maintaining traffic through 2 phases of construction and will also accommodate a future "Super 2" Highway configuration (which adds periodic passing lanes on a two-lane highway). Mr. Guillot is serving as design engineer in performing all associated road design tasks, including but not limited to geometric design, typical sections, 3D corridor modeling using Bentley OpenRoads Designer, cross sections, signage and striping, temporary erosion control, temporary traffic control phasing, calculation of quantities, and all plan production.
01/24 - Present	**Bobby Hopper Tunnel Inspection and Rehabilitation. Washington County, AR | ARDOT** This project involves the inspection and rehabilitation of the Bobby Hopper Tunnel (both NB and SB bores) on I-49 near Winslow, AR, along with associated roadway design services which include the design of permanent diversion crossovers for both the northern and southern roadway approaches to the tunnel. These crossovers will be utilized during the rehabilitation of each of the tunnel bores and during future inspections/maintenance as well as for emergency incident management. The road design services are broken up into two tasks: the Feasibility Study Phase and the Design Phase. The Feasibility Study Phase is currently underway and is 95% complete. Mr. Guillot is serving as a design engineer in evaluating potential crossover alternatives which include various locations, geometries, design speeds, and median barriers.
04/23 – 02/25	**US 90-Z CCC Decorative Lighting. New Orleans, LA | LADOTD** This project involved the design of a Dynamic Decorative Lighting System which was installed on the two Crescent City Connection (CCC) Bridges over the Mississippi River in New Orleans, LA. The project was expedited so that the lighting system would be fully operational by the Feb. 9, 2025 Superbowl in New Orleans. Mr. Guillot served as a design engineer in developing a Level 4 Transportation Management plan (which was required since the construction was to occur on an urban Interstate with an ADT of over 160,000) and custom Temporary Traffic Control Plans. In addition, he facilitated coordination with the US Coast Guard for their approval (since the lighting is on a bridge over a navigable waterway) and he also led the plan production effort.

07/23 - 08/23	**Memorial Park Drive Tunnel Inspections. Houston, TX | Strinteg Corporation** This project involved the design of Temporary Traffic Control (TTC) Plans for complete separate eastbound and westbound tunnel bore closures of the newly constructed land bridge Tunnels along Memorial Drive in Houston, Texas. Mr. Guillot served as a design engineer in developing custom TTC layouts for each Tunnel closure and led the plan production effort. These layouts, which would be used to convert the existing 6-lane divided highway into a single 2-lane, 2-way facility, required careful planning and consideration because of the complex nature of the roadways in the area.
02/21 - 03/22	**Cline Ave Bridge. East Chicago, Indiana | United Bridge Partners** This project involves various tasks related to the recent construction of a privately-owned 1.7-mile segmental box girder toll bridge. Mr. Guillot served in a general engineering support role in performing an Independent Technical Review of final Signage and Striping Plans produced by another consulting firm for conformance with Indiana Department of Transportation (InDOT) Design Guidelines as well as the Indiana Manual on Uniform Traffic Control Devices (IMUTCD). He was also tasked with proposing recommendations to improve the safety and operation of the bridge and roadway approaches, including revisions to the pavement marking layout and the addition of various warning and regulatory signs as well as roadway delineation. He produced final construction plans which included corrections to the items found not in compliance as well as the proposed recommendations. Another task was the creation of conceptual layouts for new interchanges along the bridge. Mr. Guillot's role included determining the appropriate ramp design criteria (design speed, travel lane and shoulder widths, cross slope, maximum grades, curve radii, etc.) and designing multiple horizontal and vertical geometries for a total of 8 ramps at 2 different interchange locations in accordance with InDOT and AASHTO's "A Policy on Geometric Design of Highways and Streets". These ramps required complex layouts due to vertical clearance issues caused by the presence of overhead utilities and at-grade railroad tracks as well as limited right-of-way availability. He also produced conceptual layout drawings to illustrate each alternative.
9/17 - 12/20	**Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA | City of New Orleans – DPW** Mr. Guillot served as Design Lead during the preliminary and final design phases then transitioned to Project Manager and Construction Administrator upon the start of the construction phase. He performed geometric design in accordance with AASHTO design criteria and ensured compliance with the Americans with Disabilities Act (ADA) for full reconstruction (FRC) of 9 city blocks in the urbanized Central City Neighborhood. The project was a complex urban design due to the number of underground utilities and limited Right-of-Way. Mr. Guillot performed hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems. He oversaw development of the final construction plans and specifications, including typical sections, special details, plan/profile sheets, geometric details, joint layouts, and cross sections. Mr. Guillot calculated quantities for all construction bid items and compiled an Opinion of Probable Construction Cost (OPCC) which was ultimately within 1.1% of the winning contractor's bid. Upon the start of construction, Mr. Guillot was the primary point of contact for both the client and the contractor. He reviewed contractor material submittals and shop drawings for compliance with the plans and specifications. Lastly, he performed frequent site visits to ensure safe work practices were being followed and verify the contractor's implementation of proper temporary traffic control measures.
9/16 – 9/19	**Rossignol Road Bridge Replacement. Calcasieu Parish, LA | Calcasieu Parish Police Jury (CPPJ)** Mr. Guillot provided general Engineering support for the replacement of an 80' timber bridge on Rossignol Road with a precast concrete slab span bridge. He performed geometric design of the bridge alignment and roadway approaches in accordance with AASHTO design criteria. He performed hydrologic and hydraulic analyses of roadway drainage elements and designed the approach guardrails as well as the bridge abutment scour protection, all to LA DOTD standards. He calculated final construction quantities and compiled an OPCC. He also assisted in the development of final construction plans and specifications.

Firm employed by **Modjeski and Masters, Inc.**				
Name	**Yelena A. Rivera, PE**	Years of relevant experience with this employer	2	
Title	Engineer – Highway Section	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization		BS 2009 Civil and Environmental Engineering		
Active registration number / state / expiration date		PE.0040502 LA 09/30/2026		
Year registered	2016	Discipline	Civil	

Contract role(s) / brief description of responsibilities

Ms. Rivera has over 13 years of experience in the design of infrastructure projects. She has a broad knowledge of current Louisiana Department of Transportation and Development (LA DOTD) and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. She has worked on a variety of highway/roadway and bridge improvement projects through planning and design phases. She has also served in project management roles and performed construction administration. She has completed the following transportation related training courses:

- ATTSA - Traffic Control Technician Supervisor, LADOTD specific
- LADOTD/LTAP – Bridge Load Rating in Louisiana
- ADOTD/RPC – Design Streets for Pedestrians and Bicycles
- LADOTD/LTAP – Local Public Agency Core Training
- LADOTD/LTAP – Local Public Agency Project Planning, Feasibility & Application
- LADOTD/LTAP – Local Public Agency Construction Engineering and Inspection Training

Ms. Rivera will serve as an engineer for Road 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).
2/17 – 7/20	**Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA | City of New Orleans - DPW** Ms. Rivera served as Project Manager overseeing the Surveying, Preliminary Design, Final Design and Bidding Phases of this project. Project consisted of full reconstruction (FRC) of several streets (13 blocks) in the urbanized Central City Neighborhood of New Orleans. Project was a complex urban design due to the number of underground utilities. Included geometric design in accordance with AASHTO design criteria and ensured compliance with the Americans with Disabilities Act (ADA). Included hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems.
1/19 – 7/20	**Lower Ninth Ward Northeast Group C (FRC) (DPW P. No. 2019-RR105). New Orleans, LA | City of New Orleans - DPW** Ms. Rivera served as Project Manager overseeing the Surveying, Preliminary Design, Final Design and Bidding Phases of this project. Project consisted of full reconstruction (FRC) of several streets (18 blocks) in the urbanized Lower Ninth Ward Neighborhood of New Orleans. Project was a complex urban design due to the number of underground utilities. Included geometric design in accordance with AASHTO design criteria and ensured compliance with the Americans with Disabilities Act (ADA). Included hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems.

12/09 – 8/16	**Baker Canal Bridge Replacement (S.P. No. H000698). Baker, LA | LADOTD** Ms. Rivera was responsible for performing a site assessment, collecting relevant data for evaluation of potential effects on the project area, and coordination with LADOTD to prepare preliminary roadway and bridge plans. She also prepared cost estimates for both the replacement and rehabilitation of the existing bridge to perform a cost comparison. Upon approval from FHWA, the bridge replacement option was chosen and final roadway and bridge plans were prepared. Microstation software along with Inroads application was used to supplement geometric calculations for the proposed widening. The bridge consisted of 3-55' AASHTO Type II girder spans over concrete bents supported by pre-cast concrete piles. Included reconstruction of the approach roadways along with geometric improvement to the US 61/LA 964 Interchange. The project was awarded for construction in September 2014 and Ms. Rivera provided assistance during construction as required.
8/13 – 8/14	**Judge Edward Dufresne Parkway Extension Stage 0 Feasibility Study and Safety Study. St. Charles Parish, LA | New Orleans Regional Planning Commission** Stage 0 Feasibility Study was for the investigation of alternatives to extend Judge Edward Dufresne Parkway or provide emergency access to I-310 in the event of a train derailment. Ms. Rivera was responsible for conducting a windshield survey, collecting pictures and existing information and preparing geometric alignment concepts and typical section drawings for the alternatives for the Stage 0 report.
1/10 – 3/12	**I-12 to Bush Environmental Impact Statement, LA | LADOTD** EIS for a proposed 4-lane highway from Bush, Louisiana to Interstate 12. Ms. Rivera performed a Line and Grade study for several alternatives. The study included developing the most suitable horizontal and vertical alignments for each alternative using Microstation and Inroads software, creating typical section templates and determining cut and fill quantities.
8/10 – 5/11	**Airline Highway Bus Rapid Transit Stage 0 Feasibility Study. Jefferson Parish, LA | LADOTD** Feasibility study to evaluate the constructability and operational feasibility of the widening of Airline Highway (US 61) from Williams Boulevard to Hickory Avenue in Jefferson Parish, Louisiana to accommodate bus rapid transit. Ms. Rivera was responsible for collecting relevant data, evaluating potential environmental, cultural, and socioeconomic resources within the project area, coordinating with Jefferson Parish Drainage Department as well as LA DOTD to develop conceptual design plans for improvements aimed at reducing traffic delays and traffic congestion. Ms. Rivera incorporated the Complete Streets Policy in the design and evaluated the engineering feasibility to complete a Stage 0 Checklist.

