

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised January 1, 2023)


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 THE DESIGN OF SAFETY PROJECTS STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 03,07. AND 08
2. Contract number(s) as shown in the advertisement	4400026912
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Aucoin & Associates, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001114 VF.0000179
6. Prime consultant mailing address	P.O. Box 968 Eunice, LA 70535
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	433 N. CC Duson Street Eunice, LA 70535
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Karl J. Aucoin, P.E., President 337-457-7366 k.aucoin@aucoinandassoc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Karl J. Aucoin, P.E., President 337-457-7366 k.aucoin@aucoinandassoc.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:

Date: May 30, 2023

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

Firm(s):

Vectura Consulting Services, LLC

Firm(s)' %:

5%

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, ED&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	A&A	Vectura	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Survey	20%	100%					100%
Road	70%	90%	10%				100%
Traffic	10%		100%				100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	83%	17%				

13. Firm Size:

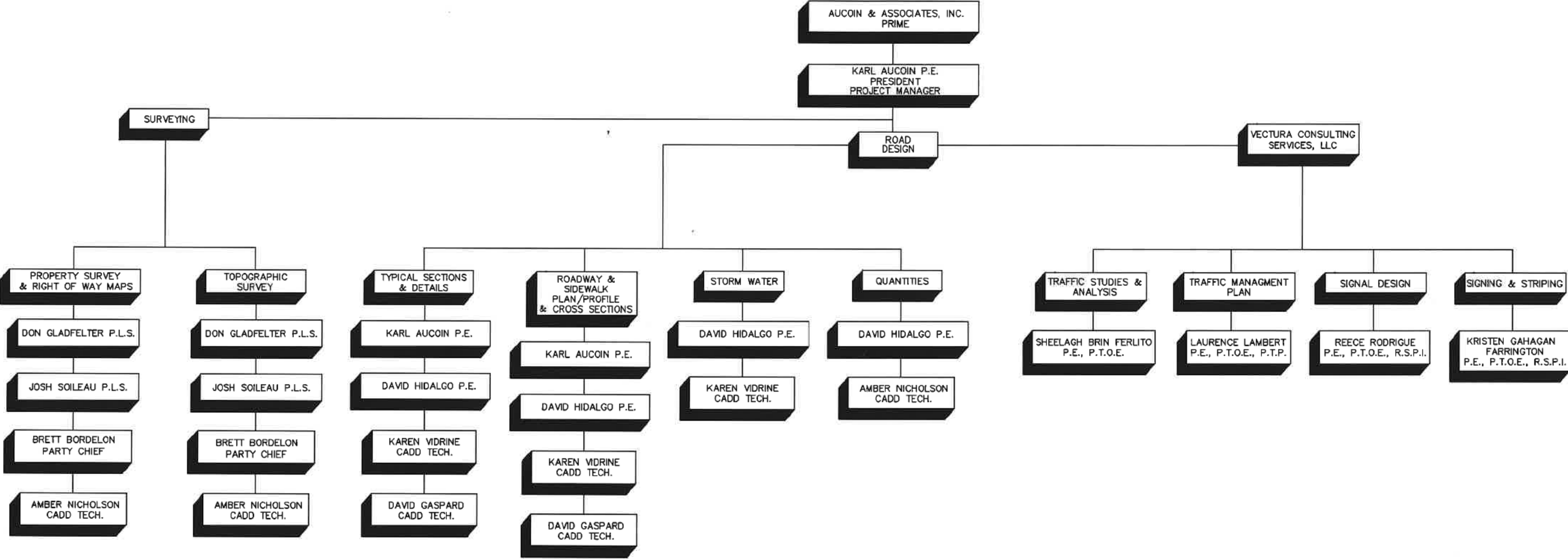
For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included 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)
Aucoin & Associates, Inc.	Principal/Engineer	1	1
Aucoin & Associates, Inc.	Supervisor Engineer/Engineer	1	1
Aucoin & Associates, Inc.	Surveyor	2	2
Aucoin & Associates, Inc.	Cadd Operator	1	1
Aucoin & Associates, Inc.	Cadd Technician	2	2
Aucoin & Associates, Inc.	Accountant	1	1
Aucoin & Associates, Inc.	Clerical	2	3
Aucoin & Associates, Inc.	Survey Party Chief	1	2
Aucoin & Associates, Inc.	Rodman	1	2
Aucoin & Associates, Inc.	Instrument Man	1	2
Vectura Consulting Services, LLC	Supervisor	2	2
Vectura Consulting Services, LLC	Engineer	4	4
Vectura Consulting Services, LLC	Engineer Intern	1	1
Vectura Consulting Services, LLC	Inspectors	2	2

(Add rows as needed)

**AUCOIN & ASSOCIATES, INC.
STAFFING PLAN**



15. Minimum Personnel Requirements:

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1.	Karl J. Aucoin	Aucoin & Associates, Inc.	P.E. 22005 - Civil	LA	09/30/2024
2.	Karl J. Aucoin	Aucoin & Associates, Inc.	P.E. 22005 - Civil	LA	09/30/2024
	David P. Hidalgo	Aucoin & Associates, Inc.	P.E. 27074- Civil	LA	09/30/2023
3.	Karl J. Aucoin	Aucoin & Associates, Inc.	P.E. 22005 - Civil	LA	09/30/2024
	David P. Hidalgo	Aucoin & Associates, Inc.	P.E. 27074 - Civil	LA	09/30/2023
4.	Donald W. Gladfelter, Jr.	Aucoin & Associates, Inc.	PLS 4854	LA	09/30/2023
5.	Sheelagh Brin Ferlito	Vectura Consulting Services, LLC	P.E. 0025383	LA	09/30/2023
	Laurence Lambert	Vectura Consulting Services, LLC	P.E. 0029901	LA	03/31/2024
	Reece Rodrigue	Vectura Consulting Services, LLC	P.E. 0042074	LA	03/31/2024
	Kristen Gahagan Farrington	Vectura Consulting Services, LLC	P.E. 0042785	LA	03/31/2025

(Add rows as needed)

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.				
Name	Karl J. Aucoin		Years of relevant experience with this employer	42
Title	P.E., President		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B/S / 1981/ Civil Engineer	
Active registration number / state / expiration date			22005 / LA / 09-30-2024	
Year registered	1985	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Project Manager, Responsibilities shall include overseeing duties of office and field personnel assigned to this project and assuring project is completed in accordance with DOTD criteria requirements, and contract time schedule.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).			
06/20-06/22	T.O. H.012295 LA 182 New Iberia Sidewalks IDIQ ADA Task Order Project management of topographic survey for approximately 18 miles of sidewalk construction			
06/15-04/23	H.010922.5 LA 88 Realignment/Iberia Parish IDIQ Safety Task Order Project Manager and provided QA/QC for the topographic survey associated with the re-alignment LA 88 to eliminate 2 curves for safety improvement			
11/16-05/21	H.011495.5 US 90 Ramps @ LA 88 Roundabouts IDIQ Safety Task Order Project Manager for construction plans to install 2 single lane roundabouts at the US 90 ramp terminals where it intersects LA 88. It also included modifying the LA 88 and service road intersections to J-Turn intersections and installing additional U-Turn locations			
09/12-05/23	T.O. H.009298.5 Safe Routes to Schools/Town of Oberlin Project management for preparation of project report, preliminary and final plans for ADA compliant pedestrian sidewalks for pedestrian safety			
09/12-06/21	T.O. H.006528 Safe Routes to Schools/Village of Fenton Project management for preparation of project report, preliminary and final plans and construction proposal for 3,000 L.F. of ADA compliant pedestrian sidewalks for pedestrian safety near Fenton Elementary School			
03/18-02/20	S.P. H.012338 Civic Center Sidewalks/Terrebonne Parish Project management for topographic survey, preliminary and final plan development for 3,000 L.F. of sidewalks on both sides of Civic Center Blvd. in Houma, LA			
10/15-05/17	H.010864 I-10 Cable Barrier Installation/Jefferson Davis and Calcasieu Parishes IDIQ Safety Task Order Project Manager and provided QA/QC for the topographic survey associated with 30.1 miles of cable median barrier installation for this highway safety improvement project			
05/15-08/16	H.011100.5 LA 3059 Realignment/Calcasieu and Jefferson Davis Parishes IDIQ Safety Task Order Project Manager and provided QA/QC for the topographic survey associated with the realignment of LA 3059 for safety improvement			
05/13-06/14	H.004983 US Highway 11 Widening/St. Tammany Parish Project manager and provided QA/QC for complete topographic survey of 2.8 miles along US Highway 11			
04/12-05/13	T.O. H.002980.5 Topographic survey of I-10 Overpass over US 165 & M.P.R.R., Route I-10/Jefferson Davis Parish Project manager and provided QA/QC for the topographic survey of 2.6 miles of I-10			

