

ENTITY CONTRACT NO. 4400031004
STATE PROJECT NO. H.015580.5

NATCHITOCHES SAFE STREETS
REVITALIZATION

FOR



NOVEMBER 12, 2024

SUBMITTED BY:
HORIZON ENGINEERING, LLC



1013 N. CAUSEWAY BLVD., SUITE 201
METAIRIE, LOUISIANA 70001

DOTD FORM: 24-102**PROPOSAL TO PROVIDE CONSULTANT SERVICES**

(Revised September 17, 2024)

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

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

1. Contract Name as shown in the advertisement	NATCHITOCHES SAFE STREETS REVITALIZATION
2. Contract Number(s) as shown in the advertisement	4400031004
3. State Project Number(s), if shown in the advertisement	H.015580.5
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	Horizon Engineering, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0007715
6. Prime consultant mailing address	1013 N. Causeway Blvd., Suite 201 Metairie, LA 70001
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1013 N. Causeway Blvd., Suite 201 Metairie, LA 70001
8. Name, title, phone number, and email address of prime consultant's contract point of contact	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com

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

HORIZON ENGINEERING, LLC

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

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



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

November 12, 2024

Date:

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



Firm(s):
GOTECH, Inc.

Firm(s)' %:
10%






12. Past Performance Evaluation Discipline Table:


Past Performance Evaluation Discipline(s)	% of Overall Contract	Horizon Engineering, LLC (Prime)	C. H. Fenstermaker & Associates, L.L.C.	Ardaman & Associates, Inc.	GOTECH, Inc.	Alliance Transportation Group, LLC	Modjeski and Masters, Inc.	Each Discipline must total to 100%
Road	40%	90%	5%	0%	5%	0%	0%	100%
Survey	33%	0%	75%	0%	25%	0%	0%	100%
Traffic	17%	75%	0%	0%	0%	25%	0%	100%
Geotech	4%	0%	0%	100%	0%	0%	0%	100%
Other (Lighting)	5%	20%	0%	0%	0%	0%	80%	100%
CPM	1%	100%	0%	0%	0%	0%	0%	100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.								
Percent of Contract	100%	50.75%	26.75%	4%	10.25%	4.25%	4%	100%

13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel <u>committed to this contract</u>	Total number of personnel available in this DOTD Job Classification (if needed)
 <p>Horizon Engineering, LLC</p>	Principal	1	3
	Supervisor - Eng	0	3
	Engineer	2	3
	Environmental Pro ¹	0	1
	CADD Technician	1	1
	Inspector - Lead ²	1	1
	Inspector ²	2	4
 <p>C. H. Fenstermaker & Associates, L.L.C.</p>	Principal	1	3
	Supervisor - Eng	1	3
	Supervisor - Other	0	1
	Surveyor	1	5
	Engineer	1	12
	Engineer Intern	0	10
	Party Chief	2	14
	Instrument Man	2	7
	Rodman	2	2
	Senior Technician	1	8
	Technician	0	11
	GIS Analyst	0	5

HORIZON ENGINEERING, LLC

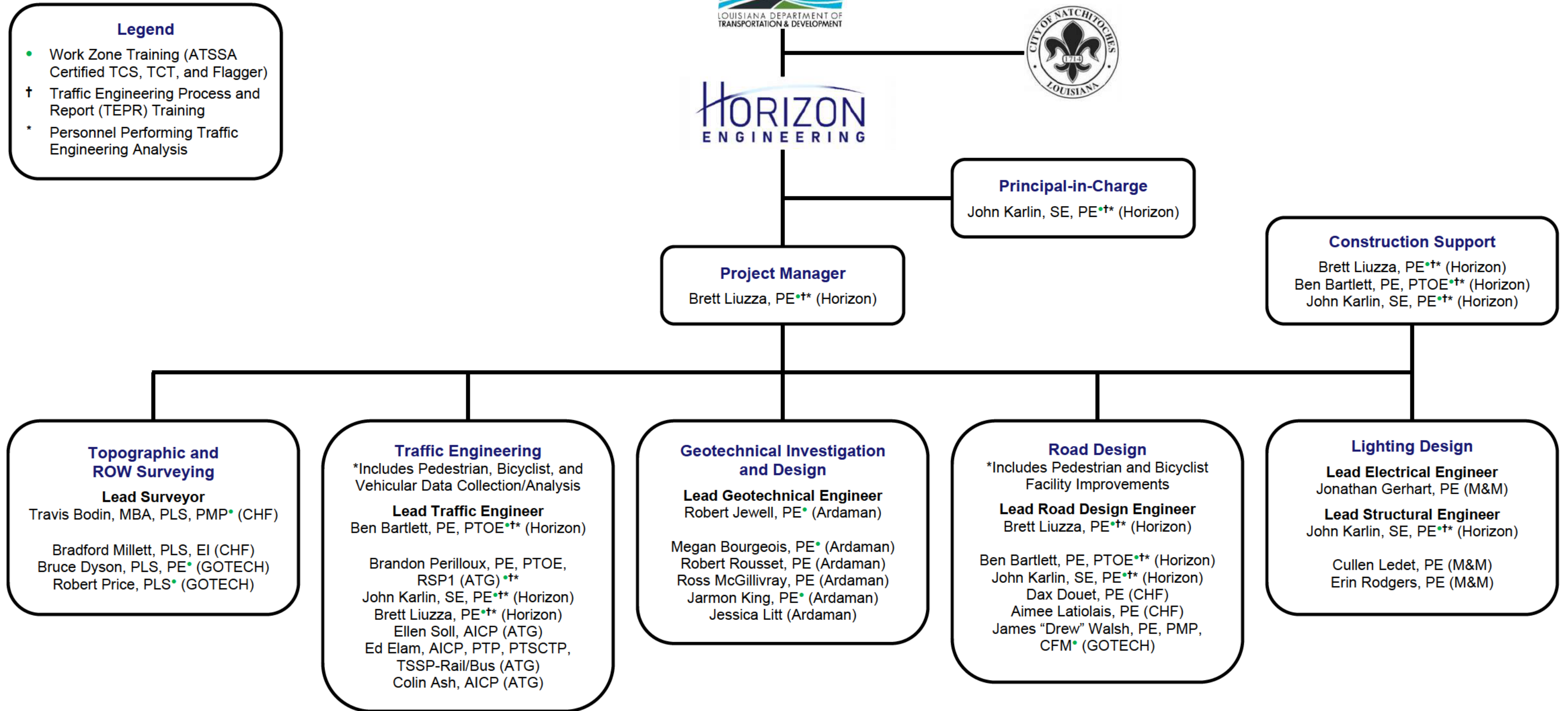
Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 C. H. Fenstermaker & Associates, L.L.C. (Continued)	CADD Operator	0	3
	Inspector - Lead	0	2
	Inspector - Certified	0	2
	Inspector	0	3
 Ardaman & Associates, Inc.	Principal	1	2
	Supervisor - Eng	1	3
	Supervisor - Other	2	2
	Engineer	2	4
	Engineer Intern	3	6
	Senior Technician	7	9
	Technician	10	14
 GOTECH, Inc.	Engineer	1	7
	Surveyor	2	2
	Party Chief	1	3
 Alliance Transportation Group, LLC	Planner ³	3	23
	Engineer	1	5
 Modjeski and Masters, Inc.	Principal	1	9
	Supervisor - Eng	1	14
	Supervisor - Other	0	7

Firm name	DOTD Job Classification	Number of personnel <u>committed to this contract</u>	Total number of personnel available in this DOTD Job Classification (if needed)
 MODJESKI and MASTERS Modjeski and Masters, Inc. (Continued)	Engineer	0	10
	Engineer - Other	1	12
	Engineer Intern	1	14
	Senior Technician	0	3
	Technician	0	3
	CADD Technician	1	7

¹Environmental Pro is available to assist with any potential environmental clearance issues if necessary.

²Inspectors will be used as needed for field investigation and traffic (vehicular and pedestrian) data collection/analysis.

³Planners from the City of Natchitoches Safe Streets for All (SS4A) comprehensive safety action plan will be used as needed to provide guidance to the design engineers regarding the project's background, community concerns and needs, and pedestrian and bicyclist safety considerations.

14. Organizational Chart:

15. Minimum Personnel Requirements:

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	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2025
2	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2025
3	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2025
4	Travis Bodin, MBA, PLS, PMP	C. H. Fenstermaker & Associates, L.L.C.	PLS #5067	LA	3/31/2026
5	Travis Bodin, MBA, PLS, PMP	C. H. Fenstermaker & Associates, L.L.C.	PLS #5067	LA	3/31/2026
6	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020 – Traffic Operations	LA USA	9/30/2026 3/29/2025
	Brandon Perilloux, PE, PTOE, RSP1	Alliance Transportation Group, LLC	PE #39968 – Civil PTOE #4432 – Traffic Operations	LA USA	03/31/2026 03/18/2027
7	Jonathan Gerhart, PE	Modjeski and Masters, Inc.	PE #43052 – Electrical	LA	3/31/2025
8	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511 – Structural	LA IL	3/31/2025 11/30/2024

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Brett Liuzza, PE		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			Bachelor of Science / 2008 / Civil Engineering	
Active registration number / state / expiration date			37753 / LA / 9/30/2025	
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Role: Project Manager and Lead Road Design Engineer (Satisfies MPRs 1, 2, and 3) Responsibilities: Road design (including pedestrian and bicyclist facilities), drainage design, traffic engineering, and coordination with City of Natchitoches and DOTD.	
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).			
05/08 – Present	<ul style="list-style-type: none">Over 16 years of road design, drainage design, and traffic engineering experience, including pavement preservation (asphalt mill and overlay and PCC pavement panel replacement) and improvements to pedestrian and bicyclist facilities.Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.Completed Louisiana State Civil Service CPTP SCS Cybersecurity WBT.			
07/13 – 04/16	Jefferson Parish Submerged Roadways Program Owner: Jefferson Parish. Scope: Evaluation of Hurricane Katrina related road damage and repair/replacement of deficient roads (85 PCC pavement streets and 8 miles of asphalt roads). Cost: ≈\$50,000,000 (est.). Role: Civil Engineer. Evaluated roadway damage. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, utility adjustments, and adjustments to drop inlets, manholes, and other drainage structures in the roadway. Prepared plans, specifications, and opinions of probable construction cost. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.			
05/21 – 12/22	RR122 and RR123 Marlyville-Fontainbleau Groups G and H (FRC) Owner: City of New Orleans. Scope: Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps. Cost: ≈\$23,000,000 (est.). Role: Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15” to 30” RCP, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.			
07/12 – 10/16	S.P. No. H.002550.6-R1 (Phase 1A) and H.009933.6 (Phase 1B) – MacArthur Interchange Completion Owner: LaDOTD. Scope: Construction of entrance/exit ramps for Westbank Expressway and relocation of frontage road and associated utilities. Cost: ≈\$42,000,000. Role: Civil Engineer. Designed roadway geometric layout, 15” to 48” RCP, 15” to 72” equivalent RCPA, 10” sewer force main relocation horizontally drilled underneath 4-lane roadway, and 8” water line relocation. Prepared plans, specifications, and opinion of probable construction cost.			

Brett Liuzza, PE (Continued)

05/20 – 01/24	<p>Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue) Owner: Jefferson Parish. Scope: Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). Cost: ≈\$19,000,000 (est.). Role: Civil Engineer. Reviewed design of 15” to 72” RCP drainage system and tie-ins to surrounding drainage system. Designed asphalt pavement, concrete curb and gutter, pavement markings, sequence of construction, and temporary traffic control plan while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic.</p>
09/20 – 07/22	<p>Milneburg Group B (FRC) Streets Owner: City of New Orleans. Scope: Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps. Cost: ≈\$7,400,000. Role: Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15” to 30” RCP, 18x11 to 51x31 RCPA, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.</p>
05/08 – 08/10	<p>S.P. No. 414-01-0039 – Nicholson Drive (LA 30) Segment 1 (Brightside/W. Lee to Gourrier/Burbank) Owner: City of Baton Rouge. Scope: Widening of existing 2-lane asphalt road to 4 lanes (1.08 miles of road, drainage, and utilities). Role: Civil Engineer. Performed hydrologic and hydraulic analysis. Designed signalized intersection improvements to accommodate widened road, drainage system, utility relocations, grading, and pavement markings in accordance with LaDOTD requirements. Prepared preliminary plans, specifications, and opinions of probable construction cost.</p>
07/13 – 05/22	<p>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and road, pedestrian, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed erosion control pavement geometric layout, tree preservation wall geometry, site grading, drainage pipes, drainage structures, drainage outfalls, and miscellaneous features. Prepared plans, specifications, opinions of probable construction cost. Coordinated with USACE and CPRA and prepared permit drawings for SLFPA-E, CPRA, and USACE. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.</p>
05/23 – 01/24	<p>S.P. No. H.014315.6 – Grafton Drive Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. Cost: ≈\$1,000,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.</p>

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Ben Bartlett, PE, PTOE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Master of Civil Engineering / 2010 / Civil Engineering Bachelor of Science / 2008 / Civil/Environmental Engineering		
Active registration number / state / expiration date	PE: 38980 / LA / 9/30/2026 PTOE: 4020 / USA / 3/29/2025		
Year registered	PE: 2014 PTOE: 2016	Discipline	Civil Engineer Professional Traffic Operations Engineer
Contract role(s) / brief description of responsibilities	Role: Lead Traffic Engineer (Satisfies MPRs 1, 2, 3, and 6) Responsibilities: Traffic engineering (pedestrian and vehicular), road design (including pedestrian and bicyclist facilities), drainage design, and coordination with City of Natchitoches and DOTD.		
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).		
06/10 – Present	<ul style="list-style-type: none"> Over 15 years of traffic engineering, road design, and drainage design experience, including vehicular and pedestrian traffic studies, Intelligent Transportation Systems (ITS), pavement preservation (asphalt mill and overlay and PCC pavement panel replacement), and improvements to pedestrian and bicyclist facilities. Licensed Professional Traffic Operations Engineer with significant experience coordinating, designing, inspecting, and adjusting temporary traffic control to promote motorist, pedestrian, and worker safety within active construction zones. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. Completed Louisiana State Civil Service CPTP SCS Cybersecurity WBT. 		
04/23 – 01/24	US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ~\$190,000. Role: Lead Traffic Engineer. Led 5 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Determined peak period, peak hour, and unmet demand. Balanced volumes and prepared unbalanced and balanced volume maps. Performed traffic signal warrant analysis and crash data analysis. Prepared collision diagram and LaDOTD TEPR documentation.		
10/18 – 07/19	Lakeshore Drive Vehicular and Pedestrian Traffic Study Owner: SLFPA-E. Scope: Vehicular and pedestrian traffic study along Lakeshore Drive. Fee: ~\$40,000. Role: Project Manager and Lead Traffic Engineer. Led data collection and analysis (volume counts, turning movement counts, and pedestrian counts). Reviewed traffic accident reports, existing roadway geometry (<i>i.e.</i> , sight lines/distances), and crosswalk warrant analysis to determine traffic calming and pedestrian crossing improvement options.		

Ben Bartlett, PE, PTOE (Continued)


08/24 – Present	<p>Zellwood Station Phase 3 Traffic Study Owner: Private. Scope: Traffic study in accordance with FDOT requirements to evaluate access to the ≈10.4 acre Zellwood Station site from US 441 / W Orange Blossom Trail. Fee: ≈50,000. Role: Lead Traffic Engineer. Reviewed volume counts, turning movement counts, driveway/median opening counts, and crash data along US 441. Performed traffic signal warrant analysis and crash data analysis. Evaluated sight distance requirements. Prepared conceptual layouts for multiple alternatives, including signalized intersection with new turn lanes, median openings, and driveways and adjustments to timing of adjacent traffic signals.</p>
05/23 – 01/24	<p>S.P. No. H.011779.6 – Power Blvd. Median Improvements and Pedestrian Traffic Study Review Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Project Manager and Lead Construction and Traffic Engineer. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.</p>
03/21 – 01/24	<p>S.P. No. H.013939.6 – Veterans Blvd Transit Signal Priority Owner: Jefferson Parish (LaDOTD LPA project). Scope: Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. in Kenner and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). Cost: ≈\$510,000. Role: Project Manager and Lead Construction Engineer. Coordinated priority system testing and advised on priority system requirements and operational gaps.</p>
01/20 – 06/21	<p>Lakeside Mall / Severn Avenue Intersection Traffic Study and Improvements Owner: Private. Scope: Traffic study to evaluate the Lakeside Mall entrance/exit along Severn Avenue. Fee: ≈\$40,000 (est.). Role: Project Manager and Lead Civil, Traffic, and Construction Engineer. Led 4 field personnel for volume count, turning movement count, and pedestrian count equipment installation. Performed additional field observations during peak traffic/shopping periods. Performed warrant analysis. Designed expansion of the existing entrance/exit, drainage and utility relocations (sewer, water, electricity, gas, and internet), and ADA compliant pedestrian routes. Prepared plans and specifications.</p>
06/10 – 09/14	<p>St. Charles Parish Road Maintenance Program (2010 – 2014) Owner: St. Charles Parish. Scope: Annual inspection of all St. Charles Parish-owned roads and repair/replacement of deficient roads. Cost: ≈\$1,500,000 annually. Role: Program Manager and Lead Civil Engineer. Led road inspections. Developed road repair/replacement priority lists for the verifiable expenditure of state/federal funds. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, and utility adjustments. Prepared plans, specifications, and opinions of probable construction cost.</p>
07/12 – 05/14	<p>City of New Orleans Streetscape Projects (Robert E. Lee at Paris Avenue, O.C. Haley Boulevard, St. Antony Avenue, and Broad Street at Washington Avenue) Scope: Beautification program, including road reconstruction, pedestrian and bicyclist facility improvements, landscaping, lighting, and other aesthetic improvements. Role: Civil Engineer. Designed pavement, bike paths, sidewalks, and drainage. Prepared plans, specifications, and opinions of probable construction cost.</p>

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	John Karlin, SE, PE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Master of Science / 2017 / Civil (Structural) Engineering Bachelor of Science / 2016 / Civil Engineering		
Active registration number / state / expiration date	PE: 44795 / LA / 3/31/2025 SE: 081-008511 / IL / 11/30/2024		
Year registered	PE: 2020 SE: 2020	Discipline	Civil Engineer and Structural Engineer Structural Engineer
Contract role(s) / brief description of responsibilities	Role: Principal-in-Charge and Lead Structural Engineer (Satisfies MPRs 1, 2, and 8) Responsibilities: Contract administration, lighting support and foundation design, and coordination with City of Natchitoches and DOTD.		
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).		
09/17 – Present	<ul style="list-style-type: none"> Over 7 years of structural engineering experience, including anchor design and lighting support and foundation design. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. 		
04/23 – 01/24	US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ≈\$195,000. Role: Project Manager and Traffic Engineer. Led coordination with Jefferson Parish, LaDOTD Traffic Engineering Division, RPC, JPSO, and LSP. Prepared scope of work. Managed 6 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Reviewed peak period, peak hour, unmet demand, balanced volumes, and unbalanced and balanced volume maps.		
09/17 – 03/22	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and road, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Structural Engineer and Construction Engineer. Designed pile and sheet piling layouts, grade beams, tree preservation walls, slabs, expansion joints, retaining walls, drainage outfalls, sheet pile pipe penetrations, and light foundations. Assisted with preparation of permit drawings for SLFPA-E, CPRA, and USACE for construction in proximity to existing Bayou St. John floodwalls. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.		
10/18 – 07/19	Lakeshore Drive Vehicular and Pedestrian Traffic Study Owner: SLFPA-E. Scope: Vehicular and pedestrian traffic study along Lakeshore Drive. Fee: ≈\$40,000. Role: Traffic Engineer. Obtained and analyzed volume counts, turning movement counts, and pedestrian counts to assist with the determination of traffic calming and pedestrian crossing improvement options for Lakeshore Drive.		