Firm employed by **Modjeski and Masters, Inc.**				
Name	**Emily E. Adoue, EI**	Years of relevant experience with this employer	4	
Title	Engineer Intern– Structures Section	Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization		MS 2020 Civil and Environmental Engineering BS 2017 Biological Engineering		
Active registration number / state / expiration date		EI.0034558 LA 03/31/2025		
Year registered	2020	Discipline	Civil	

Contract role(s) / brief description of responsibilities

Ms. Adoue is a Civil Engineer Intern with Modjeski and Master's New Orleans office. She has experience in providing engineering and CAD support for the development of roadway and bridge plans and specifications, inspections, and construction oversight. She has a broad knowledge of current Louisiana Department of Transportation and Development (LA DOTD), the American Association of State Highway & Transportation Officials'(AASHTO), and American Railway Engineering and Maintenance-of-Way Association's (AREMA) policies and design procedures. She is proficient in utilizing MicroStation, InRoads, AutoCAD, Inventor, and HYDRWIN. Ms. Adoue will serve as an Engineer Intern for Road 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).
12/19 – 12/20	**LA 37 (Sullivan Rd. – Liberty Rd.) Stage 0 Feasibility Study (S.P. No. H.00297.1). Baton Rouge, LA | LADOTD** Ms. Adoue provided general Engineering support for a Stage 0 Feasibility Study to evaluate the constructability and operational feasibility of various safety and operational roadway improvement alternatives along an 8.5-mile section of LA 37, broken down into 3 segments. In Phase 1, Ms. Adoue performed initial project research, data collection, and site investigations to document and observe existing conditions. She assisted with the development of the Preliminary Purpose and Need Statement and contributed to the compilation of the Phase 1 report, which indicated significant safety and capacity deficiencies throughout the project area and thus justified moving to Phase 2.
12/19 – 12/20	**Central City Group A (FRC) (DPW P. No. 2017-RR021). New Orleans, LA | City of New Orleans - DPW** Ms. Adoue provided general Engineering support during the final design and construction phases for the full depth street repair project in the Central City Neighborhood of New Orleans. The project was a complex urban design due to the number of underground utilities and limited Right-of-Way. Ms. Adoue assisted with the development of the final construction plans and specifications, including typical sections, special details, plan/profile sheets, geometric details, joint layouts, and cross sections. Ms. Adoue contributed to the calculated quantities for construction bid items and compilation of an Opinion of Probable Construction Cost (OPCC) which was ultimately within 1.1% of the winning contractor's bid. She also prepared final bid tabulations. Upon the start of construction, Ms. Adoue reviewed contractor material submittals and shop drawings for compliance with the plans and specifications.
12/19 – 12/20	**Lower Ninth Ward Northeast Group C (FRC) (DPW P. No. 2019-RR105). New Orleans, LA | City of New Orleans - DPW (2019-2020)** Ms. Adoue provided general Engineering support during the preliminary design phase for full reconstruction of 12 city blocks in the urbanized Lower Ninth Ward Neighborhood. The project was a complex urban design due to the number of underground

	utilities and limited Right-of-Way. Ms. Adoue performed hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems. She developed preliminary plans and specifications, including typical sections, plan/profile sheets, and geometric details. Ms. Adoue also contributed to the calculated quantities for construction bid items and the preliminary OPCC.
12/19 – 12/20	**Judge Edward Dufresne Parkway Extension Stage 0 Feasibility Study and Safety Study. St. Charles Parish, LA | New Orleans Regional Planning Commission** Stage 0 Feasibility Study was for the investigation of alternatives to extend Judge Edward Dufresne Parkway or provide emergency access to I-310 in the event of a train derailment. Ms. Rivera was responsible for conducting a windshield survey, collecting pictures and existing information and preparing geometric alignment concepts and typical section drawings for the alternatives for the Stage 0 report.
1/10 – 3/12	**Filmore South Group D (FRC) (DPW P. No. 2020-RR045). New Orleans, LA | City of New Orleans - DPW** Ms. Adoue provided general Engineering support during the preliminary design phase. She performed geometric design in accordance with AASHTO design criteria and ensured compliance with the ADA for full reconstruction of 4 streets (approx. 3800 linear feet) in the urbanized Filmore Neighborhood. The project was a complex urban design due to the number of underground utilities and limited Right-of-Way. Ms. Adoue performed hydrologic and hydraulic analyses for the design of the sub-surface drainage system for a 10-year design storm in accordance with the LA DOTD Hydraulics Manual, along with design of the replacement of existing water and sanitary sewer systems. She developed preliminary plans and specifications, including typical sections, plan/profile sheets, and geometric details. Ms. Adoue also contributed to calculated quantities for construction bid items and the preliminary OPCC.
01/21 – 09/21	**Almonaster Avenue Railroad Bridge Over the Industrial Canal. New Orleans, LA | Port of New Orleans** Ms. Adoue provided general Engineering and CAD support for the bridge assessment and complete rehabilitative engineering design for the rehabilitation of the Almonaster Avenue Railroad Bridge. This project involves the partial replacement of the Almonaster Avenue Railroad Bridge, a movable Strauss-heel trunnion bridge. A 2019 assessment of the circa-1920 bridge revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. Although the existing substructure could remain, modifications were deemed necessary to accommodate the rehabilitated superstructure. The necessary design plans were developed to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.

Firm employed by	**Vectura Consulting Services, LLC**			
Name	**Sheelagh Brin Ferlito, PE, PTOE**		Years of relevant experience with this employer	9
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1988 / Civil Engineer	
Active registration number / state / expiration date			PE. 0025383 / LA 09/30/2025	
Year registered	1993	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Traffic Signal Design Lead	

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.
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)** Ms. Ferlito 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 signal timing** 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.
02/03 – 01/04	**EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)** Brin was the project engineer for the **design of 66 signalized intersections** on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Laurence Lucius Lambert, II, PE, PTOE, PTP**	Years of relevant experience with this employer	9
Title	Supervisor-Eng	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010	
Active registration number / state / expiration date		PE.0029901 / LA / 3/31/2026	
Year registered	Civil	Discipline	Civil
Contract role(s) / brief description of responsibilities		Data Collection and Traffic Management Plan Supervisor	

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**. Vectura 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**. Vectura 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.
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 **develop 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 the traffic data was collected, Laurence performed **traffic signal warrants analyses**, performed 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).
11/09 – 08/10	**I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA)** The scope of this project consisted of preparing and obtaining environmental clearance for the proposed future roadway and signal improvements at the I-12 / Millerville Road Interchange. Laurence prepared documents and obtained environmental clearance for all on-site work and held public meetings. Laurence developed all HCS analyses and a micro-simulation model. Laurence also participated in several public meetings to satisfy the environmental clearance requirements.
09/06 - 09/07	**EBR 06-CS-HC-00012 Downtown Baton Rouge Signal Project (Baton Rouge)** Laurence was the Project Manager to develop **construction plans to upgrade 29 signals** in downtown Baton Rouge as part of the EBR Green Light Plan. Laurence developed a design study that included **traffic data collection**, handicap ramp recommendations, countdown pedestrian signals and internally illuminated street name signs.
04/04 - 09/06	**Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)** Laurence was the lead traffic engineer for a **Stage 0** traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC **TransCAD model** growth rates. Using HCS, Laurence **analyzed signalized and unsignalized intersections**, basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.
04/04 - 12/04	**I-10 Frontage Roads, Picardy Interchange, Bluebonnet Siegen (Baton Rouge, LA)** Laurence provided the traffic analysis for a highly unique reconfiguration of interstate ramps that included frontage roads and an overpass of I-10 for new an interchange at Picardy. HCS and VISSIM were the primary analysis tools for the analysis. As part of the design team that developed the concept for this project, Laurence performed **feasibility studies**, developed design criteria, and coordinated with city, state and federal agencies for approvals as well as gathered public input. Laurence prepared traffic signal timings and designs that included cost estimates for the project.

Firm employed by	**Vectura Consulting Services, LLC**			
Name	**Reece Rodrigue, PE, PTOE, RSP1**	Years of relevant experience with this employer	4	
Title	Engineer	Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization		B.S./2013/Civil Engr.		
Active registration number / state / expiration date		PE.0042074 / LA / 3/31/2026		
Year registered	Civil	Discipline	Civil	
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.
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.
10/16 – 05/17	**Loyola Interchange Modification Request, Kenner, LA** Reece was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration.
02/15 – 12/15	**H.011646 Retainer Contract for DOTD District 02 Traffic Signal Inventories - Nola 3** Reece served as the lead engineer in the production of the traffic study for the District 02 Traffic Signal Inventories. The objective was to effectively correct the progression of traffic through the US 90 (Broad St) corridor. He reviewed vehicle crash data at all intersections in the study scope. He conducted travel time runs. He created a model with existing traffic signal timing information using Synchro 8 Software. He recommended traffic signal pedestrian clearance times and yellow and red clearance times for each intersection. He used MicroStation V8i when designing traffic signal plans in DOTD's TSI format.

Firm employed by	**Vectura Consulting Services, LLC**			
Name	**Kristen Farrington, PE, PTOE, RSP1**	Years of relevant experience with this employer	3	
Title	Engineer	Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engr.		
Active registration number / state / expiration date		PE.0042785 / LA / 3/31/2025		
Year registered	Civil	Discipline	Civil	
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 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 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.
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

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Karla E. Weston, PE**		Years of relevant experience with this employer	19	
Title	President		Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering		
Active registration number / state / expiration date			31010 / Louisiana / March 31, 2026		
Year registered	2004	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Mrs. Weston's 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firms' role as a sub-consultant and ensure the work is completed to LADOTD standards.		

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

	included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	**H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29:** Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Chris Ballard, PLS**		Years of relevant experience with this employer	8	
Title	Survey Manager		Years of relevant experience with other employer(s)	19	
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University		
Active registration number / state / expiration date			5033 / Louisiana / September 30, 2026		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Ballard is the Survey Manager for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Ballard is the Survey Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Ballard is the Survey Manager for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19-09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA**: Mr. Ballard is the Survey Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.

01/17-12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:** In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16-11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:** Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17-09/17	**H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA**: Mr. Ballard is the Survey Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
10/15 - 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	**H.002372 LA 42 Widening and Improvements, Ascension Parish, LA**: Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Madison Mills, PLS**		Years of relevant experience with this employer	3	
Title	Survey Project Manager		Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering		
Active registration number / state / expiration date			5293 / Louisiana / March 31, 2025		
Year registered	11/15/2022	Discipline	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.		

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 I-20 UPPR**: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 02/23	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**: Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.
08/21 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE

	personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Mills served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
02/21 – 07/22	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	**H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
07/21 – 11/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	**H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	**H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Bryan Bergeron**	Years of relevant experience with this employer	1	
Title	Survey Technician	Years of relevant experience with other employer(s)	2	
Degree(s) / Years / Specialization		BS / 2022 / Civil Engineering		
Active registration number / state / expiration date		ATSSA Flagger / ATSAA Traffic Control Supervisor		
Year registered	Discipline	Engineering		
Contract role(s) / brief description of responsibilities		Mr. Bergeron serves as a Survey Technician and will help manage field crews, process field crew data and finalize deliverables.		

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 - 08/23	**H.012914 LA 3073 – Ambassador @ Verot-Bonin:** Mr. Bergeron is the Survey Technician for this project. Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 4,000 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
08/23 – 12/23	**H.015496 Sauvage Avenue and Caddy Drive Bridges:** Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 2160 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement projects. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
08/23 – 12/23	**H.015498 Park Road Over Lagoon**: Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 1040 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement project. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/24 – On-Going	**MOVEBR Lobdell Intersection**: Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 1030 feet of roadway. Traditional means and methods are used to collect topographic data for this Property boundary survey.