16. Karl Aucoin - Continued

03/12-05/12	H.000870 You Winn Road/Gloria Drive @ US 171/Calcasieu Parish Project manager and provided QA/QC for ½ mile property surveys, right of way maps for acquisition of 9 parcels necessary for the re-alignment of You Winn Road with Gloria Drive at their intersection with US 171 for intersection safety improvement
12/09-05/12	S.P. 700-27-0119 LA 97 Widening Jefferson Davis Parish Project manager for plan development for 1.1 miles of 3 lane urban curb and gutter highway which included construction of ADA compliant pedestrian sidewalk in the City of Jennings
06/07-10/11	700-10-0145 Park Road at Recreation Boulevard/Moss Bluff Project manager for the topographic survey, preliminary and final plans for addition of center left turn lane and right turn lane on this intersection improvement project
06/15-06/18	H.011260.0 US 190B at Jefferson Ave. Roundabout/St. Tammany Parish Project manager for the design of a roundabout at the intersection of US 190B and Jefferson Avenue
01/10-05/15	700-10-0162 Frontage Road Construction in Lake Charles/Calcasieu Parish Project manager for preliminary and final roadway plans for the provision of frontage road u-turns and overpasses
12/03-10/18	700-27-0102 U.S. 165 from Fenton to Kinder/Jeff Davis and Allen Parishes Project manager for 8.5 miles of 4 lane rural divided highway consisting of topographic and property surveys, right of way map preparation, and preliminary and final roadway plan preparation which included 4 slab span bridges and one quad beam bridge
08/02-12/08	700-10-0130 Joe Miller Road at U.S. 171/Calcasieu Parish Project manager for topographic survey and development of preliminary and final plans for intersection improvements consisting of the addition of an acceleration lane on US 171 and a left turn lane on Joe Miller Road
03/04-08/08	700-09-0144 I-49 North from Mira Myrtis Road to LA 168/Caddo Parish, Project manager for 5.8 miles of 4 lane rural freeway consisting of topographic and property surveys, right of way map preparation, preliminary and final roadway plan preparation which included a local road relocation and interchange
09/00-04/05	700-37-0101 U.S. 165 from Caldwell Parish line to LA 841/Ouachita Parish Project management of preliminary and final plans for 4 lane rural highway. Tasks included development of horizontal geometry and longitudinal profile grade, typical and cross section development, plan/profile sheet development, hydraulic analysis, and sequence of construction
08/99-05/12	700-30-0120 LA 27 Overpass/Route I-10/City of Sulphur Project management of preliminary and final plans for I-10 approaches to LA 27 Overpass and LA 27 improvements including geometrics, typical section development, plan profile and cross section development, M.S.E. retaining wall design, sequence of construction and quantity calculations
11/98-09/11	700-30-0201 Route LA 28/Rapides Parish Project management of 8 miles of 4 lane rural highway consisting of topographic survey and preliminary and final roadway plans
06/86-09/96	S.P. 700-18-85 Ambassador Caffery Parkway, Rt. LA 3095-LA 339 Extensive participation in the design of this 5-lane Urban Highway with subsurface drainage which included hydraulic analysis, development of storm sewer and roadway plan/profile sheets, geometric layout and significant construction sequencing, and pedestrian sidewalks and urban street lighting

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.			
Name	Brett Bordelon		Years of relevant experience with this employer
Title	Survey Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Survey Party Chief	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).		
06/20-01/22	S.P. 4400011230, T.O. H.012295.5 New Iberia Sidewalks Instrument man for topographic survey along approximately 18 miles of urban roadway inclusive of establishment of horizontal G.P.S. control monument system; establishment of a looped vertical control grid; data collection of in excess of 40,000 data points associated with a proposed sidewalk construction project.		
01/21-02/21	H.014235.5 DOTD Off-System Highway Bridge Program, Jefferson Davis Parish Instrument man for topographic survey for 1 bridge replacement site		
02/21-03/21	H.014273.5 DOTD Federal Aid Off-System Bridge Program, Avoyelles Parish Instrument man for topographic survey for 1 bridge replacement site		
04/21-05/21	H.014337.5 DOTD Federal Aid Off-System Bridge Program, Lafayette Parish Instrument man for topographic survey for 1 bridge replacement site		
01/19-02/19	H.013120.5 DOTD Federal Aid Off-System Highway Bridge Program, Rapides Parish Instrument man for topographic survey for 1 bridge replacement site		
12/18-01/19	H.013140.5 DOTD Federal Aid Off-System Highway Bridge Program, Iberia Parish Instrument man for topographic survey for 1 bridge replacement site		
01/19-02/19	H.013142.5 DOTD Federal Aid Off-System Highway Bridge Program, St. Martin Parish Instrument man for topographic survey for 1 bridge replacement site		
01/19-02/19	H.013127.5 DOTD Federal Aid Off-System Highway Bridge Program, Ouachita Parish Instrument man for topographic survey for 2 bridge replacement sites		
01/20-04/20	Calcasieu Parish Police Jury Alta Road Bridge Replacement Instrument man for topographic survey for 1 bridge replacement site. Calcasieu Parish Police Jury utilizes survey scope procedures very similar to those utilized for the DOTD Federal Aid Off-System Bridge Replacement Program		
01/20-04/20	Calcasieu Parish Police Jury Big-Woods Starks Bridge Replacement Instrument man for topographic survey for 1 bridge replacement site. Calcasieu Parish Police Jury utilizes survey scope procedures very similar to those utilized for the DOTD Federal Aid Off-System Bridge Replacement Program		

16. Brett Bordelon – Continued

07/22-08/22	H.011963.5 DOTD On-System Bridge Program, Lafourche Parish Instrument man for topographic survey for 1 bridge replacement site.
09/22	H.011987.5 DOTD On-System Bridge Program, Iberia Parish Instrument man for topographic survey for 1 bridge replacement site.
09/22-10/22	H.011994.5 DOTD On-System Bridge Program, St. Landry Parish Instrument man for topographic survey for 1 bridge replacement site.
08/22-11/22	H.012530.5 DOTD On-System Bridge Program, Lafourche Parish Instrument man for topographic survey for 4 bridge replacement sites.
10/22-11/22	H.012532.5 DOTD On-System Bridge Program, St. Landry Parish Instrument man for topographic survey for 1 bridge replacement site.

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.			
Name	David Gaspard		Years of relevant experience with this employer
Title	Cad Tech		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Southern Technical College/1989/Drafting	
Active registration number / state / expiration date		N/A	
Year registered		Discipline	N/A
Contract role(s) / brief description of responsibilities		Cad Tech participating in the preparation of preliminary and final plans and sketches for hydraulic report and environmental clearance	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).		
11/98-09/11	700-30-0201 LA 28 From Vernon Parish Line to LA 121/Rapides Parish Processed data for 8.47 mile topographic survey and participated in development of preliminary and final plan development consisting of typical sections, plan/profile sheets, cross sections, quantity tables, and summary of estimated quantities		
02/02-12/08	700-09-0144 I-49 North South Expressway/Caddo Parish Processed data for topographic survey, and aided in preparation of right of way maps and participated in development of preliminary and final plan development consisting of typical sections, plan/profile sheets, cross sections, quantity tables, and summary of estimated quantities		
04/12-04/17	T.O. H.007338.6 City of Franklin Construction oversight for the construction of approximately 6,682 L.F. of new sidewalks, striping, signing near schools		
12/03-10/08	700-27-0102 U.S. 165 from Fenton to Kinder, Jeff Davis and Allen Parishes Processed data for topographic and property surveys, right of way map preparation, and preliminary and final roadway plan preparation		
09/00-04/05	700-37-0101 , U.S. 165 from Caldwell Parish line to LA 841/Ouachita Parish 4 lane rural divided highway, processed and plotted field survey data for development of topographic survey maps		
05/04-12	744-27-0006 Sherman Street Sidewalks/Jennings Cad Tech for plan development as well as field oversight for the construction of 4,600 L.F. of ADA compliant pedestrian sidewalk from Fourth Street to Jennings High School		
04-13	744-49-0014 Beulah Street/Eunice Cad Tech for plan development as well as field oversight for the construction of 2,400 L.F. of ADA compliant pedestrian sidewalk		
01-04	S.P. No. 744-49-0001 Town of Washington Cad Tech for plan development as well as field oversight for the construction of 3,200 L.F. of ADA compliant pedestrian sidewalk along LA Hwy. 103		
99-06	S.P. 744-49-0009 LA Hwy. 91/Eunice Cad Tech for plan development as well as field oversight for the construction of 1,200 L. F. of ADA compliant pedestrian sidewalk		

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.				
Name	Donald W. Gladfelter, Jr.		Years of relevant experience with this employer	3
Title	Professional Land Surveyor		Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization			PLS/1985/Professional Land Surveyor	
Active registration number / state / expiration date			4854/LA/09/30/2023	
Year registered	1999	Discipline	PLS	
Contract role(s) / brief description of responsibilities			PLS of record for topographic surveys	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time <u>years of experience</u> specified in the applicable MPR(s).			
08/05-07/20	Pine Prairie Energy Center Evangeline Parish Survey professional of record for field surveying, mapping, associated permitting, alignment staking and asbuilt mapping for the construction of approximately 72 miles of pipeline and 285 acres of topographic, boundary surveys and mapping for plant facility and cavern wells.			
06/13-08/20	Targa Resources, Inc./Phillips 66 Survey professional of record for pipeline, boundary and topographic surveys at approximately 50 locations within the State of Louisiana			
4/18-1/20	Entergy Survey professional of record for 23 existing sub-station topographic and boundary surveys and 4 miles of fiber optic topographic and asbuilt maps			
3/18-5/19	J. Worden & Sons /MAPP Construction LLS Survey professional for nine (9) Kentucky Fried Chicken locations consisting of construction layout, topo for utilities systems for construction plan and asbuilt drawings			
04/13-08/17	Cleco Survey professional of record for topographic surveys for approximately 50 miles of right of way electrical line installation for right of way maps			
01/00-06/16	Neumin Production Company/Coastal Plains Exploration Survey professional of record for field surveying, mapping and wetland determination for over one hundred (100) unitizations and well locations throughout the State of Louisiana			
05/07-11/09	LDNR, Cameron/Creole Levee Cameron Parish Survey professional of record for topographic surveys and cross sections for 16 miles of levee deterioration analysis, benchmarks, construction oversight and asbuilt mapping for construction and asbuilt plan development.			

16. Donald Gladfelter Continued

01/03-04/05	Verizon Wireless Survey professional of record for approximately 63 tower site topographic and boundary surveys, for permitting and construction plan development
01/00-08/03	LDNR, Freshwater Bayou Vermilion Parish Survey professional of record for three (3) topographic surveys, boundary surveys, hydrographic surveys, benchmarks, mapping, cross-sections and data sets, construction oversight, and horizontal and vertical control accuracy standards for construction and asbuilt plan development.
06/00-02/02	Enron Broadband Services Survey professional of record for approximately 240 miles statewide of field topographic surveying, associated with permitting (LDOTD), parish municipalities, drainage districts and railroads), staking and mapping for fiber optic cable located in the State of Louisiana.