John Karlin, SE, PE (Continued)

10/23 – 01/24	<p>Relocation of East St. Bernard Highway and Associated Utilities (CMAR) Owner: Port of New Orleans. Scope: Relocation of East St. Bernard Highway and associated utilities and construction of new bridge over railroad to facilitate construction of the ≈\$1.8B Louisiana International Terminal (1.05 miles of road, drainage, and utilities and 1,100-foot-long bridge). Cost: ≈\$50,000,000 (est.). Role: Lead Structural Engineer. Reviewed preliminary plans and other related information and prepared gap analysis identifying critical items to be addressed between preliminary and final design. Performed preliminary analysis and design of truss span (approximately 200 feet long) over railroad to reduce superstructure depth and bridge length. Prepared LaDOTD preliminary design report, including lane, shoulder, and median widths, superelevation, and other related design features, and value engineering proposals. Evaluated CMAR contractor value engineering proposals. Coordinated with LaDOTD, CMAR contractor, and other stakeholders.</p>
05/19 – 09/21	<p>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (≈138,000 anchors and 48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Construction Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Managed inventory for ≈\$19,000,000 of stockpiled raw materials and inspected fabricated steel posts and rails prior to installation. Coordinated construction materials testing. Prepared change orders and project closeout documentation.</p>
09/17 – 03/18	<p>US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Conceptual Planning Study Owner: NORPC. Scope: Conceptual planning study for potential intersection improvements (15 potential options). Role: Project Manager and Lead Traffic Engineer. Led coordination with RPC, LaDOTD, Jefferson Parish, and other stakeholders and the conceptual development of potential options to alleviate congestion, including modifications and improvements to the existing J-turn bridge, traffic signals, signage, and pavement markings. Prepared conceptual layouts for 15 potential options and opinions of probable construction costs for 5 potential options. Presented potential options to the public at public meetings.</p>
07/21 – 12/22	<p>S.P. No. H.013897 – I-10 and I-12 College Flyover Ramp Design-Build Owner: LaDOTD. Scope: Replacement of I-10 WB flyover ramp; widening and rehabilitation of I-10 WB bridge over Ward Creek; and rehabilitation of I-12 to I-10 EB ramp and Essen Lane bridge over I-12. Cost: ≈\$52,000,000. Role: Lead Structural Independent Technical Reviewer. Reviewed plans and specifications. Analyzed reinforced concrete deck and barriers, 360' skewed continuous steel plate girders, steel cross frames, PPC girders, reinforced concrete diaphragms, rolled steel girders, steel diaphragms, reinforced concrete bents, drilled shafts, and PPC piles. Identified potential design and constructability issues.</p>
01/21 – 01/24	<p>Rehabilitation of Causeway Boulevard/Airline Drive Interchange Scope: Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). Cost: ≈\$13,000,000 completed, ≈\$46,000,000 (est.) remaining. Role: Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures.</p>


16. Staff Experience:				
Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Travis Bodin, MBA, PLS, PMP	Years of relevant experience with this employer	19	
Title	Vice President, Survey and Mapping	Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization		B.S. / 2004 / Industrial Technology MBA / 2021 / Business Administration		
Active registration number / state / expiration date		5067 / LA / 03-31-2026		
Year registered	2011	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Fenstermaker Principal; Meets MPR 4 & 5; ATSSA TCS, TCT, Flagger		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Travis Bodin, MBA, PLS, PMP has extensive surveying, management, and coordination experience. He has served as the Lead Professional Land Surveyor for projects across Louisiana. His responsibilities have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services. With his background in surveying and project management, Mr. Bodin has performed and participated in multi-million-dollar projects consisting of large scale topographic and bathymetric surveys, development of high accuracy GPS networks, landowner notification and documentation, the development of DTM, infrastructure documentation, GIS integration, and process and procedure development. Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects.</p>				
03/20-05/20	<p>Hanks Drive/Landis Drive Pedestrian Improvements (East Baton Rouge Parish, LA) Mr. Bodin served as the Surveyor Project Manager. This project was identified as a facility that presented an unsafe pedestrian corridor; thus, the project goals included providing a safe and accessible pathway for pedestrians along Hanks Drive and Landis Drive. Phases 2 and 3 include approximately 4,200-ft. of sidewalk along Hanks Drive from Victoria Drive to Dickens Drive and approximately 2,000-ft. of sidewalk along Landis Drive from Hanks Drive to Greenwell Street.</p>			
10/08-11/11	<p>East Pont des Mouton, Phase II – Water and Sewer Improvement and Roadway Widening (Lafayette Parish, LA) This project included the widening of Approximately 1.4 miles of urban roadway reconstruction resulting in utility relocation and design of potable water distribution system and sanitary sewer collection system (gravity and force main). Mr. Bodin was the Lead Surveyor on this project. He led a full survey that was conducted to capture elevations and dimensions.</p>			
09/13 – 01/19	<p>LADOTD Permit No. 153198, 153357, 153587: Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 & LA379) (Calcasieu Parish, LA) Mr. Bodin served as Lead Surveyor providing topographic, boundary, and route surveying to aid in the coordination with public and state agencies for the construction of a \$60MM, 2.4-mile roadway. Services include mapping for the acquisition of agreements between Sasol and third-party utilities, platting for acquisition and dedication of property needed for various construction activities and state agencies, and Quality Control of construction activities that were conducted which included monument review and location mapping. Fenstermaker’s survey tasks included topographic survey, ROW acquisition and mapping, generating parcels, acquiring 100+ parcels, and using laser scanning of manholes and ground penetrating radar for subsurface engineering. Mr. Bodin was responsible for field coordination, data processing, ROW generation, servitude and ROW mapping and topo surveys.</p>			

04/13-10/20	Acadiana Regional Airport Access Road (Iberia Parish, LA) This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Bodin served as Project Surveyor.
05/19 – 03/21	S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary surveys, established control, processed data, reviewed title reports, established property boundaries, and mapped encumbrances for the ~0.75 miles Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD right-of-way maps along with COGOWIN legal descriptions were created. Mr. Bodin served as Project Principal and performed quality assurance and quality control tasks for this project.
06/12-Present	S.P. No. H.006459 Roundabout at Churchpoint/Roddy Road (Ascension Parish, LA) Mr. Bodin is serving as the Survey Lead on the design and re-design of this roundabout project. Feasible project concepts were developed along with estimated construction costs for each concept, including right of way acquisition and utility relocation costs. Right of Way Map requirements were set forth by the LADOTD “Location & Survey Manual Addendum A”. Mr. Bodin directed all surveying efforts, ROW mapping, and surveying other tasks.
07/14-10/17	LADOTD Permit No. 153351, 153352, 153353: Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 & LA385) (Calcasieu Parish, LA) Fenstermaker was contracted by Trunkline LNG for their plant expansion, drainage analysis and channel relocation. Fenstermaker completed a HEC-RAS model to determine the impacts of rerouting a major drainage channel that traversed the proposed expansion site. Fenstermaker performed topographic and boundary survey, generated right of way maps, and coordinated and managed utility relocations. Mr. Bodin was responsible for DTM generation and establishing the project controls, coordination of utilities and survey field activities, as well as processing all the data collected.
07/13-08/15	S.P. No. H.010620: US 90 (I-49 South) Albertson Pkwy to Ambassador Caffery Design-Build (Lafayette Parish, LA) Fenstermaker was the Design Engineer for James Construction. Mr. Bodin was the Surveyor responsible for managing all topo surveying provided by the sub-consultant on the improvements to the roadway. Some of the main elements of the six-lane mainline roadway project include an overpass at the BNSF Railway, a grade separation at Albertson's Pkwy and improved connectivity between US 90 and LA 182.
02/13-03/17	Ham Reid Road Roundabout & Ext (Calcasieu Parish, LA) This project involves engineering design and planning related to the improvement of intersection on Nelson Road at Ham Reid Road. Mr. Bodin was responsible for the Topographic Surveying and ROW Plats.
04/15 - 02/19	Coach Williams Boulevard Extension (Calcasieu Parish, LA) This is a \$20 million project that involves the design of a 3-mile roadway. The new roadway is a 2-lane open ditch typical section, which will feature a roundabout, a railroad crossing, and a Sabine River Authority Canal crossing. The project will pass through several wetland areas. Mr. Bodin was the Project Manager and Lead Surveyor, responsible for coordinating the abstracting, topographic survey, and generation of all right of way and servitude plats.
12/08 – 07/18	LADOTD Permit No. 03030387: Kaliste Saloom Road Widening, Intersection Improvements, Bridge, and CE&I (LA 3073 to LA 733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA) Mr. Bodin served as the Surveyor Project Manager. Fenstermaker performed the topographic survey of all cross street and road tie-ins, cross sections for the purpose of an existing elevation DTM and parcel boundaries effected by the ROW. Mr. Bodin was responsible for field crew coordination, topo/boundary surveys, ROW plats, monuments, data processing, plats and legal descriptions.


Firm employed by	C. H. Fenstermaker & Associates, L.L.C.		
Name	Bradford Millett, PLS, EI	Years of relevant experience with this employer	11
Title	Surveyor	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 2014 / Civil Engineering		
Active registration number / state / expiration date	PLS 5245 / LA / 03-31-2025 ATSSA TCS, TCT, Flagger		
Year registered	PLS – 2020	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Surveyor		
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).		
<p>Ms. Millett is a Professional Land Surveyor whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies, and Surveying Divisions.</p>			
03/18-05/19	<p>City of Lake Charles Sidewalk Projects (Calcasieu Parish, LA) Fenstermaker provided engineering services for sidewalk upgrades, designing over 13,000 feet of sidewalks, in the City of Lake Charles. Sidewalks varied in width between 5-feet and 6-feet, depending on available rights-of-way and servitudes. All existing sidewalks were brought up to ADA compliance standards. To accommodate the proposed sidewalk improvements, subsurface drainage was required along the corridor. Fenstermaker utilized the LADOTD Hydraulics Manual and software to design the inlet spacing and culvert sizes. Fenstermaker also worked with the City to determine the condition of the existing subsurface system using dye testing and subsurface video surveys. Fenstermaker completed a topographic survey of existing conditions, identified utility owners, and coordinated potential conflicts. Fenstermaker worked with utility providers to minimize impact and to promote cost savings to the overall project. Ms. Millett was responsible for coordinating survey crew tasks, processing the controls, processing collected, and coordinating utility identification and marking.</p>		
03/17-09/17	<p>Natchitoches Sports Complex Natchitoches (Natchitoches Parish, LA) The City of Natchitoches constructed a new multi-million-dollar state of the art sports and recreation park located adjacent to LA Hwy 6 leading into the city from I-49. The 100-acre sports complex hosts youth sporting tournaments for baseball, soccer, and cross country running as well as Northwestern State intramural sporting events. The park includes a public park gathering area, 5-baseball fields, 4-soccer fields, concession stand structures, fishing ponds, walking trails, pavilions, covered batting cages, and many more site amenities. Fenstermaker was the lead sub-consultant and engineer of record for all improvements excluding the vertical building structures. Ms. Millett was responsible for processing survey data, performing quality control on the stakeout, and revising survey exhibits.</p>		
03/20-11/21	<p>Hanks Drive /Landis Drive Pedestrian Improvements, Phase 1 & 2 (East Baton Rouge Parish, LA) Hanks Drive and Landis Drive are neighborhood streets in northern Baton Rouge, off Airline Hwy (US 190) north of Greenwell Springs Road (LA 37). This area experiences a high volume of pedestrian and bicycle traffic even in the absence of sidewalks. Fenstermaker provided topographic surveys and ROW services for Phase 1 and Phase 2 of the project, respectively, and those surveys were completed in accordance with LADOTD and MovEBR Standards ahead of schedule. Ms. Millett was responsible for completing the topographic survey, processing data, coordination with field crews, establishing project control, producing LADOTD deliverables, as well as producing the CAD file for the Engineer.</p>		



01/17-03/21	Sasol Chemicals (USA) LLC - Road Traffic Intersection Improvements (USA) LLC (Calcasieu Parish, LA) This project involved several intersection improvements on existing State Routes and in unincorporated areas of Calcasieu Parish to mitigate additional traffic from an LNG facility expansion. It involved roadway and drainage improvement design, as well coordination with the necessary agencies for QC reviews and permitting. Ms. Millett was responsible for quality control of maps and legal documentation, coordinating field crews, placing Louisiana One Call tickets for utility coordination, and preparing survey packets.
12/19-12/21	LA 675 Roundabout and Acadiana Regional Airport Access Road (Iberia Parish, LA) This project includes the design of a new roundabout at the intersection of LA 675, US 90 Frontage Road, and the Acadiana Regional Airport Access Road. Ms. Millet served as Lead Surveyor responsible for the topographic and boundary surveys, as well as the development and review of right of way maps.
05/19 – 03/21	S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary field surveys, established control, processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD Right of Way maps along with COGOWIN legal descriptions were created. Ms. Millett served as the Project Manager.
05/14-11/17	LADOTD Permit No. 153351,153352,153353: Lake Charles LNG Traffic Impact Analysis and Road Improvements (Calcasieu Parish, LA) Fenstermaker was responsible for designing road improvements at various locations to support anticipated construction traffic associated with the expansion of the Lake Charles LNG, G2X, and Magnolia Facilities. Topographic and boundary surveys, right of way maps, as well as coordinating and managing utility relocations were performed by Fenstermaker. Ms. Millett prepared survey requests, coordinated survey crews, reviewed, and processed survey data, prepared right of way maps, and coordinated with utility companies.
02/18 – 04/20	Churchpoint Road at Roddy Road Roundabout Study, Design, and Redesign (Ascension Parish, LA) Fenstermaker completed a roundabout study at Churchpoint Road and Roddy Rd. Following LADOTD's approval, Fenstermaker began final design. Ms. Millett coordinated with survey crews, processed data, completed preliminary boundary layouts, and developed ROW maps for this intersection.
04/15-02/19	Coach Williams Blvd. Ext (Calcasieu Parish, LA) This project consisted of design services for the extension of Coach Williams to connect to Houston River Road (LA 379). Fenstermaker is the prime on this project and is responsible for the environmental assessments prior to design, drainage design, pavement design, and the geometrics of the road. In addition, Fenstermaker conducted the surveying required to design the road. Ms. Millett's responsibilities included coordinating and reviewing appraisal reports and plats, coordinating all the topographic and boundary surveys, processing data and coordinating with utility companies within the proposed route.
07/13-09/17	Kaliste Saloom Road Widening, Ambassador Caffery Pkwy to E. Broussard Rd, (Lafayette Parish, LA) Fenstermaker was responsible for the widening of approximately two miles of Kaliste Saloom Road, a highly congested major arterial roadway located in the center of Lafayette. The project included drainage outfall construction, utility relocations, and roadway construction. Fenstermaker is the direct responsible charge of all design components and construction management for improvements. Ms. Millett assisted with topographic and boundary surveying, utility relocation, right of way plats, drainage design, as-built surveys, and coordination of survey crews.
07/13-08/21	Apollo Road (LA 93) Ext to Dulles Dr. (Lafayette Parish, LA) Fenstermaker performed all topographic surveying of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM, and locations of all parcel boundaries effected by the proposed right of way. Ms. Millett created the plats for the acquisition of servitudes and right of ways.
05/15-11/21	Ham Reid Road Ext (Calcasieu Parish, LA) Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Ms. Millett was responsible for creating survey exhibits, processing survey data, and setting up and updating the project's Falling Weight Deflectometer tests.

16. Staff Experience:				
Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Aimee Latiolais, P.E.	Years of relevant experience with this employer	8	
Title	Engineer	Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engineering		
Active registration number / state / expiration date		42932 / LA / 03.31.25 ATSSA TCS, TCT, Flagger		
Year registered	2018	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Roadway		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Ms. Latiolais is a Professional Engineer with experience in design, planning, and construction oversight. Ms. Latiolais’s experience is in roadway design, both open channel and subsurface drainage systems, traffic studies, line and grade studies, commercial site design, and design of roundabouts. She has served as a design engineer for a multitude of transportation projects ranging from urban local to collector and arterial roadways.</p>				
02/17-ongoing	<p>Verot School Road Interchange at U.S. Highway 90 (Lafayette Parish, LA) Ms. Latiolais is a Design Engineer responsible for the widening of existing Verot School Road from Pinhook Road (LA 182) to existing US 90 from a 2-lane roadway to a median separated 4-lane roadway facility. She is designing horizontal and vertical roadway elements, intersection improvements to include a multi-lane roundabout, and open channel and subsurface drainage along Verot School Road, South College Road, Hugh Wallis Road, and the Service Road. Ms. Latiolais also aided in the project line and grade study and hosting the public meeting which followed the procedures set forth by LADOTD.</p>			
09/15-06/23	<p>Kaliste Saloom Road Widening & Intersection Improvements - LA3073 to LA733 (Lafayette Parish, LA) Ms. Latiolais is currently overseeing the construction of this \$34 million project. Ms. Latiolais is a Design Engineer for the widening of approximately 1.7 miles of Kaliste Saloom Road, an over-capacity major arterial roadway located in the center of Lafayette, Louisiana. Ms. Latiolais was responsible for the subsurface drainage design for the entire project and utility relocations at the roundabout intersection, as well as, creating the official Opinion of Probable Cost and necessary construction documents. She also assisted in permitting and agency coordination with LCG, LADOTD, and DHH. She continues to aid in managing the construction effort on this project.</p>			
04/21-11/22	<p>Improvements to Duchamp Road (St. Martin Parish, LA) Fenstermaker provided professional engineering and survey services for the improvements to the Duchamp Road in St. Martin Parish. The engineering team prepared the roadway and drainage designs. Ms. Latiolais was responsible for preparing and submitting the traffic study report to the Parish.</p>			
04/21-ongoing	<p>Improvements to Petroleum Parkway Ext. (St. Martin Parish, LA) Fenstermaker provided professional engineering and survey services for the improvements to the Petroleum Parkway corridor in St. Martin Parish. Improvements included roadway and drainage modifications to improve the performance of the corridor and to reduce overtopping of the roadway during storm events. Ms. Latiolais served as project manager.</p>			
02/22-ongoing	<p>LA 182 (UNIV) @ LA 723 (Renaud) Roundabout (Lafayette Parish, LA) The goal of this project is to design a roundabout which realigns Renaud Drive and Stone Avenue to intersect with University Avenue. This project will include roadway design, hydraulic analysis and design, and utility design. Ms. Latiolais is serving as Deputy Project Manager.</p>			

03/16-ongoing	Apollo Rd (LA 93) Extension to Dulles Drive (Lafayette Parish, LA) Ms. Latiolais is the Lead Design Engineer and Engineer of Record for Phase 3 of the new 2.2-mile, 4-lane boulevard roadway in Scott, Louisiana. She is responsible for the design of approximately 0.75 miles of the urban arterial roadway and open channel hydraulics. At the request of the project owners, Ms. Latiolais also produced an informal line and grade study for a multi-lane roundabout intersection with Apollo Road and the future Eraste Landry Road extension.
01/15-11/20	Frem Boustany Drive Extension Phases 1 & 2 (Lafayette Parish, LA) The Frem Boustany Drive Extension project in Lafayette Parish, LA involved the construction of a new 0.25 mile, 2-lane median-divided boulevard roadway with dedicated bike lanes and curb adjacent sidewalks. Fenstermaker was contracted by Lafayette Consolidated Government to perform preliminary and final plans, right of way plats, construction survey work and inspection during construction. During phase 1, Ms. Latiolais was involved in the project from the beginning, assisting with project management, roadway design, and drainage design. She also played a role in the subsurface hydraulic design, construction document preparation, bidding process, and construction administration services. Ms. Latiolais was responsible for managing the construction effort and oversaw the successful completion of the project. Phase 1 was completed in 2020. During the second phase, Ms. Latiolais served as the project manager.
03/18-12/19	S.P. No. H.001271 Cane River Bridge Church Street EA (Natchitoches Parish, LA) The Cane River Bridge Church Street (LA1-X) project in Natchitoches Parish, LA involved the preparation of an NEPA environmental assessment for the proposed replacement of the bridge. Fenstermaker was the prime consultant managing five consulting firms to develop the highly sensitive project environmental document due to the historical context of the project. Ms. Latiolais played a role in the project as an assisting engineer for the line and grade study portion of the Environmental Assessment. She completed intersection line and grades for the various alternatives proposed and assisted in preparing the line and grade report. Additionally, she assisted with the public outreach by hosting public meetings that followed the procedures set forth by LADOTD, and with agency coordination.
06/17-07/20	S.P. No. H.009932 US 80 Widening: Vancil Rd to Well Rd EA (Ouachita Parish, LA) Ms. Latiolais served as the engineer for the line and grade study portion of the Environmental Assessment. She assisted in the layout of three alternatives to the existing 2-lane roadway, which include combinations of 3-lane, 4-lane median-divided boulevard, and intersection improvements for the 1.4-mile corridor. Intersection improvements include two proposed roundabouts at Vancil Road and Avant Road, which were both designed by Ms. Latiolais. She also assisted in the preparation of the line and grade study report and cost estimating.
04/21-ongoing	Spanish Trail Ind. Park Access Road (St. Martin Parish, LA) Fenstermaker provided professional engineering and survey services to extend Lake Talon Road to LA 182 (Old Spanish Trail Highway) with an at-grade intersection in St. Martin Parish. Fenstermaker assisted the Parish with all planning efforts including preparing a traffic study, planning and coordinating with the BNSF railroad facility providing topographic survey services, preparing construction plans, preparing and submitting all required permits, and providing construction administration and inspection services. Fenstermaker managed subconsultants for traffic study and geotechnical investigation services. Ms. Latiolais served as the project manager.
09/22-ongoing	US 61 Super Street: Nell & Churchpoint (Ascension Parish, LA) As a subconsultant to engineering design firm Gresham Smith, Fenstermaker provided topographic and right-of-way surveys for US 61 Super Street (Airline Highway) project in Gonzales, LA. Ms. Latiolais served as the project manager and was responsible for project administration tasks, including contracting, invoicing, and creating the project work plan. She directed the development of design plans and reviewed plan set drafts.

16. Staff Experience:				
Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Dax Douet, P.E.	Years of relevant experience with this employer	26	
Title	Director, Engineer	Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization		B.S. / 1997 / Civil Engineering		
Active registration number / state / expiration date		30170 / LA / 09.30.26 ATSSA TCS, TCT, Flagger		
Year registered	2002	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Roadway		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/16-02/21	Natchitoches Sports Complex Natchitoches (Natchitoches Parish, LA) The City of Natchitoches constructed a new multi-million-dollar state of the art sports and recreation park located adjacent to LA Hwy 6 leading into the city from I-49. The 100-acre sports complex hosts youth sporting tournaments for baseball, soccer, and cross country running as well as Northwestern State intramural sporting events. The park includes a public park gathering area, 5-baseball fields, 4-soccer fields, concession stand structures, fishing ponds, walking trails, pavilions, covered batting cages, and many more site amenities. Fenstermaker was the lead sub-consultant and engineer of record for all improvements excluding the vertical building structures. Mr. Douet was the Project Manager.			
06/12-03/20	Apollo Road (LA 93) Extension to Dulles Drive (Lafayette Parish, LA) The Apollo Road Extension (LA 93) to Dulles Drive in Lafayette Parish, LA was a \$14 million dollar construction project for which Fenstermaker provided engineering services to the City of Scott. The project involved extending Apollo Road by two miles to Dulles Drive and constructing a four-lane boulevard with eight-foot sidewalks for bicyclists and pedestrians. Mr. Douet served as the transportation engineer and assisted with the preliminary roadway plans and project review.			
01/15 – ongoing	Frem Boustany Drive Extension Phases 1 & 2 (Lafayette Parish, LA) The Frem Boustany Drive Extension project in Lafayette Parish, LA involved the construction of a new 0.25 mile, 2-lane median-divided boulevard roadway with dedicated bike lanes and curb adjacent sidewalks. Fenstermaker was contracted by Lafayette Consolidated Government to perform preliminary and final plans, right of way plats, construction survey work and inspection during construction. During phase 1, Mr. Douet served as the project manager. Phase 1 was completed in 2020. During the second phase, Mr. Douet worked on the line and grade and the detention pond study. He also met with the Lafayette Consolidated Government to discuss the project’s drainage model results and proposed intersection improvement concepts.			