	He will help manage crews, process field data, create punch-lists, and help complete the final deliverables to the client. Project will be completed to MOVEBR City-Parish Standards and practices.
07/24 – On-Going	**MOVEBR Bayou Duplantier Boundary:** Mr. Bergeron is the Survey Technician for this project. Topographic Survey for 200 acres of floodplains. Traditional means and methods are used to collect topographic data for this Property boundary survey. He will help manage crews, process field data, create punch-lists, and help complete the final deliverables to the client. Project will be completed to MOVEBR City-Parish Standards and practices.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Chancey Cothren**		Years of relevant experience with this employer	1	
Title	Land Survey Intern		Years of relevant experience with other employer(s)	2	
Degree(s) / Years / Specialization			BS / 2023 / Geomatics		
Active registration number / state / expiration date			776 / Louisiana / March 31, 2006		
Year registered	2023	Discipline	Land Surveying Intern		
Contract role(s) / brief description of responsibilities			Mr. Cothren is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables.		

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 specified in the applicable MPR(s).
6/23 – 8/23	**LA-22:** Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
8/23 – 10/23	**I-10 / LA-44:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
11/23 – 12/23	**Gause Blvd / EI-10 Service Road:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Staton. Project was completed to LADOTD Location and Survey Standards and practices.
8/22-9/22	**USACE: Mississippi river hydrographic survey:** Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.
8/23	**USACE: Mississippi river revetment restoration:** Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Bradley Jacobs, EI**	Years of relevant experience with this employer	2		
Title	Survey Technician	Years of relevant experience with other employer(s)	9		
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering			
Active registration number / state / expiration date		32456 / Louisiana / September 30, 2025			
Year registered	06/08/2015	Discipline	Engineering Intern		
Contract role(s) / brief description of responsibilities		Mr. Jacobs serves as a Survey Technician and will process field crew data and finalize deliverables.			

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices
05/23 – 08/23	**H.015056 - LA 685:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Jacobs is the Survey Technician for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3**: Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/15 – 05/15	**Albany Annex:** Worked on the boundary survey for extending the town limits of Albany, Louisiana. I went to the courthouse and did title research for the properties that were obtained for the annex. I set the new boundary lines for the new town limits. I also drew the map showing the boundary of the properties that were obtained.
06/15 – 06/19	**Pecue Lane:** Worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, I set where the monuments will be in the office. I also calculated the bearings and distances between each right of way monument. I also wrote the legal descriptions for the Right of Way and verified that it matches the maps. I also created the control sketch based off the traverse. All

	drawings were created up to DOTD Standards. Worked on the horizontal and vertical alignments for the preliminary and final design of the project. Also set up the horizontal and vertical alignments for the detour road. Designed the subsurface drainage systems along with the existing and design drainage maps. Also worked on the drainage report with technical writing, drainage maps, and calculations. Set up the temporary erosion control and set the limits of construction. Worked on the joint layout and calculated the elevations for the graphical grade. Calculated the quantities and cost estimate for the project.
06/15 – 07/15	**Essen Lane Control:** Worked on Right of Way maps in the office and helped set monuments in the field. I set the points for all the right of way monuments in the office and then went to the field to assist the crews in staking out and setting the monuments 2021 Bellacosa Residential Subdivision - Generate Point file for the survey crew to stakeout the property corners for each lot within the subdivision.
04/21 – 05/21	**Jefferson and Corporate Interchange Survey:** Created the GPS control sketch that shows the traverse for the survey.
06/21	**Pollard Branch:** Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps. Topographic Surveys
06/14 – 07/14	**I-12 to Bush:** Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations. Set up the cross sections for 8 miles of new road. Worked on the drainage of the equalizer pipes throughout the project. Worked on the temporary and permanent erosion control for the entire project. Calculated the quantities and cost estimate for the project.
07/19 – 07/20	**LA 964:** Designed the horizontal and vertical alignments for LA 964 for the new section that will cover the Comite Diversion Canal. Designed horizontal and vertical alignments for the diversion road. Designed the superelevation for the road in the horizontal curve. Designed the open channel ditches and sized the culverts for the project. Set up the typical sections and cross sections for the project. Calculated the quantities and cost estimate for the project.
07/18 -07/19	**I-10 Widening from Highland to LA 73:** Worked on cross sections. Worked on the typical sections and drainage.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Scott Benton**	Years of experience with this firm/employer	6.5	
Title	Survey Project Manager	Years of experience with other firm(s)/employer(s)	5	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger|		
Year registered	Discipline			
Contract role(s) / brief description of responsibilities		Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.		

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Benton served as the firm's lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
12/19 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
03/14 – 06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA**: Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur

	for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
02/13 – 06/13	**H.005693 LA 447, Walker, LA**: Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.
10/14 – 12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
07/14 – 10/15	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Benton served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.

Firm employed by	**Design Civil & Construction, Inc. (CD&C)**			
Name	**Trent Norris**	Years of relevant experience with this employer	10	
Title	Remote Sensing Technician	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered	Discipline			
Contract role(s) / brief description of responsibilities		Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Norris is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Norris is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Norris is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Norris is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr.Norris served as the lead Survey Technician on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
01/18 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.

10/16 – 10/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/15 – 12/18	**H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
01/16 – 07/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Philip Dupree**	Years of relevant experience with this employer	11	
Title	Senior Survey Party Chief	Years of relevant experience with other employer(s)	30	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor		
Year registered	Discipline			
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Dupree was the Senior Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish**: Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18-02/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.

10/15-12/2018	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.
01/16-08/2016	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.
10/16-11/2016	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge**,** 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.
07/14/10/2015	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

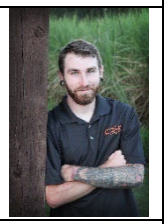
Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Jacob Stoehr**		Years of relevant experience with this employer	**8.5**	
Title	Survey Party Chief		Years of relevant experience with other employer(s)	**1.5**	
Degree(s) / Years / Specialization					
Active registration number / state / expiration date			ATSSA Traffic Control Technician, Flagger		
Year registered		Discipline			
Contract role(s) / brief description of responsibilities			Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/23 – 12/23	**H.012027 I 20: Union Pacific RR Overpass**: Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:** Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18-01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/16-01/2018	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
02/19 - 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA**: Mr. Stoehr served as a Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation must be in accordance with FEMA's policies and procedures.
7/17 – 12/18	**H.003184.5 I-10 Texas State Line East of Coone Gully:** Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Drennon Humphreys**		Years of relevant experience with this employer	3	
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization					
Active registration number / state / expiration date			ATSSA Flagger, ATSSA Traffic Control Supervisor		
Year registered		Discipline			
Contract role(s) / brief description of responsibilities			Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/21 – 06/21	**H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 05/21	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 01/22	**Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.

04/21 – 12/21	**Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 05/22	**H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Alex Wells**	Years of relevant experience with this employer	4	
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA Flagger, ATSSA Traffic Control Supervisor		
Year registered	Discipline			
Contract role(s) / brief description of responsibilities		Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.		

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/21 – On-Going	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
09/22 – 01/23	**BRMA Northwest Aviation Development**: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish**: Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
02/21 – 05/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.

10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**			
Name	**Hunter Smith**	Years of relevant experience with this employer	2	
Title	Survey Party Chief	Years of relevant experience with other employer(s)		
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA Flagger, ATSSA Traffic Control Supervisor (Completed Jan 2025)		
Year registered	Discipline			
Contract role(s) / brief description of responsibilities		Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.		

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 specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**: Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.
08/22 – On-Going	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22-11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
02/23 – 12/23	**H.012027.5 - I-20 UPPR**: Mr. Smith served as an Instrument Man for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.

Firm employed by	**Civil Design & Construction, Inc. (CD&C)**				
Name	**Clarence J. Goodspeed**		Years of relevant experience with this employer	2	
Title	SUE Manager		Years of relevant experience with other employer(s)	30	
Degree(s) / Years / Specialization					
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer			Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
03/23 – On-Going	**MSY Campus Wide Sewer Location**: Mr. Goodspeed serves as the firms SUE PM for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it's sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.
01/24 – 03/24	**RN Nuccio Rd SUE**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – On-Going	**MSY East Apron Expansion**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/24 – 05/24	**BRMA Radar Decomp**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
12/23 – 05/24	**BRMA Taxiway F Reconstruction**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities

	which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
05/23 – 06/23	**West Broussard @ Duhon SUE:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on for this project. CD&C, Inc. provided SUE QL-A utility designation for approximately 2,000' of roadway. CD&C, Inc. provided all SUE reports and data.
09/22 – 01/23	**BRMA Northwest Aviation Development**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – On-Going	**College Drive (MoveBR):** Mr. Goodspeed serves as the firm's SUE Manager for the project. This project includes full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QL-D to QL-B level accuracy. An official SUE submittal was not required for this project. The final submittal is following standards set forth by the City/Parish government for EBR.
10/23 – On-Going	**HMGP – FEMA Groom Road Brushy Bayou:** Mr. Goodspeed served as the firm's SUE Manager for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QL-B.
05/23 – 06-23	**Burbank at Pelican Lakes:** Mr. Goodspeed served as the firm's SUE Manager on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QL-C.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Goodspeed served as the firm's SUE Manager for this project working to provide Utility Coordination and Utility mapping. Mr. Goodspeed worked with the local utility companies to locate their assets as much as possible. In instances where the utilities did not locate, Mr. Goodspeed secured as-built/record drawings and directed SUE field crews for the marking of those particular assets so that a topography survey could be completed. Mr. Goodspeed also served as a QC Check for all the utilities located by the survey crews and SUE Crew.

Firm employed by **Civil Design & Construction, Inc. (CD&C)**				
Name	**Tracey Smith**	Years of relevant experience with this employer	2	
Title	Utility Coordinator	Years of relevant experience with other employer(s)	24	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered	Discipline			
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		Mr. Smith has over 24 years' experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
03/23 – On-Going	**MSY Campus Wide Sewer Location**: Mr. Smith serves as the SUE field chief for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate its sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.
01/24 – 03/24	**RN Nuccio Rd SUE:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – On-Going	**MSY East Apron Expansion:** Mr. Smith serves as the SUE Field Chief for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/24 – 05/24	**BRMA Radar Decomp:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked

	up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
12/23 – 05/24	**BRMA Taxiway F Reconstruction:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
09/22 – 01/23	**BRMA Northwest Aviation Development**: Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Smith served as the firms SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – On-Going	**College Drive (MoveBR):** Mr. Smith serves as the SUE Field Chief for the project. This project included full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QLD to QLB level accuracy. An official SUE submittal was not required for this project. The final submittal was following standards set forth by the City/Parish government for EBR.
10/23 – On-Going	**HMGP – FEMA Groom Road Brushy Bayou:** Mr. Smith serves as the SUE Field Chief for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QLB.
05/23 – 06-23	**Burbank at Pelican Lakes:** Mr. Smith served as the SUE Field Chief on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QLD.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Smith served as the SUE Field Chief for this project. Mr. Smith worked with the local utility companies. In instances where the utilities did not locate, Mr. Smith assisted in securing as-built/record drawings. Mr. Smith marked those assets so that a complete topography survey could be completed.

17. Firm Experience:

Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Road, Traffic	
Project name	**US 90-Z CCC Decorative Lighting**		Firm responsibility (prime or sub?)	Prime	
Project number	**H.015504**	Owner's name	Louisiana Department of Transportation and Development		
Project location	Orleans and Jefferson Parishes		Owner's Project Manager	Christina Brignac, PE	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, (225) 379-1394, christina.brignac@la.gov				
Services commenced by this firm (mm/yy)	03/23	Total consultant contract cost ($1,000's)		$705	
Services completed by this firm (mm/yy)	02/25	Cost of consultant services provided by this firm ($1,000's)		$626	

This project involved the design of the Dynamic Decorative Lighting System to be installed on the two Crescent City Connection (CCC) Bridges over the Mississippi River in New Orleans, LA. (CCC #1 & CCC #2). The decorative lighting system includes remotely operated dynamic LED necklace lighting on the top chords, uplighting on selected truss members and downlighting on the main piers and would be on both the upriver and downriver sides of the two superstructures. Project was on an expedited schedule in order for the decorative lighting system to be fully operational by the February 9, 2025 Super Bowl, in New Orleans, LA. Construction commenced in February 2024 and was completed ahead of schedule.

Project Features

- Design and development of electrical lighting plans and specifications conforming to the LADOTD Illumination Standards and the National Electric Code.
- Coordination with the U. S. Coast Guard (USCG) for approval to install the decorative lighting
- **Develop Level 4 Transportation Management Plan (TMP)**

Tasks Performed

- Electrical Design, Photometric Analysis, LED Decorative Lighting
- **Level 4 Transportation Management Plan**
- **Complex Temporary Traffic Control Plans**
- **Queue Detection System Layout Plans**
- **Final Construction Plans and Specifications**
- **Construction Support (CRES)**

Key Personnel: **Cullen J. Ledet, PE, Newell H. Schindler, PE, Justin M. Guillot, PE**, Joseph G. Strenkoski, PE**,** Jonathan E. Gerhart, PE, Erin N. Rodgers, PE

Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Road, Traffic	
Project name	**Bobby Hopper Tunnel Inspection and Rehabilitation**		Firm responsibility (prime or sub?)	Prime	
Project number	**Task Order B1002**	Owner's name	Arkansas Department of Transportation		
Project location	Washington County		Owner's Project Manager	Andrew Nanneman, PE	
Owner's address, phone, email	P.O. Box 2261, Little Rock, AR 72203-2261, (501) 569-2601, Andrew.nanneman@ardot.gov				
Services commenced by this firm (mm/yy)	04/23	Total consultant contract cost ($1,000's)		$1,700	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$1,700	

Modjeski and Masters (M&M) performed an inspection of the Bobby Hopper Tunnel near Winslow, AR for Arkansas Department of Transportation (ARDOT), on I-49. The tunnel received a 100% hands-on inspection of all the tunnel elements both within and on top of Tube A (SB) and B (NB) bores, the mountain above the tubes, and around/throughout the North and South portals and approaches.

Based on the findings and recommendations outlined in M&M's inspection report, in 2024 ARDOT executed Supplemental No. 1 to the original inspection services Task Order No. B1002 adding Title I and Title II Services. The Title I services include two Task for road design, structural design, mechanical systems design and electrical systems design as outlined below:

- Task I - Alternative Feasibility Study Phase (95% complete)
- Task 2 - Design Phase

Project is being managed out of M&M's New Orleans, LA office and M&M's New Orleans Highway Section is currently performing all the Road Design Services. The Road Design Services consists of designing permanent diversion crossovers for both the northern and southern roadway approaches to the tunnel. Separate complete bore closures will be required for the rehabilitation of each of the tunnel bores. Diversion crossovers will be required to divert traffic to one bore to maintain two-way traffic. The existing four-lane facility will be reduced to two-lane with two-way traffic for each of the bore closures. The proposed permanent diversion crossovers will also be beneficial for future inspection and maintenance requirements, along with diverting traffic in emergency incident management situations. Designs are being performed based on AASHTO's A Policy on Geometric Design and Streets, Roadside Design Guide, Manual for Assessing Safety Hardware MASH, and FHWA's MUTCD. I-49 is currently posted for 75 MPH in the project area.

Design Variables Include

- Design Speed
- Horizontal and Vertical Geometry
- Superelevation
- Removable Median Barriers (MASH TL- 4)
- Horizontal Clear Zone
- Temporary Traffic Control
- Conflicts with existing features (drainage lighting median barriers, etc)

Key Personnel: **Cullen J. Ledet, PE, Newell H. Schindler, PE, Justin M. Guillot, PE**, Braden B. Brajkovich, PE, Alexander F. Waardenburg, PE, Aaron C. Kober, PE, Lee R. Lentz, PE

Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Road, Traffic	
Project name	**SH 22 at Richland Creek**			Firm responsibility (prime or sub?)	Prime
Project number	**CSJ 0121-03-064**	Owner's name	Texas Department of Transportation		
Project location	Hill County		Owner's Project Manager	Dora Fernendez, M.Sc. PE	
Owner's address, phone, email	1601 Southwest Pkwy, Wichita Falls, TX76302, (915) 790-4437, Dora.Fernendez@txdot.gov				
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost ($1,000's)		$456	
Services completed by this firm (mm/yy)	02/25	Cost of consultant services provided by this firm ($1,000's)		$251	

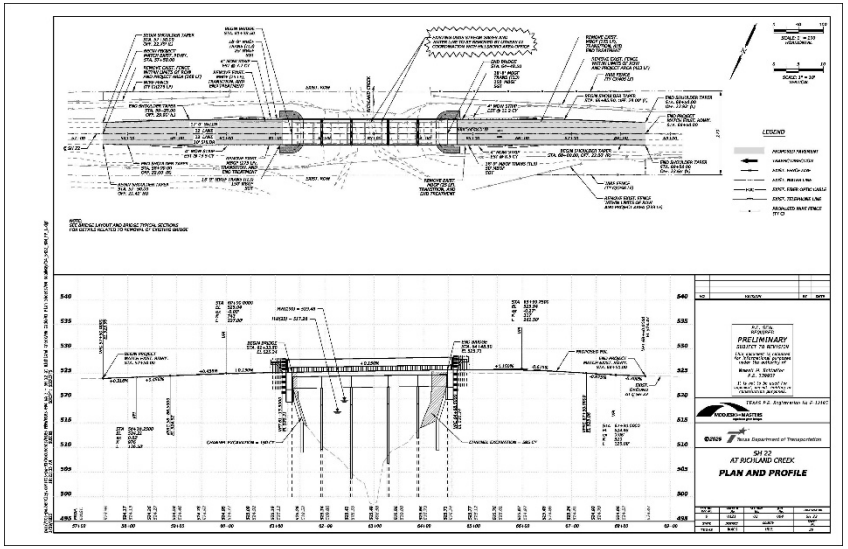
This project involved the preparation of plans, specifications and estimates (PS&E) for the on-system bridge replacement on State Highway (SH) 22 at Richland Creek. SH 22 is Minor Arterial with a posted speed of 70 MPH and a design speed of 75 MPH. The existing bridge is 46' x 275'-6" with 2-12' travel lanes and 10' Shoulders. The proposed new bridge is 53' x 315' with 2-12' lanes, 1-10' shoulder and 1-17' shoulder. The 17' foot wider shoulder will allow for maintaining traffic throughout construction with 2-Phases and to accommodate a future Super-2 Highway heading west out of the nearby town of Mertens, TX. A Super 2 Highway is where a periodic passing lane is added to a two-lane rural highway to allow slower vehicles to pass and traffic platoons to disperse. As the Prime, Modjeski and Masters (M&M) performed 100% of the Bridge and Road Design services. **M&M's New Orleans, LA Highway Section performed all the required road design services for this project.**

Project Features

- Sequence of Construction and Temporary Traffic Control Plans Layouts to maintain traffic with 2-phase construction
- Full reconstruction and widening of the approach roadways to accommodate a future Super 2 Highway
- Bentley OpenRoads 3-D Model

Road Design Tasks Performed

- Develop Typical Sections for full reconstruction and widening
- Quantity Summaries
- Plan and Profile
- Signage & Striping Plan
- Temporary Erosion Control Plans (SWP3 Layout)
- Cross Sections and Earthwork Quantities

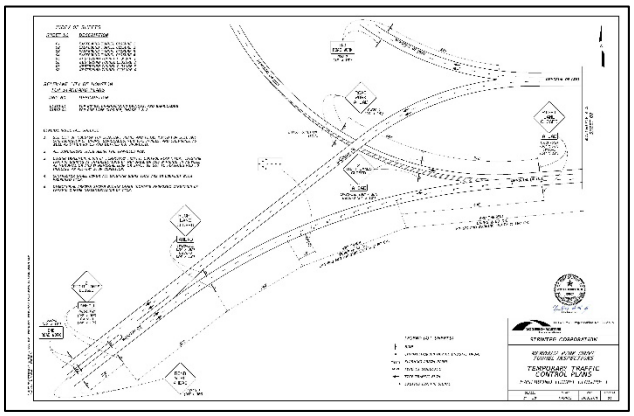


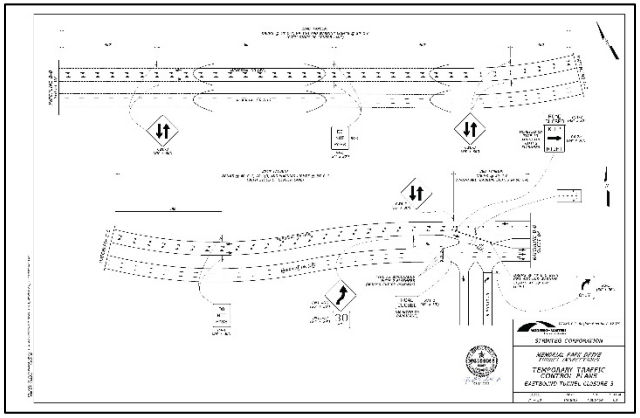
Key Personnel: **Cullen J. Ledet, PE, Newell H. Schindler, PE, Justin M. Guillot, PE**, Wayne Ellenberger, PE**,** Nicholas R. Nemec, PE, Robert T. Fidone, PE

Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Road, Traffic	
Project name	**TxDOT - Memorial Park Tunnels TTC**			Firm responsibility (prime or sub?)	Subconsultant
Project number	**88-1IDP5001**	Owner's name	Texas Department of Transportation		
Project location	Houston, TX		Owner's Project Manager	Keith Ramsey, PE (Strinteg Corporation)	
Owner's address, phone, email	7700 Hub Parkway, Suite 1, Valley View, OH, (512) 751-5566, Dora.Fernendez@txdot.gov				
Services commenced by this firm (mm/yy)	07/23	Total consultant contract cost ($1,000's)		$40	
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm ($1,000's)		$40	

Strinteg Corporation (Strinteg) was under contract with TxDOT to perform the first annual inspection of the recently constructed land bridge tunnels along Memorial Drive eastbound and westbound within Memorial Park in the City of Houston. Modjeski and Master's (M&M) as a subconsultant to Strinteg was contracted to develop Temporary Traffic Control Plans for complete separate eastbound and westbound tunnel bore closures, for Strinteg to perform the inspections.

M&M developed complex Temporary Traffic Control (TTC) Plans in accordance with TxDOT MUTCD and TxDOT and City of Houston Temporary Traffic Control requirements. Existing 6-lane divided urban arterial highway reduced to 2-lanes. Required two sets of TTC plans (Complete closure of westbound tunnels with westbound traffic diverted to the eastbound roadway and complete closure eastbound tunnel with eastbound traffic diverted to the westbound roadway. Complex TTC due to the double lane closures and proximity to the Woodway Dr. Interchange, along with the N. Picnic Lane, West Memorial Loop Dr. and S. Picnic Lane intersections. TxDOT and the City of Houston intends to adopt the TTC plans prepared by M&M for all future tunnel inspections.