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.					
Name	David P. Hidalgo			Years of relevant experience with this employer	31
Title	P.E.			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B/S / 1992/ Civil Engineer		
Active registration number / state / expiration date			27074 / LA / 09-30-23		
Year registered	1997		Discipline	Civil	
Contract role(s) / brief description of responsibilities			Supervision of topographic survey and design for development of preliminary and final road and bridge plans and direction of solicitation of views and environmental review record.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).				
06/20-06/22	T.O. H.012295 LA 182/New Iberia Sidewalks IDIQ ADA Task Order Project supervision of topographic survey for approximately 18 miles of sidewalk construction				
06/15-04/23	T.O. No. H.010922 LA 88: Realignment/Iberia Parish Project supervision and design for the realignment of LA 88 to eliminate two severe curves and provide a facility which would safely serve larger vehicles				
11/16-05/21	H.011495.5 US 90 Ramps @ LA 88 Roundabouts IDIQ Safety Task Order Project supervision for construction plans to install 2 single lane roundabouts at the US 90 ramp terminals where it intersects LA 88. It also included modifying the LA 88 and service road intersections to J-Turn intersections and installing additional U-Turn locations				
06/15-06/18	H.011260.5 US 190B at Jefferson Ave. Roundabout IDIQ Safety Task Order Project supervision for the design of a roundabout at the intersection of US 190B and Jefferson Ave. in St. Tammany Parish				
03/18-02/20	S.P. H.012338 Civic Center Sidewalks, Terrebonne Parish, LPA Project Project supervision for topographic survey, preliminary and final plan development for 3,000 L.F of sidewalks on both sides of Civic Center Blvd. in Houma, LA				
04/12-04/17	T.O. H.007338.6 City of Franklin Provided project supervision for the construction engineering and inspection services for the construction of new sidewalks , striping, signing near schools				
08/11-09/15	S.P. 744-27-0006 Transportation Enhancement Project, Sherman Street in Jennings Mr. Hidalgo prepared construction drawings and performed contract administration for the construction of 4,600 L.F. of ADA compliant pedestrian sidewalk from Fourth Street to Jennings High School				
11/98-09/11	700-30-0201 LA 28/Vernon Parish Line to LA 121/Rapides Parish Extensive participation in establishing horizontal and vertical roadway geometrics, hydraulic analysis, cross section development and earthwork computation, quantity calculations, etc. associated with preliminary and final plan development of this 8 mile rural highway which included extension of a large concrete box culvert and 4 new concrete girder bridges				

16. David Hidalgo Continued

05/15-08/15	H.011100.5 LA 3059 Realignment/Calcasieu and Jefferson Davis Parishes Lead Engineer for this highway improvement project which consisted of realigning LA 3059 to eliminate 2 severe curves and provide a facility which would serve larger vehicles
10/15-05/17	H.010864 I-10 Cable Barrier IDIQ Safety Task Order Lead Engineer on this highway improvement project which consisted of installing 30.1 miles of cable median barrier system along I-10 in portions of Jefferson Davis and Calcasieu Parishes. Responsible for development of preliminary and final plans
03/12-07/16	H.000870 You Winn Road @ U.S. 171/Calcasieu Parish Project supervision for topographic survey and preliminary plans for the alignment of You Winn Road with Gloria Drive at their intersection with US 171
03/10-04/15	700-10-0162 Frontage Road Construction in Lake Charles/Calcasieu Parish Project supervision for preliminary and final roadway plans for the provision of frontage road u-turns and overpasses
12/09-05/12	700-27-0119 LA 97/ City of Jennings Project supervision for plan development for 1.084 miles of 3 lane urban curb and gutter highway with subsurface drainage system and LA 97/LA 102 intersection improvements including ADA compliant pedestrian sidewalks
06/07-10/11	700-10-0145 Park Road at Recreation Boulevard/ Moss Bluff Project supervision for topographic and property survey, right of way maps, preliminary and final plans for intersection improvements to include a center left turn lane and right turn lane
12/03-10/08	700-27-0102 Route U.S. 165 Fenton to Kinder/ Jeff Davis Parish David was the project design engineer for development of both preliminary and final roadway plan preparation for this 8.5 mile rural highway. The project also included 4 slab span bridges. David's duties included coordination and supervision of all roadway geometrics, typical section development, hydraulic analysis, cross section development, construction sequencing, bridge plan development and quantity calculations
09/00-04/05	700-37-0101 U.S. 165 Caldwell Parish Line to LA 841/Ouachita Parish Mr. Hidalgo provided project supervision for the field topographic survey, and preliminary and final plan development of this 4.4 mile, four lane rural highway
08/99-11/02	700-30-0120 LA 27 Overpass/I-10/City of Sulphur Preliminary and final roadway design for the bridge approaches and on/off ramps, including one loop, for this 7 lane overpass
11/98-09/11	700-30-0201 LA 28/Vernon Parish Line to LA 121 Extensive participation in establishing horizontal and vertical roadway geometrics, hydraulic analysis, cross section development and earthwork computation, quantity calculations, etc. associated with preliminary and final plan development of this 8 mile rural highway
06/86-09/96	700-18-85 Ambassador Caffery Parkway/LA 3095-LA 339 Extensive participation in the design of this 5-lane urban highway with subsurface drainage which included hydraulic analysis, development of storm sewer and roadway plan/profile sheets, geometric layout and construction sequencing
89-94	700-11-0081 U.S. 171 Newton to Gillis/Calcasieu Parish Extensive participation in the completion of final plan development of the 1 mile urban 5 lane and 4 mile rural divided highway with 4 concrete slab span bridges with one bridge in the transition from urban to rural roadway typical section

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.			
Name	Amber Nicholson		Years of relevant experience with this employer
Title	Cadd Technician		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Cad Technician preparing topographic survey & participation in preparation of preliminary and final plans	
Experience dates	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the <u>time years of experience</u> specified in the applicable MPR(s).		
06/20-06/22	S.P. 4400011230, T.O. H.012295.5 New Iberia Sidewalks Cad drafter for topographic survey along approximately 18 miles of urban roadway inclusive of the development of a horizontal monument closure sketch; plotting and preparation of cad files and drawings for in excess of 40,000 data points collected by the field survey crew associated with a proposed sidewalk construction project.		
10/15-05/17	H.010864 I-10 Cable Barrier/Jefferson Davis and Calcasieu Parishes Cad Tech for the topographic survey on this highway improvement project which consisted of installing 30.1 miles of cable median barrier system along a portion of I-10		
06/15-05/16	H.010922.5 LA 88 Realignment/Iberia Parish Cad Tech for the topographic survey for the realignment of LA 88 to eliminate two severe curves		
05/15-08/15	H.011100.5 LA 3059 Realignment/Calcasieu and Jefferson Davis Parishes Cad Tech for the topographic survey associated with the LA 3059 Realignment		
05/13-06/14	H.004983 US Highway 11 Widening/ St. Tammany Parish Cad Tech for complete topographic survey of 2.8 miles along US Highway 11		
04/12-05/13	T.O. H.002980.5 Topographic survey of I-10 Overpass over US 165 & M.P.R.R., Route I-10 Jefferson Davis Cad Tech for topographic survey of 2.6 miles of I-10		
03/14-05/14	T.O. No. H.008335 LA 91 Drainage Canal Bridge/ St. Landry Parish Cad Tech for property surveys, and right of way maps for acquisition of 5 parcels associated with a bridge replacement		
01/12-02/12	T.O. H.002048.5 LA 82 Bridges near Esther /Vermilion Parish Cad Tech for property lines and right of way maps for 9 property owners		
03/12-05/12	H.000870 You Winn Road/Gloria Drive @ US 171/ Calcasieu Parish Cad Tech for ½ mile property surveys and right of way maps for acquisition of 9 parcels for re-alignment of You Winn Road with Gloria Drive at the intersection with US 171		
12/09-08/12	T.O. H.002095.5 LA 97/ Jefferson Davis Parish Cad Tech for property surveys and right of way maps for acquisition of 40 parcels necessary for creating two travel lanes with center turn lane in the City of Jennings		

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.			
Name	Joshua P. Soileau		Years of relevant experience with this employer
Title	Professional Land Surveyor		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Civil Engineering Technology 1997 & BS in Business Administration 2020	
Active registration number / state / expiration date		5242/LA/03/31/2023	
Year registered	2020	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Direction of field topographic & property surveys and office support	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).		
06/20-06/22	T.O. H.012295.5 New Iberia Sidewalks IDIQ ADA Task Order Professional surveyor of record for this 18 mile long topographic survey along the LA 182 couplet (Main & St. Peter Street) through the downtown area of the City of New Iberia consisting of establishment of horizontal G.P.S. control monuments with closure sketch; establishment of looped vertical T.B.M. control grid; complete topographic survey of roadway and sidewalks from building face to building face or R.O.W. to R.O.W.; preparation of digital terrain model ((D.T.M.); processing, plotting and preparation of CAD files and drawings for in excess of 40,000 data points collected by the topographic survey.		
01/21-03/21	S.P. H.014235 DOTD Federal Aid Off System Highway Bridge Program, Jefferson Davis Parish Survey supervisor for topographic survey for 1 bridge replacement site		
02/21-03/21	S.P. H.014273 DOTD Federal Aid Off System Highway Bridge Program, Avoyelles Parish Survey supervisor for topographic survey for 1 bridge replacement site		
04/21-05/21	S.P. H.014337 DOTD Federal Aid Off System Highway Bridge Program, Avoyelles Parish Survey supervisor for topographic survey for 1 bridge replacement site		
01/19-11/19	S.P. H.013120.5 DOTD Federal Aid Off-System Highway Bridge Program, Rapides Parish Provided field survey supervision for the topographic survey for 1 bridge structure		
12/18-08/19	S.P. H.013140.5 DOTD Federal Aid Off-System Highway Bridge Program, Iberia Parish Provided field survey supervision for the topographic survey for 1 bridge structure		
01/19-11/19	S.P. H.013142.5 DOTD Federal Aid Off-System Highway Bridge Program, St. Martin Parish Provided field survey supervision for the topographic survey for 1 bridge structure		
01/19-12/19	S.P. H.013127.5 DOTD Federal Aid Off-System Highway Bridge Program, Ouachita Parish Provided field survey supervision for the topographic survey for 2 bridge structures		
01/20-04/20	Calcasieu Parish Police Jury Big-Woods Starks Bridge Replacement Field Survey Supervisor for topographic survey on 1 bridge replacement site. Calcasieu Parish Police Jury utilizes survey scope and procedures very similar to those utilized for the DOTD Federal Aid Off-System Bridge Replacement Program.		