04/22 – ongoing	LA 182 (UNIV) @ LA 723 (Renaud) Roundabout (Lafayette Parish, LA) The goal of this project is to design a roundabout which realigns Renaud Drive and Stone Avenue to intersect with University Avenue. This project will include roadway design, hydraulic analysis and design, and utility design. Mr. Douet is serving as Project Manager.
07/10 – 06/23	Kaliste Saloom Road Widening & Intersection Improvements - LA3073 to LA733 (Lafayette Parish, LA) Mr. Douet was Project Manager for this \$34 million project, which involved widening approximately 1.7 miles of Kaliste Saloom Road, a congested major arterial roadway. He led the design team for all three phases, including the construction of a multi-lane modern roundabout and a 5-girder span bridge structure within the project limits. Mr. Douet presented at public meetings, conducted constructability reviews, and managed the construction effort. The project was split into three phases, which included drainage outfall construction, utility relocations, and roadway construction. Mr. Douet fast-tracked all real estate appraisals, plats, and construction plans.
10/21 – 12/22	LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA) Fenstermaker prepared construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. The ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. After receiving LADOTD's comments on the plans, Mr. Douet was responsible for Quality Control on the plan set.
04/17-11/20	Cane River Bridge Church Street Route LA 1-X (Natchitoches Parish, LA): LADOTD in conjunction with the FHWA prepared a NEPA environmental assessment for the proposed replacement of Cane River Bridge on Church Street Route LA 1-X. Mr. Douet served as the project manager and lead engineer for preparation of the environmental document. He was responsible for all public outreach, agency coordination, preparation of the project line and grade study, coordination of the project's traffic study, development of project alternatives, development of cost estimates, coordination of the noise and air analysis, coordination of historical and archeological investigations, and coordination of various other environmental analysis.
05/15-12/16	Coach Williams Drive Extension & Roundabout (Calcasieu Parish, LA) Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This road is approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. Mr. Douet was responsible for directing the design and geometry of the roundabout and reviewing plans.
03/20-11/22	Acadiana Regional Access Roadway (Iberia Parish, LA) The purpose of this project is to provide a more direct access path to the Acadiana Regional Airport in the future. Fenstermaker was selected to design a two-lane roadway that will connect the LA 3212 and LA 675 in New Iberia, LA with room for a future four-lane roadway. This design consists of the main roadway, one single lane roundabout, and a two-lane roadway that will connect the main road to US-90 Frontage Road with a second roundabout in a future project. Mr. Douet was responsible for the construction administration bidding process.

16. Staff Experience:

Firm employed by Ardaman & Associates, Inc.			
Name	Megan Bourgeois, PE		Years of relevant experience with this employer
Title	PROJECT ENGINEER / ASSISTANT BRANCH MANAGER		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering	
Active registration number / state / expiration date		36725 / LA / 03-31-2026 Certified NHI Drilled Shaft Inspector	
Year registered	2011	Discipline	Civil
Contract role(s) / brief description of responsibilities		Project Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	<p>Ms. Bourgeois has more than 14 years of experience with shallow foundations, embankment settlement, pile and drilled shaft foundations, LRFD design, slope stability (embankment and excavation), pipeline and pump station recommendations, geotechnical instrumentation, and construction monitoring. She has managed numerous geotechnical investigations and design evaluations, managed laboratory testing programs, while also serving as Ardaman’s program manager for many LADOTD projects for bridges and roadways throughout Louisiana. Ms. Bourgeois also serves as the director of our geotechnical engineering laboratory in Baton Rouge. In this role, she supervises the laboratory manager, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to provide training material and maintaining AASHTO certifications.</p>		
10/09-Ongoing	<p>SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS. Project Manager. She managed this multi-million-dollar, high risk, high technical needs, high visibility project. She managed a highly technical team including academia, outside experts, including internationally recognized geotechnical engineers, geohydrologist, instrumentation specialists, and 3-D geotechnical modeling experts. She managed and personally oversaw a comprehensive laboratory testing program and was involved in refining the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. The specialized testing, she personally performed or managed included x-ray diffraction for the determination of mineralogy, x-ray scanning of unextruded samples to identify existing shearing plane, stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation for this project including vibrating wire piezometers, Casagrande type piezometers, In-place inclinometers, SAA inclinometers, and traditional inclinometers. In addition, Ms. Bourgeois performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures, and developed technically feasible solutions. Co-authored the geotechnical analysis and design report.</p>		
10/18-06/21	<p>SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA. Project Manager. Managed and oversaw all aspects of an extensive field investigation program including performing 26 deep soil borings and 12 CPT soundings, including borings over 200 feet in over 80 feet deep of high flow water. Ms. Bourgeois also managed laboratory testing program to provide geotechnical characterization data for use in design of deep foundations and embankments, oversaw the field resistivity testing program, and developed the data report.</p>		
08/08 – 12/13	<p>SP NOs. 700-09-0166 & H.003886.5 / I-49 NORTH PHASE II: Caddo Parish, LA. Laboratory Director/Assistant Project Engineer. Closely coordinated an extensive laboratory testing program with an aggressive schedule to provide geotechnical characterization data for use in design of deep foundations, earth retaining structures and culverts.</p>		

07/15-Ongoing	SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA. <i>Project Engineer.</i> Assisting the Program Manager in overseeing the geotechnical investigation and design of the 5 miles of freeway consisting of a 3.5-mile elevated structures that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced pile load test programs, and earth retaining structures. Overseeing laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings. Ms. Bourgeois is the project lead to develop the Geotechnical Investigation and Design Report.
10/14-12/16	SP NO. H.010601.5 / I-10 WIDENING (E. JCT. I-49 TO LA 328): St. Martin Parish, LA. <i>Project Engineer.</i> Managed and provided oversight for the geotechnical investigation which included 44 deep borings and 25 cone penetrometer (CPT) soundings, associated laboratory testing, and preparation of a geotechnical data report for the widening of the nine existing structures along I-10 between I-49 to LA 328 spanning approximately 7 miles.
05/06-12/11	SP NO. 700-29-0112 & 700-29-0130 / LA 1 – PHASES 1 & 2: Lafourche Parish, LA. <i>Project Engineer.</i> This project is the second phase of the 17-mile elevated highway spanning from Golden Meadow to Fourchon. Ms. Bourgeois directed the laboratory testing program to ensure strict adherence to LADOTD standards and managed the drilling operations which included deep borings and CPT soundings in the coastal marshes via air-boat mounted equipment. She oversaw the completion of over 70 soil boring logs and approximately 300 CPT sounding logs for use in design of pile foundations.
07/21-Ongoing	SP No. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR) Baton Rouge Parish, LA. <i>Project Engineer.</i> Leads technical reviews pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.
10/18-01/19	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. <i>Project Engineer.</i> Provided construction engineering CQA to implement the project's CQA Program by leading the technical review of any submittals and overseeing the construction testing program, including the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring for this Design Build, which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana.
08/22-Ongoing	12-CS-HC-0017 / MOVEBR Ardenwood-Lobdell: East Baton Rouge Parish, LA. <i>Project Engineer.</i> This project includes a subsurface exploration and geotechnical evaluation for the construction of the Ardenwood-Lobdell Connector for the MOVEBR program. The field exploration program included 8 soil borings, with associated laboratory testing. The engineering analyses included pavement design recommendations in accordance with LADOTD specifications.

16. Staff Experience:

Firm employed by Ardaman & Associates, Inc.			
Name	Robert Jewell, PE		Years of relevant experience with this employer
Title	PROJECT ENGINEER / VICE PRESIDENT, BRANCH MANAGER		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 2009 / Civil Engineering		
Active registration number / state / expiration date	38579 / LA / 09-30-2024 Traffic Control Supervisor / LA / 09-25-2024		
Year registered	2013	Discipline	Civil
Contract role(s) / brief description of responsibilities	Project Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	<i>Mr. Jewell serves as the manager of our Baton Rouge office and as project manager for various geotechnical engineering projects including pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LADOTD projects. For two years, he served as an on-site engineer for the LA Hwy. 1, Phase 1 project, where he conducted PDA testing and pile monitoring during construction. Mr. Jewell also achieved Advanced Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.</i>		
10/18-06/21	SP NO. H.000263.5-1 / chef menteur pass bridge & approach: Orleans Parish, LA. Project Engineer. In conjunction with Ms. Bourgeois, Mr. Jewell oversaw the geotechnical investigation consisting of deep borings and field resistivity testing. Reviewed laboratory tests, final soil and CPT logs, and the data report.		
10/18-01/19	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Project Engineer. Assisted the Project Manager in preparing the preliminary design and planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. Jewell oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. He also helped review and design the pavement section.		
07/21-Ongoing	SP No. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR) Baton Rouge Parish, LA. Project Manager. Leads all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.		

07/15-Ongoing	SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA. <i>Project Manager.</i> Manages the geotechnical investigation and design for the construction of 5 miles of freeway consisting of a 3.5-mile elevated structure that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced load test programs, and earth retaining structures. Oversees and coordinates the field and laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings. He will be the co-principal for developing the Geotechnical Investigation and Design Report to be developed for this project.
11/15-01/21	SP No. H.011309 / MCARTHUR INTERCHANGE COMPLETION PHASE II, US 90Z: Jefferson Parish, LA. <i>Project Manager.</i> Oversaw the geotechnical field investigation that included deep and shallow CPT soundings, borings, laboratory testing, subsurface characterization, and engineering analyses to provide foundation design, verification of test plans and construction monitoring plans for the addition of two ramps. Design recommendations included post grouted drilled shafts.
04/14-03/22	SP No. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241 (LA 36-LA435): St. Tammany Parish, LA. <i>Project Engineer.</i> Oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. Assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts.
10/14-12/16	SP NO. H.010601.5 / I-10 Widening (E. JET. I-49 TO LA 328): St. Martin Parish, LA. <i>Project Engineer.</i> Oversaw and coordinated the geotechnical investigation which will include 44 deep borings and 25 cone penetrometer (CPT) soundings, associated laboratory testing, and preparation of a geotechnical data report for the widening of the nine existing structures along I-10 between I-49 to LA 328 spanning approximately 7 miles.
10/11-04/13	SP NO. H.003064 / I-10 VETERANS BLVD. TO CLEARVIEW PARKWAY CONSTRUCTION PHASE SERVICES (TRANSCONTINENTAL OVERPASS): Orleans Parish, LA. <i>Assistant Project Engineer.</i> Managed the test pile program (static and dynamic testing) and conducted WEAP analysis. Mr. Jewell helped prepare the report which provided pile order lengths, pile driving criteria, and reviewed pile driving logs.
07/09-08/11	SP NO. 700-29-0112 / LA-1- PHASE 1: Lafourche Parish, LA: <i>Assistant Project Engineer.</i> Served in the field as on-site geotechnical engineer during construction for this project in southeast Louisiana. He conducted dynamic monitoring using the Pile Driving Analyzer, performed CAPWAP analyses, reviewed drive logs, and supervised field technicians.
07/12-02/14	SP. NO. H.003495 / I-49N (MLK to I-220) Segment K: Caddo Parish, LA. <i>Assistant Project Engineer.</i> Helped manage all aspects of an extensive field investigations program including performing 102 soil borings for bridge structures, retaining walls, ramps, and roadways. Mr. Jewell helped classify the soil boring logs for use in design of deep foundations and embankments and developed the soil borings logs in LADOTD format.
08/22-Ongoing	12-CS-HC-0017 / MOVEBR Ardenwood-Lobdell: East Baton Rouge Parish, LA. <i>Project Engineer.</i> This project includes a subsurface exploration and geotechnical evaluation for the construction of the Ardenwood-Lobdell Connector for the MOVEBR program. The field exploration program included 8 soil borings, with associated laboratory testing. The engineering analyses included pavement design recommendations in accordance with LADOTD specifications.

16. Staff Experience:

Firm employed by Ardaman & Associates, Inc.			
Name	Robert Rousset, PE		Years of relevant experience with this employer
Title	PROJECT ENGINEER / VICE PRESIDENT, REGIONAL MANAGER		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering	
Active registration number / state / expiration date		38637 / LA / 09-30-2024	
Year registered	2014	Discipline	Civil
Contract role(s) / brief description of responsibilities		Project Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	<i>Mr. Rousset serves as the manager of Ardaman’s New Orleans office and as project manager for various geotechnical engineering projects as well as contract administrator of several major contracts. He has managed projects that have included pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. For two years, he served as an on-site engineer for the LA Hwy. 1, Phase 1 project, where he conducted PDA testing and pile monitoring during construction. Mr. Rousset also achieved Intermediate Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.</i>		
07/16-Ongoing	SP NO. H.004113 / I-12 (US 190 TO LA 59): East Baton Rouge Parish, LA. Project Manager. Oversaw and coordinated the geotechnical investigation which included 23 deep soil borings and associated laboratory testing along an alignment that included 4 bridges.		
07/14-05/18	SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HIGHWAY 3241 (LA 435 TO LA 40/LA 41): St. Tammany Parish, LA. Project Manager. Oversaw and coordinated the geotechnical investigation which included 26 soil borings, sampling, and laboratory testing along the alignment that included one bridge, LA 435 over Talisheek Creek. Oversaw geotechnical analyses and preparation of design recommendation report which included pile supported approach slabs and pile foundations for the bridge structures and shallow foundation design for the culverts.		
05/12-03/13	SP NO. H.002260.5 / GOOSE BAYOU BRIDGE ROUTE LA 45: Lafitte, LA. Assistant Project Engineer. Managed geotechnical investigation for the bridge that included drilling and laboratory testing of 2 deep soil borings and 4 CPT soundings performed with barge-mounted drilling equipment under difficult access conditions. Assisted with providing final soil boring logs and CPT sounding logs in LADOTD format.		
07/09-08/11	SP NO. 700-29-0112 / LA 1 – PHASE 1: Lafourche Parish, LA. Assistant Project Engineer. Served in the field as onsite engineer for Phase 1A of this project in southeast Louisiana. The completed project consisted of 17 miles of elevated roadway with low-level bridges and medium-level bridges, two elevated interchanges, and two fixed high-level bridges over navigable waterways. Conducted dynamic monitoring using PDA, performing CAPWAP analyses, reviewed drive logs, and supervised field technicians.		
03/11-02/12	SP NO. H.003886.5 / I-49 SEGMENT J: Caddo Parish, LA. Assistant Project Engineer. Mr. Rousset planned the geotechnical investigation program, coordinated field activities, assigned lab testing, reviewed laboratory test results, classified soil types based on laboratory tests, and compiled soil boring logs in the LA DOTD format.		

08/09-12/09	CENTRAL THRUWAY: East Baton Rouge Parish, LA. <i>Assistant Project Engineer.</i> Performed PDA testing on pre-stressed, pre-cast concrete piles for various bents.
-------------	---

16. Staff Experience:

Firm employed by: Ardaman & Associates, Inc.			
Name	Ross McGillivray, PE		Years of relevant experience with this employer
Title	PrINCIPAL Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BCE / 1966 / Civil Engineering MS / 1968 / Civil Engineering (Soil Mechanics)		
Active registration number / state / expiration date	17920 / FL / 02-28-2025		
Year registered	1998	Discipline	Civil
Contract role(s) / brief description of responsibilities	Contract Role: Principal Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	<p><i>As a principal engineer working from the Tampa office of Ardaman, Mr. McGillivray provides technical review and consultation on projects involving building and bridge foundations, geotechnical and materials engineering for port facilities, pavement systems, earth structures, surface mining, ground water hydrology and sinkhole evaluation and remediation. He has provided engineering review or design on projects with Ardaman offices in Florida as well as for offices in Baton Rouge and New Orleans, Louisiana.</i></p> <p><i>Mr. McGillivray managed the operations of the soil mechanics laboratory as a Research Engineer at MIT from 1968 to 1970, and conducted research into the behavior of soil and soil-like industrial waste products while at MIT. He worked as a staff engineer on projects in North Carolina, Florida, Alaska and Venezuela for Lambe & Associates, Inc. of Cambridge, Massachusetts, including the evaluation of soil stability and anchor capacity for a large retaining wall for the Parque Central’ project in Caracas, Venezuela and the development of a permafrost and soil mechanics laboratory in Anchorage, Alaska. Mr. McGillivray was the branch geotechnical and materials engineer for Pittsburgh Testing Laboratory’s Tampa Florida branch office where he supervised the completion of site exploration programs for building foundations and designed earthen dams to contain waste clay tailings from phosphate processing from 1972 to 1974. He founded ARMAC Engineers, Inc. in 1975, working on building foundations, sinkhole evaluation and remediation, mine slope stability and earthen dam projects. He joined Ardaman & Associates, Inc. in 1996 as a Senior Engineer, working on mining, building foundation and bridge foundation projects.</i></p>		
09/01 – 11/01	<p>I-10/I12 Sound Walls, Wall 6-Design Lateral Load Test on Drilled Shafts / Sound Wall Shaft CLS Evaluation, Baton Rouge, LA. Principal Engineer. Mr. McGillivray performed a re-design for the drilled shafts supporting the I-10/I-12 sound wall system in Baton Rouge, LA, and performed an instrumented lateral load performance on a 48-inch diameter drilled shaft. The results of the load test compared analyses performed with Standard Penetration Test Boring Data to analyses performed with Cone Penetrometer Test (CPT) sounding data. Mr. McGillivray also evaluated the results of Cross-Hole Sonic Log (CSL) tests on installed drilled shafts and developed repair procedures when drilled shafts were shown to have CSL detected flaws. The repair procedures were accepted by LADOTD for the project.</p>		

10/18-12/18	SP NO. H.003370 / I-220/I-20 Interchange Improvement and Barksdale Air Force Base Access Road, Bossier Parish, LA SP No. H.003370. <i>Principal Engineer.</i> Mr. McGillivray helped review and perform analyses of Drilled Shaft Load Tests and Static Capacity for this Design Build project consisting of direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and an interchange and access road from I-20 in Shreveport, Louisiana.
7/15 –Ongoing	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange), Lafayette Parish, LA, SP No. H.004273.5. <i>Principal Engineer.</i> Mr. McGillivray helped review all of the geotechnical design including deep foundations, lateral load analyses, earth retaining structures in support of the construction of 5 miles of freeway consisting of a 3.5-mile elevated structure that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, advanced load test programs, and earth retaining structures. Mr. McGillivray will help with review and preparation of the Phase 1 preliminary Geotechnical Design Report.
11/15-01/21	MacArthur Interchange Completion Phase II Route US 90-Z Jefferson Parish, SP No. H.011309. <i>Principal Engineer.</i> Mr. McGillivray reviewed and evaluated the capacity of tip-grouted Drilled Shafts utilizing Cone Penetrometer Test (CPT) sounding data for Phase II of the MacArthur Interchange consisting of construction ramps entering and exiting Westbank Expressway.
5/05 – 11/05	I-10 Bridges over Escambia Bay, Pensacola, FL (AAI 05-40-1149) <i>Principal Engineer.</i> The I-10 bridge over Escambia Bay was damaged by Hurricane Ivan in 2004. The two bridges were three lanes, 2.6 miles long with 103 spans for each bridge. Ross T. McGillivray, PE (FL) worked as the Lead Geotechnical Engineer with Ardaman's Tallahassee, Florida office for the design of foundations for the replacement bridges. The project was the first project since 1972 in Florida to use 36-inch voided Prestressed Concrete Piles. The soil conditions consisted of deep, soft silt and clay sediments over loose sand underlain by medium dense to dense sand. Driving criteria were established for two different pile hammers with maximum driving energy of 150 kip-ft.-lbs. but with ram weights of 30 and 60 kips. Wave Equation Analyses and PDA/CAPWAP showed that the lighter ram hammer was marginal for production piling installation. Both Vertical and Lateral Load tests were performed for the project, with good correlation between the Vertical Load test results and the Static Capacity and PDA/CAPWAP analyses. Lateral load performance analyses showed that the soils strengths projected from Cone Penetrometer Tests were required to model the results of the load test.
6/09-2/10	SR 686 Overpass Bridge, St. Petersburg, Florida, 2009-10 (AAI 0-55-9627) <i>Principal Engineer.</i> The SR 686 Overpass Bridge is 1,500 feet in length and crosses over a solid waste landfill with a slurry wall confinement and the in-situ clay stratum as a liner system. The initial foundation design by another firm consisted of 24-inch Prestressed Concrete Piles driven inside of 36-inch diameter steel casings, with the piles to be grouted into the casings. Ardaman & Associates, Inc. was asked to evaluate the foundation options and to provide an alternative foundation design for the project. Mr. Ross T. McGillivray, PE was the Lead Geotechnical Engineer for the project. He proposed using non-redundant drilled shafts to reduce the number of penetrations of the underlying clay stratum confining stratum. The additional foundation explorations included rock coring and Pressure Meter Testing in the intermediate geo-material (weathered limestone) underlaying the site. The results of Unconfined Compression Tests and Split Tensile tests on rock cores were analyzed with the results of the Pressure Meter Tests to optimize the design of the drilled shafts. The final design consisted of 36, 48 and 60-inch diameter drilled shafts. Two load tests were specified using the Osterberg Cell (O-Cell), each with a 2-inch Styrofoam toe to allow measurement of the fully mobilized skin friction on the shaft above and below the O-Cell. Ardaman performed pilot borings at each drilled shaft for final design, and inspected the installation of all the drilled shafts for the project.