Key Personnel: **Cullen J. Ledet, PE, Newell H. Schindler, PE, Justin M. Guillot, PE**, Lindsey A. Woolverton, PE

Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Road, Traffic	
Project name	**Cline Avenue Bridge**			Firm responsibility (prime or sub?)	Prime
Project number	**N/A**	Owner's name	United Bridge Partners		
Project location	Houston, TX		Owner's Project Manager	Ken Szeliga	
Owner's address, phone, email	7800 E. Union Ave., Suite 525, CO 80237, (303) 257-4745, kszeliga@unitedbridgepartners.com				
Services commenced by this firm (mm/yy)	05/2020	Total consultant contract cost ($1,000's)		$6,000	
Services completed by this firm (mm/yy)	12/2021	Cost of consultant services provided by this firm ($1,000's)		$6,000	

The Cline Avenue Bridge is a 6,236-foot long precast segmental bridge that spans over several rail lines, Riley Road, and the Indiana Harbor Canal in East Chicago, IN. The new structure consists of 29 cast-in-place concrete columns that support 685 post-tensioned concrete single cell box girders segments which form the bridge's deck. Completion of this project restored entrance into the Northwest Indiana area.

The Bridge was designed by another engineering firm and when the construction of the bridge was approximate 70% complete Modjeski and Masters, Inc. was contacted by United Bridge Partners to perform a fully independent review on the design, review of construction documents, and provide an on-site presence for completion of construction of the 1.2 mile long segmental bridge. The bridge was opened to traffic on December 23, 2021.

M&M's New Orleans Highway Section developed temporary traffic control plans to improve traffic flow and safety for the initial bridge opening and performed and independent technical review (ITR) of the permanent striping, pavement markings and signage for the bridge and approaches to evaluate conformance with DOT, MUTCD and AASHTO design guidelines and criteria. (total project length = 3 mi.) M&M Prepared roadway striping and signage plan to improve the safety and operational efficiency of the facility. M&M also performed a feasibility study for two (2) proposed new interchanges which included conceptual exit/entrance ramp geometric layouts, roundabouts and structural bridge concepts. Prepared plans for the installation of Supplemental Guide Signs in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).

PERSONNEL: ***Ralph J Eppehimer, PE Cullen J. Ledet, PE, Newell H. Schindler, PE, Justin M. Guillot, PE Matthew J. Miller, PE, Michael D. House, PE***

Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	**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	12/23	Total consultant contract cost ($1,000's)		$65	
Services completed by this firm	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)

Firm name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Category(ies)*	Traffic
Project name	**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	9/17	Total consultant contract cost ($1,000's)	unknown
Services completed by this firm	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)

Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Category(ies)*	Traffic	
Project name	**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		12/23	Total consultant contract cost ($1,000's)	$55	
Services completed by this firm		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)

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

Project Description: This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

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

Members Involved: Karla Weston, PE; Christopher Ballard, PLS Survey PM; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief

Performed in LA: 100%

Firm name	**Civil Design & Construction, Inc.**		Discipline(s)*	Survey	
Project name	**US 190 Superstreet**			Firm responsibility (prime or sub?)	Sub
Project number	**H.005733.5**	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802/2225-379-123/Joshua.harrouch@la.gov				
Services commenced by this firm (mm/yy)	01/16	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	08/16	Cost of consultant services provided by this firm ($1,000's)		$207	

Project Description: This project was the topographic survey of US 190 in Covington. The survey limits were along a portion of the existing routes of US 190, Holiday Square Frontage Road, US 190 Service Road, Holiday Blvd., Holycrest Plaza Driveway, Louis Prima Drive, Park Place Drive, Lake Drive, Crestwood Blvd., 9th Avenue, Three Rivers Road, River Highlands Blvd., Harrison Ave., Maple Ridge Ave., North 12th Street, Sunshine Ave., North 6th Street, Riverside Drive, and North 2nd Street and is approximately 2.9 miles in length.

CD&C's Role: CD&C's role was to provide the complete topographic survey and drainage map for this project including all utility coordination. The survey begins at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. The width of the survey and DTM extended to the Western Edge of Pavement to Eastern Edge of Pavement along US 190 and tied in with the existing topographic features picked up on the previous survey done under H.011137.5 and H.011152.5 (Interstate 12 Survey). This also included cross sectioning a portion of the Abita River in the project area. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures. All deliverables were in LADOTD required formats. 3D Terrestrial Scanning was used in conjunction with traditional means and methods to complete this project.

Members Involved: Karla Weston, PE, Survey Manager; Christopher Ballard, PLS Survey PM; Philip Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician

Performed in LA: 100%

Firm name	**Civil Design & Construction, Inc.**		Discipline(s)*	Survey	
Project name	**I-20 UPRR Overpass**			Firm responsibility (prime or sub?)	Sub
Project number	**H.012027.5**	Owner's name	LADOTD		
Project location	Shreveport, LA		Owner's Project Manager	Thomas Gattle (Huval & Assoc.)	
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 705007 / 337-234-3798 / tgattle@tgattle@huvalassoc.com				
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	12/23	Cost of consultant services provided by this firm ($1,000's)		281	

Project Description: CD&C, Inc. was a sub-consultant on this project. CD&C, Inc. performed a full topographic beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails. The survey total distance was 2.03 miles with a width of approximately 350 feet. This included 1 mile along Highway 79 with a width of 300 feet.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Final submittal was in accordance with latest LADOTD Location and Survey standards.

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

Performed in LA: 100%

18. Approach and Methodology:

COMPANY PROFILE

Modjeski and Masters, Inc. (M&M) has been performing engineering design services for LADOTD for over 60 years which has included bridge and roadway improvement projects, along with roadway lighting.

Even before the beginning of the Federal Interstate Highway System, M&M had established itself as an expert in the planning and design of major expressways and interchanges. M&M continues to be an invaluable partner to transportation agencies trying to keep pace with growing demands. We offer a full array of comprehensive highway, bridge and interchange/intersection design services. And we provide solutions that not only meet today's needs, but also accommodate future requirements as well.

M&M's personnel have extensive knowledge of current LADOTD, the American Association of State Highway & Transportation Officials (AASHTO's) policies and design procedures. The M&M staff is also extremely knowledgeable of the requirements of the Federal Highway Administration's (FHWA's) Manual on Uniform Traffic Control Devices (MUTCD). M&M's key personnel designated for this project have performed hydrologic and hydraulic analysis and design in accordance with LADOTD's Hydraulics Manual on a multitude of roadway improvement projects and are also extremely knowledgeable of LADOTD's roundabout policies and guidelines along with the NCHRP Report 672 – "Roundabouts: An Informational Guide" Second Edition.

M&M's Louisiana Highway Section recently completed a Level 4 Transportation Management Plan (TMP) for the fast tracked Dynamic Decorative Lighting System Project on the two Crescent City Connection Bridges (CCC) in New Orleans La, in association with Vectura Consulting Services. LLC (Vectura). (S.P. No. H.015504: US 90-Z CCC Decorative Lighting). The TMP included several custom Temporary Traffic Control Plans which enabled the construction contractor to complete the lighting installation ahead of schedule, prior to the February 2025 Superbowl in New Orleans. M&M also developed Queue Detection System Layout Plans for both the eastbound and westbound bridge approaches. The roadway design services M&M performed are outlined in the first project sheet in Section 17 of this 24-102.

PROJECT UNDERSTANDING

Since this is an IDIQ contract, we understand that project scopes could vary significantly between Task Orders. We anticipate that a Task Order may consist of one or more of the following types of projects:

- Roadway Resurfacing/Rehabilitation
- Roadway Reconstruction
- Roadway Widening
- Intersection Improvements (including roundabouts and signalized intersections)
- Interchange Improvements
- Access Management

Roadway classifications could consist of both rural and urban and include freeways, interstates, arterials, collectors and local roads.

We also understand that services may include but are not limited to the following:

- Topographic Surveys
- Traffic Control Design, Traffic Signal Analysis and Design
- Traffic Studies
- Preliminary and Final Roadway Design, Plan Development and Cost Estimates
- Hydraulic Analysis and Design
- Road Design Services During the Environmental Process
- Special Provision Write-ups
- Transportation Management Plans (TMPs)
- Quality Plan Reviews
- Technical Research and Guidance
- Construction Support

M&M will evaluate each project to incorporate LADOTD's Complete Streets Policy to provide facilities for all users, including pedestrian and bicycles, where determined to be feasible and warranted. Context sensitive solutions will be considered and implemented throughout the design process.

PROJECT APPROACH

M&M has assembled a highly qualified team for this Roadway Design Services IDIQ Contract. As indicated in the Organizational Chart in Section 14 along with the resumes in Section 16, M&M's Team has a highly experience staff with extensive LADOTD experience in performing all required services required for any road design Task Order. M&M's Team proposed for this project easily fulfill the five (5) Minimum Personnel Requirements. Joining the M&M Team for this project are the highly respected DBE Firms of Vectura and Civil Design and Construction, Inc. (CD&C). CD&C will be responsible for acquiring any required topographic survey as determined by the design team. CD&C will also provide SUE services if required. Vectura will be responsible for performing all Traffic Engineering Services which may include Traffic Control Design, Traffic Safety Analysis, Traffic Signal Analysis and Design, Traffic Signal Warrants, Construction Support and TMPs in accordance with EDSM No. VI.1.1.8. All of Vectura's designated PE/PTOEs for this contract have completed LADOTD's Traffic Engineering Process and Report Training Requirements (TEPR).

M&M has a history of successfully teaming with both Vectura and CD&C on previous Louisiana projects.

Newell Schindler will serve as M&M's Project Manager (PM). Newell has over 43 years of experience in the management and design of infrastructure projects, 13 years of experience in the Road Design Section of LADOTD, and 30 years of experience as a Consulting Engineer which has included Project Management and design of a multitude of transportation improvement projects. He has extensive knowledge of current LADOTD and the American Association of State Highway & Transportation Officials' (AASHTO) policies and design procedures. In addition, Mr. Schindler supervised the design of a multitude of road and bridge improvement projects, including complex urban interstate, urban arterial, rural arterial, and minor bridge replacement projects. Projects included coordination with Traffic Engineers and the evaluation of traffic analyses to develop capacity and safety roadway improvements, including intersections and interchanges. He completed the course "National Environmental Policy Act (NEPA) and Transportation Decision Making," and also completed LADOTD's TEPR Training.

Task Order Initiation

Upon notification from LADOTD, M&Ms PM will develop a detailed Scope of Services based on communications with LADOTD's Project Manager. Subsequently, M&M will develop a proposed man-hour estimate along with a proposed schedule, after receipt of approval of the Scope of Services from LADOTD. M&M will determine the Level of TMP required during the Scoping Phase.

Preliminary Plan Development

All roadway engineering design services performed by the M&M Team will adhere to the requirements of the most recent editions of LADOTD's Roadway Design Procedure and Details Manual, LADOTD's Minimum Design Guidelines, LADOTD's Engineering Directives and Standards Manual (EDSMs), AASHTO's Policy on Geometric Design of Highways and Streets, AASHTO's Roadside Design Guide, AASHTO's Guide for the Planning, Design and Operation of Pedestrian Facilities, AASHTO's Guide for the Development of Bicycle Facilities and FHWA's MUTCD.

Plan preparation will conform to LADOTD's drafting and software standards. Bentley Inroads or OpenRoads and MicroStation software will be used for roadway design. M&M's Highway Design Staff are proficient in both InRoads and OpenRoads. ProjectWise will be used as the document management software for plan development to ensure integration with LADOTD and foster collaboration between different disciplines.

M&M will perform drainage design in accordance with the requirements of LADOTD's Hydraulics Manual. LADOTD's HydroWIN software will be utilized for all Hydrologic & Hydraulic (H&H) calculations, which includes the following if required:

- HYDR1110 Normal Water Surface Profile
- HYDR1121 Culvert Analysis Program
- HYDR1130 Peak Runoff Program
- HYDR1140 Open channel Design Program
- HYDR6000 Inlet Spacing and Selection Program
- HYDR6020 Storm Sewer Design Program

M&M also has experience with the USACE's Hydraulic Engineering Center – River Analysis System, HEC-RAS and FHWA's Hydrain WSPRO computer model for Water Surface Profile Computations.

Quality Assurance/Quality Control (QA/QC)

We will provide our QA/QC to LADOTD's PM within 10 business days of award notification. M&M's QA/QC plans relate to both the technical and administrative aspects of the full engineering service life cycle of a project, including proposal preparation, staffing, design activities, field activities, internal and external communication, project review, field operations, including inspection and construction observation, and document storage. Checklists and forms will be developed to monitor special needs of LADOTD and/or a specific engineering activity. QC/QA reviews will be performed prior to the submittal of all milestone deliverables. All deliverables will conform to the requirements of Figure 1-02 (Stage 3 Plan Review Distribution) of LADOTD's Roadway Design Procedure and Details Manual.

Kick-off Meeting

After Task Order execution and receipt of Notice-to-Proceed M&M will immediately begin preparing for and scheduling the project Kick-off Meeting in coordination with LADOTD's PM. Members of M&M's Team will participate in this meeting, along with LADOTD's relevant Headquarters and District personnel. M&M shall prepare the meeting agenda and topics of discussion which will include project scope and understanding, proposed schedule, design criteria, communication protocol, pre-design report, existing available project information. M&M will provide meeting minutes to all meeting attendees.

Topographic Survey

M&M's DBE subconsultant, CD&C, will be responsible for obtaining any required topographic surveys. CD&C will ensure that the topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LADOTD.

Preliminary Plans Deliverables

Preliminary plans shall consist of 30%, 60%, 95% and 100% deliverables with a Plan-in-hand (PIH) meeting to be held after the 95% submittal. M&M's deliverables will address all previous comments received from LADOTD and include a spreadsheet documenting how each comment was addressed. All of MM's plans will adhere to LADOTD's electronic deliverable standards, including using CADConform for drafting efficiency and standards compliance as well as ProjectWise for collaboration and submittal delivery.

30% Preliminary Plans

The 30% deliverable shall consist of the Title Sheet, Typical Section Sheets and Plan/Profile Sheets with existing Topo.

60% Preliminary Plans

The 60% deliverable will include updated Title Sheet, Typical Section Sheets, Plan/Profile Sheets, along with Drainage Plan/Profile (if required), Existing & Design Drainage Maps, Geometric Details and Cross Sections. The Preliminary Hydraulic Report will also be delivered at this time.

95% Preliminary Plans and PIH

The 95% deliverable will include updated sheets included in the previous submittal and will also include Suggested Sequence of Construction, Temporary Erosion Control, Summary of Estimated Quantities and a Construction Cost Estimate.

100% Preliminary Plans

The 100% deliverable will address all PIH comments and include any proposed Design Waiver/ Exception requests.

Transportation Management Plans (TMP)

M&M's team can prepare the required TMP during the Design Development Phase, for each individual Task Order. The Level of TMP required and deliverable milestones will vary depending on the scope of each project.

Environmental Support

The M&M Team will perform road design services to support the Environmental Process as required. M&M will prepare drawings and details which illustrate the proposed work to obtain required permits. M&M will attend and prepare exhibits and technical presentation for all public meetings and hearings necessary to obtain the environmental clearance. As an example of M&M's rendering capabilities, shown below are a couple of renderings M&M developed for proposed roadway improvement projects in St. Tammany Parish, LA.

Final Plan Development

Once Environmental Clearance is received and LADOTD issues a NTP, M&M's Team will proceed with Final Plan Development. Final Plans will consist of 60%, 95%, 98% and 100% deliverables. M&M's deliverables will address all previous comments received from LADOTD and include a spreadsheet documenting how each comment was addressed.

60% Final Plans

The 60% deliverable will consist of a full-set of plan sheets, including Summary Tables, Signing & Striping Sheets, and Signalization plan sheets (if Required), along with the Final Hydraulic Report. The M&M Team will participate in a joint plan review meeting if required.

95% Final Plans

The 95% deliverable will consist of a full-set of plan sheets, along with the Final Design Report, Constructability Forms and QA/QC Documentation.

98% & 100% Final Plans

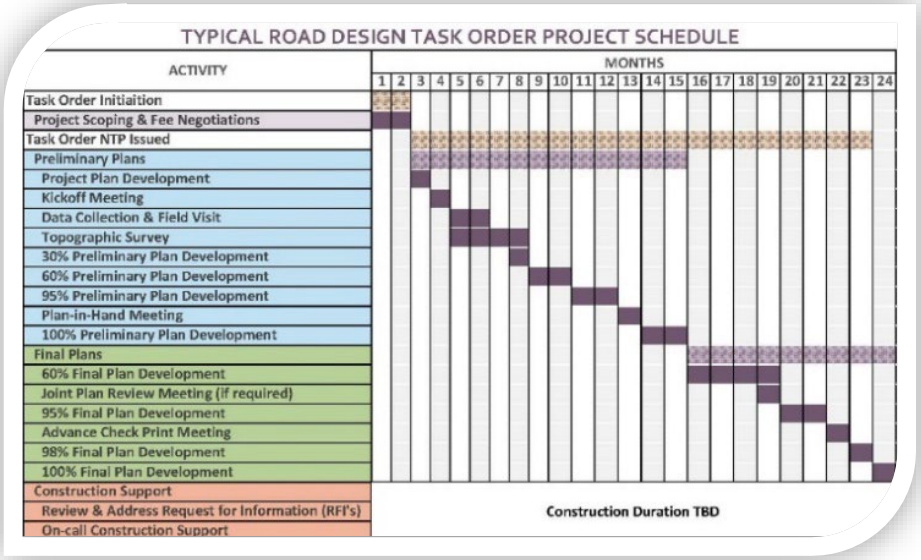
The 98% deliverable will consist of a full-set of plan sheets along with any required special provisions and the Engineer's final Cost Estimate. Plans will be reviewed by LADOTD's Plan Quality unit and Contracts and Specifications Section. Upon receipt of approval from LADOTD' PM, M&M shall submit Final Plans signed and sealed by the Engineers of Record.

Construction Support

M&M will provide construction support as required which shall include reviewing and responding to all RFI's within 48 hours and aid with informational meetings between LADOTD & the contractor within 24 hr. notice.

Proposed Project Schedule

M&M's Proposed Project Schedule for a typical project is provided below. Actual project durations will vary depending on the magnitude and complexity of each individual Task Order.



19. Workload:

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

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

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.
List only the portion of the fees attributable to firms on the team.

Firm(s) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
M&M	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	$261,834
		Retainer Contract 4400005395	**Construction Engineering and Inspection with Painting Statewide**	
M&M	Other (Roadway Lighting)	H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	$7,429
		IDIQ Contract 4400017263	**Bridge Preservation Statewide**	
M&M	Other (Roadway Lighting)	H.003184.6	I-10: Texas State Line - E. of Coone Gully - CRES	$37,494
M&M	Bridge	H.014280.5	Bayou Ramos Bridge Girder Study	$43,270
M&M	Bridge	H.014587	LA 302: Kerner Ferry Bridge Repairs PH 2 - Constr Support	$62,874
M&M	Bridge	H.014465.5	Perry Bridge Rehabilitation - Final Design (Supplement 2)	N/A
M&M	Bridge	H.004647.6 (T.O. 1)	I-20 MS River Bridge at Vicksburg, - Monitoring	$16,751
M&M	Bridge	H.015028.6	Bayou Barataria Bridge MB Replacement - Phase I	$109,501
M&M	Bridge	H.001234.6	LA 1 Port Allen Bridge - Geotech Settlement Remediation	$48,337
M&M	Bridge	H.010882.6	LA18: 4th Street Bridge Rehabilitation Construction Support	$23,710
M&M	Bridge	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Ph2	$19,404
M&M	Other (Roadway Lighting)	H.012889.6	I-20 Rehab (Pines Road to I-220) Bossier City Lighting CRES	$117,640

M&M	Bridge	H.015612.6	Ted Hickey Strengthening - Construction Support	$24,919
M&M	Bridge	Contract 44-29193 H.004100.5/H.004100.6	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 Segment 1 Task 2	$1,053,294
M&M	Bridge	Contract 44-21128 H.001234.6	Subconsultant: LA 1: Port Allen Canal Bridge Replacement - Phase 1 CRES	$34,808
M&M		**IDIQ Contract 4400020063**	**Electrical Services Statewide**	
M&M	Other (Roadway Lighting)	H.014646	I-20: US 165 to Garrett Road Lighting	$33,174
M&M	Other (Roadway Lighting)	H.014555.5	I-10 at LA109 Interchange Lighting (Toomey)	$99,016
M&M	Other (Roadway Lighting)	H.015019.5	I-10 at LA3063 Interchange Lighting (Vinton)	$125,135
M&M	Other (Roadway Lighting)	H.015085.5	I-10 @ LA108 Interchange (Vinton) Lighting	$120,240
M&M	Bridge	Contract 44-20156 H.011965.6	Subconsultant: LA 47 IWGO Bridge Rehab CRES	$103,780
		IDIQ Contract 4400024187	**Bridge Preservation Statewide**	
M&M	CE&I/OV	H.003144.6	MRB (Luling) CEI of Latent Defects	$3,699
M&M	Bridge	H.015115.5	LA 24 over ICWW Repair	$47,221
M&M	Bridge	H.011137.6	I-12: LA 1077 to LA 21	$108,751
M&M	Other (Roadway Lighting)	H.015504.6	CCC Decorative Lighting	$28,827
M&M	Bridge	H.002980.6 -Task Order 9	I-10 Overpass Over US 165 & MP RR	$60,775
M&M	Bridge	H.014998.6 -Task Order 10	West Larose Lift Bridge Rehabilitation - Final Design	$240,509
M&M	Bridge	H.014998.6 -Task Order 11	West Larose Lift Bridge Rehabilitation - CRES Close Out	$82,245
M&M	Bridge	H.015826.5	I-20 Vicksburg Span Jacking	$34,844
M&M	Bridge	H.001271.5	Cane River Bridge Navigation Lights	$201,232
M&M	Bridge	H.014609.1	Cameron Ferry Landing Replacement	$238,269
M&M	Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road	$2,979
M&M	Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road (Supplement 5)	$290
		IDIQ Contract 4400021593	**Bridge Load Rating Services Statewide**	
M&M	Bridge	H.009859.5	Bridge Load Rating (Task Order 1)	$797,924

M&M	Bridge	H.009481 and H.013116	Subconsultant: Acrow LA 20 - Inspection	$26,430
M&M	Bridge	Contract 44-22581 H.011221.5	I-10: N.O. CBD3 (Poydras - Louisa)	$142,668
M&M	Bridge	Contract 44-22581 H.011222.5	I-10: N.O. CBD4 (Louisa - I510)	$412,344
M&M	Bridge	Contract 44-23512; Task Order No. 1	Subconsultant: I-10 Calcasieu Bridge Inspection 2023	$15,995
M&M	Bridge	Contract 44-23512; Task Order No. 2	Subconsultant: I-10 Bridge crossing the MS River - Inspection 2024	$19,445
M&M		Contract 44-23512; Task Order No. 3	Subconsultant: GNO 1 & 2 MRB- Inspection 2024	$48,428
		IDIQ Contract 4400027614	**Painting Inspection and Environmental Monitoring**	
M&M	CE&I/OV	H.011487.6	LA 182: Berwick Bay Bridge Rehabilitation	$2,206,745
Vectura Consulting	Traffic	4400017293	I-20: LA 544 Overpass Replacement	74,429
Vectura Consulting	Traffic	4400005484	New Orleans Rail Gateway Avondale EA	59,571
Vectura Consulting	CE&I/OV	4400020018	EBR Computerized Traffic Signal, Ph VB	66,032
Vectura Consulting	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	11,202
Vectura Consulting	Traffic	4400021519	KCS RR Overpasses HBI	572
Vectura Consulting	Traffic	4400023075	S. Lewis Street Widening	7,499
Vectura Consulting	ITS	4400017922	C/AV Team and Working Group Support	6,820
Vectura Consulting	Traffic	4400025299	LA 47 Hayne Blvd Safety Improvements	17,303
Vectura Consulting	Traffic	4400018271	LA 383 Stage 0 Corridor Study	20,146
Vectura Consulting	ITS	4400016364	Houma Regional ITS Architecture Update	10,746
Vectura Consulting	Traffic	4400025299	Dist. 02H Flashing Yellow Arrow Part 2	265,766
Vectura Consulting	Traffic	4400026913	East Street & Parkview Drive Sidewalks	48,068
Civil Design & Construction, Inc.	Survey	4400027093/H.015949	LA 335	20,018
Civil Design & Construction, Inc.	Survey	4400023689/H.013622.5	LSRP Ardenwood Dr	73,100
Civil Design & Construction, Inc.	Survey	4400027093/H.015847.5	US90: LA668 - LA318	147,956
Civil Design & Construction, Inc.	Survey	4400027093/H.014824.5	US90: 1.6MI S LA317 - 1.2 MI N Wax Lake B	130,255

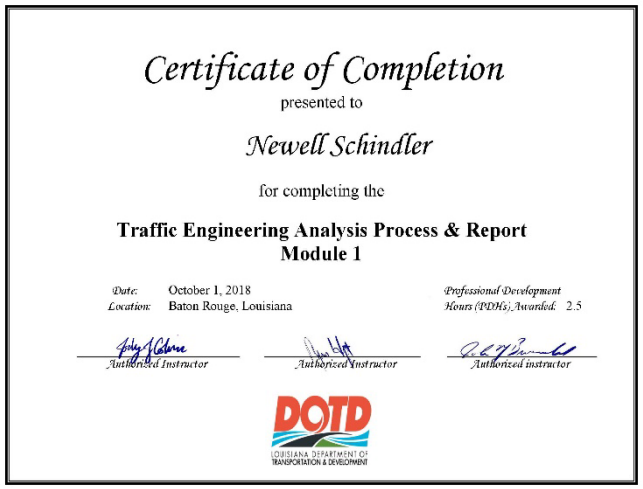
(Add rows as needed) DO NOT SUM

*** 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.** If a firm has more than one discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: **ALL** FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

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

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



Certificate of Completion

presented to

Newell Schindler

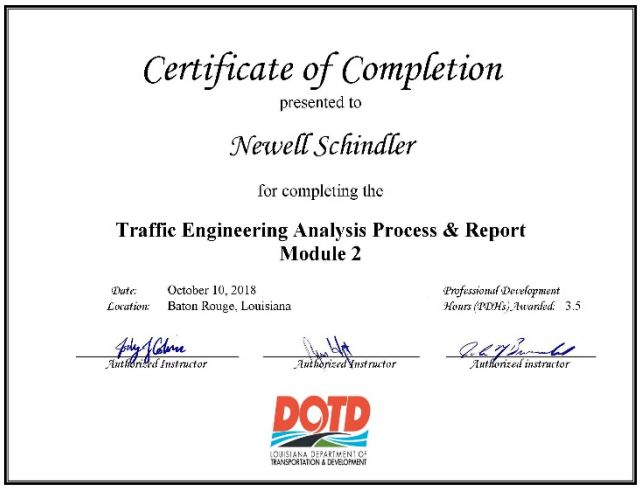
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 1, 2018 *Professional Development Hours (PDHs) Awarded:* 2.5
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Newell Schindler

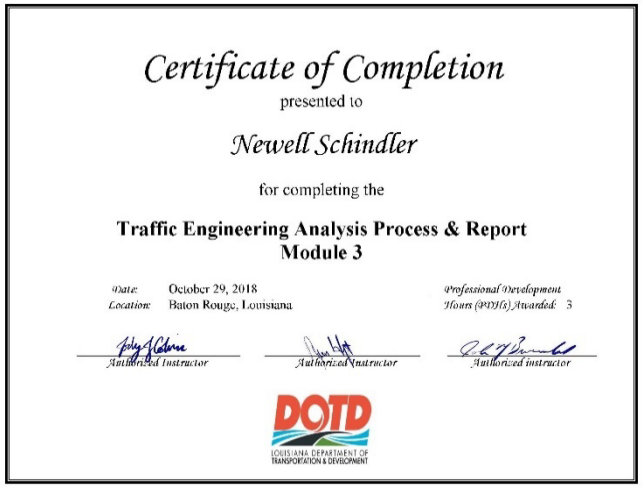
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: October 10, 2018 *Professional Development Hours (PDHs) Awarded:* 3.5
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Newell Schindler

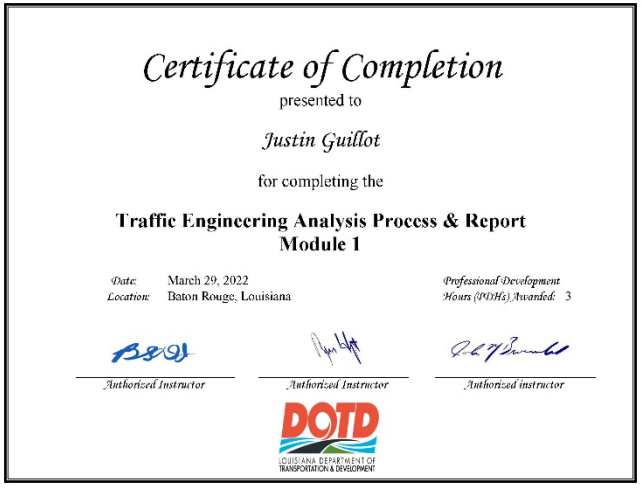
for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Justin Guillot

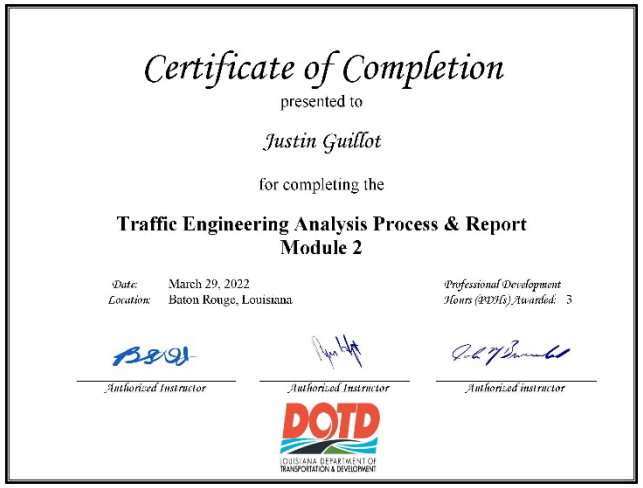
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: March 29, 2022 *Professional Development Hours (PDHs) Awarded:* 3
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Justin Guillot

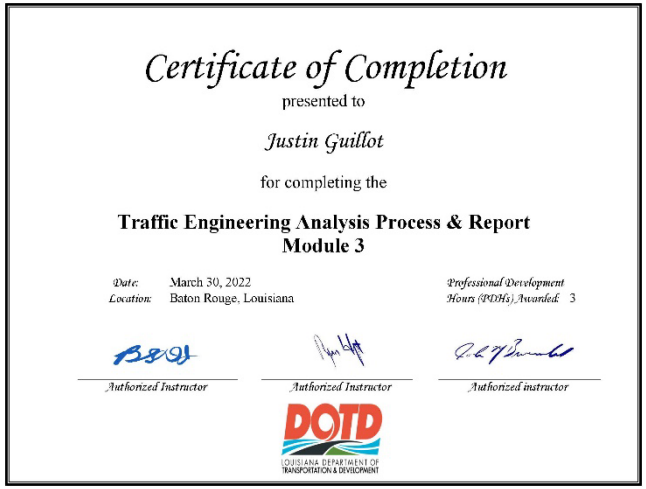
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: March 29, 2022 *Professional Development Hours (PDHs) Awarded:* 3
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Justin Guillot

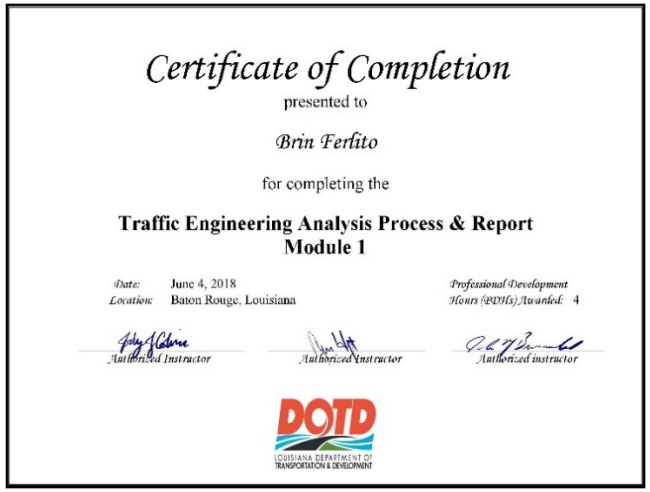
for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: March 30, 2022 *Professional Development Hours (PDHs) Awarded:* 3
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

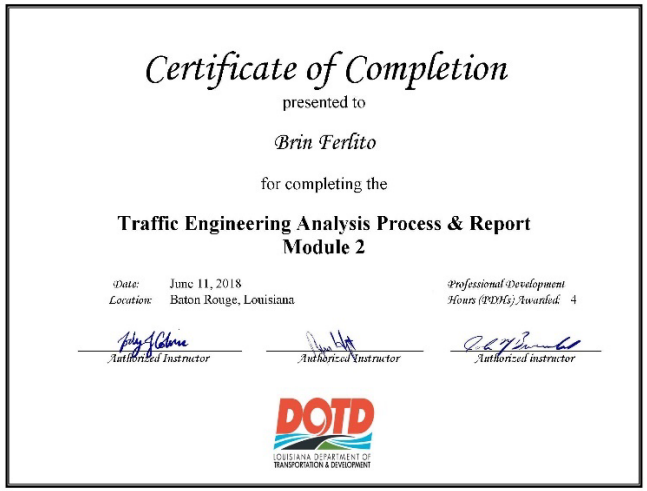
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018 *Professional Development Hours (PDHs) Awarded:* 4
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

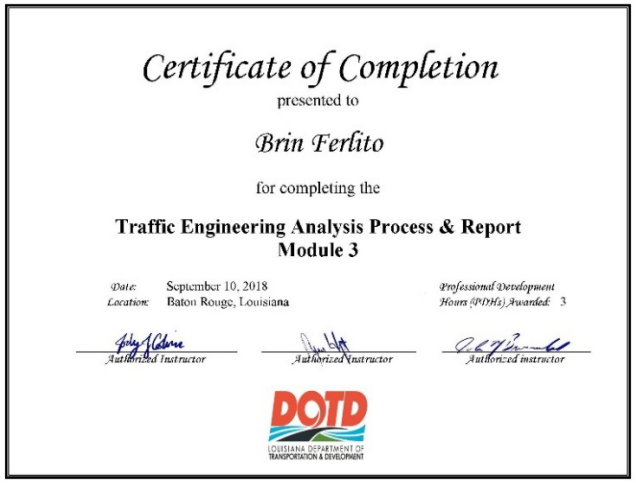
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018 *Professional Development Hours (PDHs) Awarded:* 4
Location: Baton Rouge, Louisiana

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

for completing the

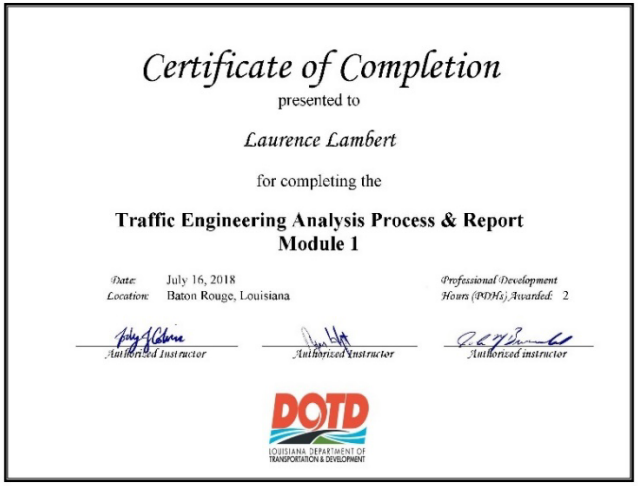
Traffic Engineering Analysis Process & Report
Module 3

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



Certificate of Completion

presented to

Laurence Lambert

for completing the

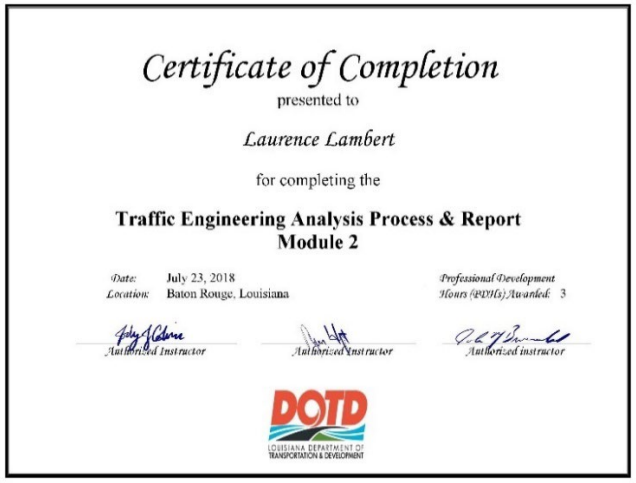
Traffic Engineering Analysis Process & Report
Module 1

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

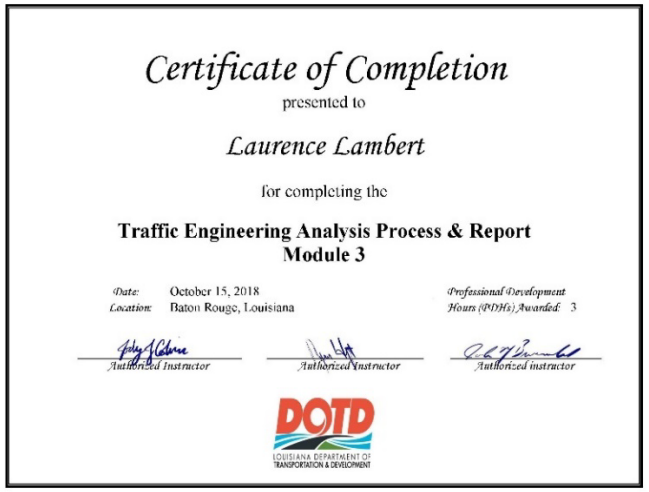
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
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

Certificate of Completion

presented to

Reece Rodrigue

for completing the

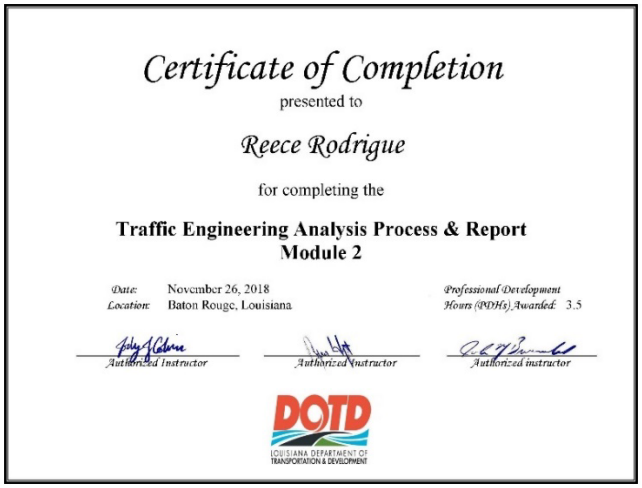
Traffic Engineering Analysis Process & Report
Module 1

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

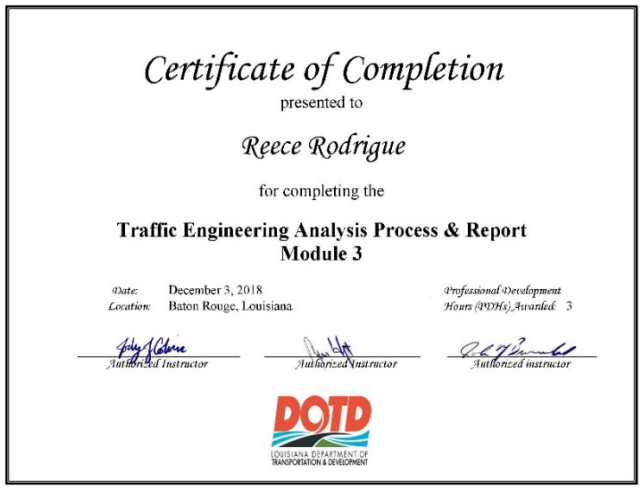
Traffic Engineering Analysis Process & Report
Module 2

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

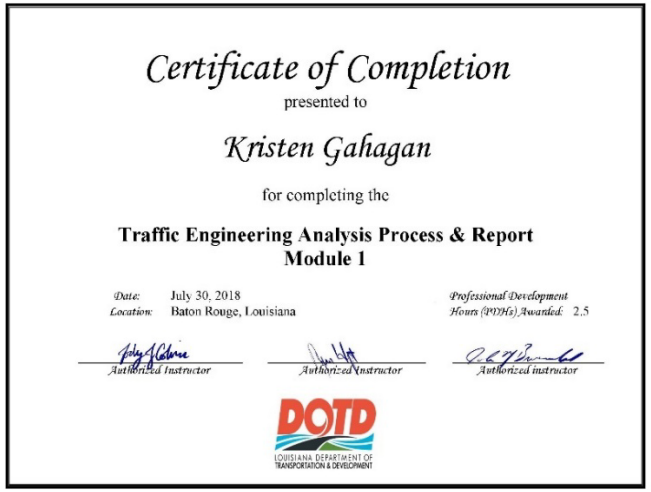
Traffic Engineering Analysis Process & Report
Module 3

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



Certificate of Completion

presented to

Kristen Gahagan

for completing the

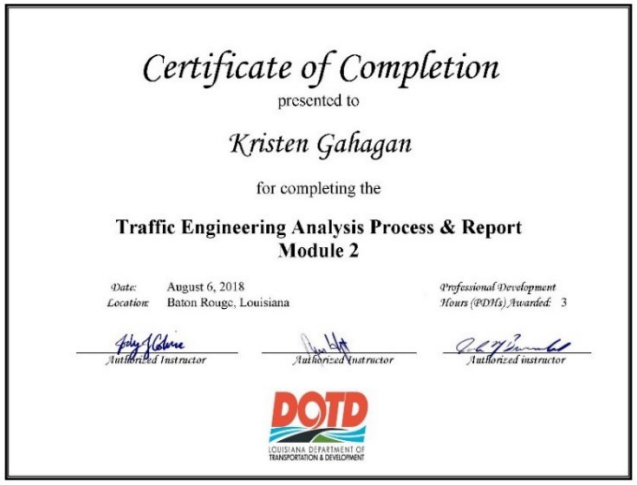
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Kristen Gahagan

for completing the

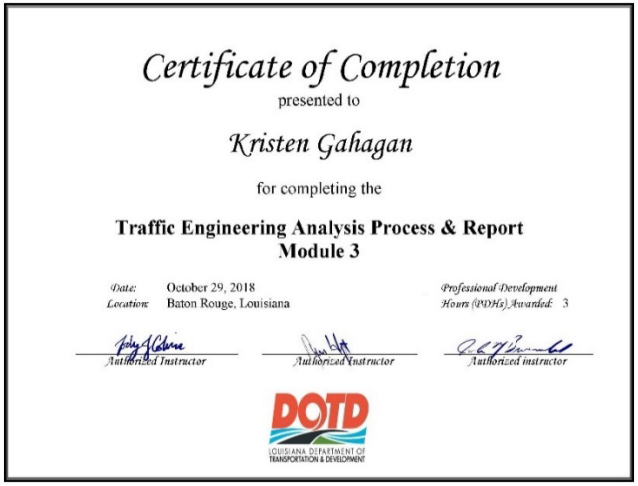
Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Kristen Gahagan

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

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
MODJESKI AND MASTERS, INC.	Business Corporation (Non-Louisiana)	MECHANICSBURG	Active

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

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

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

21. <u>QA/QC Plan:</u>

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

22. Sub-consultant information:

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

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	**Address**	**Point of Contact and email address**	**Phone Number**
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	225-223-6685
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	225-765-1802

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) 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 Evaluation Criteria section of the advertisement**.