16. Joshua Soileau – Continued

01/20-04/20	Calcasieu Parish Police Jury Alta Road Bridge Replacement Field Survey Supervisor for topographic survey on 1 bridge replacement site. Calcasieu Parish Police Jury utilizes survey scope and procedures very similar to those utilized for the DOTD Federal Aid Off-System Bridge Replacement Program.
10/09-05/10	S.P. 700-99-0391, T.O. No. 701-65-1374 US 165, Jefferson Davis Parish Field Supervisor for topographic survey on 4 bridge replacement sites
01/20-04/20	Boan Construction Evangeline Parish Field Survey Supervisor for 7.3 mile route survey for installation of 20" pipeline including alignment sheets, right of way maps, permit maps, asbuilt mapping and weld map
01/13-12/18	Boardwalk Louisiana Midstream Calcasieu Parish Field Survey Supervisor for approximately 20 miles of route surveys and topographic surveys for storage facility including alignment sheets, right of way maps, permitting, topographic and asbuilt maps
02/14-12/18	Tractor Supply St. Landry, Winn, Tangipahoa, Lafourche, Jefferson Davis, West Feliciana Parish Field Survey Supervisor for (6) ALTA surveys for various engineering firms for the construction of Tractor Supply stores in various locations.
02/16-02/17	Bilwood Smith Jefferson Davis Parish Field Supervisor for 88 acre and 17 acre boundary and topographic survey for RV park and future subdivision development.
05/08-10/10	CLECO Power, LLC Acadia, Lafayette, Iberia, and St. Martin Parish Field Supervisor for Acadiana Load Pocket Project consisting of approximately 48 miles of route survey and right of way mapping for construction of overhead transmission lines
01/07-01/08	Petrologistics Calcasieu Parish Field Supervisor for approximately 15 mile route survey for multi-pipeline corridor including alignment sheets, right of way maps, permitting, topographic and asbuilt maps

16. Staff Experience:

Firm employed by Aucoin & Associates, Inc.			
Name	Karen Vidrine		Years of relevant experience with this employer
Title	Cadd Operator		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Engineering Tech/1982/Engineer Aid		
Active registration number / state / expiration date	N/A		
Year registered		Discipline	N/A
Contract role(s) / brief description of responsibilities	Cadd Operator providing technical assistance to engineers and surveyors and supervision of all Cadd activities associated with preparation of preliminary and final plans		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/15-11/21	H.010922.5 LA 88 Realignment/ Iberia Parish Cadd Operator for the realignment of LA 88 to eliminate two severe curves and provide a facility which would safely serve larger vehicles		
10/15-07/16	H.010864 I-10 Cable Barrier Installation/ Jefferson Davis and Calcasieu Parishes Cadd Operator on this highway safety improvement project which consisted of installing 30.1 miles of cable median barrier system along a portion of I-10		
03/12-07/16	H.000870 You Winn Road @ U.S. 171/ Calcasieu Parish Cadd Operator for topographic survey, property survey and right of way maps associated with intersection safety improvement of You Winn Road with Gloria Drive at their intersection with US 171		
05/15-08/15	H.011100.5 LA 3059 Realignment/ Calcasieu and Jefferson Davis Parishes Cadd Operator for topographic survey for this highway improvement project which consisted of the realignment of LA 3059 to eliminate 2 severe curves for safety improvement		
05/13-06/14	H.004983 US Highway 11 Widening/ St. Tammany Parish Cadd Operator for complete topographic survey of 2.8 miles along US Highway 11		
03/14-05/14	4400001599, T.O. No. H.008335 LA 91 Drainage Canal Bridge/ St. Landry Parish Cadd Operator for 5 property surveys, and right of way maps for bridge replacement		
04/12-05/13	4400001599, T.O. H.002980.5 I-10 Overpass over US 165 & M.P.R.R./I-10/ Jefferson Davis Parish Cadd Operator for topographic survey of 2.6 miles of I-10		
08/12	H.002095.5, T.O. No. H.002095.5 LA 97 Widening/ Jefferson Davis Parish Cadd Operator for property survey and right of way map		
11/98-10/11	700-30-0201 LA 28 From Vernon Parish Line to LA 121/ Rapides Parish Cadd Operator for topographic survey necessary for roadway improvement plan development on 8 miles of rural highway		
10/09-05/10	700-99-0391, T.O. No. 701-65-1374 US 165/ Jefferson Davis Parish Cadd Operator for topographic survey on 4 bridge replacement sites		

16. Karen Vidrine Continued:

02/02-07/09	700-09-0144 I-49 North South Expressway/ Caddo Parish Cadd Operator for topographic survey, property survey, and right of way maps associated with plan development and right of way acquisition of 3.75 miles of new interstate highway
06/07-10/11	S.P. 700-10-0145 Park Road at Recreation Boulevard/Calcasieu Parish Cadd technician providing technical support to project design engineers with development of existing and proposed earthwork surface models and calculation of plan quantities for this 0.25 mile roadway widening project. Karen also participated in coordination and supervision of all drafting activities associated with the topographic and property survey, right of way maps, preliminary and final plans
10/04-02/06	700-99-0326, T.O. No. 701-65-0514 LA 1/ Mansura to Marksville/ Avoyelles Parish Cadd Operator on 5 different task orders which included property surveys, right of way maps, title research and updates for approximately 160 parcels to be acquired
05/05-09/06	700-99-0326, T.O. No. 701-65-0596 LA 103/ Bayou Courtableau Bridge/ St. Landry Parish Cadd Operator for property surveys, right of way maps, title research reports and updates, necessary for right of way acquisition associated with approach roadway realignment and bridge replacement
05/05-08/05	700-99-0326, T.O. No. 701-65-0563 LA 363/ Bridge Replacement/ St. Landry Parish Cadd Operator for property surveys, right of way maps, title research reports and updates associated with right of way acquisition for bridge replacement
09/04-12/06	700-99-0326, T.O. No. 701-65-0508 LA 35/ Bridge Replacements/ St. Landry Parish Cadd Operator for property surveys, right of way maps and title updates necessary for right of way acquisition on bridge replacement projects
10/00-04/06	700-37-0101 US 165/ Caldwell Parish Line to LA 841/ Ouachita Parish Cadd Operator for topographic survey, property survey and right of way maps associated with roadway improvement plan development and right of way acquisition for 4.5 miles of rural highway
05/00-01/01	700-99-0188, T.O. No. 701-65-0141 US 84 from Junction LA 129 to US 165/ Concordia Parish Cadd Operator for preparation of right of way map for approximately 78 parcels to be acquired
05/00-08/00	700-99-0188, T.O. No. 701-65-0103 Southern Pacific Railroad Overpass/ Jefferson Davis Parish Cadd Operator for preparation of right of way maps necessary for acquisition
02/99-06/00	700-99-0188, T.O. No. 701-65-0083 LA 8 from Texas State Line to Caney/ Vernon Parish Cadd Operator for property survey and right of way maps for approximately 129 parcels to be acquired
09/99-02/00	700-99-0188, T.O. No. 701-65-0107 US 167 from Jackson Parish Line to LA 3061/ Lincoln Parish Cadd Operator of preparation of right of way maps necessary for acquisition of approximately 40 parcels
09/98-12-98	700-99-0188, T.O. No. 701-65-0054 LA 653/ Lafourche Parish Cadd Operator of property surveys and right of way maps necessary for acquisition of approximately 13 parcels

16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC				
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer	7
Title	Principal		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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-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.			
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street . From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.			
04/14 – 12/14	H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA) As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.			

07/12-03/14	EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA) Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals . She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA) Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals . She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA) Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout . Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA) Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate . This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA) Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP		Years of relevant experience with this employer	7
Title	Principal		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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).			
06/21 – 02/22	H.013267 Capital Area Pathways Project (Baton Rouge, LA) Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic study included traffic data collection, safety analysis, existing conditions analysis and alternative analysis . Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.			
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the travel demand model to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided peer review for the traffic studies for Ben Hur Road and Lee Drive.			
04/18 – 12/21	H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA) Laurence provided a Quality Control review of the temporary construction and sequence of construction plans . Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.			
04/18 – 12/21	H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish, LA) Laurence provided a Quality Control review of the temporary construction and sequence of construction plans . Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.			
02/20 – 09/21	College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA) Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required . Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.			
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street . From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.			
10/17 - 10/18	H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA) Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes . Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.			

09/16 - 04/17	H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA) Laurence was the lead traffic engineer for a DOTD traffic study for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM traffic simulation model of the preferred alternative.
07/14 - 01/17	FHWA Intersection & Interchange Geometrics: Innovative Design Considerations for All Users (Multiple States) FHWA funded workshops for state Departments of Transportation that were interested in learning more about innovative intersection & interchange design. Laurence presented either part or all the one-day or two-day workshops that included modules on the overall policy and goals of FHWA for these types of innovations, roundabouts, roundabout interchanges, DLTs, DDIs, J-turns / Superstreets, MUT, Thru-turns, quadrant, and the assessment tools (CAP-X) available to compare the measures of effectiveness of each innovation. Each module includes sections on design, traffic operations, safety and multi-modal accommodation Laurence has presented for the Alabama, Kentucky, Ohio, Oklahoma, Massachusetts, Tennessee, and Texas Departments of Transportation under this contract.
06/16 - 09/17	H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA) Laurence performed a Stage 0 Feasibility Study for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines . Once the traffic data was collected, Laurence performed traffic signal warrants analyses , performed a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.
03/10 - 11/11	S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA) This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the Stage 0 , Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).
09/06 - 09/07	EBR 06-CS-HC-00012 Downtown Baton Rouge Signal Project (Baton Rouge) Laurence was the Project Manager to develop construction plans to upgrade 29 signals in downtown Baton Rouge as part of the EBR Green Light Plan. Laurence developed a design study that included traffic data collection , handicap ramp recommendations, countdown pedestrian signals and internally illuminated street name signs.
04/04 - 09/06	Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA) Laurence was the lead traffic engineer for a Stage 0 traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC TransCAD model growth rates. Using HCS, Laurence analyzed signalized and unsignalized intersections , basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	Reece Rodrigue, PE, PTOE, RSP1		Years of relevant experience with this employer
Title	Project Traffic Engineer		Years of relevant experience with other employer(s)
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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-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.		
04/20 - current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse) Reece is the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan, which were also used in planning for the permanent and temporary signal timing plans. Reece was also produced permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated STOP bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. Reece maintains correspondence with the fellow design engineering team for product consistency. In addition, Reece reviewed and approved shop drawings that were submitted by the contractor.		
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.		

02/20 – 09/21	College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA) Reece was the task leader for organizing and formatting the data collection of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 – 12/19	Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.
02/16 - 12/16	H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish) Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the preliminary plans using CAD software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	Ochsner Main Campus Traffic Signals (Jefferson Parish) Reece served as a design engineer for the traffic signal plans for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic to determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.
10/16 – 05/17	Loyola Interchange Modification Request, Kenner, LA Reece was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration.
02/15 – 12/15	H.011646 Retainer Contract for DOTD District 02 Traffic Signal Inventories - Nola 3 Reece served as the lead engineer in the production of the traffic study for the District 02 Traffic Signal Inventories. The objective was to effectively correct the progression of traffic through the US 90 (Broad St) corridor. He reviewed vehicle crash data at all intersections in the study scope. He conducted travel time runs. He created a model with existing traffic signal timing information using Synchro 8 Software. He recommended traffic signal pedestrian clearance times and yellow and red clearance times for each intersection. He used MicroStation V8i when designing traffic signal plans in DOTD's TSI format.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Kristen Gahagan Farrington, PE, PTOE, RSP1		Years of relevant experience with this employer	2
Title	Project Traffic Engineer		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 / 3/31/2023	
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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).			
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 <i>FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations</i> 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.			
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.			
6/19 - 2/21	H.013460 US 167 Improvements Stage 0 Enola Street to Ross Road (Evangeline Parish, LA) Kristen served as project manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.			
04/19 – 6/21	H.013817.1 LA 117 Improvements Stage 0 (Vernon and Natchitoches Parishes, LA) Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure the purpose and need of project is met.			

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

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Bridget Scheyd Robicheaux, PE, PTOE (Part-Time)		Years of relevant experience with this employer	5
Title	Project Traffic Engineer		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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-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 tasks 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.			
07/18 – 04/19	LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA Bridget assisted Brin with the crosswalk study by pulling and formatting the crash data. She also assisted Brin with the crash analysis and formatting the findings.			
10/17 - 07/18	Travel Demand Model Update: Southeast Louisiana Travel Model (New Orleans, LA) Bridget developed base year traffic volumes to calibrate and test of the regional travel demand as part of updating the New Orleans Regional Planning Commission Travel Demand Model in TransCAD . Specifically, Bridget obtained and reviewed the over 4,000 traffic counts (cars / trucks) that were used in the validation of the SELATRAM model to check for consistency, reasonableness, and completeness. She tabulated her results in a spreadsheet that was included in a technical memorandum.			

09/17 - 11/17	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study (St. Tammany Parish, LA) Bridget participated in the development of a Crosswalk Traffic Engineering Study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). Bridget processed raw traffic videos and developed AM and PM peak period turning movement vehicle count figures. She also assisted Brin with a PTV Vistro model for the AM and PM Peaks for the five intersections for capacity analyses as well as progression analyses. She also developed portions of the report.
02/17 - 10/17	Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA) Bridget participated in the development of a Stage 0 Feasibility Study for roundabouts at four intersections in St. Tammany Parish. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic turning movement counts for morning and evening peak periods including peak hour factor and heavy vehicle percentages. Growth rates for design year volumes were also developed based on information provided from the TransCAD model . She performed portions of the Sidra unsignalized, signalized and roundabout analyses for implementation and design years and report development.
06/16 - 09/17	H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA) Bridget assisted with developing a Stage 0 Feasibility Study for roundabouts at seven intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic turning movement counts diagrams for peak periods including peak hour factor and heavy vehicle percentages. She developed the speed data analyses as well as assisted with performing Sidra unsignalized, signalized and roundabout analyses for implementation and design years. Bridget also developed several figures that were included in the report.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Clara Williams Foshee, PE (Part-Time)		Years of relevant experience with this employer	1
Title	Project Traffic Engineer		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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-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.			
1/19 – 3/19	Unserviced Demand Data Collection and Peak-Hour Determination Spreadsheets (Hammond, LA) Clara was a traffic engineering team member in the design and production of a set of spreadsheets intended to standardize how unserviced demand is collected and how peak-hours are determined from peak-periods . Working closely with fellow traffic engineers at District 62, she co-created a document containing multiple spreadsheets designed to allow the input of unserviced demand data collected in the field for various intersection types and configurations. This document then outputted reliable and accurate unserviced demand data to be used in studies and reports throughout District 62. While creating this unserviced demand document, she concurrently co-created a document containing multiple spreadsheets designed to determine the most appropriate and accurate peak-hour from a given set of volumes over a peak-period. Both documents took weeks to create and were continuously reviewed and edited to ensure they were as accurate as possible.			

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	Ronald St. Angelo		Years of relevant experience with this employer
Title	Construction Specialist		<1
Degree(s) / Years / Specialization		High School Diploma / 1975	
Active registration number / state / expiration date			
Year registered	Civil	Discipline	
Contract role(s) / brief description of responsibilities		Senior-level Construction Specialist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).		
02/03 – 04/23	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.		
07/75 – 01/03	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.		

17. Firm Experience:

Firm name	Aucoin & Associates, Inc.			Past Performance Evaluation Discipline(s)*	Road	
Project name	LA 3059 Realign @ Parish Line				Firm responsibility (prime or sub?)	Prime
Project number	H.011100.5		Owner's name			
Project location	Calcasieu & Jefferson Davis Parishes			Owner's Project Manager	Melissa LeBas	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1200					
Services commenced by this firm (mm/yy)		05/15	Total consultant contract cost (\$1,000's)			\$167
Services completed by this firm (mm/yy)		09/17	Cost of consultant services provided by this firm (\$1,000's)			\$

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

Contract No. 4400004401 IDIQ Contract for Highway Safety – Task Order No. H.011100.5

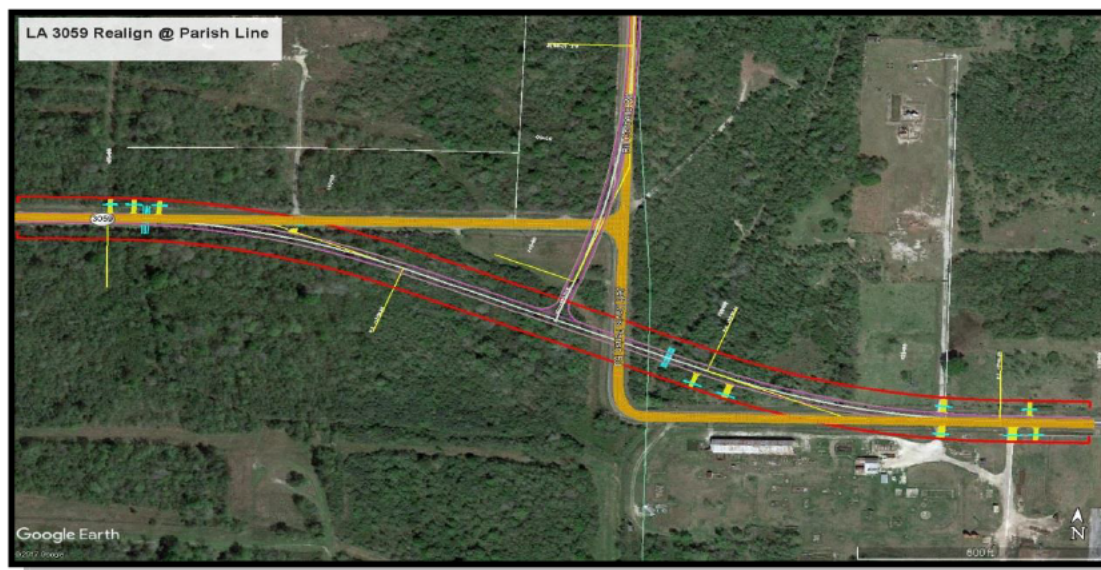
A&A was the prime consultant on this highway safety improvement project which consisted of realigning LA 3059 to eliminate 2 severe curves and provide a facility which would serve larger vehicles. The realignment included intersections to connect the existing LA 3059 and Parish Line Road. The project is located in Calcasieu and Jefferson Davis Parishes, beginning approximately 0.24 miles west of the intersection of LA 3059 and Parish Line Road. Services performed as part of this Task Order included topographic survey, title research, property survey, preliminary plans, sequence of construction, hydraulic design, and construction cost estimates. Preliminary plans are 100 % complete. The project plans were terminated after preliminary plans due to utility conflicts and relocation funding issues.

Key staff members included:

Karl Aucoin
David Hidalgo
Karen Vidrine
Amber Nicholson

Services Provided:

- Topographic Survey
- Title Reports
- Property Survey
- Preliminary Plans
- Sequence of Construction
- Hydraulic Design
- Construction Cost Estimate



17. Firm Experience:

Firm name	Aucoin & Associates, Inc.			Past Performance Evaluation Discipline(s)*	Road
Project name	LA 88 Realign			Firm responsibility (prime or sub?)	Prime
Project number	H.010922	Owner's name	LA DOTD		
Project location	Iberia Parish			Owner's Project Manager	Brent Domingue
Owner's address, phone, email	2901 E. Simcoe Street, Lafayette, LA 70501, 337-262-6210, brent.domingue@la.gov				
Services commenced by this firm (mm/yy)	06/15	Total consultant contract cost (\$1,000's)			\$409
Services completed by this firm (mm/yy)	07/17	Cost of consultant services provided by this firm (\$1,000's)			

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

Contract No. 4400004401- IDIQ Contract for Highway Safety-Task Order No. H.010922

A&A was the prime consultant for the Retainer Contract for Highway Safety. Task Order No. H.010922 consisted of re-aligning LA 88 to eliminate two severe curves where numerous crashes have occurred. Large trucks and farm vehicles were having difficulty maneuvering the curves. The realigned roadway provides a facility which will safely serve larger vehicles. The project included a center left turn lane and connectors to tie back into the existing roadways. A&A provided surveying services, preliminary plans and final plans for the realignment project. The project is located in Iberia Parish on LA 88, beginning approximately 0.65 miles east of the intersection of US 90 and LA 88. The topographic survey included all utilities with depths, existing drainage structures, ditches and finished floor elevations. A&A worked directly with District 03 to achieve project safety goals. The design considers minimizing impact to significant trees within the project right-of-way. Preliminary plans are 100% complete. Final plans will begin once the project has environmental clearance.

**Services Provided:**

Conceptual Design
Topographic Survey
Title Research
Property Survey
Right-Of-Way Maps
Preliminary Plans
Sub-Grade Soil Survey Location Plans
Public Hearing Exhibits
Hydraulics
Final Plans
Construction Cost Estimate

Members Included: **Karl Aucoin, David Hidalgo, Karen Vidrine, Amber Nicholson**

17. Firm Experience:

Firm name	Aucoin & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Road
Project name	US 90 Ramps @ LA 88 Roundabouts		Firm responsibility (prime or sub?)	Prime
Project number	H.011495	Owner's name	LA DOTD	
Project location	Iberia Parish		Owner's Project Manager	Brent Domingue
Owner's address, phone, email	2901 E. Simcoe Street, Lafayette, LA 70501, 337-262-6210, brent.domingue@la.gov			
Services commenced by this firm (mm/yy)	11/16	Total consultant contract cost (\$1,000's)		\$549
Services completed by this firm (mm/yy)	11/18	Cost of consultant services provided by this firm (\$1,000's)		\$505

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

Contract No. 4400004401- IDIQ Contract for Highway Safety-Task Order No. H.011495

A&A was the prime consultant for the Retainer Contract for Highway Safety. Task Order No. H.011495 consisted of developing construction plans to install two single-lane roundabouts at the US 90 ramp terminals where it intersects LA 88. It also includes modifying the LA 88 and service road intersections to J-Turn intersections and installing additional U-Turn locations to accommodate U-Turn movements. US 90 at LA 88 is currently listed on the 2010-2012 Abnormal intersection list for crashes. The purpose of the project is to reduce crashes and provide the most efficient intersections as the area continues to grow. A&A teamed with sub-consultant Arcadis to develop the project. A&A provided project management QC/QA services for the plans prepared by Arcadis. The team worked directly with District 03 to achieve project safety goals.



Services provided by A&A:

- Project Administration
- QC/QA

Members included:

Karl Aucoin
David Hidalgo
Karen Vidrine

17. Firm Experience:

Firm name	Aucoin & Associates, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	LA 182 New Iberia Sidewalks	Firm responsibility (prime or sub?)	Prime
Project number	H.01295	Owner's name	LA DOTD
Project location	Iberia Parish	Owner's Project Manager	Ryan Morvant
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1067, Ryan.Morvant@LA.GOV		
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost (\$1,000's)	383,865
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm (\$1,000's)	

Contract No. 4400011230 - IDIQ ADA Contract Task Order No. H.01295

A&A conducted a topographic survey to utilize in the development of design and construction plans for concrete sidewalks and shared use path. Survey data included roadways, curb, ramps, surface drainage features, trees, signs, drainage structures in conflict with proposed sidewalk, immovable structures, and finished floors of buildings within DTM. A&A identified and surveyed existing horizontal location of utilities utilizing LA ONE CALL and visual evidence.

LA 182 is a couplet that has both an eastbound and westbound roadway. The survey was conducted along both roadways of the couplet. The survey began 1100 feet northwest of the intersection of LA 182 and Barbin Reaux Drive and ran southeast along LA 182 for 4.58 miles. The survey included both sides of the road, and extended out 10 feet beyond the existing right of way or the outer edge of the proposed sidewalk as well as all intersecting roads between the couplet. The entire length of survey was approximately 18 miles.

Key staff members included Karl Aucoin, Joshua Soileau, Amber Nicholson, Brett Bordelon

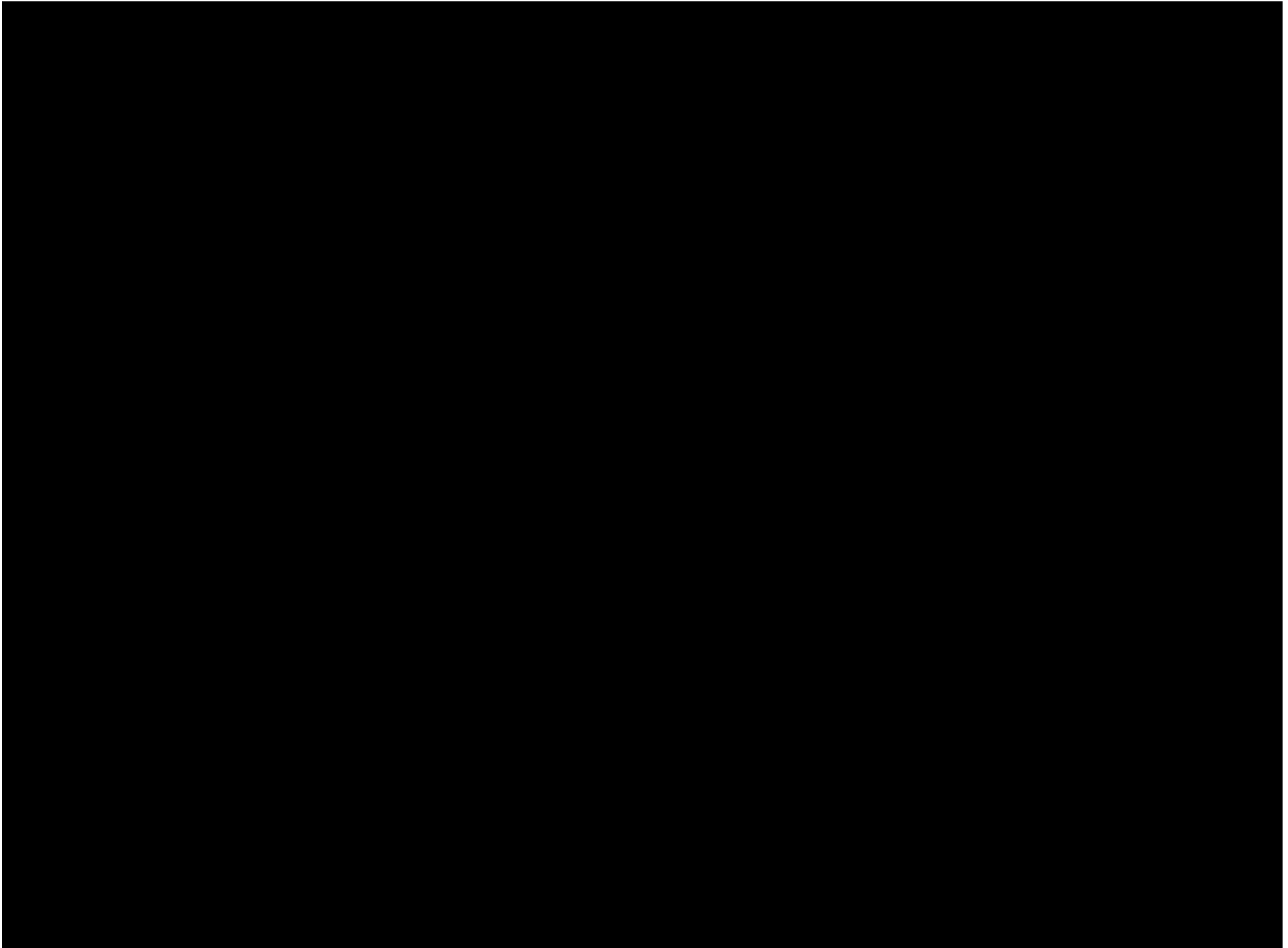
17. Firm Experience:

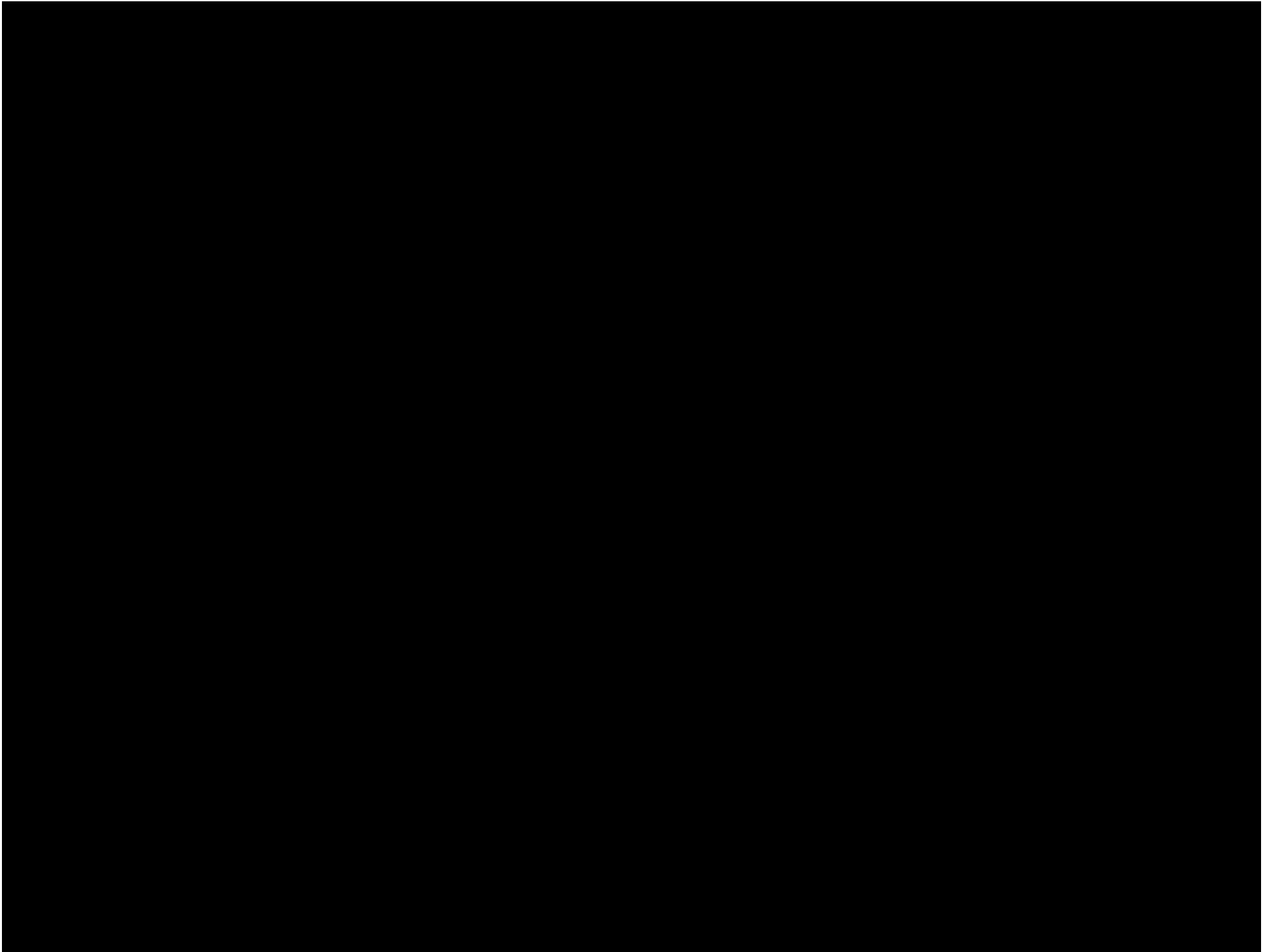
Firm name	Aucoin & Associates, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	Civic Center Sidewalks	Firm responsibility (prime or sub?)	Prime
Project number	H.012338	Owner's name	LA DOTD
Project location	Terrebonne Parish	Owner's Project Manager	Tanya Bankston
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802		
Services commenced by this firm (mm/yy)	03/18	Total consultant contract cost (\$1,000's)	46
Services completed by this firm (mm/yy)	02/20	Cost of consultant services provided by this firm (\$1,000's)	

Contract No. 4400010400

A&A was the prime consultant on this sidewalk project in Houma, LA. A&A performed a complete topographic survey including all utilities, drainage structures, edge of existing roadway/pavement, overhead structures, trees, billboards/signs, driveways, ground and dtm elevations, and turning lanes to develop preliminary and final plan drawings for construction of 3,000 L.F. of sidewalks on both sides of Civic Center Blvd.

Key staff members included
Karl Aucoin, David Hidalgo,
Karen Vidrine, Amber Nicholson





17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Category(ies)*	Traffic
Project name	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	DOTD
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	09/16	Total consultant contract cost (\$1,000's)	\$1,895
Services completed by this firm	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



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

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Category(ies)*	Traffic
Project name	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	07/19	Total consultant contract cost (\$1,000's)	unknown
Services completed by this firm	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. 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.

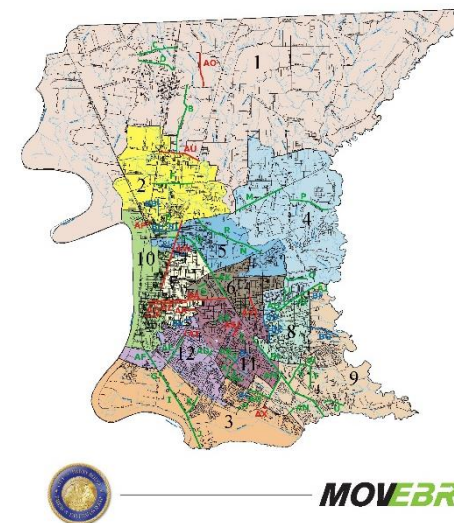
Build Year Alternative Analyses

- 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

- 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

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, Bridget Robicheaux, Reece Rodrigue, Kristen Farrington and Clara Foshee (100% performed in Louisiana)



17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Category(ies)*	Traffic
Project name	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@wbr council.org		
Services commenced by this firm	11/20	Total consultant contract cost (\$1,000's)	\$22.000
Services completed by this firm	12/21	Cost of consultant services provided by this firm (\$1,000's)	\$22.000

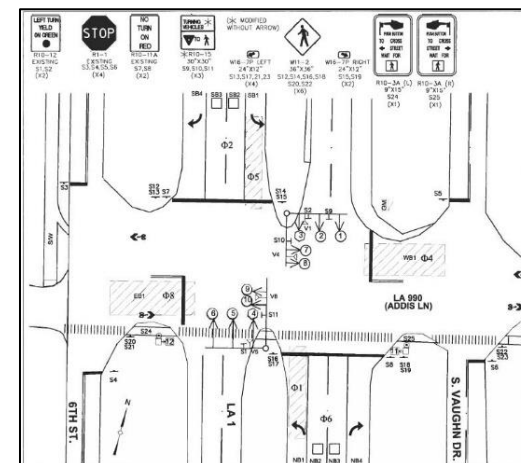
Vectura was hired by West Baton Rouge Parish to perform a Crosswalk Traffic Engineering study and to develop Traffic Signal Design plans for the intersection of LA 1 and LA 990 (Addis Lane) in Addis, LA. The crosswalk was first conceptualized as part of a trail that connects the Mississippi River Trail 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



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

18. Approach and Methodology:

IDIQ Contract Focus, Purpose, & Goal

The focus and purpose of this IDIQ Contract will be to support local public agencies (L.P.A.'s) with planning, field data collection, design, permitting & construction support services for safety funded projects through an engineering services contract with LA DOTD. Typical task orders for these safety projects could include roadway intersection improvements, roadway realignments, roadway signing and pavement marking, as well as construction of safe and ADA compliant pedestrian sidewalks routes to schools, recreational facilities and other government agency public assistance buildings and facilities.

The goal of the A&A / Vectura team is to provide quality field data collection and design services to successfully implement the construction of the needed transportation projects on behalf of the L.P.A.'s through the LA DOTD agency. The typical scopes of services for these projects could include topographic surveys, crash studies, traffic studies, traffic signal analysis and design, roadway design with associated hydraulic analysis, sidewalk design, traffic management plans, environmental permitting, and construction support.

IDIQ Project Approach & Methodology

1.) Project Kickoff Meeting

When a task order has been identified, a kick-off meeting between the DOTD PM, Local Public Agency (L.P.A.) Representative In Responsible Charge and management staff from the Aucoin / Vectura team. Through this meeting a clear understanding of the L.P.A.'s needs and goals will be communicated. With these detailed needs and goals the consultant team will be tasked to prepare a feasibility report in conformance with "Local Road Safety Program (LRSP) and Safe Routes to Public Places (SRTPP) project feasibility report minimum requirements.

2.) Project Feasibility Report

The consultant team will first of all conduct a field reconnaissance of the project route and gather any available data such as studies, surveys, and construction plans from the LPA or DOTD.

The consultant team will then prepare project feasibility report with a detailed description of the safety issue and transportation infrastructure improvement or construction required to enhance safety of motorists, pedestrians or bikers. All data acquisition, plan development, permitting and right of way acquisition and construction services will be scoped with associated fee proposals and service delivery schedule.

3.) Topographic Survey

It's anticipated that most task orders will entail some form of topographic survey. Typical topographic surveys include the following steps.

The first step of the topographic survey will be to obtain a list of property owners along the survey route and acquire permission before entering the property.

The second step of the topographic survey will entail establishing GPS control monuments near the proposed termini and at appropriate intervals between them.

A closure loop will then be established between the GPS control monuments to ascertain accuracy of the coordinates of the control monuments. Once accuracy of control has been established the actual topographic survey may be initiated.

The topographic survey will commence with obtaining a D.T.M. (digital terrain model) along the survey line of a width commensurate with the approximate width of anticipated required right of way line determined within the corridor study.

The next step of the topographic survey will be the utility survey and will be initiated with an LA One Call to have area utility companies mark their utility lines. We will request that the utility company meet onsite with our field survey party chief as locations, types, sizes and depths of underground utilities are located and marked. If evident unmarked utilities are discovered, A&A will

18. Approach and Methodology:

make a diligent attempt to locate and notify the subject utility of needed utility locates and marking. DOTD will be notified of any evident utility companies which are uncooperative with LA One Call or other forms of notifications.

Upon completion of the utility survey, the topographic survey will continue gathering of all data to reflect existing features such as roadways, driveways, structures, drainage culverts, buildings, objects, tree lines etc. which could possibly effect the design for the proposed roadway and intersection improvements.

All field data will be post processed in the office and plotted by Cad technicians and drafters. The topographic survey will be generated and developed in general conformity with the LA DOTD Location Survey Manual and Procedures.

4.) Traffic Data Collection & Engineering

Vectura will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with the staff of DOTD through the development and implementation of the TEPR process. Five of our six Professional Engineers are certified PTOE's. All traffic engineers have successfully completed the TEPR course. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum scope for each project.

5.) Preliminary and Final Plan Development

Construction plan sheets will be developed by plotting the proposed roadway or sidewalk routes, limits with intersection and ramp geometry. Driveway and other encountered surface features will have to be evaluated for ADA requirements and any required ADA mitigation measures determined. Intersection and other required ramp details will be developed. A 60% preliminary plan design review will then be submitted to DOTD for review and comments. Upon receipt, 60% preliminary plan comments will be addressed. Preliminary quantities will be developed and 95% preliminary plans will be submitted to DOTD and a field plan in hand review scheduled.

Upon completion of the field plan in hand review, all comments generated will be incorporated into the form of final preliminary plans. The final preliminary plans will include right of way taking lines to be submitted to the professional surveyor of record for incorporation with his property survey and title reports for development of right of way acquisition maps.

The engineering design will now proceed into final plans where all elements of the plan drawings and details are finalized and construction contract provisions and specifications are developed to generate an advance check print review of the final plans. Comments from the ACP review will be addressed and final plan construction documents will be created. The final plan submittal will include a constructability review form and a construction cost estimate.

6.) Transportation Management Plan

Vectura will follow EDSM VI.1.1.8 that outlines what is required for a TMP. Vectura will coordinate with DOTD to obtain traffic volume and safety data for traffic study to perform safety analysis and alternative route analysis. If historic data is not available, Vectura will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with the staff of DOTD through the development and implementation of the TEPR process. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum detour route. Along with specifying the correct TTC Details, Vectura will coordinate with the road designers on a Work Zone Impact Management Strategy document to minimize risk and delays to the travel public.

7.) Traffic Signal Plans

Traffic signal plans will be prepared in the latest Traffic Signal Inventory format and generally follow the procedure outlined in the latest LA DOTD Traffic Signal Manual. Vectura proposes to prepare the signal layout that includes the proposed hardware

18. Approach and Methodology:

locations to include, but not be limited to, controller/cabinet, power source, signal support poles, signal heads, lane configuration and signal phasing. This should include any pedestrian signalization elements such as additional supports, audible equipment, push buttons, etc.

At each stage comment/responses will be provided. Minutes will also be prepared for any meetings to document questions, comments, discussions that impact the traffic signal design.

8.) Permitting

Concurrent with final plan development each project will be evaluated for Coastal Use, U.S.A.C.E. 404, Railroad & other cognizant, Federal, State & Local Entity permitting requirements. Required vicinity & layout maps, sketches, plan drawings and permit applications will be prepared for submittal by LA DOTD or the LPA to the cognizant permitting agency.

9.) Property Survey and Right of Way Maps

The first step is acquiring proposed taking lines (required right of way) from the design team.

Next would be to acquire title take-offs (current ownership) at parish court house.

Survey crew would go on the ground to recover horizontal control monuments. Title take-offs along with all other recorded documents (plats, maps, etc.) would be utilized during the field survey to establish property lines and existing right of way lines.

From the field survey, property sketches would be prepared and submitted for review.

Upon completion and approval of property sketches, base right of way maps would be prepared next.

Normally at this a joint plan review (JPR) meeting would be held to review the base right of way map. This meeting is attended by

design, mapping, utility, environmental, location and survey real estate teams.

Comments are developed by the JPR and then revised by right of way map preparer and re-submitted as final right of way maps for right of way acquisition.

Finally any title older than six (6) months would be updated and final maps revised accordingly.

10.) Construction Support

Subsequent to construction contract award in Stage 5, construction support services may be required by DOTD. The Aucoin / Vectura team will remain ready to provide construction on call support. Construction support services could include but not limited to shop drawing review, request for information (RFI's) or possibly plan revisions to address unforeseen site conditions. Shop drawing review shall include review of products and materials for conformance with the design concept. When RFI's from the field arise, timely response to such are vital to minimize costly delays in contract schedules. Any R.F.I's will be responded to in 48 hours.

18. Approach and Methodology:**11.) Conceptual IDIQ Task Order Schedule**

MONTH		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		36
Field Work, Data Collection, & Project Plan Development																																		
Scoping and Project Plan Delivery Plan Development																																		
Kickoff Meeting																																		
Field Visit, Data Collection & Feasibility Study																																		
Topographic Survey & Traffic Study																																		
Preliminary Plan Development																																		
60% Preliminary Plan Development																																		
95% Preliminary Plan Development																																		
Plan in Hand Meeting																																		
100% Preliminary Plan Development																																		
Final Plan Development																																		
60% Final Plan Development																																		
Property Survey, R.O.W. Maps, JPR & Permitting																																		
95% Final Plan Development																																		
Advanced Check Print (ACP) Meeting																																		
100% Final Plan Development																																		
Construction																																		
Project Letting																																		
Construction Support																																		

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**
A&A	Bridge	4400013402 S.P. H.013140.5	(OSBR) Eighty Arpent Road Bridge over Unnamed Coulee	\$745
A&A	Road	4400011230 S.P. H.009298.5	Town of Oberlin Sidewalks	\$20,020
A&A	Bridge	4400019167 H.014235.5	(OSBR) West Racca Rd./East Grand Marais Ditch	\$24,891
A&A	Bridge	4400021783 H.011963.5	LA 648 Drain Canal Bridge	\$84,185
A&A	Bridge	4400021783 H.011987.5	LA 182 Sandager Canal Bridge	\$17,840
A&A	Bridge	4400021783 H.011994.5	US 167 Bayou Grand Louis Bridge	\$19,309
A&A	Bridge	4400021783 H.012530.5	LA 3185 Drain Canal Bridges (4)	\$251,874
A&A	Bridge	4400021783 H.012532.5	LA 361 Drain Canal Bridge	\$19,309
A&A	Survey, Road	4400023706 S.P. H.012866	South College Road (LA 2025) Sidewalks	\$104,978
A&A	Survey, Road	4400023783 S.P. H.013453	Bayou Blue (LA 316) Sidewalks	\$124,680
A&A	Bridge	4400024587 S.P. H.014988.5	Cary Road over Blackwater Bayou	\$90,402
A&A	Bridge	4400025033 S.P. H.014978.5	Bellard Loop over Unnamed Drainage Ditch	\$83,025
Vectura	Traffic	H.010616	I-20: LA 544 Overpass Replacement	120,664
Vectura	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	51,079
Vectura	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	144,494
Vectura	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	49,600

Vectura	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	14,740
Vectura	Traffic	H.012030.5	KCS RR Overpasses HBI	28,026
Vectura	ITS	H.011504.5	Alexandria ITS Phase 2	54,179

20. Certifications/Licenses:

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



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES


David Hidalgo
has attended

Traffic Control Supervisor Refresher-LA State Specific
Training Course

3/13/2020 to 3/13/2020
Date

Vice President of Education and Technical
Services

Baton Rouge, LA
Location


President, CEO

A TSSA provides training and certification but neither constitutes employment by TSSA-



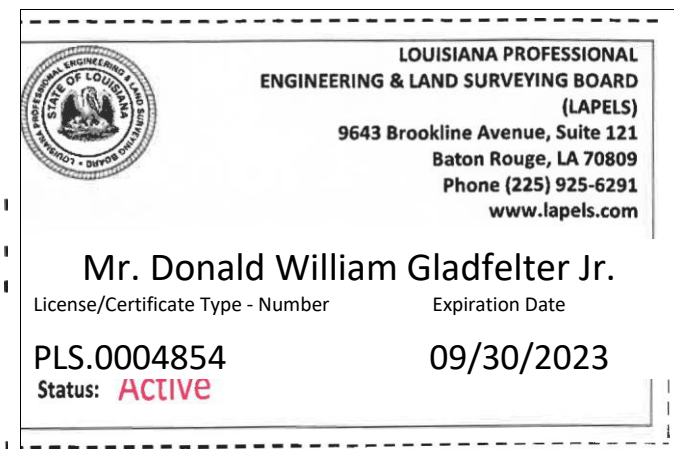
American Traffic

Services Association ATSSA.com

20. Certifications/Licenses:



20. Certifications/Licenses:



SAFETY COUNCIL

/ SAFETY FIRST. ALWAYS safetyswla.org



DON GLADFELTER JR

SWLA 1903367337
13 ssv 5/12/2015

Reciprocal Courses Exp. Date

13 Basic Plus Ref 6/2023



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

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. **Otherwise, leave this section blank.** 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
Vectura Consulting Services, LLC	4467 Bluebonnet Blvd., Suite A Baton Rouge, LA 70809-9639	Sheelagh Brin Ferlito, bferlito@vecuracs.com	225-223-6685

(Add rows as needed)

23. Location:

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