16. Staff Experience:

Firm employed by Ardaman & Associates, Inc.			
Name	Jarmon King, PE		Years of relevant experience with this employer
Title	ASSISTANT PROJECT ENGINEER		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering Traffic Control Supervisor / LA / 11-08-2027 DOTD Flagger / LA / 05.29.2028	
Active registration number / state / expiration date		PE 49179 / LA / 03-31-2025	
Year registered	2019	Discipline	Civil
Contract role(s) / brief description of responsibilities		Assistant Project Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	<i>Jarmon King serves as an assistant project engineer of Ardaman in the Baton Rouge office. Mr. King is involved with overseeing and conducting geotechnical investigations. Mr. King also prepares soil boring logs; processes and analyzes Cone Penetration Test (CPT) sounding, data, performs pile and settlement analyses; assists with writing geotechnical reports; and helps coordinate field and laboratory operations. Mr. King has experience in overseeing and performing Pile Driving Analyzer (PDA) testing during construction projects. Mr. King also serves as the Office Safety Coordinator and has experience assessing safety of employees on the job site in accordance with OSHA where he is responsible for carrying out company safety standards and making any changes to ensure a safe and productive environment.</i>		
07/21-Ongoing	SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR) BATON ROUGE PARISH, LA. (07/21-ONGOING) Assistant Project Engineer. Assists in engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.		
10/18-06/21	SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA. Assistant Project Engineer. Helped produced soil boring logs and CPT soundings in LADOTD format. Assisted with development of the data report.		
10/18-12/18	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Assistant Project Engineer. Assisted the Project Manager in preparing the preliminary planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and construct an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. King is currently performing PDA testing and CAPWAP analyses for the field construction.		
06/20-11/22	SP. NO. H.002825 / Nicholson Drive (LA HWY 30) Segment 1: East Baton Rouge Parish, LA. Assistant Project Engineer. This project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive for the MOVEBR Program. Thirteen shallow soil borings and two deep soil borings were drilled at the subject site and associated laboratory testing was performed. Engineering analyses included pavement and culvert crossing design recommendations in accordance with LADOTD specifications.		

16. Staff Experience:

Firm employed by Ardaman & Associates, Inc.				
Name	Jessica N. Litt		Years of relevant experience with this employer	10
Title	LABORATORY MANAGER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2010 / Biology	
Active registration number / state / expiration date			NICET / Generalist, Laboratory No. 141243 / 10-01-2024	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Laboratory Manager	
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).			
	<i>Ms. Litt serves as Laboratory Manager of Ardaman’s Baton Rouge laboratory which is under the direction of a Registered Professional Engineer. She supervises and manages operations of our AMRL Certified and USACE-validated laboratory and performs and oversees laboratory testing assignments, organizes, and schedules testing, trains and develops technicians, and supervises four full-time laboratory technicians. Ms. Litt is experienced conducting soil mechanics laboratory testing in accordance with appropriate AASHTO and LADOTD testing protocol, which includes Soil Classification, Atterberg Limits, Grain Size, Sieve Testing, Organic Matter tests, Moisture Content, and Strength testing (Unconfined and Unconsolidated-Undrained Triaxial (UU)).</i>			
10/18-06/21	SP NO. H.000263.5-1 / CHEF MENTEUR PASS BRIDGE AND APPROACH: Orleans Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests.			
11/15-01/21	SP NO. H.011309 / MACARTHUR INTERCHANGE COMPLETION PHASE 2, ROUTE US 90-Z: Jefferson Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.			
04/14-03/22	SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241: St. Tammany Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests.			
04/14-05/18	SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HWY. 3241 (LA 435 TO LA 40 / 41): St. Tammany Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests.			

10/09-Ongoing	SP NO. H.004646.5 / MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS. <i>Laboratory Technician.</i> Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unconfined Compressive Test and Unit Weight, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, Organic Content, and UU Strength Tests and Consolidated-Drained Direct Shear Tests.
---------------	---

16. Staff Experience:

Firm employed by GOTECH, Inc.				
Name	Bruce Dyson, P.E., P.L.S.		Years of experience with this firm/employer	29
Title	Engineering & Surveying Manager		Years of experience with other firm(s)/employer(s)	16
Degree(s) / Years / Specialization			Bachelor's-of-Science / 1978 / Civil Engineering	
Active registration number / state / expiration date			P.E. License No. 20162 / LA / 3-31-2026; P.L.S. License No. 4670 / LA / 3-31-2026	
Year registered	1982; 1992	Discipline	Registered Professional Civil Engineer; Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			<p>Mr. Dyson has been involved in a variety of survey projects. He is experienced in the areas of civil engineering, project management, construction administration and management, and cost estimating. Specific areas of expertise include drainage improvements, land surveying and flood control.</p> <p>Mr. Dyson has supervised up to five survey crews at GOTECH working on a variety of public and private contracts such as contracts with LA DOTD, US Army Corps of Engineers, Federal Aviation Administration, Parish governments, and New Orleans Sewerage & Water Board.</p> <ul style="list-style-type: none"> ▪ Traffic Control Technician – ATSSA Expires 06/21/2026 ▪ Traffic Control Supervisor – ATSSA Expires 06/22/2026 ▪ Registered Flagger – ATSSA Expires 08/04/2026 	
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).			
04/15 - Present	LADOTD Contract No. 4400004485; State Project No. H.009320: Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA - Mr. Dyson was the Engineering / Survey Manager providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.			
10/17 - 03/18	LADOTD Contract No. 4400002746; State Project No. H. 012602.5: I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA – Mr. Dyson provided project oversight as Engineering / Surveyor Manager with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and Survey delivery requirements.			

02/14 - 11/16	LADOTD Project No. H.007855: LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Hwy 431 / 934 Intersection Improvements project. GOTECH provided topographic surveying and mapping services for the project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used in MicroStation CADD drawings with Inroad's software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.
10/12 - 12/14	LADOTD Project No. H.009276: I-10 (LA 30 to LA 22), Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Interstate 10 project in Ascension Parish. The project included a segment of the Interstate from LA Hwy 30 to LA Hwy 22. Cross Sections were taken from right-of-way line to right-of-way line to provide data for the Interstate widening design. Overpass details were obtained to show bridge details, bent locations, piling spacing and clearance dimensions.
09/07 - 09/13	LADOTD Project No. 704-92-0036 & 704-92-0037: New Orleans Submerged Streets Repair-Permanent Repair to Federal Aid Eligible Roads as a Result of Damage Due to Hurricane Katrina in 2005 - Mr. Dyson was the Engineering Coordinator for this project. GOTECH provided topographic surveying, preliminary and final roadway plans, and construction support for the project streets located in Jefferson and Orleans Parishes.
02/06 - 08/11	LADOTD Project No. 052-02-0024: John James Audubon Bridge Design/Build Project, St. Francisville, LA - Mr. Dyson was an assistant design engineer on the project, performing quality control reviews on the construction documents. The cable-stayed bridge structure crossed the Mississippi River linking the St. Francisville area with the New Roads community. Approximately 3.5 miles of mainline and sideroad network were designed by GOTECH. The project involved intersection designs, drainage analysis, alignment geometric designs, profile/grade analysis and cost estimating.

16. Staff Experience:

Firm employed by GOTECH, Inc.			
Name	Robert Price, P.L.S.		Years of relevant experience with this employer
Title	Director of Operations		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Master of Science / 2009 / Engineering & Technology Management Bachelor of Science / 1997 / Survey & Mapping Bachelor of Science / 1993 / Industrial Technology & Building Construction	
Active registration number / state / expiration date		P.L.S. License No. 4889 / LA / 3-31-2026	
Year registered	1992	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Mr. Robert Price is a Licensed Professional Land Surveyor with more than 20 years of experience in land surveying and mapping; project management; and personnel management. He has provided surveying and utility location designation support for pipeline, road improvement, LNG facilities, oil and gas well locations, and private development projects. <ul style="list-style-type: none"> ▪ Traffic Control Technician – ATSSA Expires 06/21/2026 ▪ Traffic Control Supervisor – ATSSA Expires 06/22/2026 ▪ Registered Flagger – ATSSA Expires 08/12/2026 	
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).		
04/15 - Present	LADOTD Contract No. 4400004485; State Project No. H.009320: Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA Mr. Price is the Professional Land Surveyor providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.		
10/17 - Present	Move Ascension Henry Road Safety Widening (LA 73 Tillotson Road/Akins Road) Ascension Parish, LA Mr. Price is the project manager providing the topographic surveying and mapping services to support the design and right-of-way acquisition for the Move Ascension - Henry Road widening project. Project surveys were in support of new design to widen approximately 8-miles of roadway in Ascension Parish. GOTECH is a Sub-Consultant to GSA, Inc.		
04/18 - 06/18	LADOTD Contract No. 4400005891; State Project No. H.012479: Local Road Safety Program / Safe Routes to School Peltier Park Sidewalks Mr. Price was the Survey Project Manager managing the topographic survey to support design for various sidewalk, driveway and handicapped curbed ramp improvements along the perimeter of Peltier Park in Thibodaux, Louisiana. Project field activities included a 2,400-linear foot existing conditions and utility survey utilizing Louisiana DOTD electronic data collection standards. The final deliverables for the project consisted of detailed plan/profile sheets drawn for the project alignment.		

05/17 - 07/17	LADOTD Contract No. 4400005660; State Project No. H.012874.5: I-55 at Hwy 22 Interchange Lighting, Tangipahoa Parish, LA As Survey Project Manager, Mr. Price professionally managed the topographic and utility location survey services in support of design plans and specifications for the I-55 at LA Hwy 22 Interchange Lighting in Tangipahoa Parish. Survey crews conducted a complete topographic, elevation and utility survey within the entire limits of the I-55 Interchange with LA Highway 22. The topographic survey included data collected on the highway crossing exit/entrance ramps and elevated overpasses in addition to the location of both above ground and subsurface utilities required to facilitate design of lighting structures. All final deliverables were certified and submitted in strict accordance with DOTD Location and Survey standards.
10/17 - 03/18	LADOTD Contract No. 4400002746; State Project No. H.012602.5: I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA Mr. Price provided project oversight as a Professional Land Surveyor with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and survey delivery requirements.
08/03 - 10/07	LADOTD U.S Hwy 165, Georgetown to Tullos, Grant and LaSalle Parishes, Louisiana Mr. Price served as the Survey Coordinator responsible for deed research and property monument recovery in connection with the property survey along a six (6) mile section of the existing U.S. Hwy 165 roadway from Georgetown to Tullos. The survey consisted of locating and retracing the boundary lines of approximately 100 property owners. Several restorations of Public Land Survey corners were undertaken as required in the determination of boundary lines.

16. Staff Experience:

Name	James "Drew" Walsh, P.E., PMP, CFM		Years of experience with this firm/employer	5
Title	Director of Engineering & Project Management		Years of experience with other firm(s)/employer(s)	22
Degree(s) / Years / Specialization			Bachelor of Science / 1996 / Environmental Engineering / United States Military Academy, West Point, NY Master's in Business Administration / 2003 / Louisiana State University	
Active registration number / state / expiration date			29340 / LA / 3-31-2025 Project Management Professional / Certification # 231196 / 2019 ASFPM Certified Floodplain Manager / Certificate No. US-21-12010 / 2021 NABCEP Certified PV Installation Professional / Certification # PV-102415-003096 / 12/2015 2021 / ASFPM Certified Floodplain Manager / Certificate No. US-21-12010 • Traffic Control Technician – ATSSA Expires 04/04/2027 • Traffic Control Supervisor – ATSSA Expires 04/05/2027	
Year registered	2001	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Mr. Walsh is a talented leader and engineer with 20+ years' experience. Mr. Walsh is an Engineer at GOTECH who specializes in Project Management, Hydraulics, Hydrology, Utility Coordination and Site Engineering. Mr. Walsh has a broad base of experience on engineering projects across Louisiana in a variety of settings. He has done SUE investigations on many projects involved with, including LA DOTD roadway projects, sewer rehabilitations, sight development, drainage improvements and other civil projects.	
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).			
02/19-Present	<p>Pointe-Marie: A New Village, Baton Rouge, LA</p> <p>Mr. Walsh is currently the project manager and lead engineer for the on-going design and construction of Pointe-Marie. This project entails a planned community development of a mixed-use village encompassing over 120 acres. His duties include the design of roadways, drainage, grading, sanitary sewer system, utility layout and coordination and overseeing construction activities. Phase I is complete and working on Phase II.</p> <p>Mr. Walsh developed a Hydraulic Model for the 120ac Pointe-Marie development to Master Plan the drainage. From the model, developed construction plans for 5 drainage projects that will improve the drainage for this development. Working to improve drainage across overhead utilities and underground pipelines in the north end of the property to include Entergy Transmission and Distribution, Shell Pipeline, Baton Rouge Sewer Force Main and Entergy Gulf States.</p> <p>Mr. Walsh developed a Hydraulic Model for the 120ac Pointe-Marie development to Master Plan the drainage. From the model, developed construction plans for 5 drainage projects that will improve the drainage for this development.</p>			

07/12-02/19	<p>Veteran Contractors, LLC</p> <p>Mr. Walsh is the Owner and Operator of Veteran Contractors, LLC. He is responsible for managing projects and the oversight, performance and outcome of work done by Veteran Contractors, LLC. Work included the installation of residential solar systems for over 2,000 homes.</p> <p>PosiGen Solar Installer – Designed systems and did layout drawings for nearly all installed systems, stamped layouts and wind load certifications.</p>
08/11-07/12	<p>Royal Engineers & Consultants</p> <p>Mr. Walsh was Senior Project Engineer/Service Line Director – Head of Civil Engineering, managing projects, personnel, resources, stakeholders, schedules, and budgets on a wide variety of projects. Worked on Canal Crossings in St. Bernard Parish, Grants Management in Orleans Parish, Sewer Pump Stations in Orleans Parish, performing engineering, design and construction.</p>
08/08-08/11	<p>US Army Corps of Engineers, Hurricane Protection Office</p> <p>Mr. Walsh was Senior Project Manager for Permanent Canal Closures and Pumps. This was a \$700M project for three pump stations and closures for the 17th Street, Orleans Ave and London Ave Canals. Managed the writing of the Request for Proposals (RFP), the completion of the Environmental Report, gaining the Partnership Agreement with the Non-Federal Sponsor, Orleans Parish Sewage and Water Board, CPRA, SLFPA-E and the Orleans Levee District, and the advertisement of the project. I was working on finalizing the real estate acquisition and preparing for the project kickoff and outlining the requirements of the Government's involvement. I was part of the selection committee during the initial selection of the contractor.</p>
07/06-08/08	<p>Stuart Consulting Group</p> <p>Mr. Walsh was Project Manager, US Army Corps of Engineers, Hurricane Protection Office. Managed projects from engineering, design, production of plans and specifications by an A/E, through advertisement, award and construction. These projects were done to repair damage caused by Hurricane Katrina to Orleans, Jefferson, St. Bernard and Plaquemines Parishes Pump Stations, totaling over \$100M. Coordinated with the following the levee districts as part of this project, Orleans, Pontchartrain, Lafourche, East and West Jefferson, Algiers and Lake Borgne, and was presenting to them and attending meetings as they were forming into SLFPA-East and SLFPA-West after Hurricane Katrina as well as CPRA. Also managed the \$240M Orleans Parish Non-Federal Pump Station Storm Proofing Project from inception to construction.</p>
96-07/06	<p>Shread – Kuyrkendall & Associates, Inc. – Civil / Hydrologic / Hydraulic Engineer</p> <ul style="list-style-type: none"> • Pump Station Projects (LaPlace, LA) – Performed hydrologic and hydraulic study on areas to determine need, location and size of multiple pump stations. Used HEC-HMS to model the hydrology of the area and HEC-RAS to model the canals. • Reserve Oxidation Pond (Reserve, LA) – Determine size of treatment pond, size aerators and pumps, produce plans, specifications, and operation plan. • Copper Mill Golf Course Project (Zachary, LA) – Prepared preliminary design for subdivision layout including subsurface drainage, and roadways.

16. Staff Experience:

Firm employed by Alliance Transportation Group, LLC				
Name	Brandon Perilloux, PE, PTOE, RSP1		Years of relevant experience with this employer	2
Title	Project Engineer		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization			BS, Civil Engineering, University of New Orleans, 2010	
Active registration number / state / expiration date			PE.0039968 / LA / Exp. 03-31-2026; PTOE #4432 / USA / Exp. 03-18-2027 Road Safety Professional / 187 / 12-21-24	
Year registered	PE – 2015 PTOE – 2018 RSP – 2018	Discipline	Engineering	
Contract role(s) / brief description of responsibilities			Brandon, ATG's Traffic Analysis Team Leader who works out of our Metairie office, has more than 17 years of experience in traffic engineering and transportation planning. He is a licensed Professional Traffic Operations Engineer and Road Safety Professional. He meets MPR No. 6.	
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).			
03/23 – 03/24	Traffic Engineer LA26 Corridor Study & Zigler Memorial Extension Jennings, LA - Responsible for assisting in developing a Traffic Impact Analysis for the LA 26 corridor study in Jennings, LA. The purpose of this work was to conduct a study on a proposed connection of Zigler Dr extension. The work included projecting traffic volumes for the new extension and estimating the capacity and safety impacts. Brandon reviewed the updated work and provided insight on the capacity and safety analysis.			
04/24 - Ongoing	Traffic Engineer Enterprise Blvd Extension Lake Charles, LA - Responsible for assisting in developing a Traffic Impact Analysis for an extension on Enterprise Blvd in Lake Charles, LA. The purpose of this work was to conduct a study on a proposed Enterprise Blvd Dr extension. The work included projecting traffic volumes for the new extension and estimating the capacity and safety impacts.			
08/21 – 10/22	Quality Manager RaceTrac Traffic Impact Analysis RaceTrac Des Allemands, LA - This project was for the preparation of a Traffic Impact Study for a convenience store with vehicle fueling stations in St. Charles Parish, LA. As Quality Manager, Brandon was responsible for the quality review for the Traffic Impact Study in accordance with LADOTD and St. Charles Parish standards. He conducted parts of the Quality Assurance/Quality Control (QA/QC) process.			
05/22 – 08/22	Traffic Engineer Calcasieu Parish Traffic Initiative Traffic Impact Analysis Calcasieu Parish, LA - Responsible for developing a Traffic Impact Analysis for the LA 27 corridor study in Calcasieu Parish. The purpose of this work was to update the study to the latest LADOTD Process and Reports requirements. The work included collecting updated data for both traffic volumes and safety analysis. Brandon reviewed the updated work and provided insight on the LADOTD process.			

09/20 – 04/23	Traffic Engineer S.P. No. H.013897, F.A.P. No. H013897, I-10/I-12 College Drive Flyover Ramp OVS Baton Rouge, LA - Review engineer responsible for reviewing traffic signal plans for the proposed signal modifications at the I-10 at College Drive interchange. Comments were developed and provided based on the latest LADOTD Traffic Signal Design standards and specifications as well as LADOTD's TSI format. These reviews were conducted in a timely format as required by a design-build project to keep the project on schedule.
02/20 – 04/22	Project Manager Ascension Parish LA 621 at Roddy Rd Intersection Evaluation Ascension Parish, LA * - Brandon managed a project to evaluate the intersection of LA 621 at Roddy Rd based on LADOTD EDSM VI.1.1.1.2 Intersection Control Evaluation (ICE). The project included collecting existing intersection volumes, geometry, and safety data. Brandon identified capacity and safety issues and developed potential mitigating improvements. He conducted analysis and assisted in developing conceptual geometry for the proposed roundabout. HSM-based methods were used to evaluate, compare, and quantify the potential impacts on safety.
08/22 – 01/24	Deputy Project Manager TXDOT Bryan District FM 60 University Feasibility Study College Station, TX - ATG's Engineering and Planning teams looked holistically at the FM 60 corridor to examine how the system was functioning for all modes of transportation. Brandon's task included alternative development, analysis review and overall QA/QC.
11/21 - Ongoing	Project Engineer TxDOT Rockwall County Outer Loop Rockwall County, TX – The project involves an evaluation of potential alignments of Rockwall County Outer Loop from FM 1138 near the Collin County line to SH 276 in Rockwall County. Brandon is the lead engineer for data collection and analysis, conceptual traffic control, traffic projections, and traffic engineering including capacity analysis and Interstate Access Justification Report (IAJR) and safety analysis.
04/19 – 04/22	Project Engineer Jefferson Parish No. 2017-054-RBP - Manhattan Blvd Signal Modifications, Westbank Expressway to Lapalco Blvd, Jefferson Parish, LA * – Brandon developed traffic signal modification plans for 11 intersections along the Manhattan Blvd corridor in accordance with Jefferson Parish and MUTCD standards. Traffic signal modifications developed by Brandon included controller component upgrades, video detection and pedestrian accommodations as select intersections. Pedestrian accommodations included crosswalk striping, handicap ramps, signage, pedestrian signal heads and push buttons. Brandon developed a construction cost estimate, Jefferson Parish specifications and bid tabulations for use in the bidding process. He worked closely with Jefferson Parish traffic personnel to incorporate their requests throughout the project.
04/16 – 02/19	Project Engineer SP H.011670.1 I-10/Loyola Interchange Improvement Jefferson Parish, LA * – Brandon's tasks included data collection, safety analysis and VISSIM analysis for the Loyola Interchange project in Kenner. Data collection related tasks included processing field travel time data and determining 95% confidence levels. He managed the safety analysis tasks which included crash report review, collision diagrams, overrepresentation determination, statewide average comparisons and trend identification. VISSIM tasks included volume inputs, travel time section data processing and calibration. He also coordinated the VISSIM animation production used to present the alternatives to the public based on requirements from LADOTD and FHWA.

**Performed services prior to joining ATG*

16. Staff Experience:

Firm employed by Alliance Transportation Group, LLC				
Name	Ellen Soll, AICP		Years of relevant experience with this employer	2
Title	Active Transportation Task Lead		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		MS, 2004, Community & Regional Planning, UT Austin BA, 1998, Anthropology, UMASS Amherst		
Active registration number / state / expiration date		AICP / #022382 / Expires: 06/30/26		
Year registered	AICP - 2008	Discipline	Planning	
Contract role(s) / brief description of responsibilities		Ellen is a Senior Project Manager and Transportation Planner at ATG. Ellen authored the Complete Streets policy for Louisiana. Her 20 years of experience in active transportation planning have centered on creating efficient, safe, and sustainable communities throughout the Gulf South. A seasoned planner and manager, Ellen’s expertise lies in active transportation planning, Complete Streets, transportation system plans, and corridor 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).			
08/23 – 12/23	ATG Project Manager City of Natchitoches Comprehensive Safety Action Plan Natchitoches, LA - ATG was a subconsultant on this Safety Action Plan for the City of Natchitoches. As ATG’s Project Manager, Ellen was responsible for the delivery of all elements of the plan, including public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations.			
06/24 – Ongoing	Project Manager Northwest Louisiana Council of Governments Safe Streets for All (SS4A) Regional Action Plan Northwest LA – ATG is the Prime consultant for this SS4A Action Plan. As ATG’s Project Manager, Ellen is responsible for the delivery of public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations.			
12/23 – Ongoing	Project Manager Northwest Louisiana Council of Governments Regional Active Transportation Plan Caddo, Bossier, DeSoto and Webster Parishes, LA – Ellen is the Project Manager for this plan, which will be used as a tool by the NLCOG to improve upon its network of existing facilities and to develop new facilities that provide for improved and safer walking, bicycling, and other forms of micro-mobility for transportation and recreational opportunities.			
05/22 - Ongoing	Project Planner LADOTD Statewide Technical Assistance for Transit Louisiana Statewide - Project Planner is providing technical assistance and support to the Louisiana Department of Transportation and Development Public Transit Division. Ellen is a task lead on the Human Services Coordinated Transportation Plan. Ellen also provides coordination and technical resources to regional mobility managers, supplementing Public Transit’s capacity by developing data, resources and coordination on an as-needed basis.			

10/23 - Ongoing	ATG Project Manager NORPC A Path to Zero: Safe Streets for All (SS4A) Plan St. John the Baptist, Tangipahoa, and St. Tammany Parishes – ATG is a subconsultant on this Safety Action Plan for the three parish area. Ellen is ATG's Project Manager, responsible for the delivery of public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations.
07/23 – 09/24	Project Manager South Central Planning and Development Commission Regional Bicycle and Pedestrian Safety Plan, Southeast LA – As Project Manager, Ellen guided this plan that will help the SCPDC to improve upon its network of existing facilities and to develop new facilities that provide for improved and safer walking, bicycling, and other forms of micro-mobility for transportation and recreational opportunities. The plan identified deficiencies and specific improvements to infrastructure with the goal of building a complete network for active transportation users.
03/20 – 02/22	Project Manager NLCOG Metropolitan Transportation Plan (MTP) Update Caddo, Bossier, DeSoto and Webster Parishes, LA * - Having been retained by Northwest Louisiana Council of Governments (NLCOG) as part of the ATG-led team to prepare the NLCOG MTP 2045 Update, Ellen served as project manager for a planning and engineering firm. She oversaw the data optimization of inputs into the network model, analysis of bicycle and pedestrian needs, and identifications of impacts to the natural and human environment for proposed projects.
12/22 – 10/23	Project Manager City of Victoria Active Transportation Master Plan Victoria, TX - Project Manager for this Active Transportation Master Plan to make it safer and more comfortable to walk, bike and roll in Victoria, TX. Ellen was responsible for all major deliverables, including risk-based safety and crash analysis, latent demand analysis, level of stress analysis, sidewalk gap analysis, public engagement, and stakeholder involvement. Ellen led the development of an active transportation network plan to address safety on the high injury network and create an all ages network for the city through the implementation of bicycle infrastructure, sidewalks, trails, crossing features and other safety countermeasures.
02/23 – 05/23	Project Planner/Grant Writer Waco Transit System Low/No Emissions Fleet Transition Plan Waco, TX - To build a competitive edge for Infrastructure Investment and Jobs Act (IIJA) funding, ATG helped the Waco Transit System develop a Low/No Emissions Fleet Transition Plan. As Project Planner and Grant Writer, Ellen prepared several technical and narrative items. Waco was successfully awarded \$3.1 million to buy 4 battery-electric buses and install 4 chargers to replace aging diesel buses. The project will reduce carbon emissions in neighborhoods with high levels of diesel-based pollution while improving transit reliability and helping residents access jobs, schools, and essential services.

**Performed services prior to joining ATG*

16. Staff Experience:

Firm employed by Alliance Transportation Group, LLC			
Name	Ed Elam, AICP, PTP, PTSCTP, TSSP-Rail/Bus		Years of relevant experience with this employer
Title	Quality Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Master of Urban and Regional Planning (MURP) / 1990 BA, Political Science/Public Administration / 1988	
Active registration number / state / expiration date		AICP: #10672 /all / no expiration; Professional Transportation Planner #446, no expiration; Transit Safety & Security Professional – Rail (TSI), Bus (TSI), no expiration	
Year registered	AICP - 1994	Discipline	Planning
Contract role(s) / brief description of responsibilities		Ed is Vice President and Planning Director at ATG, and helps to lead our Louisiana-based team housed at our Metairie, LA, office. He has more than 34 years of experience managing and overseeing transportation planning projects including MTPs, Transit Development Plans, and Statewide Transportation Coordination 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).		
12/23 – Ongoing	Project Manager RGVMPO 2050 MTP Update Rio Grande Valley, TX - Ed is the Project Manager for this MTP update for a large MPO covering a three-county area of the Rio Grande Valley (Starr, Hidalgo, Cameron Counties) formed through the merger of MPOs in the area during the previous MTP development cycle. This plan provides an update and reporting on systems development across highways, transit, active transportation and incorporates ATG developed plans to address resiliency, sustainability, and project prioritization. Ed leads a team creating methodologies for systems update and development. He has developed methods to evaluate transit system connectivity and active transportation systems connectivity. Ed also assists with addressing client interactions and needs, while reviewing products, analysis and public facing materials for accuracy and completeness.		
03/20 – 02/22	Project Planner NLCOG MPO 2045 MTP Update, Shreveport, LA – Ed served as Project Planner for this project, reviewing technical analysis on transit networks and system development. ATG’s specific assigned tasks included development of an expanded travel demand model (TDM) to incorporate one additional parish and an update of the source code for the model to TransCAD 8.0; defined a public engagement strategy to gather community and stakeholder input via virtual and in-person events; and identified improvements for mobility of freight, transit, pedestrians, and cyclists. The plan also established performance measures and project prioritization to not only comply with FAST Act requirements, but to provide a framework for performance-based decision making and scenario review. The plan’s objective was to support development of a future transportation system that addresses the community’s vision, goals, and objectives while complying with all state and federal requirements.		

01/21 – 06/22	Quality Manager City of Temple Temple Mobility Master Plan Temple, TX – ATG led a multidisciplinary team of regional and national consulting firms in the development and delivery of an advanced practice Mobility Master Plan (MMP) for the City of Temple. To achieve the City’s goals, ATG designed the MMP to be a unifying document that transcends the confines of standard transportation system planning to achieve a comprehensive vision for the City’s future. The final plan delivered recommendations for a complete transportation system that moves people and goods safely and efficiently. Ed provided technical reviews to deliverables prepared by the team on behalf of the City of Temple.
03/20 - Ongoing	Deputy Project Manager LADOTD Statewide Technical Assistance for Transit (STAT) Statewide, LA / PO No. 2000042867 – This project provides technical assistance to statewide transit development including the statewide coordinated human services transportation plan. Ed is the primary planner, facilitating public input from agencies and key stakeholders as well as providing analysis on needs and demands in the eight DOTD Regions. Ed is developing a report-card matrix to document progress with plan implementation, and activities to advance regional coordinated human services transportation.
09/21 – 06/22	Quality Manager RAPC MTP Chapter Assistance Alexandria, LA – ATG was engaged by the Rapides Area Planning Commission on behalf of the Alexandria/Pineville Area MPO to develop and deliver two unique chapters in support of the development of their 2045 MTP update. As Quality Manager, Ed provided technical reviews for all deliverables.
03/20 – Ongoing	Technical Team LADOTD Technical Assistance for State Safety Oversight (TASSO) On-Call Services New Orleans, LA – Ed is part of the technical staff assisting LADOTD with the FAST Act compliant State Safety Oversight (SSO) Program for the enhanced oversight program to ensure public safety on the New Orleans streetcar system. Tasks include assisting with submissions to FTA and developing/reviewing ongoing compliance actions taken by New Orleans Regional Transit Authority (NORTA) for streetcar operations
05/20 – 05/20	Project Manager SporTran/City of Shreveport Benefit-Cost Analysis – BRT Corridor Study Shreveport, LA - As Project Manager, Ed worked with SporTran/City of Shreveport on the development of a benefit-cost analysis of the proposed Shreveport Healthcare and Development Corridor Improvements Project, a proposed bus rapid transit (BRT) connecting Willis Knighten Healthcare North Campus to Ochsner-LSU Health Center. The benefit-cost analysis was prepared following US DOT requirements to accompany a request for BUILD grant funds for project implementation.
02/23 – 10/23	Project Manager City of New Braunfels Transit Development Plan New Braunfels, TX – ATG worked with the City on a transit development plan with community input that provides short- and long-term strategic guidance to the development of transit services and coordination with rural and adjacent transit providers over a 20-year planning period. The plan identified current and future demands, capital needs, staging and implementation of services, organization for developing federal funding and community partnerships required to build support for services. As Project Manager, Ed worked with the team to document existing conditions and services as well as document recommendations to improve transit service delivery. The final plan included recommendations for a phased approach to transit implementation to grow service into areas of immediate need and expand over time from a core of sustainable service to include a microtransit and fixed-route service options connecting neighborhoods.

16. Staff Experience:

Firm employed by Alliance Transportation Group, LLC			
Name	Colin Ash, AICP		Years of relevant experience with this employer
Title	Transportation Planner		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	MS, 2017, Transportation, University of New Orleans Master of Urban Planning, 2016, University of New Orleans BS, 2011, Marketing, Louisiana State University		
Active registration number / state / expiration date	AICP #33927 / all / 06/30/2025		
Year registered	AICP - 2022	Discipline	Planning
Contract role(s) / brief description of responsibilities	Colin is a multimodal Transportation Planner with experience in active transportation and land use plans, corridor evaluations, environmental studies, and community engagement in collaboration with multidisciplinary teams of planners, engineers and other design and environmental professionals. Colin assists with a wide variety of projects including for transit providers in Houston, San Marcos, and Waco as well as transit projects for State DOTs in Arkansas and Louisiana. Colin previously worked as a Transit Planner with two transit authorities in Louisiana.		
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).		
08/23 – 12/23	ATG Deputy Project Manager City of Natchitoches Comprehensive Safety Action Plan Natchitoches, LA - ATG was a subconsultant on this Safety Action Plan for the City of Natchitoches, LA. As Deputy Project Manager, Colin assisted with public engagement, including an online public survey and interactive map. The Safety Action Plan is funded by the Safe Streets and Roads for All (SS4A) Grant Program, which includes two grant types: Planning Grants and Implementation Grants. The Safety Action Plan will directly inform the City’s 2024 application for an Implementation Grant award under the same program, including the recommendations and cost estimates of projects and strategies developed in the planning effort.		
06/24 – Ongoing	Deputy Project Manager City of Brownsville Bus Rapid Transit (BRT) Feasibility Study Brownsville, TX – The City of Brownsville and B-Metro are undertaking a Bus Rapid Transit (BRT) Feasibility Study to investigate, analyze, and determine the feasibility of developing a Rapid Transit Corridor (RTC). ATG is a subconsultant on the project. Colin was a key contributor to the review of existing plans, demographics, and development in the area that supported AECOM’s BRT corridor analysis. Additionally, Colin oversaw a BRT station location analysis along the identified corridor.		
03/23 – 03/24	Project Planner City of Alexandria Transit Support Assistance Alexandria, LA – ATG provided technical support and assistance to the City of Alexandria’s transit system, ATRANS. Colin assisted the agency in updating their Public Transportation Agency Safety Plan (PTASP) and Transit Asset Management (TAM) Plan as well as provided review and guidance on various elements of the agency’s FTA triennial review and ongoing route planning.		
06/24 – Ongoing	Deputy Project Manager Northwest Louisiana Council of Governments Safe Streets for All (SS4A) Regional Action Plan Northwest LA – ATG is the Prime consultant for this SS4A Action Plan. As ATG’s Deputy Project Manager, Colin assisted with the delivery of public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations.		

08/22 - Ongoing	Project Planner LADOTD Statewide Technical Assistance for Transit Louisiana Statewide - Project Planner is providing technical assistance and support to the Louisiana Department of Transportation and Development Public Transit Division. Colin provides coordination and technical assistance towards various statewide planning efforts, including but not limited to Coordinated Public Transit-Human Services Transportation, Agency Safety Plans (ASP), Transit Asset Management (TAM) plan, and the Intercity Bus program.
10/23 – Ongoing	Transportation Planner City of New Braunfels Transit Development Plan, Phases I and II New Braunfels, TX – ATG led a team to collaborate with the City of New Braunfels to produce a transit development plan informed by community input (Phase I). The plan provides the City with short- and long-term strategic guidance for the development of transit services and coordination with rural and adjacent transit providers over a 20-year planning period. ATG continued its relationship with New Braunfels into the implementation phase (Phase II) of its transit development plan to assist the City in developing related plan and documents required by the Federal Transit Administration to become a direct recipient of Federal transit funding and launch a new transit service as well as support the City’s development of an RFP for the operation of service.
04/23 – 04/24	Transportation Planner City of McAllen Move McAllen Implementation Plan Update McAllen, TX – ATG assisted McAllen with an update to their Short Range Transit Plan completed in August 2019. Colin is leading review and analysis of the previous plan to identify necessary updates and revisions to standards and alignments to maximize resources and maintain quality transit service for the McAllen community, including considerations for the integration of microtransit and high-capacity transit options. After updating the plan and service analysis, ATG will assist McAllen with public engagement materials and an implementation strategy for rolling out the agency’s network realignment.
08/22 – 06/23	Transportation Planner ARDOT Statewide Transit Coordination Plan Arkansas – ATG assisted ARDOT in updating their Statewide Transit Coordination Plan, which identified and assessed mobility needs in the state in regards to human services transportation. Colin primarily focused on a task to develop a revised distribution calculation method for the State’s Rental Car Tax fund whose revenues are dedicated to transit.
08/22 – 12/23	Transportation Planner City of San Marcos San Marcos Transit Desk Review San Marcos, TX – This multi-phased project included services to review Federal Transit Administration (FTA) guidelines and provide consultation to the City as a new direct recipient of FTA funding. Phase 1 included a desk review of several areas of FTA compliance. Colin began during Phase 2 to assist San Marcos in revising and developing documents in preparation for their first FTA triennial review. Phase 3 includes ongoing consultation and assistance through the triennial review process from the recipient information request (RIR) through the review itself and until completion of the City’s response to any deficiencies noted by FTA.

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.			
Name	Jonathan E. Gerhart, PE	Years of relevant experience with this employer	14
Title	Project Manager – Electrical Design	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization	BS 1998 Electrical Engineering		
Active registration number / state / expiration date	43052 LA 03/31/2025		
Year registered	2016	Discipline	Electrical
Contract role(s) / brief description of responsibilities			
Mr. Gerhart is a Project Manager in Modjeski and Masters' Electrical Engineering Section and has over 25 years of experience in the design of electrical distribution systems, control systems and safety systems, including roadway lighting systems. Having over 10 years of experience on LADOTD Roadway Lighting Projects, Mr. Gerhart is experienced with photometric analysis and roadway lighting design (both HPS and LED), including inspections, construction support, and troubleshooting. He has vast expertise in all matters related to lighting systems having served as Lead Design Engineer for numerous LADOTD roadway lighting projects and has developed evaluations, recommendations, cost estimations, value engineering and consultations with LADOTD electrical staff. Mr. Gerhart will serve as a Project Manager.			
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).		
03/23 – On-going	H.015504 US 90-Z CCC Decorative Lighting, New Orleans, LA LADOTD M&M was contracted by LADOTD for the design of the proposed Dynamic Decorative Lighting System to be installed on the two Crescent City Connection (CCC) Bridges over the Mississippi River in New Orleans, LA. (CCC #1 & CCC #2). The proposed decorative lighting system will include remotely operated dynamic LED necklace lighting on the top chords, uplighting on selected truss members and downlighting on the main piers and would be on both the upriver and downriver sides of the two superstructures. Project was on an expedited schedule. M&M was responsible for preparing the final construction plans and specifications, Level 4 Transportation Management Plan (TMP) and coordinating USCG approval. Mr. Gerhart served as Project Manager for the Decorative Lighting Design.		
12/19 – On-going	H.011137.5 Lighting Engineering Design Services for I-12: LA 1077 to US 190. Covington, LA LADOTD As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M is currently providing construction related engineering services for this project. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.		
01/17 – On-going	H.003184: I-10: Texas State Line – E. of Coone Gully Lighting, Calcasieu Parish, LA LADOTD M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.		



07/18 - 06/21	<p>H.012739: I-20 @ Vicksburg - Electrical, Vicksburg, MS LADOTD</p> <p>M&M provided electrical engineering services to develop final plans and specifications for rehabilitation of the existing electrical systems, including photometric report and replacement of roadway lighting with an LED design, replacement of navigation lighting and aerial beacons, and rehabilitation and relocation of low-voltage electrical components including monitoring equipment including monitoring equipment, MDOT equipment, river current monitoring equipment. M&M also provided construction related engineering services, including field inspections and shop drawing, as-built drawing and submittal review. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.</p>
09/16 – 06/19	<p>H.012503: I-12 @ LA 447 (Walker) Interchange Lighting, Walker, LA LADOTD</p> <p>The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M performed photometric analysis, and provided plans & construction estimates and construction related engineering services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.</p>
09/15 – 07/16	<p>H.003003: I-10: E. Jct. I-49 to LA 328 Lighting, Lafayette and St. Martin Parishes LA LADOTD</p> <p>The project involved the design of roadway lighting on Interstate 10 from I-49 to LA328 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related engineer services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.</p>
10/15 – 09/20	<p>H.003014: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting, St. Martin Parish LA LADOTD</p> <p>The project involved the design of roadway lighting for Interstate 10 from LA347 to Atchafalaya Floodway Bridge in Lafayette, LA. The design included providing low-mast lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related engineering services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.</p>
12/13 - 05/17	<p>H.010863: I-10 @ Ambassador Caffery Parkway Interchange Lighting, Lafayette, LA LADOTD</p> <p>The project involved the design of roadway lighting for the Ambassador Caffery Parkway (LA 3184) Interchange along Route I-10. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections, including final punch-list inspection. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.</p>
11/10 - 05/15	<p>H.002691: LA8/US 171 Roundabout. Vernon Parish, LA LADOTD</p> <p>The project involved the design of roadway lighting for a two-lane, four-legged modern roundabout that was reconstructed from a signalized T-intersection of US-171 with LA 8/28. The design incorporated the use of decorative light fixtures and poles and was coordinated with the local government agencies and well as the electrical utility company to simplify future maintenance and provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections, including final punch-list inspection. Mr. Gerhart served as Lead Electrical Design Engineer and Inspector for this project.</p>

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.			
Name	Cullen J. Ledet, III, P.E.		Years of relevant experience with this employer
Title	Senior Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS 2000 Civil Engineering		
Active registration number / state / expiration date	33222 LA 09/30/2025		
Year registered	2007	Discipline	Civil
<p>Contract role(s) / brief description of responsibilities</p> <p>Mr. Ledet is a Senior Associate in Modjeski and Masters' New Orleans Office and has over 18 years of experience in the design of fixed and movable highway and railroad bridges. He also has provided quality assurance for all disciplines represented in the plans and specifications for numerous LADOTD Roadway Lighting Projects. He has consulted with personnel at DOTD Headquarters (Electrical Design) and various District offices to ensure the proposed lighting design meets the local needs while adhering to DOTD Illumination Standards. Mr. Ledet is very familiar with the DOTD Electronic Deliverable requirements and ensures that the firm remains up-to-date with current Consultant Workflow procedures. Mr. Ledet also led the development of Transportation Management Plans (including Level 4) for various DOTD projects and he is currently compliant with work zone training (TCT/TCS/Flagger). Mr. Ledet will serve as the Principal in Charge and Quality Assurance Manager.</p>			
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).		
03/23 – On-going	<p>H.015504 US 90-Z CCC Decorative Lighting, New Orleans, LA LADOTD</p> <p>M&M was contracted by LADOTD for the design of the proposed Dynamic Decorative Lighting System to be installed on the two Crescent City Connection (CCC) Bridges over the Mississippi River in New Orleans, LA. (CCC #1 & CCC #2). The proposed decorative lighting system will include remotely operated dynamic LED necklace lighting on the top chords, uplighting on selected truss members and downlighting on the main piers and would be on both the upriver and downriver sides of the two superstructures. Project was on an expedited schedule. M&M was responsible for preparing the final construction plans and specifications, Level 4 Transportation Management Plan (TMP) and coordinating USCG approval. Mr. Ledet provided contract management and provided quality assurance for all engineering disciplines as part of this project.</p>		
1/2017 – On-going	<p>H.003184: I-10: Texas State Line – E. of Coone Gully Lighting, Calcasieu Parish, LA LADOTD</p> <p>M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria. Mr. Ledet provided contract management and provided quality assurance for all engineering disciplines as part of this project.</p>		
09/16 – 09/19	<p>H.012503: I-12 @ LA 447 (Walker) Interchange Lighting, Walker, LA LADOTD</p> <p>The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related services including shop drawing review and field inspections. Mr. Ledet provided contract management and quality assurance for all engineering disciplines as part of this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.</p>		



09/15 – 07/21	<p>H.003003: I-10: E. Jct. I-49 to LA 328 Lighting, Lafayette and St. Martin Parishes LA LADOTD</p> <p>The project involved the design of roadway lighting on Interstate 10 from I-49 to LA328 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related engineer services including shop drawing review and field inspections. Mr. Ledet provides contract management and quality assurance for all engineering disciplines as part of this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.</p>
10/15 – 11/22	<p>H.003014: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting, St. Martin Parish LA LADOTD</p> <p>The project involved the design of roadway lighting for Interstate 10 from LA347 to Atchafalaya Floodway Bridge in Lafayette, LA. The design included providing low-mast lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and is currently providing construction related engineering services including shop drawing review and field inspections. Mr. Ledet provides contract management and quality assurance for all engineering disciplines as part of this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.</p>
12/13 - 05/17	<p>H.010863: I-10 @ Ambassador Caffery Parkway Interchange Lighting, Lafayette, LA LADOTD</p> <p>The project involved the design of roadway lighting for the Ambassador Caffery Parkway (LA 3184) Interchange along Route I-10 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Ledet provided quality assurance for all engineering disciplines and oversaw plan development for this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.</p>
06/12 - 10/17	<p>H.009201: I-20 @ Garrett Road Interchange Lighting, Monroe, LA LADOTD</p> <p>The project involved the design of roadway lighting for the Garrett Road Interchange along Route I-20 in Monroe, LA. The design included the use of low-mast poles and underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Ledet provided quality assurance for all engineering disciplines and oversaw plan development for this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.</p>
10/10 - 04/15	<p>H.000336: LA 431 Lighting Improvements, Ascension Parish, LA LADOTD</p> <p>The project involved the design of roadway lighting for four intersections along Route LA 431 as part of an overall improvement project. The design was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M performed a photometric analysis of the intersections and provided plan development of lighting plans and specifications conforming to the LADOTD Illumination Standards and National Electrical Code. M&M also provided construction related engineering services during construction. Mr. Ledet provided quality assurance for all engineering disciplines and oversaw plan development for this project.</p>
11/10 – 05/15	<p>H.002691: LA8/US 171 Roundabout, Vernon Parish, LA LADOTD</p> <p>The project involved the design of roadway lighting for a two-lane, four-legged modern roundabout that was reconstructed from a signalized T-intersection of US-171 with LA 8/28. The design incorporated the use of decorative light fixtures and poles and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Ledet provided quality assurance and oversaw plan development for this project.</p>

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.			
Name	Erin N. Rodgers, PE	Years of relevant experience with this employer	7
Title	Engineer - Electrical	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS 2017 Mechanical and Electrical Concentrations		
Active registration number / state / expiration date	093241 PA 09/30/2025		
Year registered	2022	Discipline	Electrical
<p>Contract role(s) / brief description of responsibilities</p> <p>Ms. Rodgers joined Modjeski and Masters, Inc. as an engineer in training in 2017 following her graduation from Elizabethtown College with a Bachelor of Science in Engineering. Ms. Rodgers serves as an Electrical Engineer E3 for the Electrical section and has been involved in design and inspection of several movable bridges and lighting systems during her time with the firm. She also has experience with roadway lighting design, tunnel lighting design and utility coordination projects. Ms. Rodgers is NEC/NFPA certified.</p>			
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).		
12/22 - Ongoing	<p>H.014646.5 I-20: US 165 to East of Garrett Road Lighting. Monroe, LA LADOTD</p> <p>M&M provided plans, technical specifications, special provisions and illumination analysis for the rehabilitation of the existing lighting system along I-20 from US 165 to E. of Garrett Road. M&M coordinated with the City of Monroe and interfaced with the Project Team for S.P. H.007300 on the selection of LED luminaires to provide consistent lighting throughout the project limits. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs.</p>		
12/20 – Ongoing & 01/18 – 01/19	<p>H.012889.5: I-20 Rehabilitation (Pines Road to I-220). Shreveport, LA LADOTD</p> <p>As part of an overall interstate improvement project, M&M was selected to develop roadway lighting plans to accommodate future interstate median lighting and to relocate any existing light poles in conflict with reconfigured on and off ramps. Ms. Rodgers is worked under the direction of a senior engineer to design a preliminary roadway lighting system for the I-20 widening project. She also participated in a site inspection to identify all existing electrical components in service. She performed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs. She used the final approved photometric analysis report to generate final plans and specifications.</p>		
12/19 – Ongoing	<p>H.011137.5 Lighting Engineering Design Services for I-12: LA 1077 to US 190. Covington, LA LADOTD</p> <p>As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M is currently providing construction related engineering services for this project. Ms. Rodgers performed photometric analysis and assisted in final electrical plan development. She also participated in field inspections and reporting for the construction of this project.</p>		



10/17 – 12/21	<p>H.003003.6: I-10: I-49 to LA 328 Lighting Construction Related Engineering Services. Lafayette, LA LADOTD</p> <p>M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-10 at I-49 to LA 328 Interchange Lighting. M&M will be working closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-10 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.</p>
10/17 – 09/20	<p>H.003014.6: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting Construction Related Engineering Services. New Orleans, LA LADOTD</p> <p>M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-10 @ LA 347 Interchange which consists of two roundabouts. M&M worked closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-12 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.</p>
01/18 – 05/19	<p>H.003184.5-2: I-10: Texas State Line to East of Coone Gully Lighting Design Related Engineering Services. Calcasieu Parish, LA LADOTD</p> <p>Ms. Rodgers worked under the direction of a senior engineer to design a roadway lighting system for I-10 widening project near Coone Gully, Louisiana. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs. Ms. Rodgers also worked to develop complete lighting plans for the project including plan layouts, pole schematics, and equipment detailing. She also participated in field inspections and reporting for the construction of this project.</p>
07/18 – 07/19	<p>H.011235.5: I-49 South at Verot School Road – Lafayette, LA LADOTD</p> <p>Ms. Rodgers worked under the direction of a senior engineer to design a preliminary roadway lighting system for the new interchange to be built at the intersection of I-49 and Verot School Rd near Lafayette, Louisiana. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs.</p>
10/17 – 04/19	<p>H.012503: I-12 LA 447 (Walker) Lighting Interchange. Walker, LA LADOTD</p> <p>M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-12 at LA 447 Interchange which includes two roundabouts. M&M worked closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-12 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.</p>

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Past Performance Evaluation Discipline(s)*	Traffic, ITS	
Project name	Zellwood Station Phase 3 Traffic Study			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC		
Project location	Zellwood, Florida		Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com				
Services commenced by this firm (mm/yy)		08/24	Total consultant contract cost (\$1,000's)		54
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		54

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) is currently completing a traffic study to evaluate access to the site from US 441 in accordance with Florida Department of Transportation (FDOT) requirements. Horizon's duties include:

- Review existing volume counts, turning movement counts, and driveway/median opening counts along US 441
- Review crash data along US 441, perform crash data analysis, and prepare collision diagrams
- Perform traffic signal warrant analysis
- Estimate increased traffic volume due to development of site
- Evaluate sight distance requirements
- Prepare conceptual layouts for multiple alternatives, including signalized intersection with new left turn lane from US 441, median openings, driveways, and adjustments to timing of adjacent traffic signals
- Prepare preliminary temporary traffic control plans, highway and driveway plan and profile, and cross sections
- Prepare preliminary drainage calculations
- Coordinate with FDOT
- Perform Intersection Control Evaluation (ICE)

Firm Members Involved: Ben Bartlett, Brett Liuzza, and John Karlin

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Past Performance Evaluation Discipline(s)*	Road	
Project name	Zellwood Station Phase 3			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC		
Project location	Zellwood, Florida		Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com				
Services commenced by this firm (mm/yy)		03/24	Total consultant contract cost (\$1,000's)		72
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		72

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) prepared a conceptual planning study to investigate the subdivision of the site, drainage requirements, and improvements to access from US 441 and is currently completing the final design. Horizon's duties include:

- Review of site zoning information/maps, topographic and boundary surveys, traffic studies, and geotechnical investigations and reports.
- Preparation of preliminary site plans illustrating potential configurations of commercial lots within the site.
- Hydrologic and hydraulic modeling, analysis, and design to determine subsurface drainage and detention pond requirements for multiple configurations of the site.
- Coordination with the Florida Department of Transportation (FDOT), Federal Aviation Administration (FAA), and St. Johns River Water Management District.
- Investigation of potential improvements to access from US 441, including the feasibility of widening the existing shared driveway and adding new driveways, turn lanes, and/or a signalized intersection.
- Coordination and relocation of utilities.
- Permitting assistance.
- Preparation of final plans and specifications, including site grading; subsurface drainage and detention pond; widening of existing asphalt pavement driveway, new Portland Cement Concrete (PCC) pavement driveway, concrete curbs, sidewalks, curb ramps, and pavement markings; potential signalized intersection and associated median modifications; and other miscellaneous features.
- Construction support.

Firm Members Involved: Brett Liuzza, Ben Bartlett, and John Karlin

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	Temporary Traffic Control Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Royal Bridge Inc.		
Project location	Metairie, Louisiana		Owner's Project Manager	Emmanuel Chrysakis	
Owner's address, phone, email	3601 Alt 19 North, Palm Harbor, FL 34683 / (727) 934-6042 / emmanuel@royalbridgeinc.com				
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000's)			5
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm (\$1,000's)			5

The Causeway Blvd./Airline Dr. Interchange was originally constructed in the 1950s and consists of 8 ramps, a 4-lane overpass, and an elevated traffic circle. Horizon Engineering, LLC prepared temporary traffic control (TTC) plans to facilitate the coating of Ramps 6 and 7 and the Overpass and installation of associated temporary works, such as containment systems and work platforms. The TTC plans include lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). The TTC plans were prepared in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.

Firm Members Involved: Ben Bartlett, John Karlin, and Brett Liuzza

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Past Performance Evaluation Discipline(s)*	Other (Structural)	
Project name	Mound Rest Area Improvements			Firm responsibility (prime or sub?)	Sub
Project number	H.011446	Owner's name	Delta Design Professionals LLC		
Project location	Mound, Louisiana		Owner's Project Manager	Ken Free	
Owner's address, phone, email	4141 Hwy. 577, Winnsboro, LA 71295 / (318) 729-9035 / ken.free@deltadp.com				
Services commenced by this firm (mm/yy)	09/24	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	10/24	Cost of consultant services provided by this firm (\$1,000's)			10

The Mound Rest Area Improvements (Route I-20 Westbound) project will construct numerous pavilions and covered walkways throughout the site. Horizon Engineering, LLC (Horizon) analyzed the proposed architectural design (roof sheathing, rafters, purlins, columns, base plate/anchors, and associated connections) of pavilions/covered walkways PV1, PV3, PV4, PV5, CW1, and CW2 for gravity, wind, and seismic loads. Horizon prepared structural calculations for submittal to DOTD and structural details describing the anchorage of the pavilions to the foundations.

Firm Members Involved: John Karlin

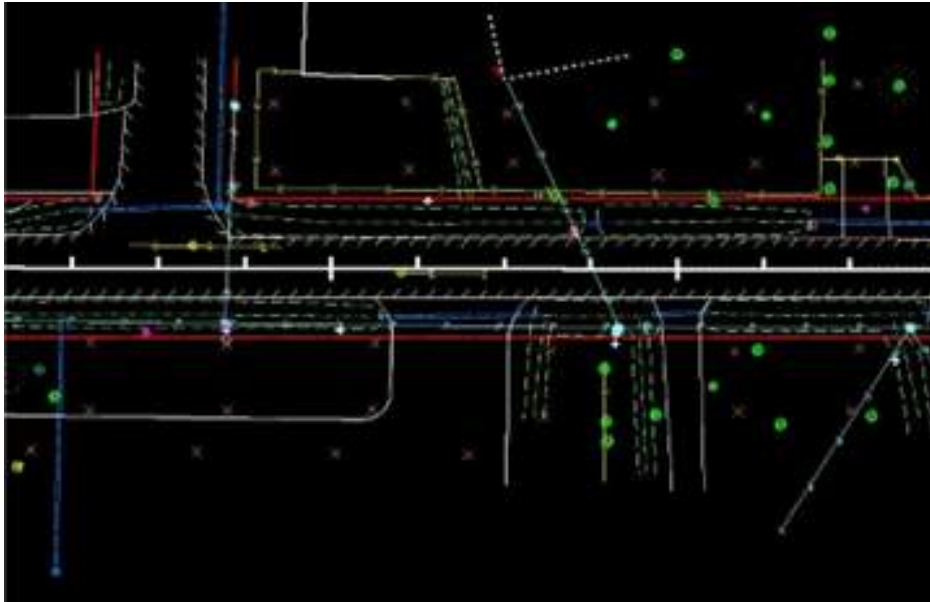
17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Past Performance Evaluation Discipline(s)*	Survey	
Project name	Hanks Dr./Landis Dr. Pedestrian Improvements-Phases 1-3			Firm responsibility (prime or sub?)	Prime
Project number	H.011773	Owner's name	East Baton Rouge Parish		
Project location	East Baton Rouge Parish, LA		Owner's Project Manager	Thomas Stephens, P.E.	
Owner's address, phone, email	P.O. Box 1471, Baton Rouge, LA 70821, (225) 389-3158; tstephens@brgov.com				
Services commenced by this firm (mm/yy)	11/15	Total consultant contract cost (\$1,000's)			\$423.33
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)			\$85.72

Hanks Drive & Landis Drive are neighborhood streets in northern Baton Rouge, off Airline Highway (US 190) north of Greenwell Springs Road (LA 37). This area experiences a high volume of pedestrian and bicycle traffic even in the absence of sidewalks. In 2012, a fatality involving a pedestrian occurred. This highlighted the urgent need for pedestrian facilities along this neighborhood corridor.

Fenstermaker provided engineering design services to the client, East Baton Rouge City/Parish, for pedestrian facility and drainage design along approximately 0.5 miles of Hanks Drive. Fenstermaker provided the design study, managed topographic and right-of-way surveys, and developed the hydraulic analysis, preliminary and final plans, and construction cost estimates. Due to the successful completion of Phase I of the project, Fenstermaker was contracted to perform design on Phase II, continuing the sidewalks along Hanks Drive to Dickens Drive and along Landis Drive from Hanks Drive to Greenwell Street, stretching approximately 1.15 miles. This phase of the project was in accordance with MoveBR Design Guidelines and LADOTD Guidelines.

Firm members involved: Travis Bodin, Bradford Millett, Aimee Latiolais



HORIZON ENGINEERING, LLC

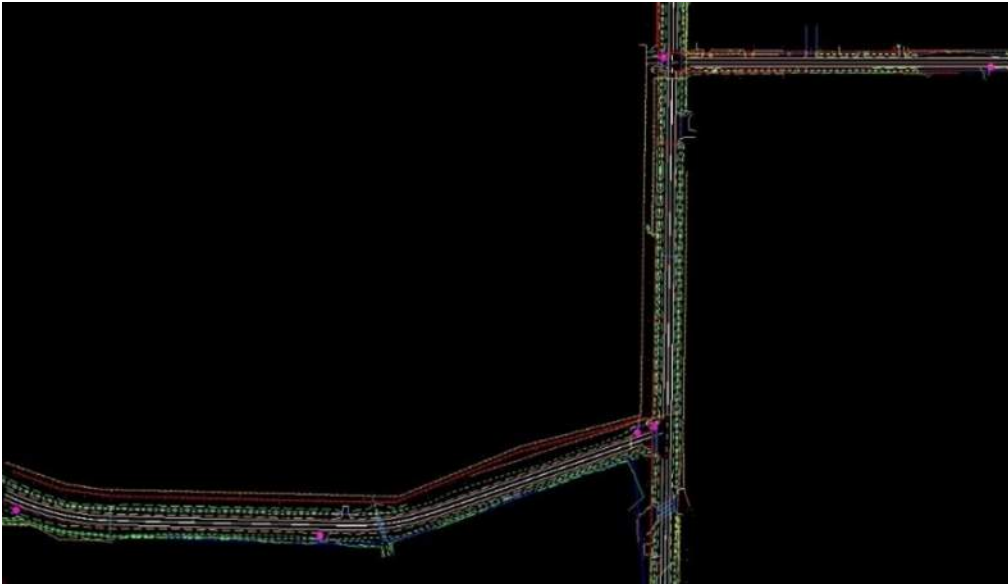
17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Lake Charles LNG LA384 & LA38 Traffic Impact Analysis, Road Improvements, and CE&I	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Lake Charles LNG
Project location	Calcasieu Parish, LA	Owner's Project Manager	John Kelly, Vice President
Owner's address, phone, email	(713) 989-7411, john.kelly@energytransfer.com		
Services commenced by this firm (mm/yy)	03/14	Total consultant contract cost (\$1,000's)	\$4,954.20
Services completed by this firm (mm/yy)	11/18	Cost of consultant services provided by this firm (\$1,000's)	\$2,488.65

Fenstermaker was responsible for designing road improvements at various locations to support anticipated construction traffic associated with the expansion of the Lake Charles LNG, G2X, and Magnolia Facilities. Fenstermaker performed topographic and boundary survey associated with the planned improvements, generated right of way maps, and coordinated and managed utility relocations. During construction Fenstermaker was responsible for all Construction Administration duties as well as supplying LADOTD certified inspectors to the project. Upon completion of the construction Fenstermaker submitted all close out documentation including Form 2059 to LADOTD.

(LADOTD Permit Nos. 153351 - LA 384 (Big Lake Rd.) at Tank Farm Rd.; 153352 – LA 384 (Big Lake Rd.) at W. Lincoln Road; 153353 - Gulf Highway (LA 385) and West Lincoln Road)

Firm members involved: Travis Bodin, Bradford Millett, Dax Douet, Aimee Latiolais



17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.	Past Performance Evaluation Discipline(s)*	Survey
Project name	City of Lake Charles Sidewalk Projects	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	City of Lake Charles
Project location	Calcasieu Parish, LA	Owner's Project Manager	Kelli Van Norman
Owner's address, phone, email	326 Pujo St., Lake Charles, LA 70601, (337) 491-1490, Kell-vannorman@cityoflc.us		
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost (\$1,000's)	\$214.97
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$214.30

Fenstermaker provided engineering services for sidewalk upgrades in the City of Lake Charles and designed over 13,000 ft. of sidewalks at the following separate sidewalk locations: Madeline Street -Common Street to Kirkman Street; Canal Street – Sale Road to W. McNeese; Nelson Road (LA 1138-2). – McNeese St. South to Evergreen Apartments; Bilbo Street – Clarence Street. to Iris St.; Illinois St. – Brentwood to Walton; Lake Street – between 18th Street and Sallier Street; Lisle Peters Road – Big Lake Road (LA 384) to E. St. Charles Avenue; and Sale Road – Lake Street to Ryan Street. Sidewalks varied in width between 5 ft. and 6 ft., depending on available rights-of-way and servitudes. All existing sidewalks were brought up to ADA compliance standards. All intersections and driveways were redesigned to ensure they met ADA compliance standards, including ramp design and use of truncated domes where required. Crosswalks were proposed at intersections for pedestrian safety. To accommodate the proposed sidewalk improvements, subsurface drainage was required along the corridor. Fenstermaker utilized the LADOTD Hydraulics Manual and software to design the inlet spacing and culvert sizes. Fenstermaker also worked with the City to determine the condition of the existing subsurface drainage system using dye testing and subsurface video surveys. Fenstermaker recommended the repair of damaged locations. Project staff worked with the City to ensure that the project limits remained within existing rights-of-way and servitudes. Fenstermaker completed a topographic survey of existing conditions and identified utility owners and coordinated potential conflicts. Multiple sidewalk locations tied into state routes, which required coordination with LADOTD District 07 for a project permit. Fenstermaker was responsible for the construction administration, including coordinating all field activities with the contractor and providing inspection. Additionally, Fenstermaker worked with utility providers to minimize impact and to promote cost savings to the overall project.

Firm members involved: Bradford Millett



17. Firm Experience:

Firm name	Ardaman & Associates, Inc.		Past Performance Evaluation Discipline(s)*		Geotech	
Project name	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167)			Firm responsibility (prime or sub?)		Sub
Project number	SP No. H.004273.5	Owner's name	LADOTD (Client: Stantec)			
Project location	Lafayette Parish, LA			Owner's Project Manager	Chris Nickel	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 225.379.1100 Chris.Nickel@la.gov				
Services commenced by this firm (mm/yy)		07/15	Total consultant contract cost (\$1,000's)			\$21,000
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$1,889

PROJECT DESCRIPTION

The overall project includes construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles, 3.5 of which consist of elevated structure. The project includes one three-level directional interchange at Kaliste Saloom Road (majority of interchange on structure); two full diamond interchanges at University/Surrey Street and Willow Street; two single point diamond interchanges at Johnston Street and 2nd/3rd Streets with associated railroad grade separations and arterial cross street studies involved; and various cross street connections at Pinhook Road, Jefferson Street, Mudd/Simcoe Street, Donlon Street, Castille/Martin Luther King Road and several minor streets.

The scope of services for this project includes preconstruction engineering design and related services for the construction of 5 miles of freeway consisting of a 3.5 mile-elevated structure that will include pile supported approach slabs, pile foundations, slope stability, pavement recommendations, embankment settlement, development of an advanced load test program, earth retaining structures, pavement design recommendations, and development of a design report presenting the geotechnical recommendations. The goal of the project is to design and construct the freeway and connecting infrastructure within the parameters and commitments of the selected alternative. Ardaman is currently conducting the geotechnical field investigation which consists of approximately 400 deep and shallow borings and Cone Penetrometer (CPT) soundings (including field reconnaissance, gaining rights of entry, completing utility location, GPS location and water table elevations), laboratory testing, and geotechnical engineering analyses and design for this project.

**FIRM MEMBERS**

Robert Jewell, Megan Bourgeois, Robert Rousset, Jarmon King

17. Firm Experience:

Firm name	Ardaman & Associates, Inc.		Past Performance Evaluation Discipline(s)*		Geotech	
Project name	Nicholson Drive (LA HWY 30) Segment 1			Firm responsibility (prime or sub?)		Sub
Project number	SP. No. H.002825	Owner's name	LADOTD			
Project location	East Baton Rouge Parish, LA			Owner's Project Manager	Chris Nickel	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 225.379.1100 Chris.Nickel@la.gov				
Services commenced by this firm (mm/yy)		06/20	Total consultant contract cost (\$1,000's)			\$9
Services completed by this firm (mm/yy)		10/20	Cost of consultant services provided by this firm (\$1,000's)			\$9

PROJECT DESCRIPTION

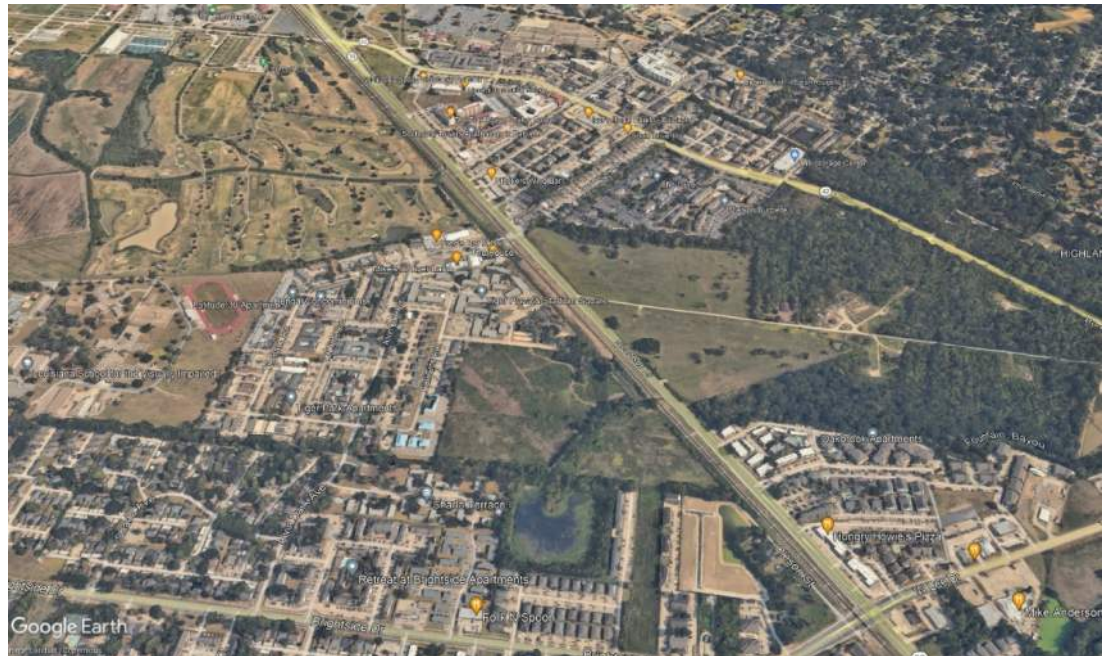
The project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive. Ardaman performed a geotechnical investigation to analyze the existing soil conditions at the cross-drain locations. This information was supplemented with existing soil boring logs from previous investigations to provide the pavement design recommendations.

The field investigation, conducted in accordance with the MOVEBR Design Guidelines, included thirteen (13) shallow soil borings and two (2) deep soil borings. The shallow soil borings were drilled to a depth of 6 feet below existing ground surface (bgs) and the deep soil borings were terminated at 40 feet in depth.

Laboratory testing was performed on select samples. The engineering analyses included earthwork considerations, culvert recommendations, including bedding and bearing capacity, and pavement recommendations in accordance with LADOTD specifications.

FIRM MEMBERS

Robert Jewell, Megan Bourgeois, Robert Rousset, Jarmon King



17. Firm Experience:

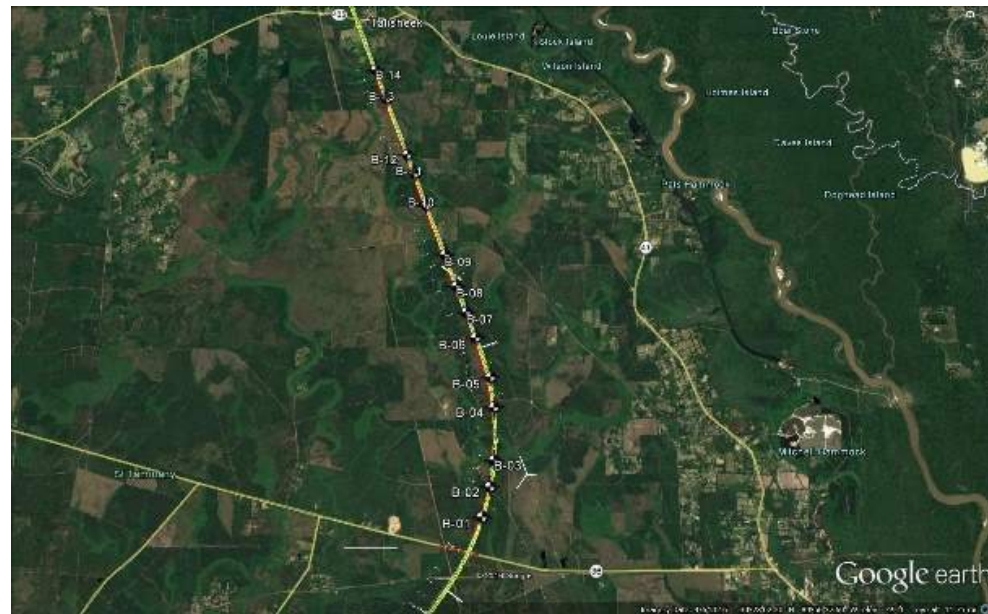
Firm name	Ardaman & Associates, Inc.		Past Performance Evaluation Discipline(s)*		Geotech	
Project name	I-12 to Bush – Route LA 3241 (LA 36 – LA 435) Segment 2			Firm responsibility (prime or sub?)		Sub
Project number	SP No. H.004435	Owner’s name	LADOTD (Client: Shread-Kuyrkendall)			
Project location	St. Tammany Parish, LA			Owner’s Project Manager	Chris Nickel	
Owner’s address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 225.379.1100 Chris.Nickel@la.gov				
Services commenced by this firm (mm/yy)		04/14	Total consultant contract cost (\$1,000’s)			\$3,197
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000’s)			\$460

PROJECT DESCRIPTION

As part of the TIMED Program, the project consists of design of a new highway which ties into I-12 at the existing I-12/LA 434 Interchange (Exit 74) and proceeds northerly along LA 434 for approximately 2.5 miles then leaves the existing highway and proceeds on new alignment until it connects with an abandoned railroad corridor approximately 1.7 miles north of LA 36. The alignment then follows the abandoned railroad alignment north and ties into the intersection of LA 40 and LA 41. The project is divided into three distinct project segments for which Ardaman was on the teams selected for Segments 2 and 3.

Segment 2 consists of an 8-mile alignment between LA 36 and LA 435 including two bridge structures and 8 culvert structures. The field investigation, conducted in accordance with LADOTD specifications, included field reconnaissance including access and gaining rights of entry, completing utility locations, locating/staking boring locations, and developing a plan for the initial mobilization of equipment to the site and mobilization between sites. The project consisted of 32 deep soil borings, 10 intermediate culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment. Global Positioning System (GPS) data was collected at each soil boring location along with groundwater level readings.

Soil boring logs were created in LADOTD format. Ardaman also provided geotechnical analyses and recommendations according to LRFD guidelines that included recommended pile capacities, culvert bearing capacities, embankment settlement analyses, and a pile data table.

**FIRM MEMBERS**

Robert Jewell, Megan Bourgeois, Robert Rousset, Chandler Willis

17. Firm Experience:

Firm name	GOTECH, Inc.			Past Performance Evaluation Discipline(s)*		**Survey	
Project name	IDIQ Contract for Design of Safety Projects Statewide with Majority of Work in District 02, 61 & 62				Firm responsibility (prime or sub?)		sub
Project number	4400015487		Owner's name	LADOTD			
Project location	Statewide			Owner's Project Manager		Mark Chenevert	
Owner's address, phone, email		1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov					
Services commenced by this firm (mm/yy)		01/20	Total consultant contract cost (\$1,000's)			\$N/A	
Services completed by this firm (mm/yy)		05/20	Cost of consultant services provided by this firm (\$1,000's)			\$84	

GOTECH provided topographic and utility location survey services in support of design plans and specifications for a complete lighting system for the I-10 at Read Boulevard Interchange in Orleans Parish. Survey crews conducted a complete topographic, elevation and utility survey within the entire limits of the I-10 Interchange with Read Boulevard. The topographic survey also included the location of both above ground and subsurface utilities. In addition, gathered survey data included information on the highway crossing exit/entrance ramps and elevated overpasses to facilitate lighting designs under elevated portions of I-10. All final deliverables were certified and submitted in strict accordance with DOTD Location and Survey standards.

GOTECH provided topographic survey in support of design for the closing of an existing ditch and installation of a sidewalk/multi-use path and handicapped ramps on a roadside design project. The survey was along Bootlegger Road (LA Hwy 1085) from Coquille Park to White Chapel Road. The overall length of the survey was approximately 3,600 feet. GOTECH was a subconsultant to Digital Engineering.

Project staff includes the following:

Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., P.L.S., Robert Price, P.L.S.

Survey Crew:

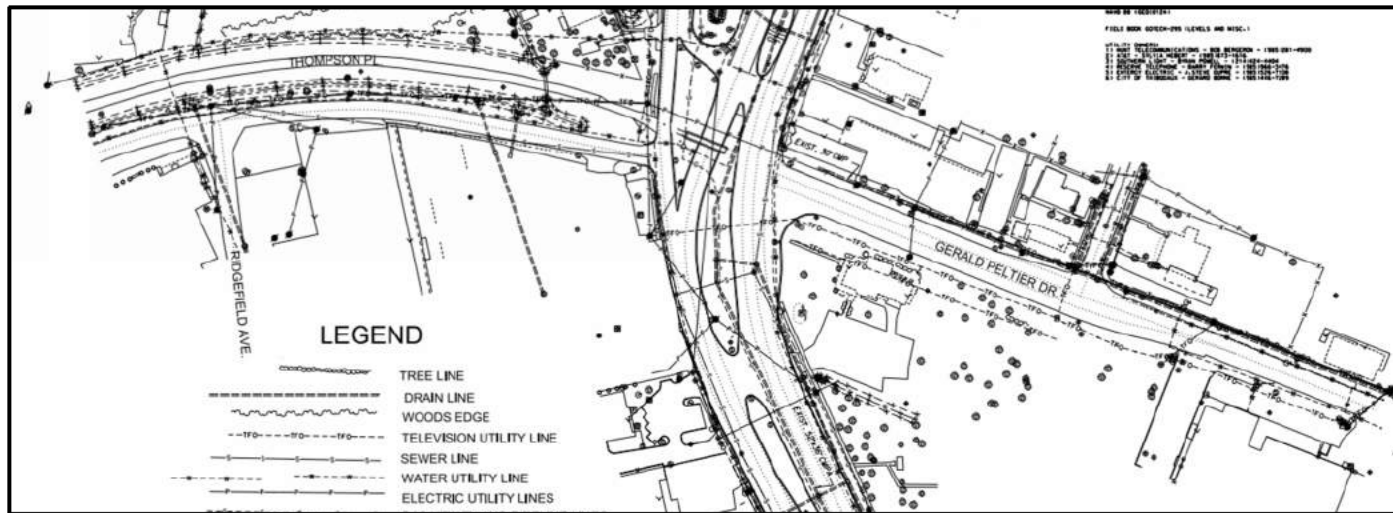
Brice Baker, Raymond Belmer, Jacob Belmer, Michael Major & Sean McKisson



17. Firm Experience:

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*	**Survey
Project name	Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place)		Firm responsibility (prime or sub?)	sub
Project number	4400004485; H..009320	Owner's name	LADOTD	
Project location	Thibodaux, LA		Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov			
Services commenced by this firm (mm/yy)	04/15	Total consultant contract cost (\$1,000's)		\$204
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm (\$1,000's)		\$195

GOTECH, Inc. provided a complete topographic survey required for the design of a roundabout at the existing intersection located in Thibodaux, LA. The survey was completed in accordance with LADOTD Standards and included all utilities with depths, all drainage structures, and DTM for the survey area. The project survey control and horizontal alignment was based on the Louisiana State Plane Coordinate System, (NAD-83-92) as determined by G.P.S. observation. The project also included right-of-way surveys and the preparation of right-of-way maps.

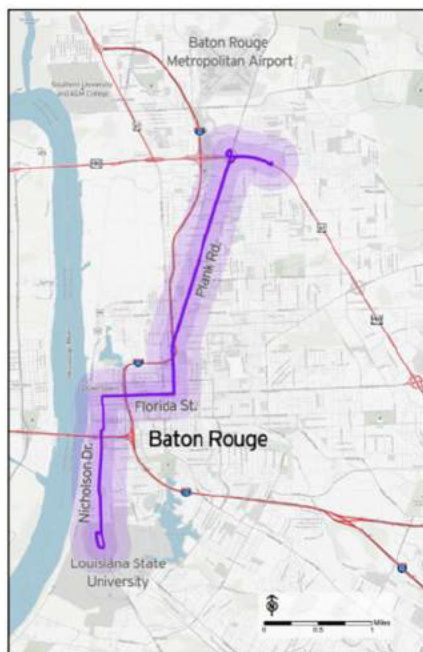


Project staff includes the following: Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., P.L.S., Robert Price, P.L.S.
Survey Crew: Raymond Belmer & Jacob Belmer

17. Firm Experience:

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*	**Survey
Project name	MOVEBR's Nicholson - Plank Bus Rapid Transit Corridor Project		Firm responsibility (prime or sub?)	Sub
Project number	16 CI-US-0032	Owner's name	City of Baton Rouge & Parish of East Baton Rouge	
Project location	Baton Rouge, LA		Owner's Project Manager	Tom Stephens
Owner's address, phone, email	1100 Laurel Street, Baton Rouge, LA 70802, (225)389-3186, tstephens@brgov.com			
Services commenced by this firm (mm/yy)	3/21	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)		\$725

As part of MOVEBR's Enhancement Program, GOTECH was selected to perform surveying and mapping services for the Nicholson-Plank Bus Rapid Transit Corridor Project. The project footprint extends from Nicholson Drive (LA 30) at Skip Bertman Drive to Plank Road (LA 67) at Airline Highway (US 61 / US190). The scope of work includes a topographic survey, cross section survey, right-of-way survey, utility survey, and mapping services. This 8.2-mile-long corridor survey includes different design elements such as subsurface utilities, subsurface drainage, median cross sections, urban and suburban contexts, pedestrian and transit facilities, and a significant amount of data overall.



Project staff includes: Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., PLS, Rob Price, P.L.S., Hogan Smith, P.E.

Survey Crew: Raymond Belmer, Jacob Belmer, Michael Major, John Biggs, Brice Baker

17. Firm Experience:

Firm name	Alliance Transportation Group, LLC	Past Performance Evaluation Discipline(s)*	Planning
Project name	Comprehensive Safety Action Plan	Firm responsibility (prime or sub?)	Sub
Project number	n/a	Owner's name	City of Natchitoches
Project location	Natchitoches, LA	Owner's Project Manager	Nick Verrett, PE
Owner's address, phone, email	700 2nd Street, Natchitoches, LA, 71457, 318.357.3875, NVerretJr@natchitochesla.gov		
Services commenced by this firm (mm/yy)	08/23	Total consultant contract cost (\$1,000's)	Unknown
Services completed by this firm (mm/yy)	12/23	Cost of consultant services provided by this firm (\$1,000's)	\$161

Alliance Transportation Group, LLC, was part of a team selected by the City of Natchitoches to prepare a Comprehensive Safety Action Plan.

The plan achieved a Leadership Commitment to the elimination of fatal and severe injury (F&SI) roadway crashes by aligning the goals and visions of the community with actionable projects to achieve that end, working with community leaders including the Mayor and City Council. ATG coordinated a steering committee comprised of technical experts and community members to provide Planning Structure over the process. Safety Analyses assessed five years of crash data and determined locations and key contributing factors, characteristics and causes of historic crashes for motor vehicles and people walking and biking.

Community engagement and collaboration occurred through online and neighborhood listening meetings to gather input and feedback from the public. ATG performed equity analyses to ensure that minorities and other vulnerable populations were fully included in the process and evaluated project recommendations to ensure that projects were distributed in a manner that benefits all members of the community.

Strategies to reduce crashes were developed and paired with locations to identify projects to be implemented. To set the City of Natchitoches up for continued success, ATG assisted them with the development of a dashboard that tracks progress and transparently reports that progress to community members. An action plan was prepared to summarize the process and guide future improvements to eliminate fatal and severe roadway crashes.

To facilitate public outreach and to provide a platform to educate the public about the ongoing processes of the SS4A Action Plan, ATG used Social Pinpoint to engage the public via one Internet-based platform. The website also overlaid potential project locations with proposed countermeasures and allowed the public to comment on recommended safety improvements from the list of proposed countermeasures.

Staff involved: Ed Elam, AICP, PTP, TSSP-Rail/Bus, PTSCTP; Ellen Soll, AICP, Colin Ash, AICP



17. Firm Experience:

Firm name	Alliance Transportation Group, LLC	Past Performance Evaluation Discipline(s)*	Planning
Project name	NORPC Vision Zero Plan	Firm responsibility (prime or sub?)	Sub
Project number	n/a	Owner's name	New Orleans Regional Planning Commission
Project location	Southeast Louisiana	Owner's Project Manager	Jeff Roesel
Owner's address, phone, email	10 Veterans Memorial Blvd., New Orleans, LA 70124, 504.483.8528, jroesel@norpc.org		
Services commenced by this firm (mm/yy)	10/23	Total consultant contract cost (\$1,000's)	Unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$224

ATG was part of a team selected by the New Orleans Regional Planning Commission to prepare a Vision Zero Plan for St. John the Baptist, Tangipahoa, and St. Tammany Parishes. The New Orleans RPC was awarded a federal planning grant under the Safe Streets and Roads for All (SS4A) program. In order to fulfill the grant requirements and ensure that recommended projects are eligible for implementation funding under the same program, the plan addressed all of the required planning grant components.

For this planning effort, ATG is a major subconsultant, leading several of the essential components. ATG is leading a robust public engagement effort to reach people throughout the three-parish study area using a variety of online and in-person mechanisms. This includes developing and maintaining a micro-website that highlights a variety of engagement features including an interactive map, visual preference survey and comment collection. The website also serves as a public receptacle where people can learn more about the project and view archived materials. In-person events include formal presentations, open house meetings, and intercept activities.

ATG is also leading the effort to develop an ongoing monitoring and evaluation tool to track progress to achieve Vision Zero after the plan development period ends. Working with NORPC, ATG is identifying the appropriate monitoring dashboard and selection of performance metrics.

In addition, ATG is leading the effort to work to gain a leadership commitment to the elimination of fatal and severe injury roadway crashes by developing a framework that aligns the goals, principles, actions, and metrics with the visions of the community leadership.

ATG is also supporting the existing conditions, safety analysis and development of policy recommendations, as well as assisting with the development of a graphic risk plan that meets all grant requirements and prepares projects for implementation funding..

Staff involved: Ellen Soll, AICP, Colin Ash, AICP



17. Firm Experience:

Firm name	Alliance Transportation Group, LLC		Past Performance Evaluation Discipline(s)*	Planning
Project name	NLCOG Regional Active Transportation Plan			Firm responsibility (prime or sub?) Prime
Project number	n/a	Owner's name	Northwest Louisiana Council of Governments (NLCOG)	
Project location	Northwest LA		Owner's Project Manager	Chris Petro
Owner's address, phone, email	625 Texas Street, Suite 200, Shreveport, LA 71101, 318.841.5950, chris.petro@nlcog.org			
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost (\$1,000's)		\$280
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$280

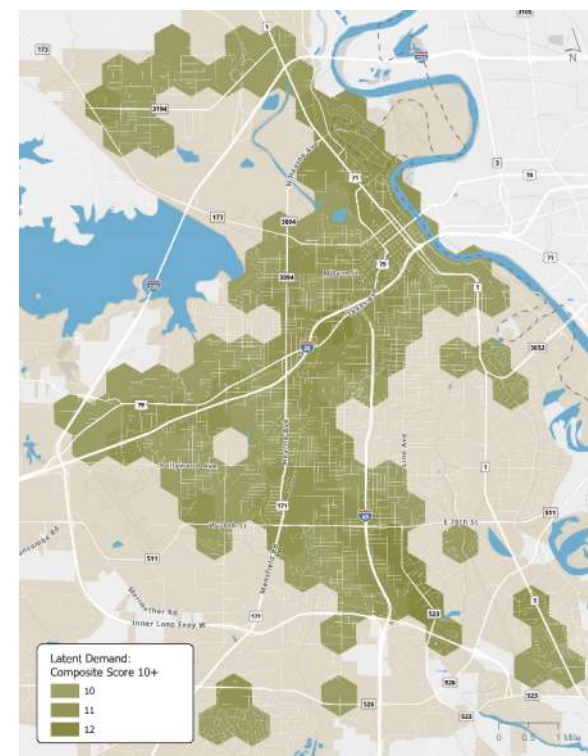
ATG was selected by the Northwest Louisiana Council of Governments (NLCOG) to develop a Regional Active Transportation Plan (RATP) for the MPO planning area of Bossier, Caddo, DeSoto and Webster Parishes.

This plan will be used as a tool by the NLCOG to improve upon its network of existing facilities and to develop new facilities that provide for improved and safer walking, bicycling, and other forms of micro-mobility for transportation and recreational opportunities. The Plan identified deficiencies and specific improvements to infrastructure with the goal of building a complete network for active transportation users, and will propose project selection criteria to prioritize current and future projects to make the best use of available funding sources and opportunities.

To assess the existing conditions experienced by people walking and biking in the region, a comprehensive safety analysis for vulnerable users is evaluating the high-injury network where crashes disproportionately affect people walking and biking and makes recommendations for countermeasures to address specific issues. A latent demand analysis and analysis of previously collected public information will be used as inputs into the development of a safe and comfortable all ages and abilities (AAA) network free from barriers to access.

This plan includes a broad outreach component, involving stakeholders, advocates and members of the public throughout the process to create a community-driven plan to make walking, bicycling, and other active modes of transportation safer, more comfortable, and more convenient throughout the region.

Staff involved: Ellen Soll, AICP; Ed Elam, AICP, PTP, TSSP-Rail, PTSCTP



17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	Other (roadway lighting)
Project name	I-12 @ LA 447 (Walker) Interchange Lighting/CRES		Firm responsibility (prime or sub?)	Prime
Project number	H.012503.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Livingston Parish		Owner's Project Manager	Christopher LeBourgeois, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802; (225) 379-1088; Christopher.lebourgeois @la.gov			
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost (\$1,000's)		\$316
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm (\$1,000's)		\$316

The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and construction related services including shop drawing review and field inspections.

**PROJECT FEATURES:**

- Development of a photometric analysis of the interchange and two roundabouts conforming to the LADOTD Illumination Standards.
- Design and development of electrical lighting plans and specifications conforming to the LADOTD Illumination Standards and the National Electric Code.
- Construction Related Engineering Support Services

PERSONNEL: Zolan Prucz, PhD, PE, Principal-in-Charge, Joseph Strenkoski, PE, Project Manager, Jonathan Gerhart, PE, Cullen Ledet, PE, Erin Rodgers, PE

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	Other (Decorative Lighting)
Project name	US 90-Z CCC Decorative Lighting			Firm responsibility (prime or sub?) Prime
Project number	H.015504.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Orleans and Jefferson Parishes		Owner's Project Manager	Christina Brignac, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, (225) 379-1394, christina.brignac@la.gov			
Services commenced by this firm (mm/yy)	03/23	Total consultant contract cost (\$1,000's)		\$509
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$509

This project involved the design of the proposed Dynamic Decorative Lighting System to be installed on the two Crescent City Connection (CCC) Bridges over the Mississippi River in New Orleans, LA. (CCC #1 & CCC #2). The proposed decorative lighting system will include remotely operated dynamic LED necklace lighting on the top chords, uplighting on selected truss members and downlighting on the main piers and would be on both the upriver and downriver sides of the two superstructures. The CCC Decorative Lighting project is currently scheduled for a December 2023 construction letting by LADOTD. Construction is anticipated to be completed by December 2024. LADOTD's goal is to have the decorative lighting system fully operational by the 2025 Super Bowl scheduled for February 9, 2025, in New Orleans, LA.

Project Features

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

Tasks Performed

- Electrical Design
- Photometric Analysis
- LED Decorative Lighting
- Final Construction Plans and Specifications



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

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Past Performance Evaluation Discipline(s)*	Other (roadway lighting)
Project name	US-171/LA 8/28 Roundabout Lighting			Firm responsibility (prime or sub?) Prime
Project number	H.002691	Owner's name	Louisiana Department of Transportation and Development	
Project location	Leesville, LA		Owner's Project Manager	Michael Armentor, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, (225) 379-1088, Michael.Armentor@la.gov			
Services commenced by this firm (mm/yy)	11/2010	Total consultant contract cost (\$1,000's)		\$292
Services completed by this firm (mm/yy)	10/2013	Cost of consultant services provided by this firm (\$1,000's)		\$292

The project involved the design of roadway lighting for a two-lane, four-legged modern roundabout that was reconstructed from a signalized T-intersection of US-171 with LA 8/28. M&M performed a photometric analysis of the roundabout and the associated legs conforming to the LADOTD Illumination Standards. The design and development of the electrical lighting plans and specifications conformed to the LADOTD illumination Standards. The design incorporated the use of decorative light fixtures and poles and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections.

Tasks Performed

- Electrical Design
- Photometric Analysis
- Field Inspection
- Construction Support
- Utility Coordination
- Decorative Lighting

Key Personnel: Cullen J. Ledet, PE, Jonathan E. Gerhart, PE



18. Approach and Methodology:

State Project No. H.015580 (Natchitoches Safe Streets Revitalization) has the potential to transform the Texas Street business corridor from Highway 1 South Bypass to Washington Street and the surrounding area by improving access and safety for all users, especially pedestrians and bicyclists. Per the 2024 Natchitoches Safe Streets Action Plan, 9 pedestrian or bicyclist fatalities occurred between 2017 and 2021, and although pedestrian and bicyclist involved crashes accounted for only 1.5% of all traffic crashes, they accounted for 69% of all fatal crashes. Per the City of Natchitoches Bicycle & Pedestrian Master Plan (Bike Walk Natchitoches), nearly half of City of Natchitoches' total population lives below the national poverty level and many households do not own a vehicle. As such, many residents, as well as many students at Northwestern State University, likely rely primarily on walking or biking for transportation throughout the city.

This project will implement many of the recommendations of the 2020 City of Natchitoches Bicycle & Pedestrian Master Plan (Bike Walk Natchitoches) and 2024 Natchitoches Safe Streets Action Plan using over \$17M of RAISE grant funding, including:

- Pedestrian and bicyclist facility improvements, such as ADA compliant sidewalks, shared use paths, and curb ramps; high visibility and raised crosswalks; advance warning signs, hybrid beacons, and rapid flash beacons; and separated, dedicated, and shared bike lanes.
- Road improvements, such as base rehabilitation; asphalt pavement milling, overlay, and patching; Portland Cement Concrete (PCC) pavement panel replacement; and shoulder widening.
- Street lighting improvements
- Drainage improvements

These infrastructure improvements will have a positive impact on the community and satisfy a major goal of the 2023 City of Natchitoches Comprehensive Master Plan (Natchitoches NEXT), to improve mobility and connectivity, while also significantly improving pedestrian and bicyclist safety. Horizon has already reviewed documents related to the project, such as:

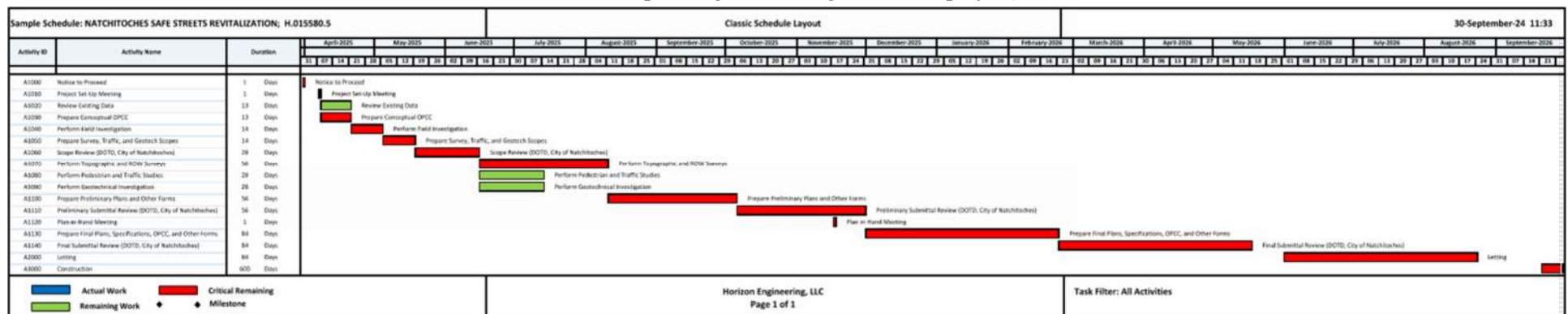
- City of Natchitoches Bicycle & Pedestrian Master Plan (Bike Walk Natchitoches)
- Natchitoches Safe Streets Action Plan (SS4A) (our team includes planners and engineers who prepared this plan, providing unique insight into the goals of this project)

- Welch Street Drainage Study by S. E. Huey Co.
- 2023 City of Natchitoches Comprehensive Master Plan (Natchitoches NEXT)

Based on this review and Horizon's review of the scope of work, we have identified the following major challenges that will need to be addressed to deliver a successful project:

1. SCHEDULE

The City of Natchitoches originally intended for design to begin by 6/1/2022, the project to be let by 10/31/2024, and construction to begin by 2/1/2025; however, the Notice to Proceed will likely not be issued until the end of 2024 or early 2025 at the earliest. It is critical that the schedule be compressed as much as possible to ensure that federal authorization is received by September 2026. Horizon will work with DOTD and the City of Natchitoches to optimize the scope of work and eliminate potential delays. Our team's previous involvement with the SS4A plan will expedite the design. We will also continuously communicate our design progress to ensure that everyone is on the same page and reduce review durations. Please see below for an example schedule that will allow the project to proceed to construction prior to September 2026.



2. SCALE

This project covers an extremely large area with 27 sidewalk/shared use path segments, 19 pedestrian crossings, 41 bike lane segments, 3 road lighting segments, drainage improvements, 30 asphalt rehabilitation segments, 5 PCCP rehabilitation segments, 1 shoulder widening segment, and 1 traffic study. The survey scope of work includes more than 123,000 linear feet (23 miles) of road over 44 locations. Our Team has many survey crews, geotechnical investigation crews, inspectors, and other field personnel available to quickly complete the pre-design scope of work and proceed to design.

3. COORDINATION

As a Local Public Agency (LPA) project, coordination with both DOTD District 08 and the City of Natchitoches will be critical to ensure that all project team members are on the same page regarding the contract and scope of services; roles, responsibilities, and expectations; schedule; budget; and surveying, geotechnical investigation, traffic study, and design requirements. Our team is very familiar with City of Natchitoches' staff from their previous involvement with the SS4A plan. We recognize that DOTD also has plans for future projects in the vicinity of this project, such as the Texas Street roundabout, Church Street bridge replacement, LA 505 and 3278 intersection roundabout, and Keyser Avenue improvements, and will work with other project teams as necessary to properly coordinate this project with other future improvements.

4. EXPECTATIONS

Many local leaders and organizations have advocated extensively for this project, including:

- City of Natchitoches Mayor Ronnie Williams, Jr. and Council members Betty

Sawyer Smith (At-Large), Eddie Harrington (District 1), Dale Nielsen (District 2), Christopher Petite (District 3), and Rosemary Elie (District 4)

- Natchitoches Parish President John Richmond
- Former Governor John Bel Edwards
- State Representatives and Senators, such as Louie Bernard (District 31), Kenny Cox (District 23), and W. Jay Luneau (District 29)
- United States Representatives and Senators, such as Mike Johnson (Speaker of the House), Bill Cassidy, and Troy Carter
- Many businesses, churches, schools, hospitals, and other organizations, such as Natchitoches Economic Development Alliance, Natchitoches Convention and Visitors Bureau, Natchitoches Historic District Development Commission, Natchitoches Parish School Board, and Northwestern State University

Horizon cares about our community and understands how important this project is to the public. We have a personal connection to our work and are extremely invested in the success of this project. Horizon's principals serve as our lead design and construction engineers and will always be available to respond to DOTD and the City of Natchitoches' needs. We will assist with public outreach/engagement if requested to ensure that all expectations are not only met but exceeded. Our team has already assisted with this for the SS4A plan.

SCOPE OF WORK

Horizon fully understands the scope of work and will complete all tasks listed in Attachment A of the Advertisement in accordance with applicable requirements, such as 23 CFR 630,

Preconstruction Procedures; 23 CFR 625, Design Standards for Highways; Americans with Disabilities Act (ADA); DOTD Minimum Design Guidelines; DOTD PRR Minimum Design Guidelines; DOTD Guidance for Preservation / Rehabilitation / Replacement (PRR) Projects; DOTD Guidance for Safety Improvements for PRR Projects; DOTD Roadway Design Procedures and Details (i.e., Road Design Manual); AASHTO A Policy on Geometric Design of Highways and Streets (i.e., Green Book); AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities; DOTD Complete Streets and Access Connections Policies; AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals; DOTD Location and Survey Manual, including Addendum A; DOTD Traffic Engineering Manual; DOTD Traffic Engineering Process and Report (TEPR); DOTD Traffic Signal Manual; DOTD Hydraulics Manual; DOTD Engineering Directives and Standards (EDSMs); and DOTD Construction Plans Quality Control/Quality Assurance Manual. Horizon will implement the following approach and methodology, which highlights the major tasks required but is not all-inclusive, to complete the project safely, correctly, on time, and in accordance with DOTD and City of Natchitoches' requirements:

PRE-DESIGN PHASE

- **Project Set-Up Meeting:** Meet with DOTD District 08 personnel and City of Natchitoches Department of Public Works personnel, such as DOTD's Project Manager, Donald Forest (Director of Public Works), and Nick Verret (City Engineer), to review the contract and scope of services; roles, responsibilities, and expectations; schedule; budget; and topographic/ROW survey,

geotechnical investigation, traffic data collection/analysis, and design requirements.

- **Preliminary OPCC:** Prepare preliminary OPCC within 30 days of the NTP to assist City of Natchitoches with optimizing the scope of work based on the available budget.
- **Existing Data Review:** Review existing data, such as as-builts for the original road construction and subsequent improvements/repairs, soil borings, pavement cores, traffic studies, utility information, and other related information, if available, to facilitate preparation of survey, geotechnical, and traffic scopes and identify existing pavement thickness, base material and thickness, and joint details.
- **Design Progress Meetings:** Meet with DOTD and City of Natchitoches personnel monthly (or more frequently if desired) throughout design. Prepare agendas and meeting minutes.
- **Field Investigation:** Identify, photograph, classify, and log asphalt pavement potholes/localized failures, deteriorated PCCP panels, and required curb ramp locations. We will create a user-friendly, interactive map in ArcGIS Online that allows DOTD and the City of Natchitoches to view the locations of all localized pavement deterioration and required curb ramps on an aerial and, after clicking on a location, view its condition rating, photos, measurements, coordinates, and other related information. The map will also allow the localized pavement deterioration locations to be sorted according to their condition rating, which will facilitate removal of less critical repairs from the scope of work if necessary to remain within the budget.
- **Survey, Geotechnical, and Traffic Scope:** Based on the field investigation, prepare the

topographic/ROW survey, geotechnical investigation, and traffic data collection/analysis scope of work and submit to DOTD and the City of Natchitoches for review.

- **Topographic and ROW Survey:** Establish baseline along each road and temporary benchmarks for horizontal and vertical control. Obtain locations of existing drainage, utilities, and other pertinent topography/features. For pavement preservation locations, obtain points at the limits of asphalt milling/overlay and each corner of deteriorated PCCP panels to identify panel coordinates and facilitate accurate estimation of quantities, as well as additional points as necessary to facilitate scaling and alignment of aerials. Obtain additional points at intersections to facilitate curb ramp design. Record information regarding drainage structures, mailboxes, driveways, and anticipated utility adjustments.
- **Geotechnical Investigation:** Obtain shallow borings every 1,000 feet along each road to a minimum of 8 feet below the pavement surface or existing grade for new construction and widened areas and to a minimum of 4 feet below the bottom of the base (whichever is deeper) for pavement preservation locations. Perform dynamic cone penetration testing at every other shallow boring location. Classify soil in accordance with the AASHTO Soil Classification System. Obtain PH and resistivity information at culvert locations.
- **Pedestrian Traffic Data Collection/Analysis:** Obtain pedestrian volume counts at proposed crosswalk locations. If necessary, additional traffic data will be obtained and/or analyzed, such as

vehicular volume counts, crash data, and signal timing.

- **Vehicular Traffic Data Collection/Analysis:** If adequate vehicular traffic data is not available, or DOTD or City of Natchitoches requests additional data, obtain 7 day/24 hour (or 48 hour if permitted) volume counts with classifications in accordance with DOTD TEPR requirements to facilitate pavement section design. Volume counts and classifications will be obtained using PicoCount 2500 counters. For multi-lane roads, multiple sets of tubes/counters will be used to properly classify directional traffic in each lane. The traffic data will be used to calculate design ESALs and determine the appropriate pavement section.
- **H&H Analysis:** Perform hydrologic and hydraulic analysis as necessary to supplement the Welch Street Drainage Study and facilitate design of drainage improvements.
- **Photometric Analysis:** Perform photometric analysis as necessary along proposed road lighting locations to facilitate design of lighting improvements.

DESIGN AND PREPARATION OF PLANS, SPECIFICATIONS, AND OPCC

- **Plan Preparation:** Prepare Plans on 22"x34" sheets (and 8.5"x11" sheets for pavement preservation locations if requested) in accordance with DOTD CAD Standards. Use CADconform to verify conformance with DOTD CAD Standards. Prepare the following plan sheets:
 - **Title Sheet and Layout Map**
 - **Index**
 - **Typical Sections and Details**

- **General Notes**, including a general description of the scope of work; One Call and utility contact information; and clarifications regarding the applicability of DOTD and City of Natchitoches standard plans. For pavement preservation work, the general notes will also include base inspection requirements after PCCP panel removal to either verify that it is in acceptable condition or determine whether additional material needs to be installed and compacted prior to concrete placement; and required approvals for PCCP panels to be replaced and striping layouts prior to the start of the associated work.
- **Project Map** for pavement preservation locations, including an overview of each road's work limits, baselines, and repair locations.
- **Summary of Estimated Quantities**, including primarily standard DOTD pay items and only including nonstandard pay items when a standard pay item does not exist.
- **Summary Sheets**
- **Plan and Profile Sheets**
- **Survey Reference Points**, including baselines and TBM coordinates and type (iron rod, cross cut, etc.)
- **Existing Drainage Maps**
- **Design Drainage Maps**
- **Summary of Drainage Structures**
- **Geometric Layout and Details**
- **Permanent Signage and Pavement Marking Layout**, including striping near intersections and other complex areas where standard plans do not apply.
- **Detail Sheets**, including curb ramps, tie-ins to existing pavement or curbs, drainage structure adjustments, and base rehabilitation as necessary and notes

describing where they apply and whether they supersede any standard plans.

- **Sequence of Construction**, including measures to minimize disruptions to businesses and traffic, such as staggering road work and limiting the maximum number of driveways or medians that can be closed at one time. The use of high-early strength concrete for PCCP will also be considered to minimize disruptions.
- **Traffic Control Plan**, including TTC devices to properly delineate the travel lanes and any required detours (vehicular and pedestrian) during construction and minimize the potential of motorists driving into the work zone or fresh asphalt/concrete. Flaggers may also be required at major intersections to guide traffic during active construction periods. The TCP will be designed in accordance with the MUTCD, DOTD Traffic Engineering Manual, and DOTD TTC standard plans.
- **Cross Sections**
- **Subgrade Soil Survey (if performed)**
- **DOTD Standard Plans:** Incorporate applicable DOTD standard plans and special details, including BM-01, CB-06, CB-Adjust, MC-01, and MH-06 (for drainage structure adjustments or replacement); CP-01, CPR-01-03, DW-01, and PM-01-02, 05, and 07-08 (for PCCP panel replacement); PED-01 (for curb ramps); TTC-00(A) – (D), 02-04, 06-07, 09-10, and 15-18 (for TTC).
- **Specification Preparation:** Prepare nonstandard specifications, such as saw cutting. Assist DOTD and the City of Natchitoches with preparation of special provisions as requested. Incorporate the following standard specifications:
 - DOTD Standard Specifications for Roads and Bridges, 2016 Edition

HORIZON ENGINEERING, LLC

- DOTD 2016 Supplemental Specifications
- Applicable ASTM standards if necessary
- **Opinion of Probable Construction Cost:** Prepare OPCC using estimated quantities, recent DOTD letting information, and bid tabs of recent projects of similar scope and magnitude.
- **Submittals:** Submit submittals to the City of Natchitoches or upload directly to ProjectWise if directed, including:
 - **QA/QC Plan**
 - **Survey Data and Base Map (if requested)**
 - **Baseline Safety Improvements Checklist**
 - **Preliminary Submittal, Design Report, and PRR Report** (plan-in-hand meeting to follow)
 - **Final Submittal, Design Report, and PRR Report**, including digitally sealed and signed final Plans with written certification.
 - **Hydraulics Report**
 - **Stormwater Pollution Prevention Plan**
 - **Constructability Review Form**
 - **Estimated Contract Time Worksheet**
 - **Transportation Management Plan**
 - **QA/QC Checklist**
 - **Additional Submittals (if requested)**

BIDDING PHASE

Assist DOTD and City of Natchitoches with responses to contractor questions and preparation of addenda if necessary.

CONSTRUCTION PHASE

If requested, assist DOTD and City of Natchitoches with construction support tasks, such as attending the preconstruction conference, reviewing RFIs and other questions, and providing clarifications, including Plan and Specification modifications, as necessary during construction.

19. Workload:

Firm(s) <u>ALL FIRMS</u> MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Horizon Engineering, LLC	N/A	N/A	N/A	N/A
C. H. Fenstermaker & Associates, L.L.C.	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 / Renaud Roundabout	\$167,950
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$55,376
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$129,325
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$67,000
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$63,687
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$65,283
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$84,500
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$123,300
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$58,841
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$102,875
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$67,850
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$153,275
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$74,000
	Bridge	Contract No. 4400025023	Infrastructure Investment and Jobs Act	\$87,440
Ardaman & Associates, Inc.	Geotech	44-4128; H.004273	I-49 Connector, Lafayette	\$491,353
Ardaman & Associates, Inc.	Geotech	44-18899; H.004791	LA 23: Belle Chasse Bridge & Tunnel (HBI)	\$110,726
Ardaman & Associates, Inc.	Geotech	44-1960; H.013897	I-10 / I-12 College Drive Flyover Ramp	\$111,743
Ardaman & Associates, Inc.	Geotech	44-19013; H.004100.5 & .6	I-10 CMAR Design Continuation: LA 415 TO ESSEN ON I-10 & I-12	\$301,929
Ardaman & Associates, Inc.	Geotech	H.04435	I-12 to Bush Construction Phase	\$47,956
Ardaman & Associates, Inc.	Geotech	44-8671; H.009266	I-10 Widening: LA 73 to LA 30	\$26,051

Ardaman & Associates, Inc.	Geotech	44-19013; H.002244.5	Boudreaux Canal Bridge (LA 56)	\$18,088
Ardaman & