



IDIQ CONTRACT FOR DESIGN OF TRANSPORTATION ALTERNATIVES PROGRAM PROJECTS

Contract No. 4400027180, 4400027181, 4400027182, AND 4400027183

Statewide

August 9, 2023

SECTION 01-16




Assumption Pedestrian Bridge over Bayou Lafourche
Napoleonville, LA
Engineer of Record: Dennis M. Hymel, Jr., P.E.

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1. Contract title as shown in the advertisement	IDIQ CONTRACT FOR DESIGN OF TRANSPORTATION ALTERNATIVES PROGRAM PROJECTS
2. Contract number(s) as shown in the advertisement	4400027180, 4400027181, 4400027182, AND 4400027183
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Crescent Engineering & Mapping, LLC 
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering: EF-0007140 Surveying: VF-0000871
6. Prime consultant mailing address	PO Box 370, Vacherie, LA 70090
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1815 LA 18, Vacherie, LA 70090
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Dennis M. Hymel, Jr., PE, President/Manager 225.329.1742 Dennis.Hymel@crescentengla.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Dennis M. Hymel, Jr., PE, President/Manager 225.329.1742 Dennis.Hymel@crescentengla.com

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



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

August 9, 2023

Date:

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

<u>Firm(s):</u>	<u>Firm(s)' %:</u>
Vectura Consulting Services, LLC	5%
Marrero, Couvillon & Associates, LLC	1%

12. Past Performance Evaluation Discipline Table:

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

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






Past Performance Evaluation Discipline(s)	% of Overall Contract	Crescent	ELOS	Vectura	Carbo	MCA	Each Discipline must total 100%
Road	68%	100%					100%
Survey	15%	100%					100%
Environmental	5%		100%				100%
Planning	5%	90%		10%			100%
Traffic	5%			100%			100%
Other (L.A., Lighting)	2%				50%	50%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
	100%	88%	5%	5%	1%	1%	100%

13. Firm Size:

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

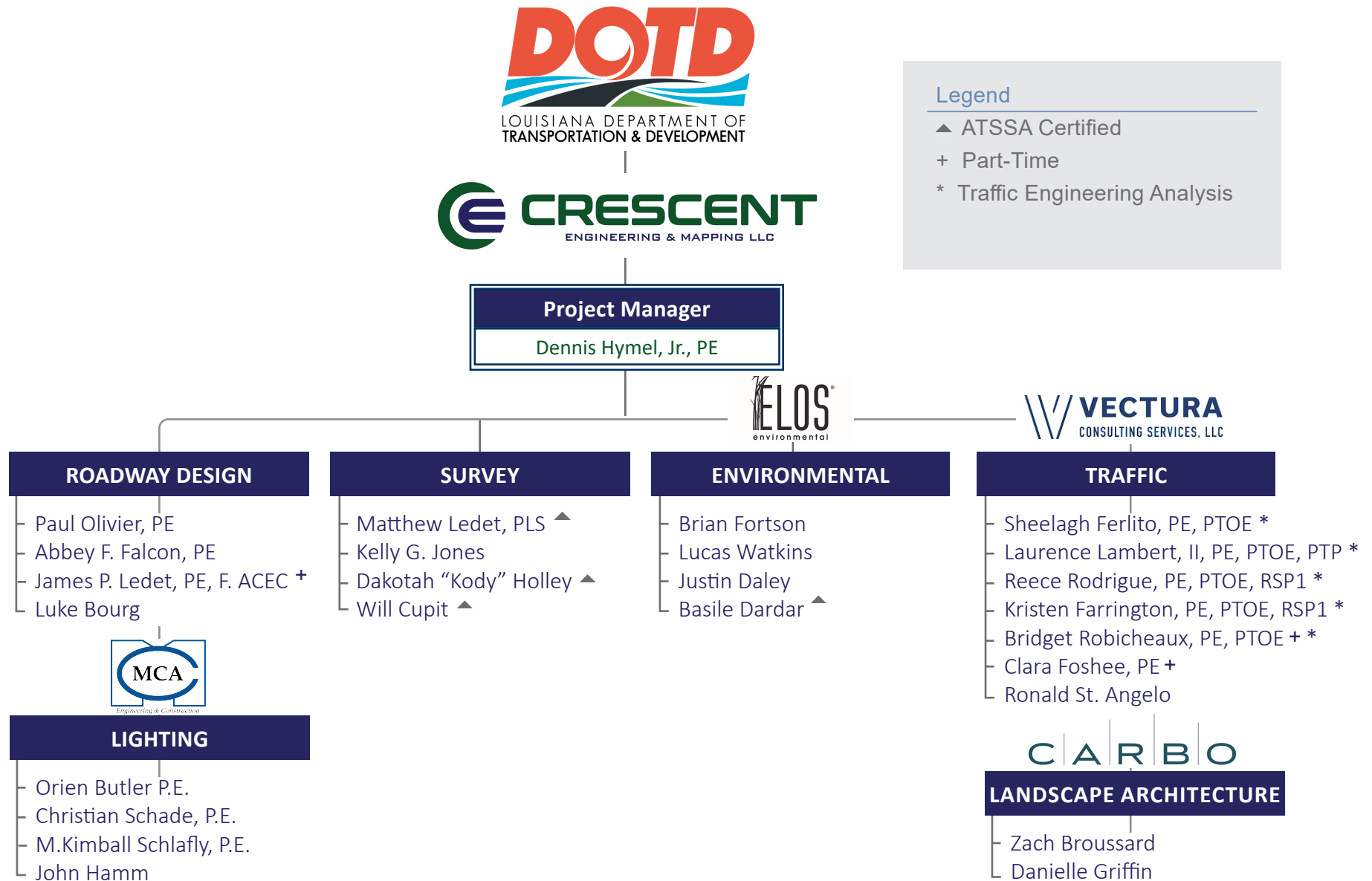
The DOTD Job Classification(s) to be used can be found at the following link:

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)
	Supervisor Engineer	1	2
	Engineer	1	2
	Sr. Technician	1	2
	Technician	1	2
	Surveyor	1	1
	Party Chief	1	1
	Biologist/Wetlands	1	10
	Environmental Professional	1	11
	Archaeologist	1	3
	Supervisor Engineer	1	2
	Engineer	1	4
	Engineer Intern	1	1
	Landscape Architect	1	4
	Supervisor Engineer	1	1
	Engineer	1	4
	CADD Technician	1	1


14. Organizational Chart:

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.



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Dennis Hymel Jr., PE		LA PE# 38172 - Civil	LA	09/30/2023
2	Dennis Hymel Jr., PE		LA PE# 38172 - Civil	LA	09/30/2023
3	Dennis Hymel Jr., PE		LA PE# 38172 - Civil	LA	09/30/2023
	Paul Olivier, PE		LA PE# 39967 - Civil	LA	03/31/2024

16. Staff Experience:

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



Dennis M. Hymel, Jr., PE
Supervising Engineer/Manager



Years of relevant experience with this employer	2
Years of relevant experience with other employer(s)	17

Degree(s) / Years / Specialization	Bachelor of Science/2009/Civil Engineering		
Active registration number / state / expiration date	38172 / LA / 09/30/2023		
Year registered	2013	Discipline	P.E./Civil Engineering
Contract role(s) / brief description of responsibilities	Project Manager. Dennis will oversee all project elements, coordinate subconsultants, and perform Quality Assurance. His experience meets MPR #1-3 .		

CERTIFICATIONS

- ✓ LTAP LPA Core Certification (LADOTD)
- ✓ LTAP LPA CE&I Certification (LADOTD)



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).
04/23 - Ongoing	Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Project Manager. Responsible for management of entire “ rails to trails ” conversion project of the abandoned Illinois Central Gulf corridor and QA review of surveys and design including 12’-16’ wide bicycle/pedestrian shared use path, H&V geometries, roadside drainage, three (3) pedestrian and vehicular bridge design (concrete and steel truss), hydraulic analysis, utility coordination, geotechnical, environmental permit drawings for the 2.4 mile path segment near Slidell, LA.
12/22 - Ongoing	SP H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD) – Project Manager/Engineer of Record. Performed review of topographic surveys, QA and oversight of roadway, pedestrian and bicycle lane design , H&V geometrics, EOR for bridge design elements including special span/bents, cantilevered sidewalks on bridge with bike lanes, railing design, LRFR, environmental assistance, and subconsultant coordination for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.
05/22 - Ongoing	EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) - Project Manager/Engineer of Record. Performed review of topographic surveys, QA and oversight of roadway and bicycle lane design , H&V geometrics, hydraulics, EOR for bridge design elements including special span/bents, LRFR, bridge rehabilitation design, environmental assistance, and subconsultant coordination for the replacement of the existing 4-span vehicular near Covington, LA.
02/22 – 08/23	22-01/23-01, St. James Parish FY22/23 Roadway Program, St. James Parish, LA (St. James Parish) – Project Manager/Engineer of Record. Responsible for entire project, review topo surveys, prepare plans and specifications for nearly 10 miles of roadway program involving curb/gutter, drives, parking, pedestrian and ADA compliant accommodations, public outreach, construction support, subconsultant coordination and contract management.
02/15 – 10/16 (previous employer)	Bayou Lafourche Pedestrian Bridge – Assumption High School, Assumption Parish, LA (Bayou Lafourche Freshwater District/CIAP) – Project Manager/Engineer of Record. Responsible for design of 210’ long pedestrian bridge using steel truss segments, bent and approach slab design, pedestrian/bicycle shared use path, ADA compliant pedestrian accommodations , plan preparation, construction support and shop drawing review.

16. Staff Experience:

<p>09/16 – 08/21 (previous employer)</p>	<p>SP No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Project Manager/Engineer of Record. Responsible for all roadway design including H&V geometrics and drainage, prepared Level 4 TMP and construction phasing plans. Designed single slope TL-4 median barriers on concrete footings, special median barrier transitions for lighting, overhead signs and ITS/DMS, prepared ERDD document and EOR for all permanent interstate signing; Quality Control & bridge design engineer for the widening of Pontchatolawa Creek and Tammany Trace bridges including AASHTO Type III prestressed girders with varying skewed, bobtail spans and LRFR. Performed Construction Support Services. Design completed under an accelerated project schedule.</p>
<p>06/15 – 08/16 (previous employer)</p>	<p>W. 15th St. Bridge/Mile Branch Creek, St. Tammany Parish, LA (City of Covington) – Project Manager/QA. Oversaw roadway and bridge design including drainage, H&V geometry, special bent/spans, design of integrated 8' wide shared use path on structure, special bridge rails and LRFR for 5-span bridge replacement over Mile Branch in Covington, LA.</p>
<p>03/22 - Ongoing</p>	<p>SP H.015333, H.015404, H.015407 – Tangipahoa IJIA Bridge Replacements, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Project Manager/EOR. Review of topographic surveys, hydraulic analysis, EOR for roadway and bridge design elements including H&V geometry, roadside drainage, QA of plan production for the replacement of 5 bridge sites Parish-wide in Tangipahoa as part of the Bi-partisan Infrastructure Law (IJIA) OSBR program.</p>
<p>03/14 – 08/21 (previous employer)</p>	<p>SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Manager/ Engineer of Record. Lead design engineer responsible for roadway design including hydraulics, roadway H&V geometrics, superelevation, intersection design, R-CUT intersections, prepared Level 3 Traffic Management Plans and oversaw roadway plan production for 5.5-mile, four-lane rural roadway from LA 435 to Bush.</p>
<p>04/22 - Ongoing</p>	<p>LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish) – Project Manager/EOR. Responsible for entire project including QC of topographic surveys, oversight of traffic analysis, drainage and hydraulic design, H&V geometry, signalized intersection layout, multi-lane roundabout layout with pedestrian accommodations, 3.5 miles.</p>
<p>09/18 – 08/21 (previous employer)</p>	<p>SP No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Quality Control Manager. QC/QA of roadway design elements including horizontal and vertical geometry, intersection design, oversight of roadway plan production for one mile of 5 lane urban roadway reconstruction. Responsible for bridge design report, design and QC of bridge plan development for a horizontally curved, superelevated, 1400-foot-long bridge over the Bouge Falaya River using LG 36 and LG 54 prestressed concrete girders, 30' rectangular column bents, low water pier foundations. Coordinated utility conflicts and relocations, prepared cost estimates.</p>
<p>03/16 – 02/19 (previous employer)</p>	<p>SP H.011670, I-10/Loyola Interchange Improvements, Jefferson Parish, LA (LADOTD) – Project Manager/Lead Engineer. Lead design team for Line and Grade studies and the Environmental Assessment (EA), assisted in preparation of the EA document, critical geometry, interchange modification and alternative screening, lead engineer for the design of a four-level stacked, directional interchange (\$150 MM) including roadway and bridge, curved steel plate and prestressed concrete girder bridges, urban roadway with pedestrian accommodations, utility conflict assessments, cost estimates, public meetings and quality control for a diverging diamond interchange (DDI) for the new interchange on I-10 at Loyola Dr. for the new airport terminal at Louis Armstrong Int'l Airport (MSY).</p>

16. Staff Experience:

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


 <p>Paul I. Olivier, PE Engineering Manager</p>		Years of relevant experience with this employer	<1
		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		Bachelor of Science/2010/Civil Engineering	
Active registration number / state / expiration date		39967 / LA / 03/31/2024	
Year registered	2015	Discipline	P.E./Civil Engineering
Contract role(s) / brief description of responsibilities		Lead Road Design Engineer. Paul will be responsible for all project design elements and will oversee plan production. His experience meets MPR #3 .	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/23 - Ongoing	<p>Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Lead Engineer. Lead design for the “rails to trails” conversion project of the abandoned Illinois Central Gulf corridor and QC review of surveys, lead design of 12’-16’ wide bicycle/pedestrian shared use path, H&V geometries, roadside drainage, three (3) pedestrian and vehicular bridge design (concrete and steel truss), hydraulic analysis, utility coordination, geotechnical, environmental permit drawings for the 2.4 mile path segment near Slidell, LA.</p>		
02/23 - Ongoing	<p>SP H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD) – Lead Engineer. Lead designer of roadway, pedestrian and bicycle lane design, H&V geometrics, QA review of bridge design elements including special span/bents, cantilevered sidewalks on bridge with bike lanes, railing design, LRFR, environmental assistance for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.</p>		
06/22 – 01/23 (previous employer)	<p>H.015339, IJJA Off-System Bridge Program, LADOTD District 08 (LADOTD) - Project Manager. Responsible for LPA outreach and coordination, site screening and selection portion of 74 Off-System bridge replacements within District 08. Lead meetings and coordination effort with all seven (7) parishes within the district, resulting in the selection of 14 Off-System Bridges within all parishes of District 08. Conducted site visits to all 74 bridges and compiled the screening matrix for all sites based on program criteria including parish preference, constructability, environmental impacts, right-of-way impacts, utility impacts and construction cost.</p>		
09/18 – 03/22 (previous employer)	<p>SP H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Project Manager/Engineer of Record. Lead engineer for the 1 mile urban widening of US 190 including storm drainage design, roadway geometrics, H&V alignments, superelevation, cross sectional elements, striping and signing, raised median sections, plan production, Level 4 TMP and temporary traffic control/signalization for the 5-lane section in Covington, LA.</p>		
02/23 - Ongoing	<p>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) – Lead Engineer. Lead engineer responsible for roadway and bicycle lane design, H&V geometrics, hydraulics, QA for bridge design elements including special span/bents, LRFR, bridge rehabilitation design, environmental assistance, and subconsultant coordination for the replacement of the existing 4-span vehicular near Covington, LA.</p>		

16. Staff Experience:

<p>02/15 – 10/16 (previous employer)</p>	<p>Bayou Lafourche Pedestrian Bridge – Assumption High School, Assumption Parish, LA (Bayou Lafourche Freshwater District/CIAP) – Project Engineer. Assisted with the design of 210’ long pedestrian bridge using steel truss segments, bent and approach slab design, designed pedestrian/bicycle shared use path, ADA compliant pedestrian accommodations, plan preparation, construction support and shop drawing review.</p>
<p>06/15 – 08/16 (previous employer)</p>	<p>W. 15th St. Bridge/Mile Branch Creek, St. Tammany Parish, LA (City of Covington) – Engineer of Record. Responsible for all roadway and bridge design including drainage, H&V geometry, special bent/spans, design of integrated 8’ wide shared use path on structure, oversight of plan production for 5-span bridge replacement over Mile Branch in Covington, LA.</p>
<p>09/16 – 08/21 (previous employer)</p>	<p>SP No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Project Engineer/Lead Designer. Led roadway design including H&V geometrics and drainage, prepared Level 4 TMP and construction phasing plans. Oversaw Inroads modeling and roadway plan preparation, quantity calculations, for the 4-mile widening of I-12 near Covington, LA. Assisted with QC of bridge design elements and interface with roadway plans. Assisted with Construction Support Services. Design completed under an accelerated project schedule.</p>
<p>02/20 – 02/23 (previous employer)</p>	<p>SP No. H.012812, US 190 Roundabouts @ Northshore, Camp Villere, St. Tammany Parish, LA (LADOTD) – Project Manager. Oversaw design including H&V alignments, drainage design, pedestrian accommodations, striping & signing, sequence of construction, Inroad modeling and plan preparation for the design of a multi-lane roundabout at Northshore Dr. and a single lane roundabout at Camp Villere along US 190 near Slidell. Assisted with public meetings.</p>
<p>02/23 - Ongoing</p>	<p>SP Nos. H.015333, H.015404, H.015407 – Tangipahoa I/IJA Bridge Replacements, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Lead Engineer. Led design for roadway and bridge design elements including H&V geometry, roadside drainage, oversight of plan production for the replacement of 5 bridge sites Parish-wide in Tangipahoa as part of the Bi-partisan Infrastructure Law (I/IJA) OSBR program.</p>
<p>03/14 – 02/23 (previous employer)</p>	<p>SP No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Engineer/EOR. Led roadway design including hydraulics, drainage, roadway H&V geometrics, superelevation, intersection design, R-CUT intersections, roundabout layouts, assisted with Level 3 Traffic Management Plans and led oversight of roadway plan production for 5.5-mile, four-lane rural roadway from LA 435 to Bush.</p>
<p>03/16 – 02/19 (previous employer)</p>	<p>SP No. H.011670, I-10/Loyola Interchange Improvements, Jefferson Parish, LA (LADOTD) – Project Engineer. Assisted with the preparation of Line and Grade studies and the Environmental Assessment (EA), assisted in preparation of the EA document, prepared critical geometry, interchange modification and alternative screening, assisted with the design of a four-level stacked, directional interchange (\$150 MM) including roadway and bridge, urban roadway with pedestrian accommodations, cost estimates, public meetings and quality control for a diverging diamond interchange (DDI) for the new interchange on I-10 at Loyola Dr. for the new airport terminal at Louis Armstrong Int’l Airport (MSY).</p>
<p>08/17 – 02/23 (previous employer)</p>	<p>SP No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, St. James & Lafourche Parishes, LA (LADOTD) – Project Manager/Engineer of Record. Led roadway design for asymmetrical widening of LA 20 for 2.7 miles and the addition of 8’ shoulders. Developed H&V alignments, drainage design, utility coordination, Level 3 TMP, temporary traffic control plans, oversight of Inroads modeling and roadway/bridge plan production, coordination with adjacent state projects.</p>

16. Staff Experience:

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

 <p>Abbey F. Falcon, PE Roadway Project Engineer</p>		Years of relevant experience with this employer	1
		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		Bachelor of Science/2017/Civil Engineering	
Active registration number / state / expiration date		46035 / LA / 03/31/2024	
Year registered	2021	Discipline	P.E./Civil Engineering
Contract role(s) / brief description of responsibilities		Abbey will lead road design, drainage analysis, plan preparation and Inroads modeling.	
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).		
04/23 - Ongoing	<p>Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Project Engineer. Lead hydraulics analysis, drainage and plan preparation for “rails to trails” conversion project of the abandoned Illinois Central Gulf corridor including 12’-16’ wide bicycle/pedestrian shared use path, H&V geometrics, roadside drainage, three (3) pedestrian and vehicular bridge design (concrete and steel truss), hydraulic analysis for the 2.4 mile path segment near Slidell, LA.</p>		
12/22 - Ongoing	<p>SP H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD) – Project Engineer, Hydraulic EOR. Lead/EOR for hydraulics analysis, lead design of roadway, pedestrian and bicycle lane design, H&V geometrics, road and bridge plan production, performed Inroads modeling, assist with bridge design elements including special span/bents, cantilevered sidewalks on bridge with bike lanes, railing design for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.</p>		
07/22 - Ongoing	<p>SP H.015333, H.015404, H.015407 – Tangipahoa IJA Bridge Replacements, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Project Engineer. Performed QC reviews of topographic surveys, EOR for hydraulic analysis and roadside drainage, prepared design of roadway and bridge design elements including H&V geometry, roadside drainage, led plan production for the replacement of 5 bridge sites Parish-wide in Tangipahoa as part of the Bi-partisan Infrastructure Law (IJA) OSBR program.</p>		
07/22 - Ongoing	<p>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) - Project Engineer. Lead engineer for roadway and bicycle lane design, developed H&V geometrics, analyzed drainage, led roadway and bridge plan preparation, performed Inroads modeling for the replacement of the existing 4-span vehicular bridge near Covington, LA.</p>		
04/20 – 04/22 (previous employer)	<p>S.P. No. H.013953, McManus Road Bridge/Cypress Creek, Richland Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, prepared bridge TS&L, prepared roadway and bridge plans, design report forms, design criteria for the eight (8) span Off-System bridge replacement.</p>		
04/20 – 05/22 (previous employer)	<p>S.P. No. H.013955, LA 507, 514, Local: Bayou and Cr BRs, Red River Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, SOV’s developed roadway and bridge H&V alignments, drainage design, bridge TS&L, curved bridge sites, prepared roadway and bridge plans, design criteria for the replacement of five (5) LADOTD On-System bridges and one (1) Off-System Bridge.</p>		

16. Staff Experience:

04/20 – 04/22 <i>(previous employer)</i>	S.P. No. H.013987, LA 521: Bridges Near Dykesville, Claiborne Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, superelevation, drainage, bridge TS&L, prepared roadway and bridge plans, design report & criteria forms for the replacement of three (3) LADOTD On-System bridges.
06/18 – 04/21 <i>(previous employer)</i>	S.P. No. H.013080, McLemore Road/Bee Bayou, Richland Parish, LA (LADOTD) – Project Engineer. Assisted with roadway and bridge design including Inroads modeling, geometrics, bridge TS&L, hydraulics, foundation layout, and bridge plan production for the 6-span Off-System bridge replacement near Rayville, LA.
04/20 – 02/22 <i>(previous employer)</i>	S.P. No. H.013954, Pleasant Ridge/Rabbit Branch, LaSalle Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, prepared bridge TS&L, prepared roadway and bridge plans, design report forms, design criteria for the 3-span Off-System bridge replacement.
05/17 – 08/21 <i>(previous employer)</i>	S.P. No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Project Engineer. Assisted with all roadway design elements on the 4-mile Interstate widening project including geometrics, Level 4 TMP and drainage. Prepared quantities, Inroads roadway modeling, summary sheets, typical sections, detailing, Sequence of Construction sheets, prepared preliminary and final roadway plans. Accelerated project schedule.
04/18 – 10/21 <i>(previous employer)</i>	S.P. No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Project Engineer. Assisted with all roadway design elements on the 1-mile Urban, multi-lane roadway widening project including geometrics and drainage. Prepared quantities, performed Inroads roadway modeling, prepared summary sheets, typical sections, detailing, assisted with the preparation of preliminary and final roadway plans.
03/21 – 07/22 <i>(previous employer)</i>	S.P. No. H.014233, LA 160: Cypress Bayou and Relief Bridges, Bossier Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, prepared roadway and bridge plans up to 60% Final Plans, design criteria for the replacement of two (2) LADOTD On-System bridges.
05/17 – 08/21 <i>(previous employer)</i>	S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Engineer. Assisted with all roadway design elements on the 5.5 rural, 4-lane corridor project including geometrics and drainage design. Prepared quantities, performed Inroads roadway modeling, prepared summary sheets, typical sections, detailing, Sequence of Construction sheets, prepared preliminary and final roadway plans.
03/21 – 07/22 <i>(previous employer)</i>	S.P. No. H.014217, LA 537: Bridges Near Plain Dealing, Bossier Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour analysis, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, prepared roadway and bridge plans up to 60% Final Plans, design criteria for the replacement of three (3) LADOTD On-System bridges.
03/21 – 07/22 <i>(previous employer)</i>	S.P. No. H.014231, LA 153: Topy Creek Relief & Drain Bridges, Bienville Parish, LA (LADOTD) – Lead/Engineer of Record. Responsible for all roadway and bridge design, bridge hydraulics & scour, developed roadway and bridge H&V alignments, drainage design, bridge TS&L, prepared roadway and bridge plans up to 60% Prelim Plans for the replacement of four (4) LADOTD On-System bridges.
07/17 – 06/21 <i>(previous employer)</i>	S.P. No. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD) – Project Engineer. Assisted with H&V geometrics, roadway drainage design, roadway and bridge plan production, Inroads modeling, quantity calculations for the 2.7 mile rural safety widening project including split phased bridge construction of the RC slab span bridge over unnamed Bayou.

16. Staff Experience:

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



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



Years of relevant experience with this employer	1
Years of relevant experience with other employer(s)	44



Degree(s) / Years / Specialization	Bachelor of Science/1982/Civil Engineering		
Active registration number / state / expiration date	22428 / LA / 03/31/2024		
Year registered	1986	Discipline	P.E./Civil Engineering
Contract role(s) / brief description of responsibilities	Jimmy will serve as the Quality Control Manager.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/23 - Ongoing	Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Project Engineer. Lead hydraulics analysis, drainage and plan preparation for “rails to trails” conversion project of the abandoned Illinois Central Gulf corridor including 12’-16’ wide bicycle/pedestrian shared use path, H&V geometries, roadside drainage, three (3) pedestrian and vehicular bridge design (concrete and steel truss), hydraulic analysis for the 2.4 mile path segment near Slidell, LA.		
03/23 - Ongoing	SP H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD) – QA Engineer. Quality Control reviews of hydraulics analysis, roadway, pedestrian and bicycle lane design , storm drainage network modeling, road and bridge plan production, QC of bridge design elements including special span/bents, cantilevered sidewalks on bridge with bike lanes , railing design for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.		
07/22 – Ongoing	E. Lewiston Rd. Bridge over Wilson Branch, Tangipahoa Parish, LA (Tangipahoa Parish) – Quality Control Engineer – Responsible for performing QC reviews of roadway and bridge design, hydraulics analysis and report, roadway and bridge plan reviews for the replacement of a 3-span Off-System bridge near Kentwood, LA.		
05/15 – 08/17 <i>(previous employer)</i>	S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Senior Supervising Engineer. Supervision and oversight of roadway design including QC of hydraulic analysis, geometrics and supervision of plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.		
11/10 – 06/14 <i>(previous employer)</i>	S.P. No. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD) – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, utility relocations, bulkheads and drainage, and bridge design including special span lengths, curved spans, special bents and rail elements, oversight of construction support and shop drawing review for the 183’ long Off-System bridge replacement.		

16. Staff Experience:

11/13 – 11/18 <i>(previous employer)</i>	S.P. No. H.010557, Lajaunie Road/Lateral 1 Bridge over Bayou St. Clair, Lafayette Parish, LA (LADOTD) – Senior Professional/QA/QC. Supervision of topographic surveying and engineering design including roadway and bridge design for preliminary plans of the 80' RC Slab and quad-beam, superelevated, curved Off-System bridge structure including roadway upgrades to RL-3 criteria.
03/10 – 05/14 <i>(previous employer)</i>	SP 713-04-0002, LA 400 Bridge over Cancienne Canal, Assumption Parish, LA (LADOTD) – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, and bridge design, supervised roadway and bridge plan production including bridge details, roadway details for the 7-span off-system bridge replacement.
10/09 – 11/17 <i>(previous employer)</i>	07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish, LA (Terrebonne Parish Consolidated Government) – Engineer of Record (Ph. I)/Supervising Engineer (Ph. II). Responsible for topographic surveying, oversight of roadway design including drainage and geometrics, and oversight of 160' Off-System RC Slab Span bridge design including special/curved spans for 1.6-mile, four-lane roadway extension (UA-2) including signal upgrades and turn lanes on state routes.
1997-2011 <i>(previous employer)</i>	S.P. No. 713-55-0100, St. Ann Bridge Replacement, Terrebonne Parish, LA (LADOTD) – Engineer of Record. Responsible for topographic surveying and all roadway design aspects, bridge design and approaches for the Off-System moveable bridge replacement with a single-leaf, bascule span bridge.
02/05 – 05/08 <i>(previous employer)</i>	S.P. No. 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD) – Engineer of Record. Responsible for all roadway design aspects including and subsurface drainage design; construction support and topographic survey for two-mile long UA-2, five-lane widening project.
11/99 – 01/01 <i>(previous employer)</i>	S.P. No. 742-07-0019, Bayou Gardens Blvd. Widening: LA 659 to Alma St., Terrebonne Parish, LA (LADOTD) – Engineer of Record/Project Manager. Responsible for topographic surveying, roadway design including geometrics and intersection improvements and subsurface drainage design for the one-mile UA-2 widening project.
1994 – 1997 <i>(previous employer)</i>	S.P. No. 413-01-0011, Hollywood Rd./LA 311 Intersection Improvements/Bridge Replacement, Terrebonne Parish, LA (LADOTD) – Engineer of Record/Project Manager. Responsible for design of roadway, hydraulics, utility relocations, drainage improvements, bulkheads and bridge design services for intersection improvement and Off-System bridge replacement project.
1993 – 1997 <i>(previous employer)</i>	S.P. No. 065-91-0011; S.P. 855-04-0052; S.P. 855-08-00340, Howard Avenue Bridge and Approaches, Terrebonne Parish, LA (LADOTD) – Engineer of Record. Responsible for roadway design including subsurface drainage, geometrics, and bridge design of Off-System steel lift span bridge replacement (using towers from Pinhook Rd. bridge) for preliminary and final plans.

16. Staff Experience:

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



 <p>Matthew Ledet, PLS Survey Manager</p>		Years of relevant experience with this employer	1.5
		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		Bachelor of Science/2008/Manufacturing Engineering Technology Bachelor of Science/2010/Gemomatics	
Active registration number / state / expiration date		5104 / LA / 09/30/2024	
Year registered	2013	Discipline	PLS/Surveying
Contract role(s) / brief description of responsibilities		Lead Surveyor/Surveyor of Record – Matt will lead the survey effort and serve as the Surveyor of Record.	
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).		
04/23 – 08/23	Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Lead/Surveyor of Record. Led topographic survey effort of “rails to trails” conversion project of the abandoned Illinois Central Gulf corridor including control establishment, field reconnaissance, field packs, processed data and prepared topographic survey deliverables in accordance with LADOTD standards for the 2.4 mile path segment near Slidell, LA.		
12/22 – 05/23	SP H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD) – Lead/Surveyor of Record. Led topographic survey effort for bridge replacement with roadway, pedestrian and bicycle lanes, including GPS control establishment, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.		
05/22 – 09/22	EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) - Lead/Surveyor of Record. Led topographic survey effort for the replacement of 4-span bridge with a new 5-span bridge including roadway and bicycle lanes, GPS control establishment, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.		
04/22 – 08/22	SP No. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) - Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.		
03/23 – 07/23	LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government) - Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridges and storm drainage systems along LA 44 and LA 621 in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.		

16. Staff Experience:

05/20 – 12/21 <i>(previous employer)</i>	Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD) – Lead Surveyor/Surveyor of Record. Led survey effort including GPS control establishment, topographic surveys, data processing, deliverable preparation, property surveys and Right of Way Mapping for the replacement of 47 bridge structures in northern Louisiana containing nine (9) Off-System Bridges.
03/22 – 07/22	Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, data processing, LiDAR processing for surface generation and use in existing drainage maps for the replacement of four (4) Off-System Bridge replacements with RC Slab Span sites throughout Tangipahoa Parish.
04/14 – 12/18 <i>(previous employer)</i>	S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Surveyor of Record. Led survey, data processing and oversight of field crew coordination for the topographic surveys of 5.5 miles of virgin, wooded terrain with a 300' wide .DTM, SUE locates and property surveys. Prepared base and final right of way maps including 101 parcels for the 5.5-mile, four-lane roadway from Talisheek to Bush, LA.
07/21 – 12/21 <i>(previous employer)</i>	Contract 44-19336 – Rural Bridge Replacement Initiative Phase II (40 bridge structures), Districts 04 & 05, (LADOTD) – Lead Surveyor/Surveyor of Record. Led survey effort including GPS control establishment, topographic surveys, data processing, deliverable preparation for the replacement of 40 bridge structures in northern Louisiana.
04/16 – 08/21 <i>(previous employer)</i>	S.P. No. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James & Lafourche Parishes (LADOTD) – Surveyor of Record, Lead Surveyor. Led topographic survey effort for the 2.7 mile rural safety widening project including control establishment, topographic surveys, and property surveys. Performed field reconnaissance, prepared survey field crew packs, processed data and prepared deliverables. Prepared base and Final Right of Way Maps including 9 parcels.
06/18 – 10/18 <i>(previous employer)</i>	S.P. No. H.013080, McLemore Road/Bee Bayou, Richland Parish, LA (LADOTD) – Lead Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation for the 6-span Off-System bridge replacement near Rayville, LA.
04/13 – 08/13 <i>(previous employer)</i>	S.P. No. H.010559, Bayou Mercier Road/Berard Canal Bayou, St. Martin Parish, LA (LADOTD) – Lead Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation for the 200' long, 5-span Quad Beam Off-System bridge replacement project near Catahoula, LA.
02/18 – 12/18 <i>(previous employer)</i>	ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government) – Lead Project Surveyor. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, title research reports, property surveys, prepared base right of way maps including 12 parcels for the 6.8-mile roadway extension project including several Off and On-System Bridges.
02/11 – 01/13 <i>(previous employer)</i>	S.P. No. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD) – Survey Support. Performed field topographic and property surveys, prepared topographic survey deliverables, prepared base, and final right of way maps for the urban, 3-lane Off-System Bridge replacement project in Thibodaux, LA.
09/04 – 06/07 <i>(previous employer)</i>	S.P. No. 742-55-0102, Country Drive Widening, Terrebonne Parish, LA (LADOTD) – Survey Support. Assisted with calculating 107 parcels on base and final right-of-way maps; performing topographic survey; boundary survey for 2.7 miles roadway widening project.
04/05 – 03/07 <i>(previous employer)</i>	S.P. No. 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD) – Survey Support. Assisted with calculating 35 parcels on base and final right-of-way maps, performed topographic survey; boundary survey for two-mile, four-lane UA-2 roadway widening project.

16. Staff Experience:

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

 <p>Luke Bourg Senior Technician</p>		Years of relevant experience with this employer	<1
		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		Associate of Applied Science/Drafting and Design/2008	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Sr. Design Technician. Luke will be responsible for preparation of roadway and bridge plans (if necessary), coordination of permit sketches	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/23 - Ongoing	SP H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD) – Sr. Project Technician. Responsible for roadway and bridge plan development including pedestrian and bicycle lanes , Microstation drafting and Inroads modeling of roadway corridor including sidewalks, preparation of plan/profile, typical sections, cross sections, geometric layouts and details. Prepared bridge plans including GPE, typical sections, foundation layouts and details of cantilevered sidewalks for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.		
09/18 – 03/22 (Previous Employer)	SP H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD) – Sr. Project Technician. Responsible for roadway and bridge plan development including sidewalks and pier protection , Microstation drafting and Inroads modeling of roadway corridor, preparation of plan/profile, typical sections, cross sections, geometric layouts and details. Prepared bridge plans including span and bent details, LG girder details, GPE, typical sections, foundation layouts on 1,600’ LG 54/LG36 bridge along the 1 mile for the 5-lane widening section in Covington, LA.		
05/23 - Ongoing	EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) – Sr. Project Technician. Responsible for roadway and bridge plan development including bicycle lanes , Microstation drafting and Inroads modeling of roadway corridor, preparation of plan/profile, typical sections, cross sections and bridge plans for the replacement of the existing 4-span vehicular near Covington, LA.		
09/16 – 08/21 (previous employer)	SP No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Sr. Project Technician. Responsible for roadway and bridge plan development, Microstation drafting and Inroads modeling for the 4-mile widening of I-12 near Covington, LA including typical sections, plan/profile, quantities, barrier details, drainage plans, cross sections, bridge superstructure and substructure details. Accelerated project schedule.		
02/20 – 02/23 (previous employer)	SP No. H.012812, US 190 Roundabouts @ Northshore, Camp Villere, St. Tammany Parish, LA (LADOTD) – Sr. Project Technician. Responsible for roadway plan development, Microstation drafting and Inroads modeling including typical sections, plan/profile, quantities, drainage plans, cross sections for the design of a multi-lane roundabout at Northshore Dr. and a single lane roundabout at Camp Villere along US 190 near Slidell.		



16. Staff Experience:

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

 <p>Kelly G. Jones Senior Technician</p>		Years of relevant experience with this employer	1
		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		Bachelor of Arts/2012/Mathematics & English	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Sr. Technician – Survey & Engineering. Kelly will assist with the preparation of topographic surveys, roadway and detailing.	
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).		
04/23 – 08/23	Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Project Technician. Processed survey data and prepared survey deliverables for the “rails to trails” conversion project of the abandoned Illinois Central Gulf corridor including GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters to LADOTD Standards for the 2.4 mile path segment near Slidell, LA.		
04/22 – 08/22	SP No. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) - Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, sidewalks, utilities , bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales, LA for the design of a multi-lane roundabout, GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.		
03/23 – 07/23	LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government) - Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, sidewalks, utilities , bridge and storm drainage systems along LA 44 and LA 621 in Gonzales, LA for the design of a multi-lane roundabout, GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.		
02/19 – 04/20 <i>(previous employer)</i>	S.P. No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD) – Project Technician. Assisted with the preparation of roadway and bridge plans, temporary erosion control plans, summary of estimated quantities, quantity summary sheets, bridge quantity calculations, cost estimate preparation, title sheet and typical sections and details. Design completed under an accelerated project schedule.		
03/22 – Ongoing	Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Project Technician. Performed survey data processing, post-processing and topo survey deliverable preparation, assisting with roadway and bridge plan preparation including Inroads alignments, Plan/Profile sheets, Temporary Bench Marks, Erosion control plans, quantity summary sheets, quantity calculations, typical sections and drainage maps for the replacement of four (4) Off-System Bridge replacements with RC Slab Span sites throughout Tangipahoa Parish.		

16. Staff Experience:

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

 <p>Dakota "Kody" Holley Survey Party Chief</p> 	Years of relevant experience with this employer	1
	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		High School Diploma/2017
Active registration number / state / expiration date		N/A
Year registered	N/A	Discipline
Contract role(s) / brief description of responsibilities		Survey Party Chief. Mr. Holley will serve as the field crew chief for topographic surveys.
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).	
04/23 – 08/23	Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government) – Survey Party Chief. Performed field topographic surveys for the “rails to trails” conversion project of the abandoned Illinois Central Gulf corridor including GPS control establishment, levels, full .DTM surveys to LADOTD Standards for the 2.4 mile path segment near Slidell, LA.	
04/22 – 08/22	SP No. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) – Survey Party Chief. Performed field topographic surveys of the existing roadway, sidewalks, utilities , bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales, LA for the design of a multi-lane roundabout including GPS control establishment, digital levels, full .DTM surveys to LADOTD standards.	
05/19 – 01/21 <i>(previous employer)</i>	Almonaster Bridge Rehabilitation and Approaches, Orleans Parish, LA (Port of New Orleans) – Survey Technician. Performed field topographic and boundary surveys as well as assist with 3D laser scanning of the existing single-leaf bascule bridge, railroad and roadway approaches using LADOTD procedures for the rehabilitation and reconstruction of the bridge approaches.	
10/20 – 03/21 <i>(previous employer)</i>	S.P. No. H.001399, Happy Jack – N. Port Sulphur, Plaquemines Parish, LA (LADOTD) – Survey Technician. Performed field topographic route surveys of the existing roadway sections including control and full .DTM survey using LADOTD procedures for the widening to 4 lanes.	
06/22 – 06/23	22-01, Roadway Rehabilitation Program, St. James Parish, LA (St. James Parish Government) – Survey Technician. Performed field topographic route surveys, control establishment, patch surveys and full .DTM topographic surveys of the existing roadways Parish-wide using LADOTD procedures for the reconstruction and rehabilitation project.	
09/21 – 02/22 <i>(previous employer)</i>	Lapalco Blvd. Phase II, Jefferson Parish, LA (Jefferson Parish Government) – Survey Technician. Performed field topographic route surveys of the existing roadway sections including full .DTM survey, patching locations, utilities and drainage using LADOTD procedures.	
07/22 – 02/23	LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish Government) – Party Chief/Survey Technician. Performed GPS static control establishment, digital levels, field topographic surveys of the existing roadway with a 350’ wide full .DTM survey using LADOTD codes and procedures for the 2.5 mile widening to 4 lanes.	


16. Staff Experience:

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

 <p>Will Cupit Survey Technician</p> 	Years of relevant experience with this employer	1
	Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		High School Diploma/2019
Active registration number / state / expiration date		N/A
Year registered	N/A	Discipline N/A
Contract role(s) / brief description of responsibilities		Survey Field Technician – Mr. Cupit will serve as a field survey technician for topographic surveys.
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
03/22 – 07/22	E. Lewiston Rd. Bridge over Wilson Branch, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Survey Technician. Performed GPS static control establishment, ran digital levels and performed field topographic surveys of the existing bridge, channel, and roadway for the Off-System Bridge replacement project near Kentwood, LA.	
03/22 – 05/22	Easley Rd. Bridge over Sweetwater Creek, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Survey Technician. Performed GPS static control establishment, ran digital levels and performed field topographic surveys of the existing bridge, channel, and roadway for the Off-System Bridge replacement project near Loranger, LA.	
04/22 – 06/22	Old Genessee Rd. Bridge over Creek #1, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Survey Technician. Performed GPS static control establishment, ran digital levels and performed field topographic surveys of the existing bridge, channel, and roadway for the Off-System Bridge replacement project near Tickfaw, LA.	
07/22 – 02/23	LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish Government) – Survey Technician. Performed GPS static control establishment, digital levels, field topographic surveys of the existing roadway with a 350’ wide full .DTM survey using LADOTD codes and procedures for the 2.5 mile widening to 4 lanes.	
09/21 – 02/22	Magnolia Heights Drainage Improvements, Vacherie, LA (St. James Parish Government) – Survey Technician. Performed GPS control establishment and field topographic surveys of over 2 miles of existing roadway, drainage structures, utilities.	
04/22 – 06/22	Old Genessee Rd. Bridge over Creek #2, Tangipahoa Parish, LA (Tangipahoa Parish Government) – Survey Technician. Performed GPS static control establishment, ran digital levels and performed field topographic surveys of the existing bridge, channel, and roadway for the Off-System Bridge replacement project near Tickfaw, LA.	
07/22 – 09/22	22-084, Rousseau Rd. Bridge/Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) – Survey Technician. Performed site reconnaissance, prepared field packs, field topographic survey including GPS control establishment and full .DTM topographic surveys (200’ x 2200’ .DTM) of the existing roadway, bridge and channel for the 6-span Off-System Bridge replacement near Covington, LA.	


16. Staff Experience:

Firm employed by: ELOS Environmental, LLC

Brian Fortson Senior Ecologist		Years of relevant experience with this employer	9
		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		BS, Wetland Ecology, Southeastern Louisiana University, 1995 JD, Civil Law, Loyola University School of Law, 2006	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Fortson will serve as a Wetlands Biologist.	
<p>Mr. Fortson leads permitting efforts for multiple projects for local development and infrastructure improvement efforts. Mr. Fortson provides technical expertise on many other projects for which he is not the lead scientist. Mr. Fortson served as a Planning Technician, Land Use Planner, Environmental Specialist, and Coastal Wetland and Environmental Resources Manager for St. Tammany Parish Government from 1988 to 2013. He was responsible for the administration of the St. Tammany Parish Local Coastal Program under the Coastal Zone Management Act and was responsible for managing the natural resource permitting efforts for Parish Government. Mr. Fortson was the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) representative for St. Tammany Parish beginning with Project Priority List 1 and has proposed and presented multiple coastal restoration projects and facilitated the approval of projects through the permitting process.</p>			
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).		
2022-Ongoing	DOTD River Road Bridge, Tangipahoa Parish, LA – Project Manager. Mr. Fortson is responsible for preparing a wetland delineation report to obtain a jurisdictional determination from USACE for the 7-acre project area, as well as assist with SOVs for DOTD North River Road Bridge (H. 014265).		
2022-Ongoing	DOTD Savanne Road Bridge, Terrebonne Parish, LA – Project Manager. Mr. Fortson provides project management oversight for collecting data and preparing a wetland delineation report to obtain a jurisdictional determination from USACE for the 7-acre project area, as well as assist with SOVs for DOTD Savanne Road Bridge (H.014267).		
2022-Ongoing	STP Lock No. 2 Bridge Replacement, St. Tammany Parish, LA – Project Manager. ELOS is contracted to perform a wetland delineation, submit a permit application, perform a State Historic Preservation Officer (SHPO) Section 106 desktop review and consultation, and perform USFWS ESA desktop biological assessment for the St. Tammany Parish Lock No. 2 Bridge Replacement project located on a 1.75-acre site in St. Tammany Parish, LA. Mr. Fortson provides management oversight for the wetland delineation to USACE to determine the potential jurisdictional wetlands and other waters. He also provides management oversight for the Threatened & Endangered (T&E) species survey and coordinates with the SHPO to complete the section 106 desktop review.		
2022	Breaux Bridge Manor Phase III, St. Martin Parish, LA – Project Manager. ELOS was contracted to collect data and prepare a report to support a wetland delineation and request a jurisdictional determination from USACE within an approximately 400-acre total project area located in Breaux Bridge, LA. Mr. Fortson provided project management. He provided oversight and direction for the biology team conducting the wetland delineation. Mr. Fortson and his team obtained information for the wetland delineation report and coordinated between the client and government agencies		


16. Staff Experience:

Firm employed by: ELOS Environmental, LLC

Lucas Watkins Senior Ecologist		Years of relevant experience with this employer	15
		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		MS, Biological Sciences, Southeastern Louisiana University, 2005 BS, Forest Management, Louisiana State University, 2000	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Watkins will serve as an Environmental Professional.	
Lucas Watkins is the President and founding Principal of ELOS. His experience includes environmental regulatory compliance and project management. This includes the management of large-scale, multi-faceted projects, such as disaster recovery debris removal efforts, wetland restoration implementation, government grant management, and complex construction projects. His key strengths include wetland delineations, wetland permitting, wetland restoration, NEPA compliance, ASTM Phase I ESAs, stormwater management, FERC regulatory overview and guidance, endangered species surveys, and timber and forest management. He has substantial experience in permitting municipal infrastructure, levees, borrow pits, oil and gas exploration, productions, and transmission activities as well as working on other public and private sector environmental-related issues. Mr. Watkins works to ensure that ELOS acquires the best tools and techniques to guarantee efficient and cost-effective delivery of services to clients.			
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).		
2017	LA 3234 Extensions to Hammond Airport Environmental Assessment, Tangipahoa Parish, LA – President/Project Management. ELOS was contracted to provide environmental services for the LA-3234 Extension from LA-1065 to Hammond Airport. These services included preparing estimates of environmental mitigation costs where ELOS estimated the cost of mitigation of any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. Lucas acted as the principal in charge of overseeing this project and provided guidance along the way		
2017-2018	I-10 Highland to LA 73 Design Build, East Baton Rouge Parish to Ascension Parish, LA – Environmental Scientist. ELOS was contracted to act as the environmental compliance manager responsible for permitting and construction monitoring for the fast-track interstate widening project from Highland Road in Baton Rouge to LA 73 in Prairieville. Lucas was the principal on this project overseeing all aspects to ensure efficiency and quality work.		
2017- Ongoing	Move Ascension, Ascension Parish – Environmental Scientist. ELOS has been contracted to perform wetland delineations, cultural resource consultation, and permitting consultation for multiple roadway projects located in Ascension Parish. Lucas oversees ELOS staff to perform the wetland delineations, as well as cultural resource field investigations. Lucas has also assisted Mr. Prather and the ELOS team with permitting all roadway permits as part of the Move Ascension project.		
2015-2018	St. Tammany Parish Drainage System Maintenance and Upgrade Permitting, Tangipahoa Parish, LA – Principal. ELOS assisted with the environmental assessment and permitting of a variety of drainage maintenance and upgrade efforts for St. Tammany Drainage District #5. Projects included retention pond permitting, pond and outfall upgrades, drainage conveyance upgrades, and comprehensive drainage improvements within the district. Lucas oversaw all of the technical and regulatory work throughout the process of this project.		


16. Staff Experience:

Firm employed by: ELOS Environmental, LLC


Justin Daley Archaeologist		Years of relevant experience with this employer	1
		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		PhD, Archaeology, Flinders University, 2020 MA, Applied Archaeology, Indiana University of Pennsylvania BA, History, Central Connecticut State University	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Daley will serve as an Archaeologist.	
Dr. Daley is an experienced archaeologist with a diverse range of expertise. As the Director of Cultural Resources and Senior Project Manager, his responsibilities include budgeting, staffing, delegation of tasks, project organization and development, consultation, field preparation and execution, proposals, 106 desktop reviews, and report production as well as QAQC of all reports written within the cultural resource department. Prior to joining ELOS, he worked as a museum educator at the Smithsonian (NMAH), excavated shipwrecks in Bermuda and Australia, worked throughout the northeast on archaeological projects, lived with the Yupik Native Alaskans in the Yukon, and most recently, lived in New York as a project archaeological inspector.			
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).		
2023	Tchefuncte Habitat Restoration Cultural Resources Investigation, St. Tammany Parish, LA – ELOS was contracted to provide cultural resources management services for conducting a marine cultural resource survey of the Tchefuncte Lighthouse. ELOS is providing services for three tasks to fulfill the requirements of Section 106 of the NHPA including the scope of work development, Terrestrial Phase I Cultural Resource Survey, and the Cultural Resource Assessment No Findings Report. Dr. Daley served as Project Manager, Co- Principal Investigator, and Primary Author, while working to identify prehistoric or historic cultural resources within the project area, and in particular features or materials related to the lighthouse.		
2022	Kyle Associates PRNC Dredge Project: Phase 1 Cultural Resource Survey, St. Tammany Parish, LA – ELOS was contracted to provide professional cultural resources management services for a 12-acre site for the restoration of the Pearl River Diversion Canal in St. Tammany Parish, Louisiana. ELOS provided services to fulfill the requirements of Section 106 of the NHPA, as amended: 1) Background Research; 2) Terrestrial Phase I Cultural Resource Survey; 3) Cultural Resource Assessment No Findings Report. Dr. Daley served as Field Director and Co-author while working to locate and identify any historical cultural resources within the project area in anticipation of drainage improvement activities on the project site.		
01/20-11/22	Project Archaeological Inspector, Tectonic Engineering, Queens, NY – Dr. Daley was responsible for monitoring multiple crews in this previous role. As he managed several groups simultaneously in New York, he coordinated archaeological and survey efforts		
06/19-10/19	Lead Cultural Resource Monitor, Cultural Resource Consultants, Anchorage, AK – Dr. Daley was responsible for monitoring unmarked burials in a remote Yupik Eskimo village.		

16. Staff Experience:


Firm employed by: ELOS Environmental, LLC

Basile Dardar Project Manager		Years of relevant experience with this employer	2
		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS, Biological Sciences, University of Louisiana Lafayette, 2014	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Dardar will serve as an Environmental Professional.	
Mr. Dardar is an environmental scientist who has a wide range of experience including: inspections, permitting, wetland delineations, environmental surveying, developing reports, research, sampling, testing, and coordinating with agencies and clients. Mr. Dardar provides environmental expertise, accurate reporting, and a high degree of professionalism to every project. Mr. Dardar is also a certified oyster biologist as well as a certified diver. Mr. Dardar also has Traffic Control Technician Certification for the state of Louisiana.			
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).		
2021-Ongoing	Tangi Off-System Bridge Prioritization, Tangipahoa Parish, LA – Environmental Scientist. ELOS was contracted to provide all professional environmental services including Solicitation of Views (SOVs), Categorical Exclusion (CE) Document, permit applications and drawings, wetland delineations, and report. Mr. Dardar serves as the project manager and assists in conducting wetland delineations for this project.		
2021-Ongoing	LADOTD Rural Bridges Phase I and II, Various Parishes, LA – Environmental Scientist. ELOS was contracted to provide wetland applications and permitting assistance for the LA-DOTD Rural Bridges project. Mr. Dardar serves as the project manager and assists in conduction wetland delineations for this project.		
2021-Ongoing	Move Ascension, Ascension Parish, LA – Environmental Scientist. ELOS has been contracted to perform wetland delineations, cultural resource consultation, and permitting consultation for multiple roadway projects located in Ascension Parish. Mr. Dardar assets with delineations and permitting related to this project.		
2018-2021	T. Baker Smith, Environmental Professional – Mr. Dardar served as the team lead on wetland delineations and reports, conducted threatened and endangered species surveys and prepared reports, led vegetation surveys and prepared reports, directed oyster surveys including bottom-type assessments, dredge samples, and collection of dive samples, and wrote SWPPPs and inspect stormwater discharges at construction sites. He completed Phase I inspections and reports, surveyed and monitored threatened and endangered species, and conducted soil sampling and prepared reports. He also prepared documentation for permits dealing with LDEQ, LDWF, LDNR, USACE, etc. and coordinated and discussed projects with clients.		


16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC				
Sheelagh Brin Ferlito, PE, PTOE Principal			Years of relevant experience with this employer	8
			Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		B.S. / 1988 / Civil Engineering		
Active registration number / state / expiration date		PE.0025383 / LA 9/30/2023		
Year registered	1993	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic Control Design, Traffic Signal Analysis and Design / TMPs / Peer Reviews		
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 Louisiana 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 the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.			
07/18 – 04/19	LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.			


16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC				
Laurence Lucius Lambert, II, PE, PTOE, PTP Principal			Years of relevant experience with this employer	8
			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 / 3/31/2024		
Year registered	2001	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic Control Design, Traffic Signal Analysis and Design / TMPs / Peer Reviews		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23 – 07/23	H.013722 Morgan City Sidewalks & Shared Use Path (Morgan City, LA) Laurence was the project manager as part of a DOTD Safety IDIQ contract to document if an approach at a signalized intersection met the warrants listed in the Traffic Engineering Manual Sections 3B.2.4 and 3B.2.8 for a pedestrian marked crosswalk. The study also included an evaluation of a mid-block crossing based on the criteria set in Section 3B.2.7 of the Traffic Engineering Manual. The study consisted of vehicular and pedestrian counts, spot speed study, a safety analysis and field observations.			
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. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB’s). Currently, Vectura is developing plans for the PHB’s at four locations which will be the first implementation of PHB’s in the Baton Rouge area on a state route.			
07/22 – 09/22	H.013716.5 – US 167: Camellia Blvd – Churchill Dr (Lafayette, LA) Pedestrian Count Study Laurence developed a technical memorandum as part of a DOTD Safety IDIQ contract to document if an approach at a signalized intersection met the warrants listed in the Traffic Engineering Manual Sections 3B.2.4 and 3B.2.8 for a pedestrian marked crosswalk.			
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 developed specifications of Rectangular Rapid Flashing Beacons (RRFB) for the City of Baton Rouge.			
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.			

16. Staff Experience:


Firm employed by: Vectura Consulting Services, LLC				
Reece Rodrigue, PE, PTOE, RSP1 Project Traffic Engineer			Years of relevant experience with this employer	3
			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		B.S. / 2013 / Civil Engineering		
Active registration number / state / expiration date		PE. 0042074 / LA / 3/31/2024		
Year registered	2017	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer for Traffic Control Design, Traffic Signal Analysis and Design / TMPs / Peer Reviews		
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 project 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.			
07/21 – current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge) 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.			
01/21 – 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 was a project engineer, who participated 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 was a project engineer, who assisted 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.			

16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC				
Kristen Gahagan Farrington, PE, PTOE, RSP1 Project Traffic Engineer			Years of relevant experience with this employer	2
			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		B.S. / 2013 / Civil Engineering		
Active registration number / state / expiration date		PE. 0042785 / LA / 3/31/2025		
Year registered	2016	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer for Traffic Control Design, Traffic Signal Analysis and Design / TMPs / Peer Reviews		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23 – 07/23	H.013722 Morgan City Sidewalks & Shared Use Path (Morgan City, LA) Kristen was the lead engineer as part of a DOTD Safety IDIQ contract to document if an approach at a signalized intersection met the warrants listed in the Traffic Engineering Manual Sections 3B.2.4 and 3B.2.8 for a pedestrian marked crosswalk. The study also included an evaluation of a mid-block crossing based on the criteria set in Section 3B.2.7 of the Traffic Engineering Manual. The study consisted of vehicular and pedestrian counts, spot speed study, a safety analysis and field observations.			
04/21 - current	CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.			
08/21 – 04/22	H.013267 Downtown to Scotlandville Parkway Trail Safety Enhancement Study (Baton Rouge, LA) Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB’s). Currently, Vectura is developing plans for the PHB’s at four locations which will be the first implementation of PHB’s in the Baton Rouge area on a state route.			
02/20 – 09/21	MOVEBR College Drive Enhancement Project (Baton Rouge, LA) Kristen assisted with the data collection task 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.			
6/19 - 2/21	H.013459 US 167 Improvements Stage 0 Elsie Street to Gilbert Street (St. Landry Parish, LA) Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.			

16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC

Bridget Scheyd Robicheaux, PE, PTOE (Part-Time) Project Traffic Engineer			Years of relevant experience with this employer	6
			Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		B.S./2007/Civil Engineering M.S./2014/Civil Engineering		
Active registration number / state / expiration date		PE. 0041272 / LA / 3/31/2023		
Year registered	2016	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer for Traffic Control Design, Traffic Signal Analysis and Design / TMPs / Peer Reviews		
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) Bridget has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Bridget also reviewed the traffic signal supports and documented all of her comments in a quality control tracker spreadsheet.			
06/21 - 06/21	CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA) Bridget assisted with the traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street).			
03/21 - 07/22	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Bridget is part of the team responsible for Construction Engineering and Inspection. Bridget has reviewed the signal mast arm shop drawings (checking pole quantities and markups) to assist the City-Parish of Baton Rouge in accepting the manufactured poles.			
04/20 - 07/20	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Bridget assisted the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd by pulling crash data along LA 23, reviewing and summarizing crash reports, and performing CATScan analysis.			
04/19 - 01/20	Traffic Studies for Broussard Middle School and Billeaud Elementary School (Lafayette Parish, LA) Bridget was the project engineer for developing a Traffic Study for two school entrances in Broussard, LA. Her project task included traffic data collection, forecast traffic volume development, existing traffic analyses and future traffic analyses using HCM software. She performed turn lane warrants based on NCHRP Report Number 457 as well as storage lengths based on queues and DOTD requirements.			
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Bridget assists Brin on a daily basis for the entire New Capacity Projects program management team. Bridget has performed multiple reviews of traffic studies and traffic signal designs. This includes reviewing raw data, unmet demand, volume maps, existing and build analyses, and safety analyses for accuracy and consistency throughout the report. She provides comments in a spreadsheet known as the Comment Tracker. All comments are posted in the Comment Tracker so that all parties are aware. Many of these projects are located on state routes and require approval by the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects. Using methods outlined in NCHRP 765, Bridget helped to develop design year volumes for the Jones Creek (Airline to Jefferson) MOVEBR project. She has developed Turn Lane tech memos for the MOVEBR Old Hammond Highway Segments 1A and two projects and for the MOVEBR Highland at Siegen project.			


16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC

Clara Williams Foshee, PE (Part-Time) Project Traffic Engineer			Years of relevant experience with this employer	2
			Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		B.S./2015/Civil Engineering		
Active registration number / state / expiration date		PE.0044568 / LA / 09/30/2024		
Year registered	2020	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer for Traffic Control Design, Traffic Signal Analysis and Design / TMPs / Peer Reviews		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/22 – current	H.014746.1 Stage 0 LA 383 (Iowa, LA) Clara is performing the safety analysis for this corridor study. She will develop Appendix C and the corresponding sections in Chapter 2 to comply with the DOTD TEPR process.			
05/22 – current	H.012370 Morrison Road Traffic Study: Mayo Boulevard to Bullard Avenue (New Orleans, LA) Clara was the project engineer for a corridor study that evaluated reducing travel lanes to incorporate bike lanes. The study included peak hour determination, turning movement counts with unmet demand, safety analysis, and intersection analyses using HCS 2023. The study followed the DOTD TEPR process since the project received federal aid and will be reviewed by DOTD.			
02/22 – 06/22	MOVEBR Direct Select for Traffic Signal Design (Baton Rouge, LA) Clara provided quality control for several components of this project. She reviewed the traffic volume and safety sections of several intersection design studies. She also verified the estimated quantities for several traffic signal design plans.			
08/21- 07/22	H.005168 NORG - Avondale PEL Study (Avondale, LA) Clara provided quality control for Appendix C (Safety) and Chapter 2 (Existing Conditions), as well as assisted with the completion of Appendix D (Existing and No Build Analysis). The study followed the DOTD TEPR process and was reviewed by DOTD.			
07/21 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Clara has verified turn lane length calculations, vertical tree clearances, safety analyses, pedestrian countermeasures, and other quality control reviews to assist the City of Baton Rouge with their reviews.			
10/18 – 12/18	Traffic Engineering Process and Report Flowchart (Hammond, LA) Lead engineer in the design and production of a flowchart depicting the assembly of the new Traffic Engineering Process and Report Flowchart. While working as a staff member in DOTD District 62, she took the initiative to create a document clearly showing how the new Traffic Engineering Process and Report should be assembled via flowchart. This flowchart was intended to be used internally throughout District 62 but was seen and admired by DOTD Headquarters and spread throughout the state to serve as a supplemental guide for the creation of the new Traffic Engineering Process and Report.			

16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC

Ronald St. Angelo Construction Specialist			Years of relevant experience with this employer	<1
			Years of relevant experience with other employer(s)	48
Degree(s) / Years / Specialization		High School Diploma / 1975		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Senior-level Construction Specialist, shop drawing reviews.		
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).			
02/03 – 04/23	<p>Jack B Harper Electrical, LLC (Walker, LA) Ronnie specialized in programming traffic signal controls / ITS equipment and troubleshooting construction issues in the field such as utility conflicts and traffic signal issues. He was a project manager for numerous traffic signal related projects and oversaw a team of field technicians for signal related construction projects. He was an estimator for bidding traffic signal / ITS equipment projects. Ronnie worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal / ITS projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, Ronnie worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Read and interpreted construction plans to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic signals during all construction phases. Assisted site inspectors with confirming mast arm foundation locations; drawing reviews; change requests; and verifying controller data collection and timing checks.</p>			
07/75 – 01/03	<p>East Baton Rouge Traffic Engineering Division Ronnie was a certified IMSA Level 1 & 2 Technician while employed at the City of Baton Rouge. Ronnie performed numerous construction tasks in relation to traffic signals within East Baton Rouge Parish. Construction included traffic signal poles, signal heads, signal wiring, vehicle detection, traffic signal controller / cabinet power service. In the earlier part of his career, the traffic signal controllers consisted of mechanical parts. As time progressed, the controller evolved to steady-state technology. In addition, Ronnie performed traffic signal tasks related to maintenance after damage from collisions or extreme weather. While employed in the city, Ronnie was tasked with maintaining over 300 signals that included DOTD intersections. Ronnie started his career at the City of Baton Rouge as a Technician, then Traffic Signal Technician, then Foreman and finally a supervisor. Ronnie was also responsible for programming traffic signal controllers while at the City.</p>			


16. Staff Experience:

Firm employed by: **CARBO Landscape Architecture**

Zach Broussard Partner			Years of relevant experience with this employer	12.5
			Years of relevant experience with other employer(s)	2.5
Degree(s) / Years / Specialization		2008 Bachelor of Landscape Architecture Louisiana State University 2003 – 2008		
Active registration number / state / expiration date		B-409 Louisiana 1.31.24		
Year registered	2012	Discipline	Landscape Architecture	
Contract role(s) / brief description of responsibilities		Zach Broussard is a Landscape Architect, professionally registered in Louisiana with over 15 years of experience. Zach will serve as principal-in-charge on the project, responsible for overseeing all work produced by CARBO.		
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).			
01/23 - Present	Harveston Development – Bluebonnet Streetscape Baton Rouge, LA – Principal-in-Charge for landscape design of roadway renovation project to add two new roundabouts to Bluebonnet Blvd through a newly planned private development. Design includes median and perimeter streetscape, site lighting, multi-use pathways, crosswalks, roundabout planting, and development signage.			
03/23 – 05/23	I-10 Calcasieu River Bridge Lake Charles, LA – Principal-in-Charge for thematic design and branding, as well as miscellaneous landscape design for a new I-10 Toll Bridge in Lake Charles, LA.			
03/15-08/18	LSU Nicholson Drive Corridor Baton Rouge, LA – Project Manager for design of wide-ranging improvements to significant corridor for Baton Rouge and LSU which included site planning, parking areas, innovative storm water management, entry plazas, site grading, pedestrian and bike paths, landscape planning & design, irrigation, site lighting, and site amenities based on current needs and future campus developments.			
01/11-05/15	Bolton Avenue Streetscape Improvements Alexandria, LA – Assisted in production drawings and CA for design of comprehensive streetscape improvements including storm water management best practices, site grading, pedestrian walkways, landscape design, bus pavilions, and site lighting, in order to foster positive development along the corridor.			

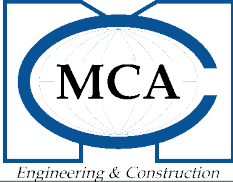
16. Staff Experience:

Firm employed by: **CARBO Landscape Architecture**

Danielle Griffin Project Manager			Years of relevant experience with this employer	12.5
			Years of relevant experience with other employer(s)	2.5
Degree(s) / Years / Specialization		2018 Bachelor of Landscape Architecture Mississippi State University 2014 – 2018		
Active registration number / state / expiration date		None		
Year registered	N/A	Discipline	Landscape Architecture	
Contract role(s) / brief description of responsibilities		Danielle Griffin will serve as the Project Manager, handling Day-to-day project contact. Responsible for attending meetings and production of Landscape Architecture services.		
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).			
01/23 - Present	Harveston Development – Bluebonnet Streetscape Baton Rouge, LA – Project Manager for landscape design of roadway renovation project to add two new roundabouts to Bluebonnet Blvd through a newly planned private development. Design includes median and perimeter streetscape, site lighting, multi-use pathways, crosswalks, roundabout planting, and development signage.			
03/23 – 05/23	I-10 Calcasieu River Bridge Lake Charles, LA – Project Manager for thematic design and branding, as well as miscellaneous landscape design for a new I-10 Toll Bridge in Lake Charles, LA.			
02/22 – 08/22	Bicycle Lafayette – Master Plan Lafayette, LA – Landscape Designer for city-wide bicycle master plan in Lafayette, LA			

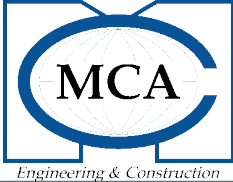
16. Staff Experience:

Firm employed by: **Marrero, Couvillon & Associates, LLC**

Orien Butler P.E. Electrical Engineer		Years of relevant experience with this employer	12
		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		B.S. / 2003 / Electrical Engineering	
Active registration number / state / expiration date		#38553 / LA / 9-30-23	
Year registered	2013	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities		Sr. Electrical Engineer / Power and Lighting/Navigational Lighting Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/06 - 06/08	LADOTD - SP# 450-11-0048, I-10, LA 30 and LA 44 Interchanges, Gonzales, LA – Sr. Electrical Engineer. Designed the lighting system for two LADOTD interchanges in Gonzales, LA. Designed photocell cabinet controlled high mast lighting to meet required illumination levels for I-10 on and off ramps at both LA 30 and LA 44.		
08/07 - 02/09	LADOTD - SP# 454-03-0069, I-12/Airport Road Interchange, Hammond, LA – Sr. Electrical Engineer. Designed the lighting system for a LADOTD interchange in Hammond, LA. Designed photocell cabinet controlled low mast lighting to meet required illumination levels at I-12 on and off ramps at Airport Road.		
12/06- 11/13	LADOTD - SP# 450-15-0103, Interstate Highway Lighting (DOTD) at the I-10, Causeway Blvd. Interchange, Jefferson Parish, LA – Sr. Electrical Engineer. Designed the lighting system for this \$35.6 million project involving the addition of five dedicated ramps at the I-10/Causeway Boulevard interchange. Designed photocell cabinet controlled low mast and high mast lighting to meet required illumination levels, including new loop and ramp structures.		
01/12 - 03/14	LADOTD - SP# 700-99-0429, Bayou LaLoutre Bridge Rehabilitation, Yscloskey, LA – Sr. Electrical Engineer. Responsible for the complete electrical rehabilitation of an existing DOTD movable bridge facility. Conducted the electrical inspection of the movable bridge facility and made recommendations for power and lighting system rehabilitation, replacement of traffic gates, navigational lights, installing traffic signals, emergency power generation, operator house, and utilities building. Included the design of new lighting, panels, switchboards, and control system for the bridge system (including the wound rotor motor used for movable bridge operation). The design was expanded to include a new Operator House structure (2-story) which was requested by the DOTD.		
01/13 - 05/15	LADOTD - SP# 829-32-0010/H.008145, LA-1 Relocated, Golden Meadow to Port Fourchon, LA – Sr. Electrical Engineer. The LA 1 Relocated project will provide an 18-mile, fully access controlled, elevated highway on a new location between Golden Meadow (LA 3235) and Port Fourchon (LA 3090). Performed the lighting design for Phase 2A, B, C which involved approximately 9 miles of two-lane, elevated highway from Leesville to Golden Meadow (LA 3235). The scope of work also included the design of electrical and controls infrastructure for ITS equipment and new toll booths along the route.		

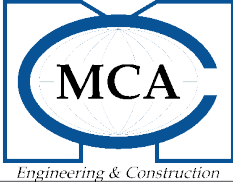
16. Staff Experience:

Firm employed by: **Marrero, Couvillon & Associates, LLC**

Christian Schade, P.E. Sr. Electrical Engineer		Years of relevant experience with this employer	6
		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization		Bachelor of Science / 1993 / Electrical Engineering	
Active registration number / state / expiration date		LA License No. 32483 Expiration Date 9/30/2024	
Year registered	2006	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities		Electrical Engineer – Electrical Engineering 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).		
07/17 – 11/20	I-10 and 73 – Design Build – Electrical Engineer - Provide electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.		
08/16 – 07/20	Bayou LaLoutre Bridge Rehabilitation – Electrical Engineer. Provided complete electrical rehabilitation on the vertical lift bridge.		
08/16-07/21	New Orleans Municipal Yacht Harbor - New Orleans, Louisiana – Marrero, Couvillon & Associates provided Mechanical, Electrical, Plumbing and Fire Protection engineering services to the prime Marine Engineering firm for the renovation of the City of New Orleans Municipal Yacht Harbor. New floating concrete docks with approximately 500 boat slips were installed, complete with electrical, water and fire protection utilities for each slip. A new Comfort Station (restrooms) with mechanical and electrical utilities was constructed as well.		
04/18 – 02/20	Port of New Orleans - France Road – North, Roadway and Drainage Improvements – Electrical Engineer. MCA provided the electrical and mechanical engineering services for the roadway and drainage improvements.		
11/16 – 6/17	Louis Armstrong New Orleans Airport International Airport Pavement Remediation at Eastern Side of Runway 11-29, Kenner, Louisiana – Electrical Engineer. Electrical design services for Pavement Remediation of sag in existing runway pavement on the eastern side of Runway 11-29 near Taxiway Alpha at the airport.		
04/18 – 02/19	City of New Orleans - Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA – Sr. Electrical Engineer. Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014.		
9/22 - Present	LADOTD - I-10 Widening – LA 73 to LA 30, Ascension Parish, LA – Sr. Electrical Engineer. Design services to modify the existing high mast lighting at LA73 interchange, as needed to accommodate the widening of I-10. This required a photometric analysis to be performed on the existing conditions, and again on the proposed relocation for the high mast poles to accommodate the added travel lanes and new bridge construction over LA73.		

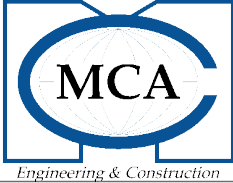
16. Staff Experience:

Firm employed by: **Marrero, Couvillon & Associates, LLC**

M. Kimball Schlafly, P.E. Sr. Electrical Engineer		Years of relevant experience with this employer	3
		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		Bachelor of Science / 1988 / Electrical Engineering	
Active registration number / state / expiration date		License No. 27699/ Louisiana / 9/30/2024	
Year registered	1998	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities		Sr. Electrical Engineer / Electrical Engineering 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).		
01/23 – Present	LADOTD - I-20 Widening at Wells Road to LA 34, Ouachita Parish – Sr. Electrical Engineer. Design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry.		
04/17 - Present	City/Parish of East Baton Rouge - I-10 and Pecue Lane, Baton Rouge, LA – Sr. Electrical Engineer. Lighting design along Pecue Lane from the control of access points north and south of the roadway. Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward’s Creek.		
9/22 - Present	LADOTD - I-10 Widening – LA 73 to LA 30, Ascension Parish, LA – Project Manager. Design services to modify the existing high mast lighting at LA73 interchange, as needed to accommodate the widening of I-10. This required a photometric analysis to be performed on the existing conditions, and again on the proposed relocation for the high mast poles to accommodate the added travel lanes and new bridge construction over LA73.		
09/20 - Present	East Baton Rouge Parish: MOVEBR – Lighting Design Services for Bluebonnet Blvd. – Sr. Electrical Engineer. This project includes adding an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. Lighting and electrical design is ongoing, and provides new low-mast lighting utilizing LED fixtures on aluminum poles with breakaway bases, and will cover the entire stretch of roadway from Perkins Road to Picardy Ave.		

16. Staff Experience:

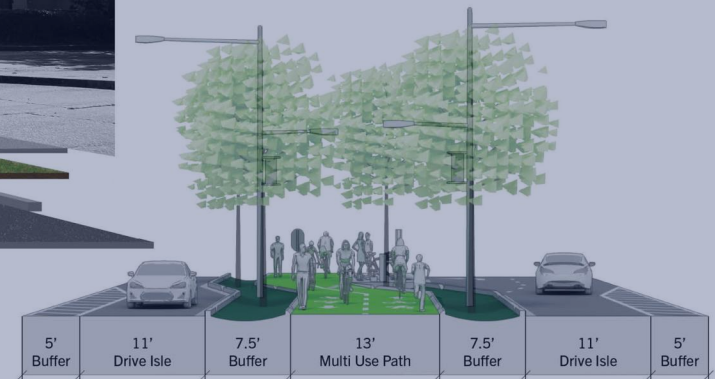
Firm employed by: **Marrero, Couvillon & Associates, LLC**

John Hamm Sr. Designer		Years of relevant experience with this employer	7
		Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization		Bachelor of Science / 1981 / Electrical Engineering	
Active registration number / state / expiration date		License No. N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Electrical Engineering 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).		
05/15 – 12/17	City/Parish of East Baton Rouge - Indefinite Delivery/Indefinite Quantity (ID/IQ) Contract with the Department of Public Works City Parish East Baton Rouge – Green Light Project, East Baton Rouge Parish, LA – Sr. Electrical Engineer. Design of Street Lighting, Baton Rouge, Louisiana This project includes multiple street lighting projects.		
02/15 – 07/17	LADOTD - LA-1 Reroute from Golden Meadow to Leesville, Lafourche Parish, LA – Sr. Electrical Engineer. Lighting design for 9 mile section of widened DOTD highway (LA 1 from Golden Meadow to Leesville). Electrical and controls infrastructure for ITS equipment and design of new toll booths.		
08/15 – 07/20	LADOTD - Bayou LaLoutre Bridge Rehabilitation, St. Bernard Parish, LA – Sr. Electrical Engineer. Provided complete electrical rehabilitation on the vertical lift bridge.		
05/15 – 02/17	LADOTD - I-10 Widening at LA 429 and LA 30, Ascension Parish – Sr. Electrical Engineer. Design of the lighting systems for A LA DOTD interchange in Ascension Parish. Design of lighting meeting required illumination levels at I-10 Widening, LA 429 and LA 30, including new loop and ramp structures.		
04/17 - Present	City/Parish of East Baton Rouge - I-10 and Pecue Lane, Baton Rouge, LA – Sr. Electrical Engineer. Lighting design along Pecue Lane from the control of access points north and south of the roadway. Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward’s Creek.		
07/17 - Present	LADOTD - I-10 and 73 – Design Build, Ascension Parish and East Baton Rouge, LA – Sr. Electrical Engineer. Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.		

SECTION 17

VÉLOOP THROUGH OIL CENTER

- 1 Trailhead
- 2 Two-way Bicycle Path
- 3 Bioswale
- 4 Shade Trees



Bike Lafayette Master Plan
Lafayette, LA
CARBO Landscape Architecture

17. Firm Experience:

Firm name	Crescent Engineering & Mapping, LLC		Past Performance Evaluation Discipline(s)*	Road, Survey
Tammany Trace Connection to Heritage Park			Firm responsibility (prime or sub?)	Prime
Project number	EN16000045	Owner's name	St. Tammany Parish Government	
Project location	Slidell, LA	Owner's Project Manager	Sara Sharp, P.E.	
Owner's address, phone, email	21454 Koop Drive, Mandeville, LA 70471 985-898-2552 spsharp@stp.gov.org			
Services commenced by this firm (mm/yy)	04/23	Total consultant contract cost (\$1,000's)		\$240
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$240

The Tammany Trace Connection to Heritage Park project is a **rails to trails conversion Transportation Alternatives Project (TAP)** involving the last portion of the Illinois Central Gulf Railroad being converted to the Tammany Trace with a 12'-16' wide bicycle and pedestrian path in St. Tammany Parish, connecting this 2.4 mile segment to the existing 31-mile network of shared use path near Slidell, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental, permitting and contract management. Project scoping and design is per LADOTD requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analysis, pedestrian and bicycle path design, roadway, bridge design, utility surveys, permit drawings and plan production. The project's topographic survey includes a DTM width of 200' within the existing, heavily wooded R/W and was conducted to LADOTD Location & Survey standards and processed in Bentley Microstation/Inroads. Included in the project are three (3) pedestrian bridges ranging from 100' to 240' long with two sites being designed for vehicular loads due to limited access for construction. Hydraulic analysis was performed using HEC-RAS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD Complete Streets and design criteria are being followed and design drawings are being developed as traditional LADOTD plans in Microstation/Inroads, certified by CADConform due to anticipated federal funding.

Crescent has completed the topographic surveys and Preliminary Plans are underway.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., PE, Matthew J. Ledet, PLS, Abbey Falcon, P.E., Kelly Jones, Luke Bourg, Paul Olivier, PE, James Ledet, PE, Kody Holley



17. Firm Experience:

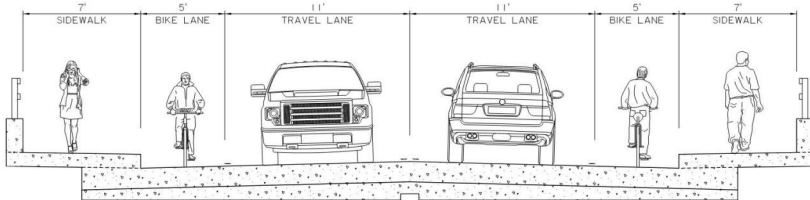
Firm name	Crescent Engineering & Mapping, LLC			Past Performance Evaluation Discipline(s)*	Road, Survey
McHugh Road over Brushy Bayou				Firm responsibility (prime or sub?)	Prime
Project number	H.014992	Owner's name	Louisiana Department of Transportation & Development (LADOTD)		
Project location	Baker, LA	Owner's Project Manager	Barbara Ostuno, P.E.		
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1047 barbara.ostuno@la.gov				
Services commenced by this firm (mm/yy)	12/22	Total consultant contract cost (\$1,000's)	\$147		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$135		

The McHugh Road over Brushy Bayou project involves the replacement of an existing 24' x 57', 3-span concrete bridge and adjacent shared use pedestrian/bicycle path in East Baton Rouge Parish near Baker, LA. Included in this Off-System Bridge Replacement (OSBR) project are associated roadway and sidewalk/pedestrian facility reconstruction. The replacement structure will include **7' wide cantilever sidewalks and 5' bike lanes on both sides of the roadway**, meeting LADOTD and EBR Complete Streets policies. The project includes topographic surveys, bike lane and sidewalk design, bridge design, roadway design, and environmental.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analysis, roadway design, bridge design, sidewalk/bike path design, and roadway/bridge plan production. Hydraulic analysis was performed using HEC-RAS as well as LADOTD HYDRWIN programs for storm drainage networks. All LADOTD design criteria, Complete Streets policies and plan production requirements including Bentley Microstation/Inroads and CadConform are being followed per LADOTD contract requirements.

Crescent has completed survey, hydraulics, and the 90% Preliminary Plans. Final Plans will begin after the PIH meeting in August 2023.

Team Members Highlighted in this Proposal: Dennis Hymel Jr., PE, Abbey Falcon, P.E., Paul Olivier, P.E., Matthew J. Ledet, PLS, Kelly Jones, Luke Bourg, James Ledet, PE, Will Cupit



17. Firm Experience:

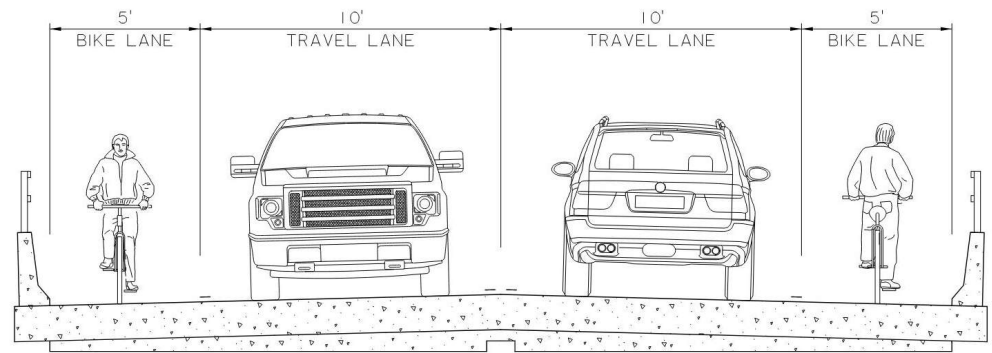
Firm name	Crescent Engineering & Mapping, LLC		Past Performance Evaluation Discipline(s)*	Road, Survey
Rousseau Rd. over Tchefuncte River			Firm responsibility (prime or sub?)	Prime
Project number	EN22000181	Owner's name	St. Tammany Parish Government	
Project location	Covington, LA	Owner's Project Manager	Jason Cambre, P.E.	
Owner's address, phone, email	21454 Koop Drive, Mandeville, LA 70471 985-898-2552 jpcambre@stpgov.org			
Services commenced by this firm (mm/yy)	05/22	Total consultant contract cost (\$1,000's)		\$249
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$192

The Rousseau Rd. bridge project over the Tchefuncte River involves the replacement of a 4-span structurally deficient bridge near Covington, LA with a new 6-span, 30' clear concrete bridge, set on new alignment with **5' bike lanes on each side of the roadway**. The project includes topographic surveys, property surveys & R/W maps, bridge design, roadway/bike lane design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD design and Complete Streets requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analyses and modeling, roadway/bike lane design, bridge design, utility surveys and roadway/bridge plan production. The project's topographic survey (170' x 2200' DTM) was conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis was performed using HEC-RAS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads and CADConform due to anticipated federal funding.

Crescent has completed the surveys, hydraulics, Preliminary Plans, Environmental and R/W Maps. Final Plans are due in October 2023.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., PE, Abbey Falcon, PE, Paul Olivier, PE, Matthew J. Ledet, PLS Kelly Jones, Luke Bourg, James Ledet, PE, Kody Holley



17. Firm Experience:

Firm name	Crescent Engineering & Mapping, LLC			Past Performance Evaluation Discipline(s)*	Road, Survey
St. James Parish FY2022 & 2023 Roadway Program				Firm responsibility (prime or sub?)	Prime
Project number	22-01, 23-01	Owner's name	St. James Parish Government		
Project location	St. James, LA	Owner's Project Manager	Dustin Falgoust		
Owner's address, phone, email	5800 LA Hwy 44, Convent, LA 70723 225-264-7028 dustin.falgoust@stjamesparishla.gov				
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)		\$378	
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)		\$354	

Crescent is the prime consultant for St. James Parish's FY2022 & FY 2023 Roadway, Parish-wide. The project involves the reconstruction, and rehabilitation of roadways throughout the Parish **including curb/gutter, driveways, parking, ADA compliance and pedestrian accommodations**. Also included are the required topographic surveying and geotechnical services for design as well as construction support.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for reconnaissance of the Parish roadway network, public outreach, roadway prioritization, assistance in the selection of roadways for the program, topographic surveys, roadway design and utility surveys/coordination. Overall, the project encompasses nearly **10 miles of roadway and individual sites, paths and parking areas**. The topographic survey was completed using LADOTD survey codes and procedures for control establishment with all survey data processed in Microstation/Inroads using LADOTD processing procedures. The project's design drawings are also being developed as traditional roadway plan and plan/profile sheets using Bentley Microstation/Inroads prepared in accordance with LADOTD procedures. Construction Cost was \$4.2 million.

Crescent has completed all surveying and design for both bid packages. FY2022 package construction was completed in March 2023 and FY 2023 package is currently in construction, estimated to be completed in October 2023.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., PE, Abbey Falcon, P.E., Matthew J. Ledet, PLS, Kelly Jones, Luke Bourg, James Ledet, P.E., Paul Olivier, P.E., Kody Holley



17. Firm Experience:

Firm name	Crescent Engineering & Mapping, LLC			Past Performance Evaluation Discipline(s)*	Road, Survey
LA 3127 Widening (LA 20 to LA 3213)				Firm responsibility (prime or sub?)	Prime
Project number	TBD	Owner's name	St. James Parish Government		
Project location	Vacherie, LA	Owner's Project Manager	Ryan Larousse		
Owner's address, phone, email	5800 LA Hwy 44, Convent, LA 70723 225-206-1379 ryan.larousse@stjamesparishla.gov				
Services commenced by this firm (mm/yy)	04/22	Total consultant contract cost (\$1,000's)			\$1,225
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$785

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

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for all topographic surveying, hydraulic analysis and roadside drainage, Level 3 TMP, roadway design, utility coordination, permit drawings and agency coordination, subconsultant coordination, and plan production for Preliminary and Final plans. The topographic survey included a 350' wide DTM, nearly 5 miles in length, and was completed using LADOTD requirements and processed in Microstation/Inroads. The project's design and drawings are also being developed per LADOTD design guidelines and plan requirements using Bentley Microstation/Inroads, certified by CADConform. Construction cost is estimated at over \$12 million. Crescent has completed all surveying and the traffic study is near complete along with line & grade. Preliminary plans will begin in August 2023.

Team Members Highlighted in this Proposal: Dennis M. Hymel Jr., PE, Abbey Falcon, P.E., Matthew J. Ledet, PLS, Kelly Jones, Luke Bourg, Paul Olivier, P.E., Kody Holley, Will Cupit



17. Firm Experience:

Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental
LA 10 SPUR, LA 1042 Bridges Near Greensburg Rural Bridge Initiative			Firm responsibility (prime or sub?)	Sub
Project number	H.013982	Owner's name	Louisiana Department of Transportation & Development	
Project location	St. Helena Parish, LA	Owner's Project Manager	Andrew Ranck, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov			
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)	\$16	
Services completed by this firm (mm/yy)	01/22	Cost of consultant services provided by this firm (\$1,000's)	\$16	

Services Provided: wetland delineations, preliminary jurisdictional determination, United State Army Corps of Engineers (USACE) nationwide permit applications, threatened and endangered species research, Categorical Exclusions checklist (CE), and solicitation of views (SOV).

ELOS was contracted by Burke-Kleinpeter to provide environmental services for H.013982. The Louisiana Department of Transportation and Development (LADOTD) proposed the replacement of four existing bridges including one site at LA 1042 over Choctaw Creek, one site at LA 1042 over an unnamed creek, one site at LA 10 Spur over Raby Branch, and one site at LA 10 Spur over St. Joseph Branch in St. Helena Parish. **This project is one of many bridges part of the DOTD Rural Bridges Phase I projects, for which ELOS was the environmental consultant conducting the environmental reviews and documentation.** This project primarily involved wetland delineations and a wetlands finding report. Evidence observed and documented indicates that approximately 0.22 acre of the site location meets the established criteria to be considered "Section 404 wetlands." In addition, approximately 2.19 acre of this site meet the established criteria to be considered "other waters of the U.S." The DOTD will mitigate the wetlands impacted by construction activities for this project by minimizing impacts as listed in the Louisiana Standard Specifications for Roads and Bridges, 2016 edition, and mitigate for lost wetland habitats by reseeding with appropriate plants and seedlings. No threatened and endangered species surveys were required for this project.

Site 1. LA 1042/ Choctaw Creek: Recall No. 058492)

Site 2. LA 1042/ unnamed creek: Recall No. 058494

Site 3. LA 10 Spur/ Raby Branch: Recall No. 620045

Site 4. LA 10 Spur/ St. Joseph Branch: Recall No. 620046

Team Members Highlighted in this Proposal: Brian Fortson, Lucas Watkins, Basile Dardar



17. Firm Experience:

Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental
Rousseau Bridge Replacement			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	St. Tammany Parish Government	
Project location	St. Tammany Parish, LA	Owner's Project Manager	Shawn Hoover	
Owner's address, phone, email	21454 Koop Drive Mandeville, LA 70471, 985-898-2520, procuerment@stp.gov.org			
Services commenced by this firm (mm/yy)	06/2022	Total consultant contract cost (\$1,000's)	\$43	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$43	

ELOS was contracted by Crescent Engineering and Mapping LLC to provide environmental and cultural resource services for Rousseau Bridge Replacement in St. Tammany Parish. These services included preparing estimates of environmental mitigation costs, whereas ELOS estimated the cost of mitigation of any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. A wetland delineation was performed to establish an opinion on the presence and potential extent of jurisdictional "wetlands" and/or "other waters of the U.S." in accordance with the requirements of the USACE. A Phase I Environmental Site Assessment was conducted based on the information contained in the feasibility study. The Phase I ESA has four components: Records Review, Site Reconnaissance, Interviews, and Reporting. ELOS also provided invaluable cultural resource services, including a Section 106 Desktop Review, while coordinating with SHPO throughout the duration of the project timeline.

Team Members Highlighted in this Proposal: Brian Fortson, Lucas Watkins, Justin Daley, Basile Dardar



17. Firm Experience:

Firm name	ELOS Environmental, LLC			Past Performance Evaluation Discipline(s)*	Environmental
Savanne Road Bridge Over Hanson Canal				Firm responsibility (prime or sub?)	Sub
Project number	H.014267	Owner's name	Louisiana Department of Transportation & Development		
Project location	Terrebonne Parish, LA	Owner's Project Manager	Andrew Ranck, P.E.		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov				
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)	\$16		
Services completed by this firm (mm/yy)	N/A	Cost of consultant services provided by this firm (\$1,000's)	\$16		

Services Provided: Scenic Rivers and Streams Permits, USACE Permits, Wetland Delineation and Jurisdictional Determination, Threatened and Endangered Species, Solicitation of Views, and Categorical Exclusion Checklist.

ELOS was contracted by Infinity to provide environmental services for the improvement of DOTD Bridge Replacement projects. LADOTD proposed the replacement of the existing Savanne Road Bridge over Hanson Canal (**Recall No. 020165**) with a new concrete reinforced bridge at approximately 90° 48' 56.088" West and 29° 35' 37.308" North.

The existing bridge, located approximately 0.82 miles north of LA 182 in Terrebonne Parish, was recommended for replacement by the Louisiana Department of Transportation and Development (LA DOTD). The existing structure was a 4-span, 57-foot-long, and 24-foot-wide concrete bridge. The proposed action was to replace the existing bridge with three 20-foot spans, totaling 60 feet, with 3:1 riprap abutments and a proposed finished grade at branch crossing at 5.51 in accordance with current LADOTD and AASHTO guidelines.

This project included a wetland delineation and jurisdictional determination from the USACE, a Section 404 permit from the USACE, a scenic rivers and streams permit from the LDWF, and a threatened and endangered species survey for West Indian Manatees (*Trichechus manatus*). ELOS was also tasked with preparing and mailing the solicitation of views letters to the relevant agencies and responding to comments. This project qualified for a categorical exclusion (CATEX), meaning a detailed environmental analysis was not required. ELOS prepared and submitted the CATEX documentation.

Team Members Highlighted in this Proposal: Brian Fortson, Lucas Watkins, Basile Dardar



17. Firm Experience:

Firm name		Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*		Traffic
I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study					Firm responsibility (prime or sub?)	Sub
Project number	H.004957.5	Owner's name	Louisiana Department of Transportation & Development			
Project location	Lacombe, LA	Owner's Project Manager	Joachim C Umeozulu, P.E			
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1386, Joachim.Umeozulu@la.gov					
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost (\$1,000's)			\$1,895	
Services completed by this firm (mm/yy)	05/17	Cost of consultant services provided by this firm (\$1,000's)			\$84	

As part of the DOTD TIMED program, Vectura prepared a formal traffic study for the new alignment of LA 3241. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. The study included analyses for intersection and corridor improvements such as median openings, spacing of openings, signalized, unsignalized and roundabout intersections.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- 7-day (mainlines) and 2-day (side streets) 24-hour tube counts with vehicle classification
- 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

Task 2 Traffic Study

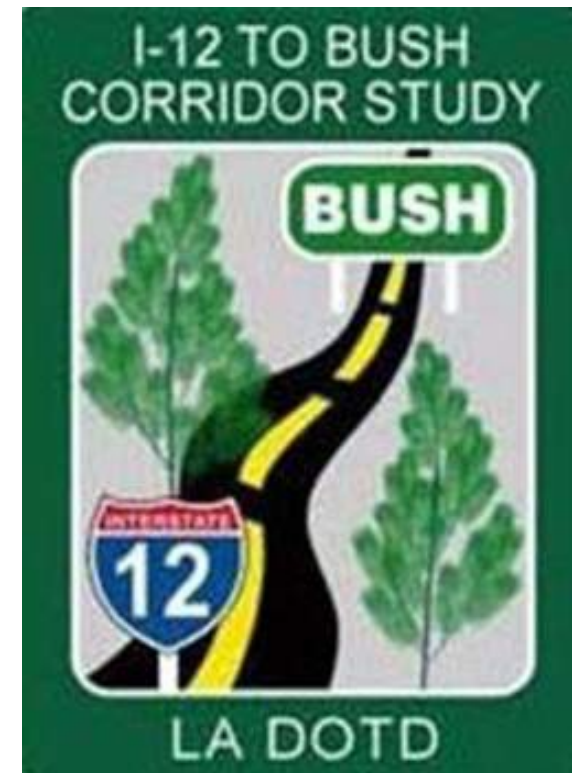
This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for Implementation and Design Years.
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections, median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts
- Developed Vissim model of the preferred corridor layout
- Developed Draft Traffic Study Report (3 copies)

Task 3 Safety Analyses

- Developed 3-year crash analyses report as per DOTD standards

Team Members Highlighted in this Proposal: Brin Ferlito, Laurence Lambert, Reece Rodrigue



17. Firm Experience:

Firm name		Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*		Traffic/Planning	
East Baton Rouge Parish MOVEBR (\$912 Million Dollar) Program				Firm responsibility (prime or sub?)		Sub	
Project number	CP No. 19-CS-HC-0001	Owner's name		East Baton Rouge Parish			
Project location	Baton Rouge, LA		Owner's Project Manager		Tom Stephens, PE		
Owner's address, phone, email	1100 Laurel Street Baton Rouge, LA 70802, (225) 389-3186 ext 5634, TStephens@brla.gov						
Services commenced by this firm (mm/yy)	07/19	Total consultant contract cost (\$1,000's)			unknown		
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)			\$873		

As part of the East Baton Rouge Parish MOVEBR (\$912 Million Dollar) Program, Vectura currently provides traffic engineering services for all Capacity Projects. Vectura routinely collaborated with EBR Parish and DOTD Stakeholder such as Section 27, Safety Section, and DOTD District 61. The primary task was to peer review all traffic-related deliverables from consultants for 25 capacity projects to date that include pedestrian and bicycle accommodation. Submittal review in various stages included but not limited to the following:

Scope

- Purpose and need, contract scopes, manhours and fees

Data Collection

- Raw tube counts, peak period determination, signalized / unsignalized intersection turning movement counts, unmet demand, explanation for any count discrepancies, speed data, peak period observations, geometric field documentation, sight distance, warrants analyses

Design Year Volume Development

- Travel Demand Model data, Growth rate methodologies in accordance with NCHRP 765, design year volume development

Existing and No Build Analyses

- HCS, Synchro, SIDRA, VISSIM, analyses for existing and No Build conditions based on traffic volumes, lane usage, truck percent, required SIDRA roundabout settings, speed, and Traffic Signal Inventory form information
- CATScan, collision diagrams, conflict points, crash analyses report as per DOTD standards
- Defined problems

Tier 1

- Preliminary high-level list of alternatives based on defined problems and established comparison criteria.

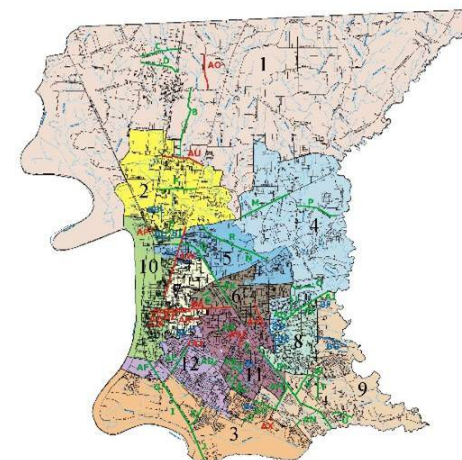
Build Year Alternative Analyses

- Reviewed traffic volume redistribution, alternative conceptual layouts included access management, restricted median openings, signalized /unsignalized intersections, median U-turns at existing signal locations, RCUT intersections, and roundabouts
- Turn lane calculations, AutoTURN, construction cost estimates

Design

- Developed specifications for ADA compliant traffic signal with pedestrian heads, pedestrian hybrid beacons and rectangular rapid flashing beacons
- Confirmed design plans matched recommendations in the Traffic and Design Studies
- Reviewed construction plans including geometric layout, striping, signs, roundabout and traffic signal design
- Plan in Hand, coordinated with EBR TED, DOTD, utilities, consultant team

Team Members Highlighted in this Proposal: Brin Ferlito, Laurence Lambert, Bridget Robicheaux, Reece Rodrigue, Kristen Farrington and Clara Foshee (100% performed in Louisiana)



MOVEBR

17. Firm Experience:

Firm name		Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*		Traffic/ Planning
LA 1 at LA 990 Crosswalk Study and Traffic Signal Design					Firm responsibility (prime or sub?)	Prime
Project number	H.011558	Owner's name	West Baton Rouge Parish Government			
Project location	Addis, LA	Owner's Project Manager	Kevin Durbin, PE, AICP			
Owner's address, phone, email	880 N. Alexander Avenue Port Allen, LA 70767 (225) 336-2434 Kevin.Durbin@wbrCouncil.org					
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)	\$22			
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm (\$1,000's)	\$22			

Vectura was hired by West Baton Rouge Parish to perform a Crosswalk Traffic Engineering study and to develop Traffic Signal Design plans for the intersection of LA 1 and LA 990 (Addis Lane) in Addis, LA. The crosswalk was first conceptualized as part of a trail that connects the Mississippi River Trail to points west of LA 1 in the West Baton Rouge Parish Comprehensive Plan (PlanWEST) dated 9/22/11 as well as included in a Stage 0 report titled CMAQ Proposal WBR-2 dated 04/30/14.

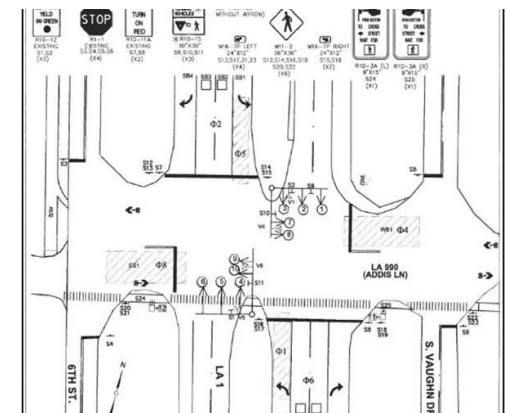
A Crosswalk Traffic Engineering Study was performed based on the Traffic Engineering Manual (TEM) Section 3B.2.9, Section 20.2 & EDSM VI.3.1.6 Section 5 and included the following elements:

- Collected 24-hour traffic approach volumes, speed data, crash history and sight distance
- Collected AM and PM peak hour vehicle and pedestrian turning movement counts
- Developed safety analyses using 3-year crash data from Crash1 as per DOTD standards
- Performed pedestrian crosswalk warrants as per TEM Section 3B.2.9
- Performed AM and PM Peak signal timing and progression for existing conditions
- Performed AM and PM Peak signal timing and progression for future conditions

Traffic Signal Construction Plans was performed for LA 1 at LA 990 based on the latest DOTD Traffic Signal Inventory v3.2, DOTD Signal Design Manual, MUTCD & EDSM VI.3.1.6 Section 5. This task included signal timing parameter calculations, signal equipment layout, wiring diagram, DOTD pay items, estimated quantities and construction cost.

Vectura also assisted with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.

Team Members Highlighted in this Proposal: Brin Ferlito, Reece Rodrigue, Laurence Lambert and Bridget Robicheaux (100% performed in Louisiana)



17. Firm Experience:

Firm name	CARBO Landscape Architecture		Past Performance Evaluation Discipline(s)*	Other (L.A)
Nicholson Gateway Streetscape Improvements			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Louisiana State University – Baton Rouge	
Project location	Baton Rouge, Louisiana	Owner's Project Manager	Dennis Mitchell (Asst. Dir. - Campus Planning)	
Owner's address, phone, email	Facility Services Building 498 Fieldhouse Drive Baton Rouge, LA 70803			
Services commenced by this firm (mm/yy)	03/15	Total consultant contract cost (\$1,000's)	\$1,100	
Services completed by this firm (mm/yy)	08/18	Cost of consultant services provided by this firm (\$1,000's)	\$60	

The Nicholson Drive Streetscape project was the first phase of a multi-phased, mixed-use development that established a stronger identity for the LSU campus along Nicholson Drive. The site previously included a large, surface parking lot, and several Campus Housing buildings, and was the former home of Alex Box Stadium. Nicholson Drive (LA 30) is a major thoroughfare between south Baton Rouge and downtown Baton Rouge, and it passes through the western part of the main LSU campus. As such, this project establishes a strong identity for the LSU campus entrance, improves pedestrian safety, increases ADA accessibility, and introduces traffic calming.

Improvements to Nicholson Drive within this area include street realignment and median enhancements, storm drainage improvements, new pedestrian sidewalks and crosswalks, and renovated landscaping along the edges and in the median.

Team Members Highlighted in this Proposal: Zach Broussard, Danielle Griffin



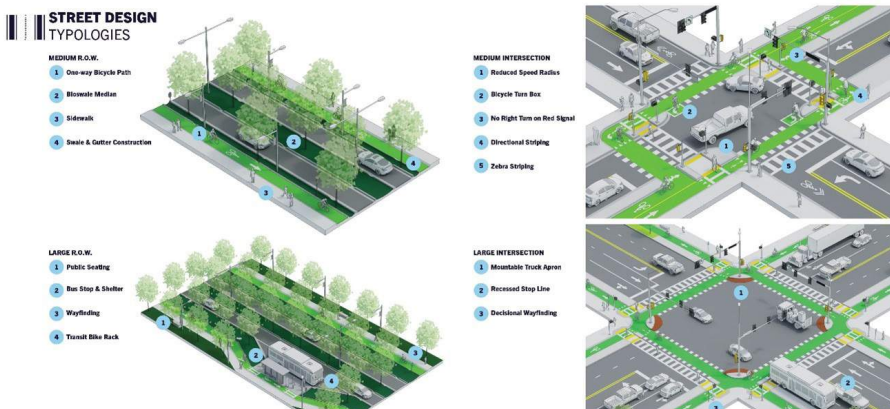
17. Firm Experience:

Firm name	CARBO Landscape Architecture		Past Performance Evaluation Discipline(s)*	Planning, Other (L.A.)
Bicycle Lafayette: Master Plan			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Lafayette Consolidated Government	
Project location	Lafayette, Louisiana	Owner's Project Manager	Cathie Gilber	
Owner's address, phone, email	705 W. University Ave. Lafayette, LA 70506 337-291-7358			
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)	Unknown	
Services completed by this firm (mm/yy)	08/22	Cost of consultant services provided by this firm (\$1,000's)	\$25	

The Bicycle Lafayette Master Plan provides a plan and strategies to build a connected, safe, comfortable, and equitable bicycle system. The design team completed the document to demonstrate data and public input, bicycle network design, and wayfinding elements for a complete and comprehensive system. Data was first collected and diagrammed through a series of maps and layered to inform design layout for routes that would create the Bicycle Lafayette network. A charrette, community meeting, and public questionnaire were then employed by CARBO and the design team to gather invaluable experiential data and opinions from the communities Bike Lafayette will serve. An easy to follow, color-coded bicycle route system was then created based on all data and public input gathered. The document uses various graphic elements to illustrate the building blocks for a complete bicycle network through various scales of street sections, intersection designs, and supporting streetscape components.

The Bicycle Lafayette Master Plan is a forward-thinking document that provides the city with an implementable plan. CARBO is currently working on construction documentation for the first phase, Véloop, with plans for construction in early 2023. CARBO believes Bicycle Lafayette's strength is found in the community that helped shape it and the community that it will serve.

Team Members Highlighted in this Proposal: Zach Broussard, Danielle Griffin



17. Firm Experience:

Firm name	CARBO Landscape Architecture		Past Performance Evaluation Discipline(s)*	Other (L.A.)
Harveston Development – Bluebonnet Streetscape Schematics			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Talon Management	
Project location	Baton Rouge, Louisiana		Owner's Project Manager	Delores Brewer (Fmr. Capital Proj. Coord.)
Owner's address, phone, email	1700 City Farm Drive 225-247-3770 ty@talonres.com			
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)		\$16

As part of the overall planning for the Harveston Development, a renovation to Bluebonnet Boulevard will be completed. The scope of work will include the incorporation of a new central median, turn lanes, and two new roundabouts.

CARBO is leading the design for the streetscape planting and multi-use pathways.

Team Members Highlighted in this Proposal: Zach Broussard, Danielle Griffin



17. Firm Experience:

Firm name	Marrero, Couvillon & Associates, LLC			Past Performance Evaluation Discipline(s)*	Other (Lighting)
MOVEBR - Bluebonnet Blvd (Perkins to Picardy) Lighting Design				Firm responsibility (prime or sub?)	Sub
Project number	800003137	Owner's name	City/Parish East Baton Rouge		
Project location	East Baton Rouge Parish		Owner's Project Manager	Kate Prejean (HNTB)	
Owner's address, phone, email	10000 Perkins Rowe, Suite 640, Baton Rouge, LA 70810, 225.368.2818; kbprejean@hntb.com				
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost (\$1,000's)			\$19M
Services completed by this firm (mm/yy)	On-Going	Cost of consultant services provided by this firm (\$1,000's)			\$59

The scope of work includes additional lane capacity in each direction. Bluebonnet Boulevard is two lanes in each direction currently. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the entire corridor. The project will add an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. Lighting and electrical design is ongoing, and provides new low-mast lighting utilizing LED fixtures on aluminum poles with breakaway bases, and will cover the entire stretch of roadway from Perkins Road to Picardy Ave. All photometric analysis was performed using Agi32 and approved by MoveBR. The lighting levels were determined from the traffic analysis and supported the increased pedestrian and bicycle traffic anticipated with the installation of new sidewalks and bike lanes. Kimball Schlafly is providing the electrical design and project management.

Team Members Highlighted in this Proposal: Kimball Schlafly, Sr. Electrical Engineer

17. Firm Experience:

Firm name	Marrero, Couvillon & Associates, LLC		Past Performance Evaluation Discipline(s)*	Other (Lighting)
I-10 Highland to LA 73 Design-Build Project			Firm responsibility (prime or sub?)	Sub
Project number	800003137	Owner's name	East Baton Rouge Parish	
Project location	Ascension and East Baton Rouge Parish		Owner's Project Manager	Robert Lear, P.E. (Sigma)
Owner's address, phone, email	10305 Airline Highway, Baton Rouge, LA 70816, (225) 298-0800 rlear@sigmacg.com			
Services commenced by this firm (mm/yy)	07/17	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm (\$1,000's)		\$48

MCA scope of services was to provide electrical engineering and design for lighting for the I-10 widening project from Highland to LA 30 design-build. The proposed lighting improvements included the replacement and upgrade of roadway lighting at locations of pre-existing lighting where the illumination and underpass lighting which will no longer meet standards or functionality due to modifications of the existing roads, bridges, alignment, and geometry of this project.

Team Members Highlighted in this Proposal: John Hamm. – Electrical Engineer; Christian Schade, P.E. – Sr. Electrical Engineer

17. Firm Experience:

Firm name	Marrero, Couvillon & Associates, LLC			Past Performance Evaluation Discipline(s)*	Other (Lighting)
I-20 Widening (Wells Rd. to LA 34)				Firm responsibility (prime or sub?)	Sub
Project number	4400024307	Owner's name	Louisiana Department of Transportation		
Project location	East Baton Rouge Parish		Owner's Project Manager	Jesse Tisdale (Stanley Group)	
Owner's address, phone, email	721 Government St, Suite 302 Baton Rouge, LA 70802; 225.388.4220; tisdalejesse@stanleygroup.com				
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost (\$1,000's)			\$33 M
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)			\$368

The scope of work is to provide additional traffic capacity in each direction. This will be accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards. The project is being designed and administered by Kimball Schlafly and is ongoing at this time.

Team Members Highlighted in this Proposal: Kimball Schlafly, P.E. – Project Manager; Christian Schade, P.E. – Sr. Electrical Engineer

SECTION 18

NO
MOTOR
VEHICLES

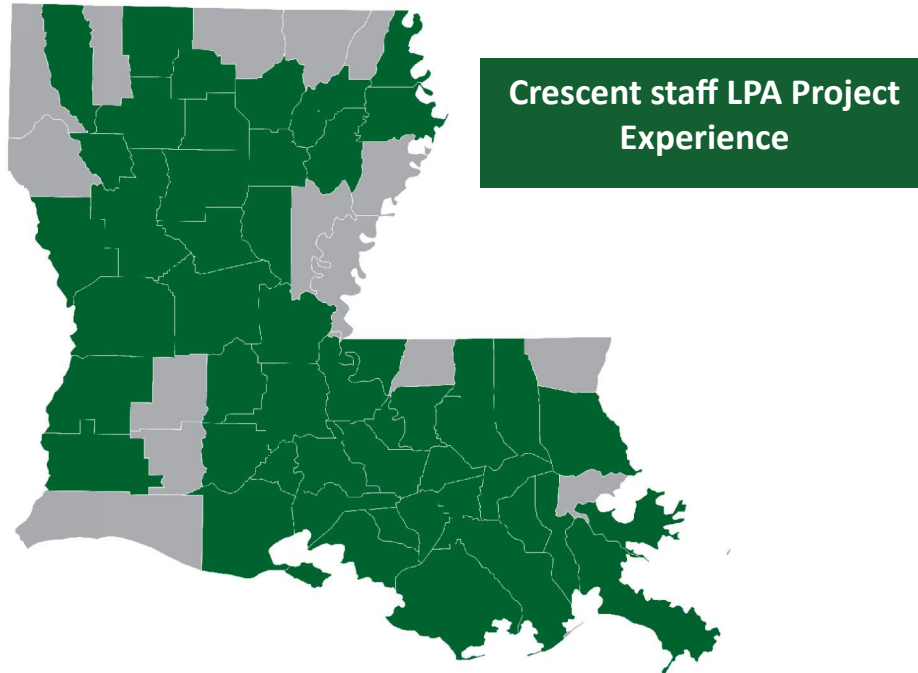
W. 15th Ave. Bridge and Bike Path
Covington, LA
Engineer of Record: Paul I. Olivier, P.E.

18. Approach and Methodology:

INTRODUCTION

The staff at Crescent Engineering & Mapping (Crescent) offers a combined over **100 years' of DOTD Roadway Design, surveying, and related experience** with a proven record of project delivery for DOTD on a variety of projects ranging from very small to large. Our staff has led the delivery of DOTD projects **throughout the project lifecycle** from Stage 0 and feasibility, to environmental, surveying, roadway plan production and construction support. Crescent has an acute, thorough knowledge of all DOTD procedures and manuals from Stage 0 to Location & Survey, roadway, bridge design and environmental. Our team brings forth this DOTD programmatic knowledge to the Local Public Agencies (LPA's) as a bridge between their needs and the requirements of DOTD and FHWA in delivering projects for this program.

Crescent's team is led by **Dennis Hymel, Jr., P.E.** and **Paul I. Olivier, P.E.** who have **led the design for numerous LADOTD projects**, including roadway, pedestrian/bicycle improvements, intersection improvements, bridge, surveying, planning, environmental. In addition, Crescent's staff have worked closely with LPA's throughout the state on both LADOTD and local projects of their own, **offering a unique ability to deliver projects for LADOTD with significant LPA involvement, statewide.**



Crescent's QC Manager, **James "Jimmy" Ledet, PE** has been involved in **DOTD and local projects since 1986**, providing a wealth of knowledge to this program. Crescent's team includes **ELOS Environmental, Vectura** who will provide all traffic services as well as specialists **Marrero Couvillon & Associates** and **CARBO Landscape Architecture** to assist with any lighting and Landscape Architecture, respectively, as needed per Task Orders.

LADOTD TAP PROGRAM UNDERSTANDING & GOALS

The LADOTD Transportation Alternative Program (TAP) goals are to achieve a more balanced transportation system including pedestrians and bicyclists. TAP projects may also include long-distance trails, "rails to trails" conversion of abandoned railroad corridors, scenic viewing, and other community projects.

At the heart of the program are the bi-annual applications from LPA's in response to a "call for projects" as well as LPA involvement throughout the planning and design process, while utilizing state and federal funding. This results in projects being brought forth by LPA's that require various amounts of scope preparation, analysis and vetting of alternatives, impacts, and costs in order to prioritize projects and ensure eligibility for federal funding.

A cornerstone of success for this first-time IDIQ will be not only the planning and design of projects from the current 2023 Call for Projects, but moreover, providing technical assistance to the LPA's early in the process of the next Call for Projects. **The ability to connect with, gather input from and understand the needs of the local community will be paramount** for the selected consultant(s). This early assistance to the LPA's can produce projects of **increased benefit, efficiency, priority and expedited delivery**, especially with a local, well-rounded, delivery focused partner such as Crescent.

LADOTD & LPA KICKOFF MEETING

For projects already programmed, upon receipt of the NTP, Crescent will meet with the TAP Program Manager and staff to discuss the project, review the schedule, receive information, review any program guideline changes, invoice requirements, and establish communication protocols. Our project schedule will be based on critical path items with concurrent items being utilized to **expedite project delivery.**

Crescent will **meet with LPA representatives and conduct a thorough site visit** to confirm project limits, goals and changes from the application stage. Planned corridor improvements, utilities, traffic pattern changes, special restrictions and corridor users will be discussed. Meeting minutes for both meetings will be provided within 3 days of the meeting for review.

18. Approach and Methodology:

STAGE 0: PROJECT FEASIBILITY

New projects under consideration will require various levels of feasibility analysis including Traffic Studies, Bicycle/Pedestrian Plan Development, and Technical Assistance to the LPA during the consideration of projects. LADOTD Stage 0 and Environmental checklists will be prepared at the end of this stage.

Traffic Studies

Vectura Consulting Services, LLC (Vectura) will prepare all traffic studies and related work. Vectura's engineers are certified in the three (3) LADOTD Traffic Engineering Process and Report (TEPR) courses. Vectura's Principal, **Laurence Lambert, II, P.E., PTOE, PTP** is the former chair and current member of the **EBR Complete Streets Citizens Advisory Committee** as well as the **LADOTD Complete Streets Advisory Council**, providing Crescent's team with unmatched access to the current state of the practice for Complete Streets. Vectura's staff will engage in all LPA/stakeholder meetings throughout project development. Anticipated traffic analysis may involve traffic counts, speed studies, signal analysis and modification, flashing beacons, cross walks and other traffic control devices related to bicyclist and pedestrians. Traffic studies will be conducted in accordance with LADOTD TEPR requirements. Task 1.0/2.0 – Data Collection will obtain all preexisting traffic, pedestrian, bicycle, and safety data as well as collecting new data that will be needed to complete the study. Coordination with LADOTD, the MPO and the LPA will be critical regarding previous studies, data locations, required years for safety analysis, future projects, peak period determination and confirmation of model results. Task 3.0/4.0 – Existing, Tier 1 and Tier 2 will involve analyzing the existing and No Build conditions for capacity and safety issues using DOTD approved software. Analysis results and impacts to utilities, R/W, environmental impacts will be used to develop the Tier 1 matrix and move forward alternatives to be considered in the Tier 2 analysis, as well as illustration of alternatives to be discussed with DOTD and the LPA. Task 5.0/6.0 – Tier 2 Analysis and meeting will consist of a more in-depth evaluation of the alternatives from the Tier 1 including re-distributed build volumes for each alternative, conceptual layouts, lane usage, bicycle and pedestrian accommodations. The Tier 2 presentation to DOTD and the LPA will provide an overview of results and the basis of the final project layout.

Bicycle/Pedestrian Plan Development

For Task Orders requiring an overall Bicycle and/or Pedestrian plan, Crescent will meet with the TAP Program Manager to gather program objectives, as well as meet with the LPA to review community needs, gather input, establish goals and objectives of their project concepts. Meetings and/or site visits will be used to **connect with and understand the perspective of multiple local**

officials and community leaders. After early coordination, we will determine which performance measures and selection criteria will be utilized to screen potential projects and determine priority of current and future projects. Next, the projects will be reviewed and analyzed technically, to **determine eligibility, impacts, benefits, constructability, and costs.** Projects can be presented graphically with conceptual designs and/or renderings.



Crescent's team can prepare similar renderings for public outreach and consideration by the LPA and community. Source: CARBO

These elements and major environmental impacts including historical structures, Section 106 properties, etc. will be included in an evaluation matrix based upon the previously outlined performance measures and screening criteria to select projects which best utilize the funding available and best serve the community. Public meetings can also be held to gather input from and present findings to the LPA. All master planning will incorporate LADOTD Complete Streets and local government policies.

Technical Assistance

As mentioned previously, **providing assistance to the LPA's** during the initial development of TAP projects and bi-annual TAP applications **is the foundation of success for this program.** Many LPA's throughout the state lack the in-house and/or local resources to review and conceptualize projects, determine impacts, costs and eligibility, and then finally, to screen/compare projects, determine implementation strategies, priorities, and prepare competitive applications for funding. **Our team's extensive knowledge of LADOTD processes and ability to connect with local agencies statewide will serve to "bridge the gap" between the LPA and LADOTD/FHWA** as we put our knowledge in planning, feasibility, design, construction and LADOTD/FHWA processes to work for the LPA. This will ultimately develop a better TAP program by **producing project applications of increased benefit, efficiency, priority, decreased impacts, and expedited delivery.**

18. Approach and Methodology:

STAGE 1: PLANNING/ENVIRONMENTAL

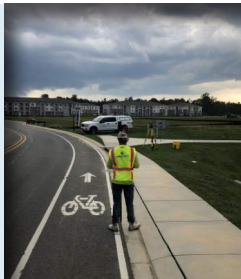
After project feasibility is completed, environmental review and permitting will begin at the appropriate design stages. It is anticipated that early review of major environmental issues will be identified and screened during feasibility, and potentially avoided, but mitigated if necessary. Afterwards, our team, assisted by ELOS Environmental, will begin issuing Solicitation of Views (SOV's) and gathering input from project stakeholders. Responses will be logged and all loops closed on SOV responses. Environmental field work will begin with wetlands delineations, Threatened and Endangered Species, and Phase I Cultural Resource surveys, if needed. If required, our team can respond to requests by SHPO and conduct standing structures surveys, Phase I CRS, Phase II Archeological testing and provide the appropriate documentation. Our team will prepare permit drawings, sketches and other information necessary for regulatory permitting including permit applications to the US Army Corps of Engineers (USACE), LADNR, local Coastal Zone boards, Levee Boards and any other agencies having jurisdiction over the work. LADOTD Environmental Checklists will be completed and NEPA documents can also be prepared, if requested. Crescent and ELOS have **worked successfully in the past to environmentally clear** federally funded projects and obtain permits on a multitude of state and local projects.

STAGE 3: DESIGN - SURVEYING SERVICES

Crescent will provide the **topographic surveys in-house, offering a distinct advantage for scheduling and delivery.** Crescent's engineering staff works closely with survey staff during this phase to ensure that all required data is collected. GPS control will be established using control points set in concrete with digital levels run between these points.

Crescent Engineering & Mapping SURVEY ADVANTAGE

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



Once control sketches are approved, topographic surveys will continue for the project area using Trimble® Robotic Total Stations for all hard surfaces to achieve accuracy needed for construction and ADA compliance. Additional data points needed for .DTM break lines and surface anomalies will be collected.

Survey data will be processed in Bentley Microstation/Inroads daily and reviewed for completeness prior to preparation of survey deliverables. The

survey submittal will include all items required by the LADOTD Location & Survey Manual. Surveys will undergo extensive QC/QA by both the survey and engineering teams prior to submittal. If needed, **Crescent can also provide property surveys and Right of Way mapping in-house** for projects in need of additional R/W or servitudes.

STAGE 3: DESIGN - PRELIMINARY & FINAL PLANS

After surveys are approved by DOTD, Crescent will begin the preparation of Preliminary Plans. All designs will be in accordance with the AASHTO's A Policy on Geometric Design of Highways and Streets, DOTD Complete Streets policies and the LADOTD Roadway Design manual. Bicycle facilities will be designed in accordance with AASHTO's Guide for Development of Bicycle Facilities, and pedestrian facilities will be designed to meet the requirements of the Americans with Disabilities Act (ADA).

Design Reports & Design Criteria

Crescent will review the project area, goals and objectives to establish preliminary design criteria. Design exceptions and/or waivers will be identified early and documented. Design Report Forms will be submitted for review and approval, guiding the remainder of plan development.

Hydraulics Analysis

If drainage adjustments are required, Crescent will begin the hydraulics analysis by reviewing additional data including topographic maps, FEMA Firm maps, USGS Quadrangle maps and LiDAR to delineate drainage areas. Drainage will be modeled using a suite of software including LADOTD's HYDRWIN 1110-6020 and HECRAS, if needed. Hydraulic design will be conducted in accordance with the LADOTD Hydraulics Manual and the results prepared in report format.

Utilities

Above and underground utilities can significantly impact any TAP project as designs are preferred to fit within the existing R/W. Crescent's staff has a tremendous amount of experience with Subsurface Utility Engineering (SUE) and will utilize this experience early in the design process to identify, avoid and mitigate utility conflicts. If conflicts exist, Crescent will prepare utility conflict matrices, meet with utility owners and the LPA, and develop avoidance and mitigation strategies to maintain project delivery.

Crescent Engineering & Mapping ADVANTAGE

- ✓ Experience with LPA's statewide
- ✓ In-house survey resources
- ✓ Extensive staff history with LADOTD
- ✓ Commitment to LADOTD processes
- ✓ LADOTD Specific LPA training
- ✓ Experienced Personnel, Compatible Firm

18. Approach and Methodology:

Preliminary Plans

Upon approval of design reports and criteria, preliminary plans will be developed including the roadway horizontal and vertical geometry, drainage, sidewalks/bike paths, cross-sectional geometrics and transitions. The roadway, sidewalks and/or bike paths and drainage will be modeled in Bentley Inroads to determine the limits of construction. Plans will be developed in accordance with LADOTD plan preparation guidelines. If Design Exceptions or Waivers are needed, Draft forms will be submitted early for review by DOTD and the LPA. Plan comments will be documented, with comment dispositions noted by reviewers and designer responses. The roadway model, typical sections, plan & profiles, sidewalk/bike path details, summary of estimated quantities, and construction signing will continue to be developed at each stage. Standard Plan lists, cost estimate, PIH checklist and the Constructability & Biddability Review form will be provided. Crescent will attend the Plan in Hand meeting onsite with DOTD and the LPA. Meeting notes will be provided within three (3) days. Items discussed at the PIH meeting will be addressed in the 100% Preliminary Plans and submitted with the environmental package along with the sealed Design Report forms, waivers and exceptions. The Level 1 or Level 2 TMP checklists will also be prepared and submitted.

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

Final Plans

Following environmental clearance and NTP for Final Plans, Crescent will develop any additional plan sheets required including details, geometric layouts, graphical grades, erosion control plans, joint layout, curb details, quantity summary sheets. Comments from the 60% Final Plans will be reviewed with LADOTD and addressed. Additional details, notes or changes will be completed. The ACP Plans will be provided to the Plan Quality Unit (PQU), if necessary. **Crescent’s staff have received few comments from PQU on previous LADOTD projects.** An ACP review meeting will be held to ensure all comments are addressed. Upon resolution, a 98% Final Plan set will be prepared for review by the Chief Engineer and use by General Files to prepare the proposal. Crescent has experience inputting SEQ data into AASHTOWARE and can assist with this, if necessary.

Crescent will provide the 100% Final Plans for Chief Engineer signature. This submittal will be prepared once all comments are addressed from task managers, PQU and/or the Chief Engineer. Design Exceptions will be noted on the Title Sheet. A bound calculations book will be prepared and submitted with the original survey field books.

Bridge & Specialty Services

If pedestrian bridges, bridge widening for walks/paths, RCB extensions, guardrail modifications, etc., are required, **Crescent has the experience and available staff in-house to provide bridge design elements** per LADOTD and AASHTO requirements. If other project amenities such as landscaping or lighting are required for a Task Order, our team has these capabilities as well with LADOTD experience in these arenas being provided by MCA and CARBO.

QUALITY CONTROL AND QUALITY ASSURANCE (QC/QA)

Proper QC/QA is a critical component of any successful project and Crescent has designated a QC/QA manager for the project, **James “Jimmy” Ledet, PE**, with **45 years of experience involving LADOTD and LPA projects**. Each submittal will be accompanied by LADOTD QC/QA certification forms along with comment resolutions in Crescent’s Design Comment Review forms.

LETTING

Crescent will respond to Falcon questions and assist LADOTD during letting. Upon receiving the bid results and tabulations, Crescent will provide additional information to LADOTD as needed regarding contract award, etc.

STAGE 5: CONSTRUCTION

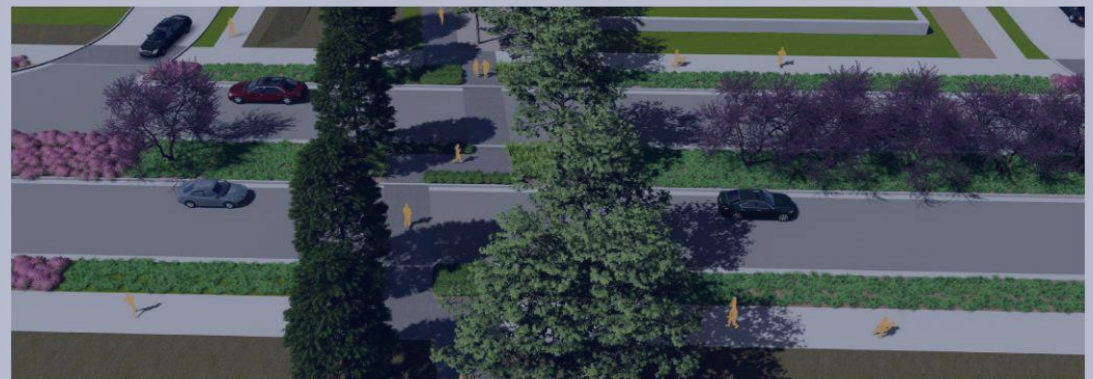
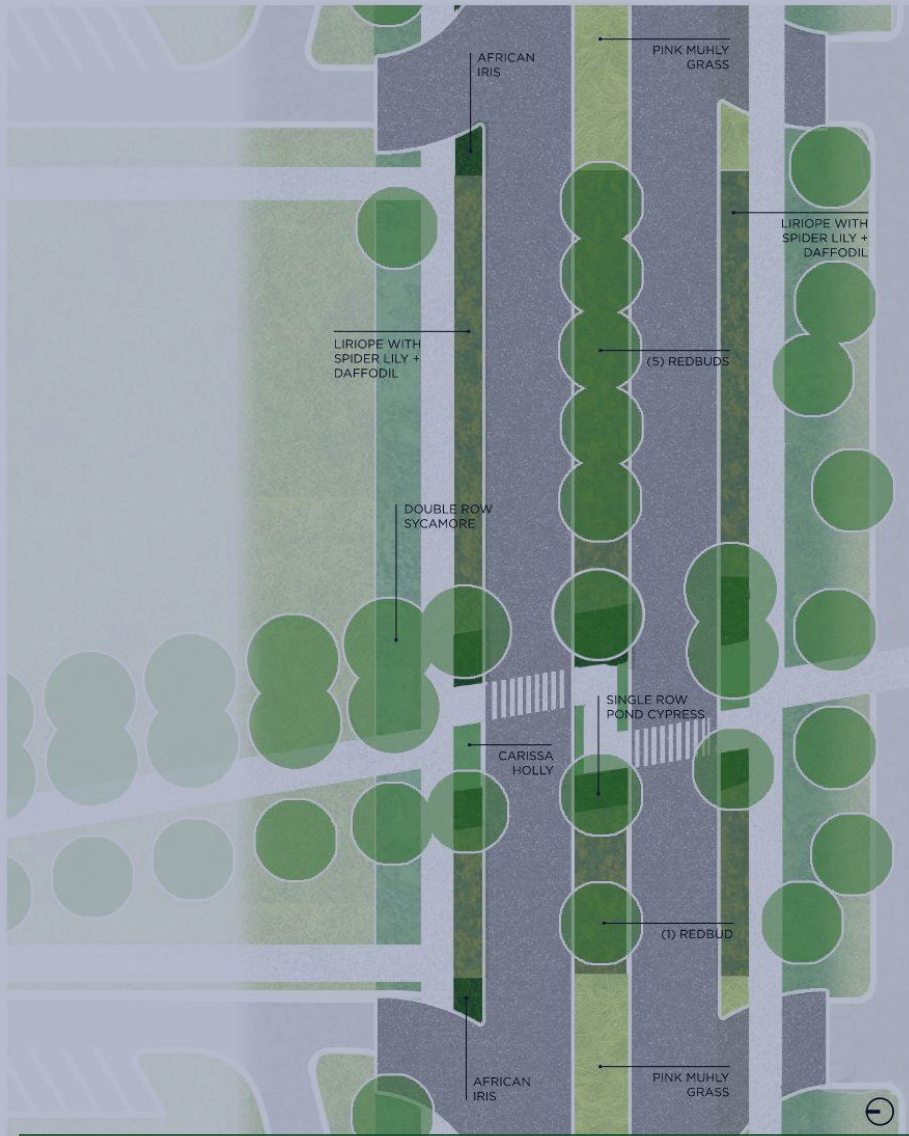
Our team will be available to provide LADOTD with Construction Support (if necessary) by assisting with RFI’s, reviewing shop drawings, evaluating contractor submittals, attending meetings, and providing design review assistance as needed during construction.

PROPOSED PROJECT SCHEDULE (STAGE 3 ONLY)



SECTION

19-23





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	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Road	44-24585; H.014980	Chinaberry Drive Over Unnamed Coulee	\$1,644
	Bridge	44-24585; H.014980	Chinaberry Drive Over Unnamed Coulee	\$885
	Road	44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	\$14,163
	Bridge	44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	\$7,626
	Road	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$14,179
	Bridge	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$7,635
	Road	44-24592; H.014993	Lemon Road Over Drainage Bayou	\$1,217
	Bridge	44-24592; H.014993	Lemon Road Over Drainage Bayou	\$656
	Road	44-25054; H.015025	McLin Road Over Darling Creek	\$26,293
	Bridge	44-25054; H.015025	McLin Road Over Darling Creek	\$14,158
	Environmental	44-25041; H.015429	DOTD IJJA OSBR's District 62	\$205
	Environmental	44-19314; H.014267	Savanne Road Bridge	\$290
	Environmental	44-19337; H.014242	LA 124 Big Branch, Sandy, Godfrey, Beech Creeks	\$26,077
	Environmental	44-19337; H.014243	LA 472: Indian and Big Bear Creek	\$832
	Environmental	44-19337; H.014245	LA 119: Creeks and Bayou Pierre	\$4,989
	Environmental	44-19337; H.014246	LA 1199: Creeks & Spring Creek	\$1,583
	Environmental	44-19337; H.014247	LA 399: Creeks, Little 6 Mile, Relief & Flat Branch	\$957
	Environmental	44-19337; H.014248	LA 124: Creeks, Broke Leg Bayou, Boggy Bayou	\$5,179
	Environmental	44-19337; H.014268	LA 4: Creeks, Bear, Squirrel, Sugar, Bills, Lost Cr.	\$21,160
	Environmental	44-24585; H.014980	Chinaberry Drive Over Unnamed Coulee	\$2,430

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Environmental	44-25035; H.014984	Libuse Cutoff Road Over Brushy Bayou	\$11,860
	Environmental	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$11,360
	Environmental	44-24592; H.014993	Lemon Road Over Drainage Bayou	\$8,600
	Environmental	44-25054; H.015025	McLin Road Over Darling Creek	\$11,750
	Traffic	44-17293; H.010616	I-20: LA 544 Overpass Replacement	\$74,429
	Traffic	44-05484; H.005168	New Orleans Rail Gateway Jefferson Highway EA	\$12,130
	Traffic	44-05484; H.005168	New Orleans Rail Gateway Avondale EA	\$123,590
	CE&I	44-20018; H.007160	EBR Computerized Traffic Signal, Ph. VB	\$37,003
	Traffic	44-18899; H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	\$14,740
	Traffic	44-21519; H.012030	KCS RR Overpasses HBI	\$2,001
	ITS	44-16364; H.011504	Alexandria ITS Phase 2	\$14,305
	ITS	44-16364; H.015136	Northshore Regional ITS Architecture Update	\$11,421
	Road	44-24307; H.015052	I-20 Widening Overlay	\$367,690
	N/A	N/A	N/A	\$N/A

* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation 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. Certifications/Licenses:





National Highway Institute



Certificate of Training

Dennis Hymel

has participated in

NHI Course No. FHWA-NHI-130101

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

hosted by

National Highway Institute

Location: Web-Based Course

Hours of Instruction: 14 hours

Date: 1/4/2016

Valerie Briggs

Valerie Briggs, Director
National Highway Institute



National Highway Institute



Certificate of Training

Dennis Hymel

has participated in

NHI Course No. FHWA-NHI-130081P

General Superstructure Design Considerations (Web-based)

hosted by

National Highway Institute

Location: Web-Based Course

Hours of Instruction: 3 hours

Date: 10/12/2016

Valerie Briggs

Valerie Briggs, Director
National Highway Institute



National Highway Institute



Certificate of Training

DENNIS HYMEL

has participated in

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

hosted by

LA DOTD/LTRC

Date: July 11, 2017

Hours of Instruction: 6

Location: Baton Rouge, LA

Mark D. Long

Instructor

Arlison H. Landry

Local Coordinator

Instructor

Valerie Briggs

Valerie Briggs, Director
National Highway Institute



National Highway Institute



Certificate of Training

Dennis Hymel

has participated in

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

hosted by

LA DOTD/LTRC

Date: December 8-10, 2015

Hours of Instruction: 18

Location: Baton Rouge, LA

Prentiss Scollier

Instructor

Arlison H. Landry

Local Coordinator

Instructor

Valerie Briggs

Valerie Briggs, Director
National Highway Institute



National Highway Institute
Certificate of Training



Dennis Hymel, Jr.

has participated in

FHWA-NHI-130081 LRFD for Highway Bridge Superstructures

hosted by

LA DOTD/LTRC

Date: October 17-20, 2016

Hours of Instruction: 25

Location: Baton Rouge, LA

[Signature]
Instructor

[Signature]
Local Coordinator

[Signature]
Instructor

[Signature]
Valerie Briggs, Director
National Highway Institute



Certificate of Attendance

Dennis Hymel

has participated in

AASHTOWare Bridge Rating Fundamentals Training

hosted by

LA DOTD/LTRC

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

**Professional Development
Hours (PDPs) Awarded:** 12

[Signature]
Herman Lee, P.E., PMP
Michael Baker International

[Signature]
Michael S. Pichura, P.E.
Michael Baker International



U.S. Department of Transportation
Federal Highway Administration

National Highway Institute



Certificate of Training

DENNIS HYMEL, JR.

has participated in

FHWA-NHI-134006 Utility Coordination for Highway Projects

hosted by

LA DOTD/LTRC

Date: April 2-3, 2019

Hours of Instruction: 12

Location: Baton Rouge, LA

[Signature]
Instructor

[Signature]
Local Coordinator

[Signature]
Instructor

[Signature]
Michael Davies, Director
National Highway Institute



U.S. Department of Transportation
Federal Highway Administration

National Highway Institute



Certificate of Training

Dennis Hymel

has participated in

FHWA-NHI 130055 Safety Inspection of In-Service Bridges

hosted by

LA DOTD/LTRC

Date: January 4-15, 2016

Hours of Instruction: 67

Location: Baton Rouge, LA

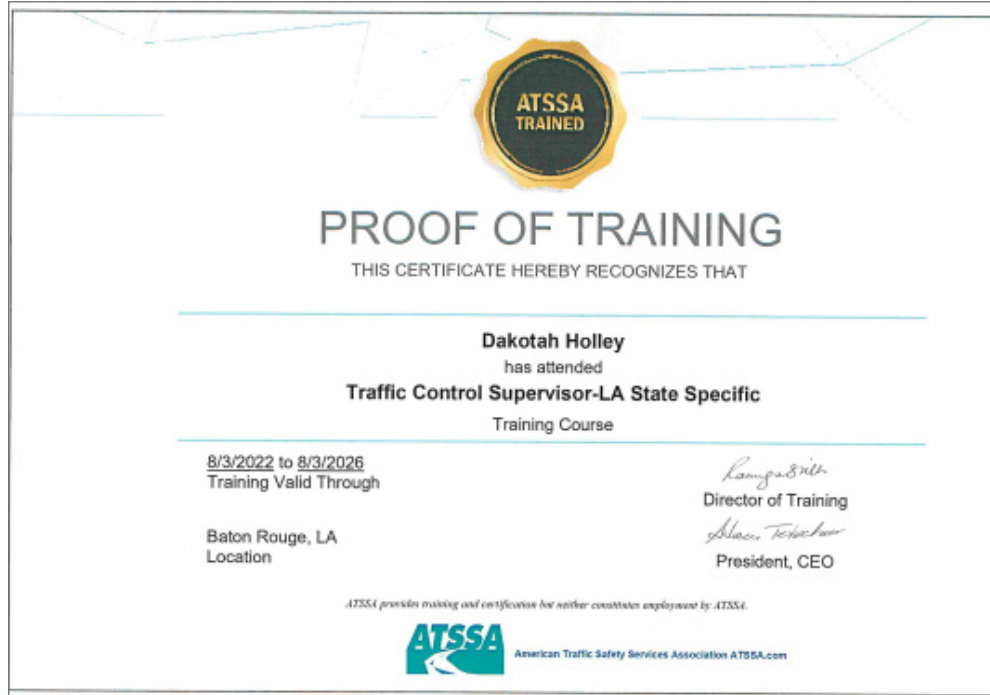
[Signature]
Instructor

[Signature]
Local Coordinator

[Signature]
Instructor

[Signature]
Valerie Briggs, Director
National Highway Institute

20. Certifications/Licenses:



20. Certifications/Licenses:



National Highway Institute
Certificate of Training



Dennis Hymel

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

Louisiana Department of Transportation & Development

Date: January 12-14, 2021
Location: Virtual Delivery, LA

Hours of Instruction: 18

J. P. Bly
Digitally signed by John P. Blygen, P.E.
DN: cn=2021.01.14 18:52:17 -0500

Allison H. Landry

Thomas Harman
Digitally signed by Thomas A. Harman, P.E.
DN: cn=2021.01.15 14:28:43 -0500

Local Coordinator
Thomas Harman

Instructor

Thomas Harman, Director
National Highway Institute



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Matt Ledet

has attended

Louisiana Traffic Control Supervisor Refresher

Training Course

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

Don M. Clark
Vice President of Education and Technical Services

Baton Rouge, LA
Location

Shawn Tebechar
President, CEO

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



American Traffic Safety
Services Association

This is to affirm that

Dakotah Holley

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 5/5/2021

ATSSA

Exp. Date 5/5/2025

Instructor Name

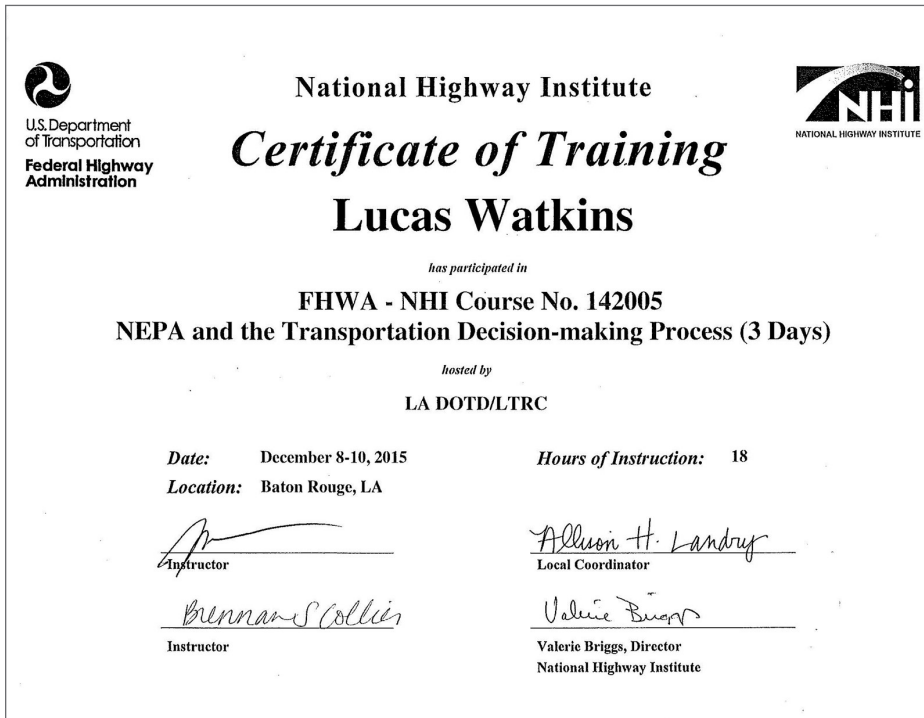
State Issued LA

Don M. Clark
Instructor Signature


A1000020731

Verify at Flagger.com

20. Certifications/Licenses:







Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

John Bel Edwards, Governor
Eric Kalivoda, Secretary

June 22, 2023

Vectura Consulting Services, LLC
Attn: Sheelagh Brin Ferlito
PO Box 14269
Baton Rouge, LA 70898

Dear Sheelagh Brin Ferlito,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

- NC488490 – Other Support Activities for Road Transportation**
 - C14-Transportation Planning
 - C33-Traffic Counting and Data Collection
 - C74-Construction Management
- NC541330-Engineering Services**
 - C09-Engineering Services
 - C96-Traffic and Transportation Engineering
- NC541340-Drafting Services**
 - C43-Computer Assisted Drafting

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1099, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **June 30, 2024**. However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Louisiana Department of Transportation and Development | 1201 Capitol Access Road | Baton Rouge, LA 70802 | 225-379-1200
An Equal Opportunity Employer | A Drug-Free Workplace | Agency of Louisiana.gov | dotd.la.gov

Vectura Consulting Services, LLC
June 22, 2023
Page 2

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Jackie des Bordes or Keyyatta Sparks with the SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that DBE and SBE certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Rhonda Wallace

Rhonda Wallace
DBE/SBE Programs Manager

Enclosure (Certificate)





LOUISIANA UNIFIED CERTIFICATION PROGRAM
Disadvantaged Business Enterprise Program (DBE)
Small Business Element (SBE)

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

Vectura Consulting Services, LLC
Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC488490, NC541330, NC541340

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

Certificate Eligibility: June 2023 to June 2024
This certificate is valid through the above date provided. This firm meets the ongoing programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace
Rhonda Wallace, DBE/SBE Programs Manager
Louisiana Department of Transportation & Development

20. Certifications/Licenses:



Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer** (PTOE). The Transportation Professional Certification Board (TPCB) congratulates you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 9/9/2024.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 9/9/2024. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. <http://www.tpcb.org/PTOE/feeschedule.asp>

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard to fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of its certification programs through the [tpcb.org](http://www.tpcb.org) website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



Mr. Laurence L. Lambert, II, P.E., PTOE, PTP
Vectura Consulting Services, LLC
PO Box 14269
Baton Rouge, LA 70898-4269 USA

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congratulates you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

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Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 2/3/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. <http://www.tpcb.org/PTOE/feeschedule.asp>

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard to fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of its certification programs through the [tpcb.org](http://www.tpcb.org) website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

20. Certifications/Licenses:



Transportation Professional Certificatic

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • I

Mr. Reece J. Rodrigue, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer** (PTOE). The Transportation Professional Certification Board (TPCB) congrat you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 7/17/2025.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 7/17/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. <http://www.tpcb.org/PTOE/feeschedule.asp>

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Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org



Mrs. Kristen Gahagan Farrington, P.E., PTOE, RSP1
4004 Hastings Street
Metairie, LA 70002
USA

Dear Mrs. Farrington,

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrat you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 3/26/2026.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Joseph C. Balskus, P.E., PTOE, RSP1
Chair, Transportation Professional Certification Board Inc.

20. Certifications/Licenses:



Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org



Mrs. Bridget S. Robicheaux, P.E., PTOE
6410 Louis XIV Street
New Orleans, LA 70124
USA

Dear Mrs. Robicheaux,

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congratulates you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 3/25/2026.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Joseph C. Balskus, P.E., PTOE, RSP1
Chair, Transportation Professional Certification Board Inc.

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: June 4, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized Instructor



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

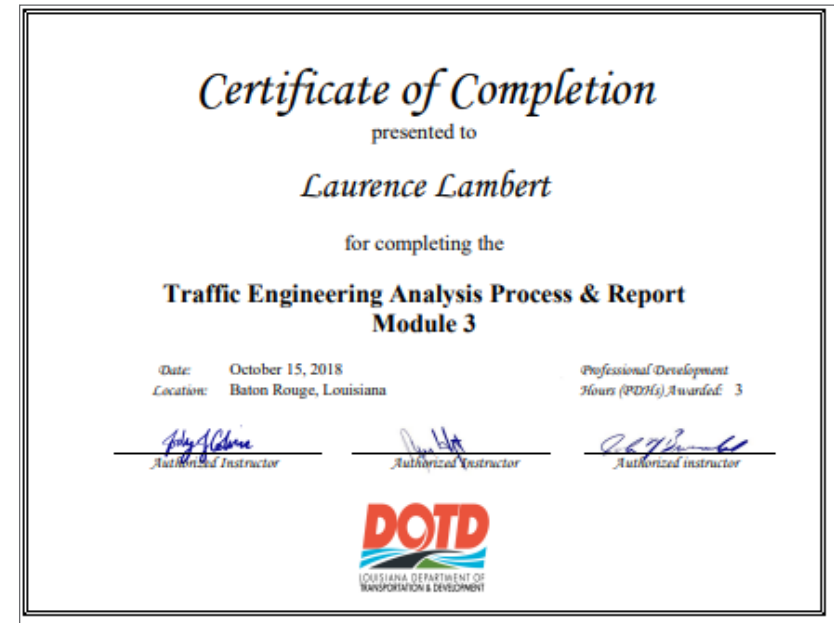
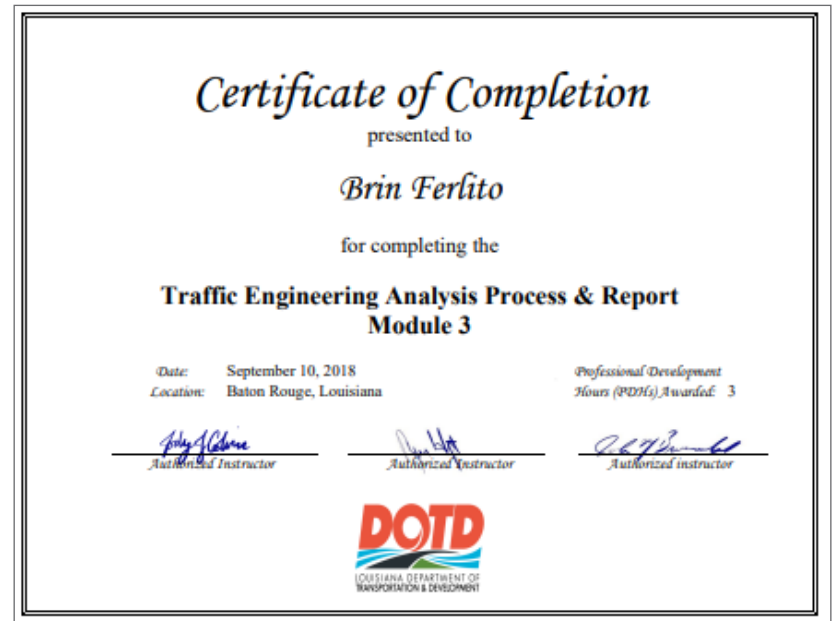
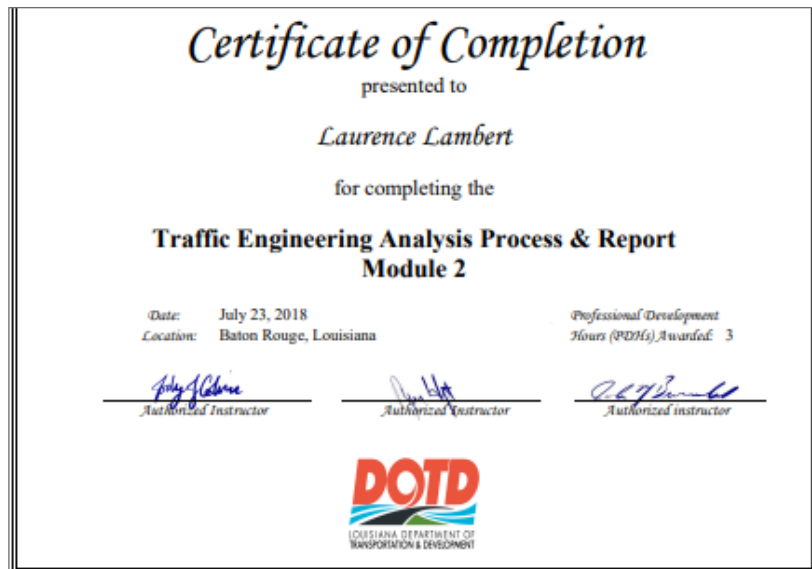
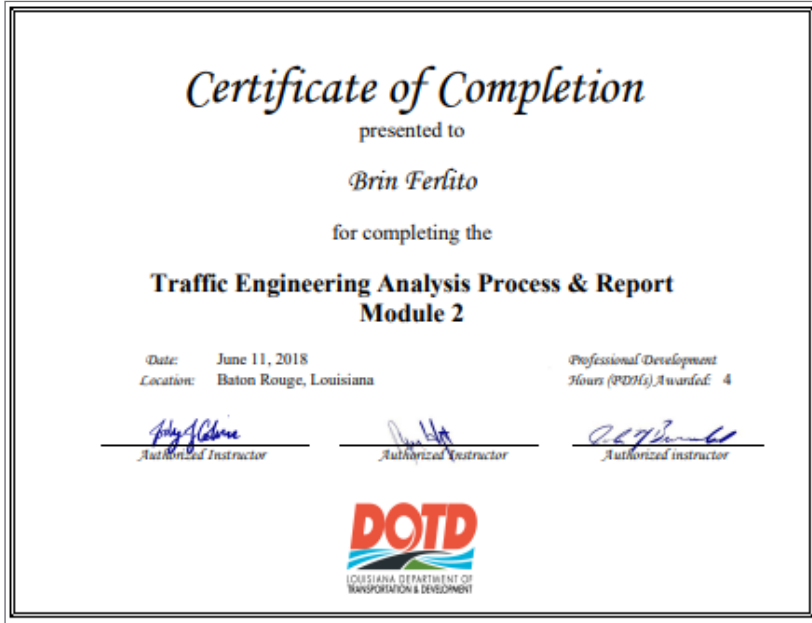
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Authorized Instructor

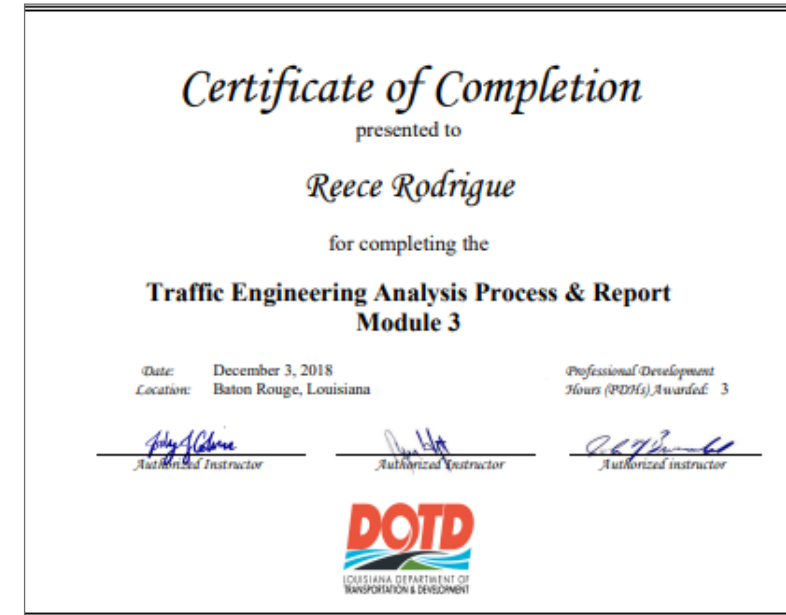
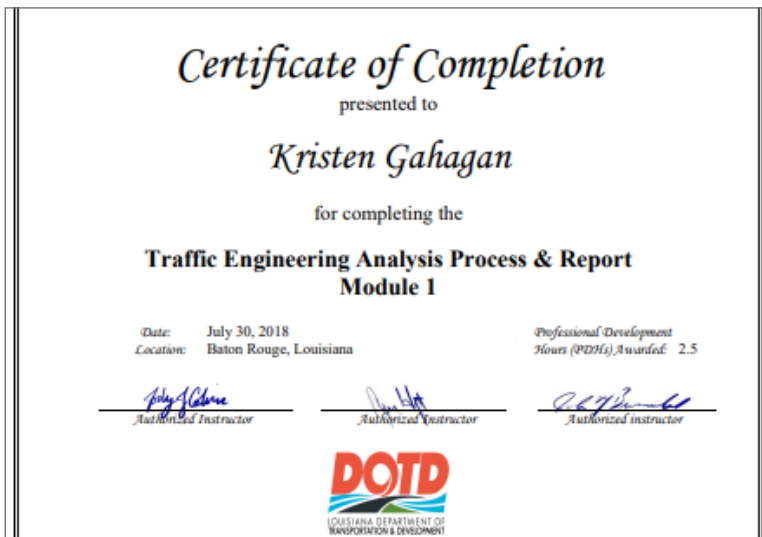
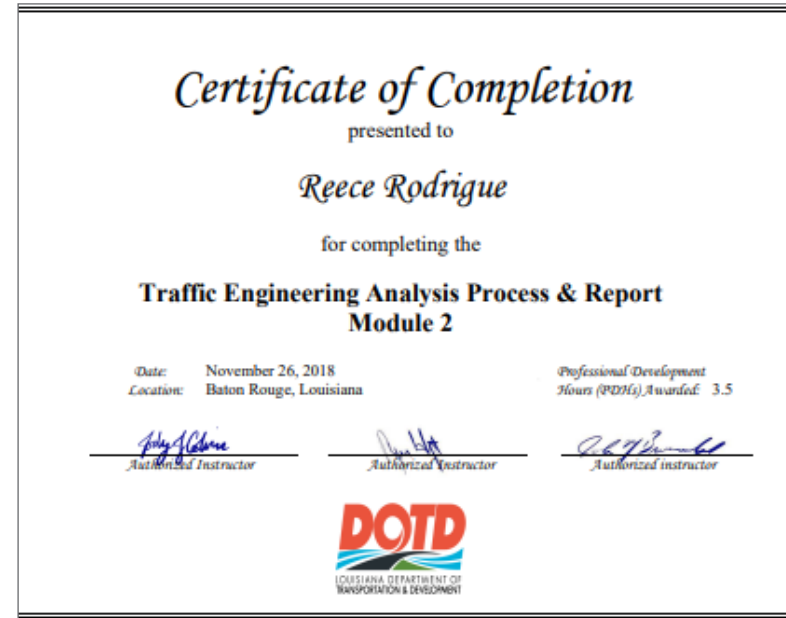
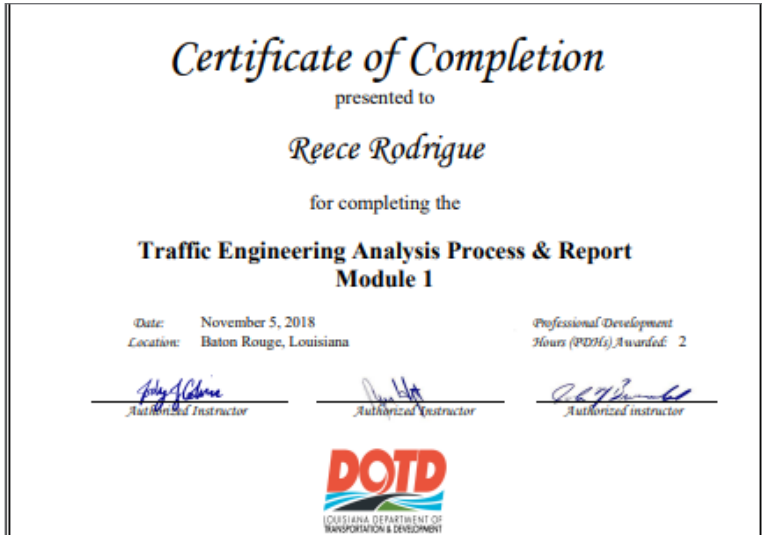
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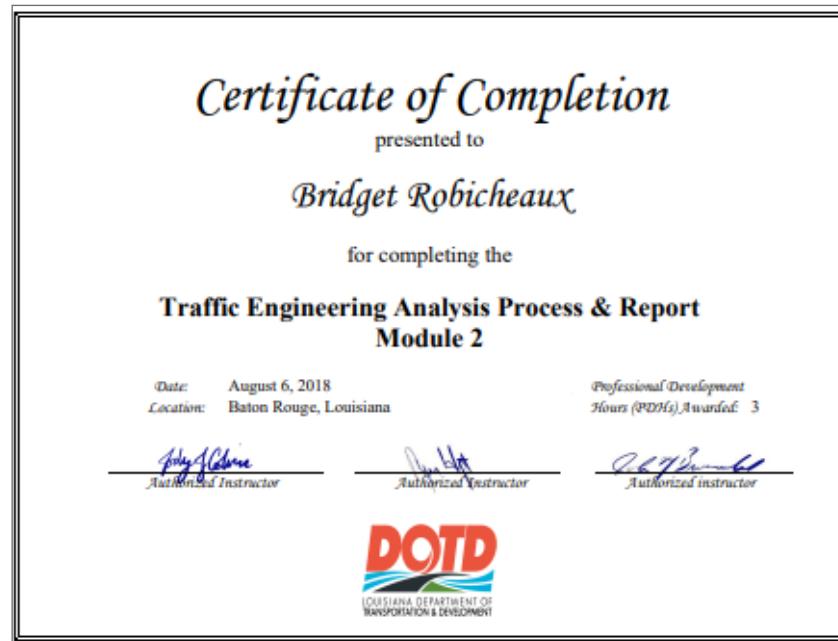
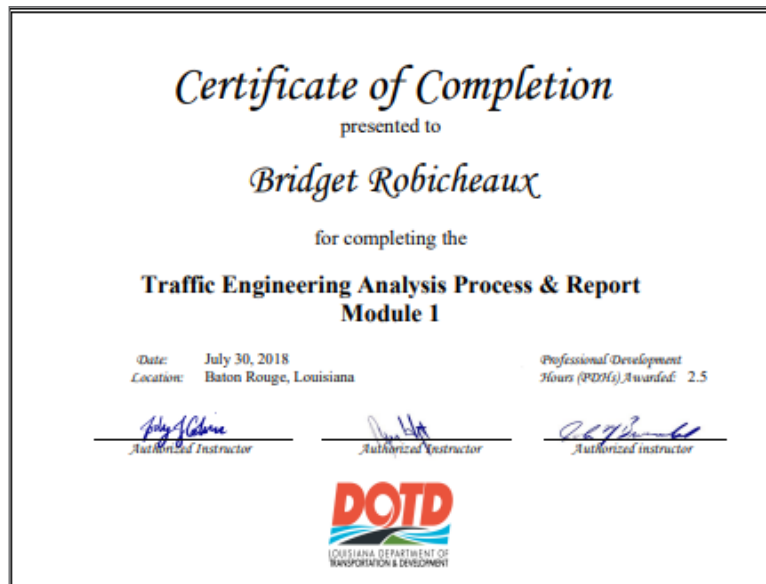
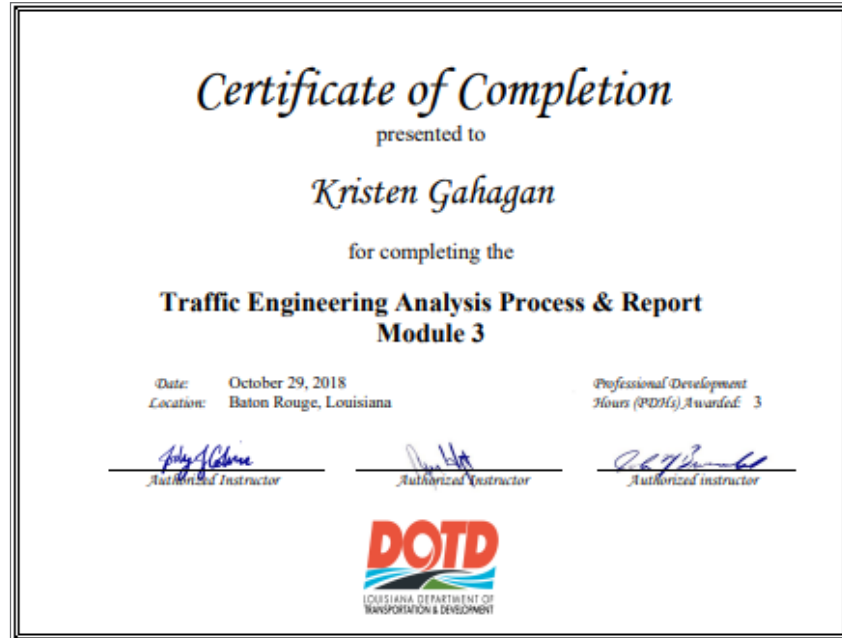
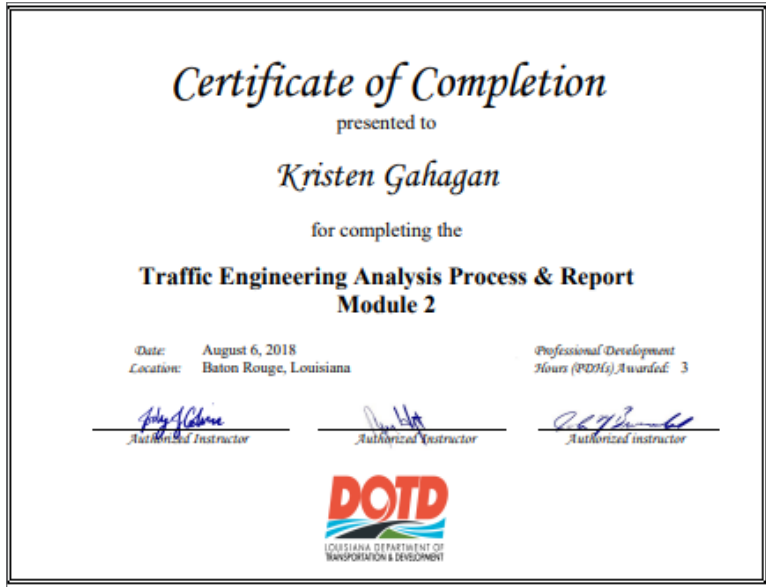
20. Certifications/Licenses:



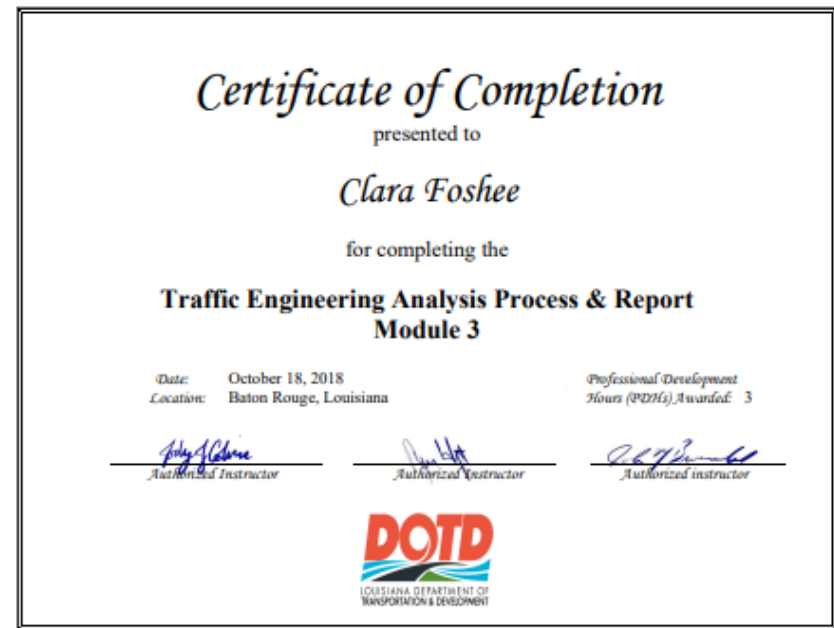
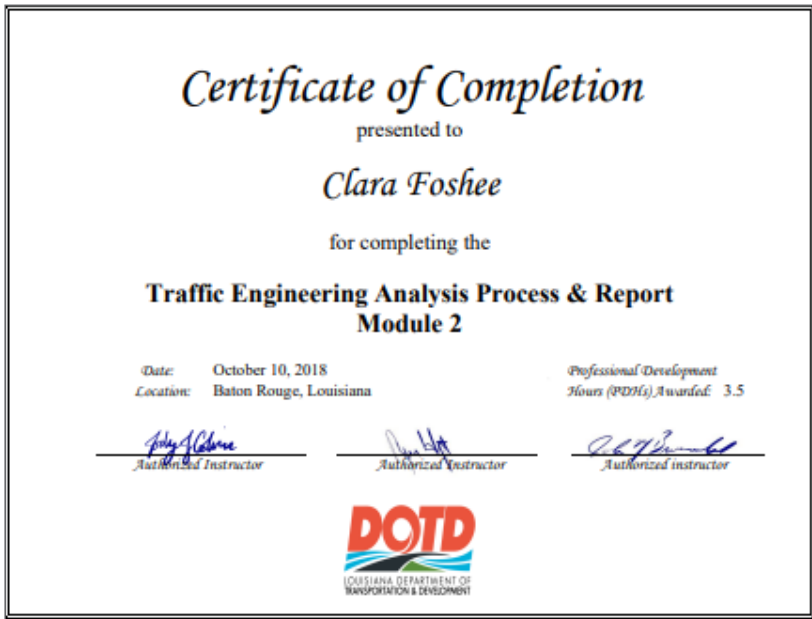
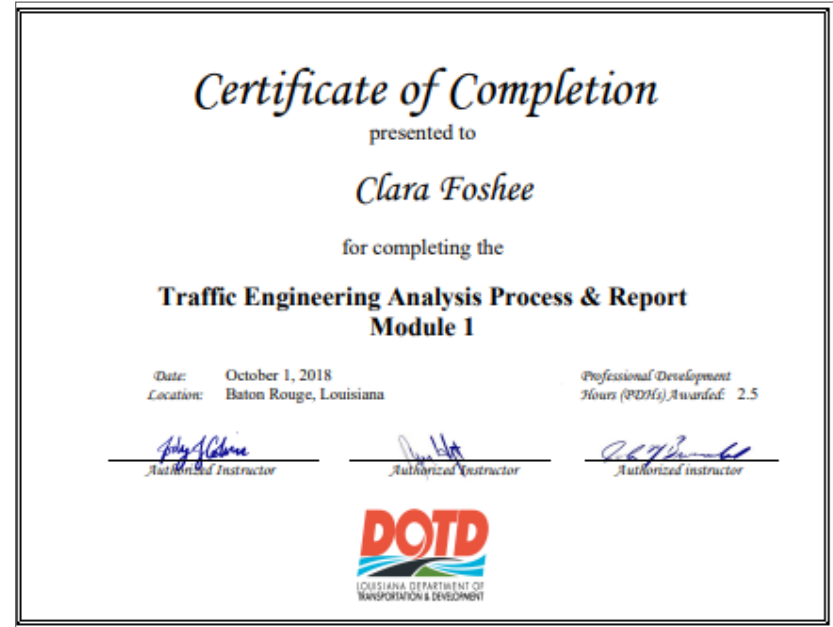
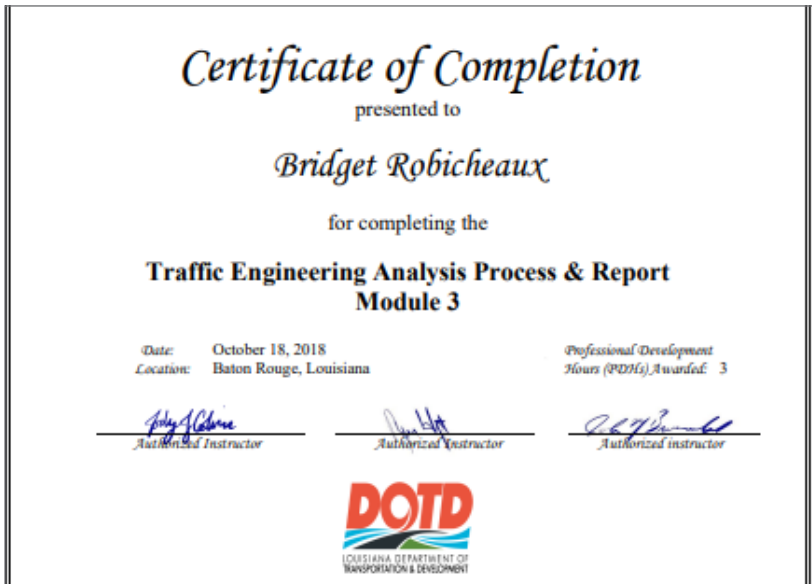
20. Certifications/Licenses:



20. Certifications/Licenses:



20. Certifications/Licenses:



20. Certifications/Licenses:



20. Certifications/Licenses:



20. Certifications/Licenses:



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

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

22. Sub-consultant information:

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 as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
ELOS Environmental, L.L.C.	607 W. Morris Avenue Hammond, LA 70403	Drake Arnone President / Business Development darnone@elosenv.com	985.662.5501
Vectura Consulting Services, LLC	4467 Bluebonnet Blvd., Suite A Baton Rouge, LA 70809-9639	Sheelagh Brin Ferlito Principal bferlito@vecturacs.com	225.223.6685
CARBO Landscape Architecture, LLC	6633 Government Street Baton Rouge, LA 70806	Zach Broussard Partner zbroussard@carbo-LA.com	225.302.7452
Marrero, Couvillon & Associates, LLC	4354 S Sherwood Forest Blvd. D200 Baton Rouge, LA 70816	Carlos Giron President cgiron@mca-llc.com	225.408.8249

23. Location:

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



CRESCENT

ENGINEERING & MAPPING LLC

“Committed to Excellence, Focused on Delivery”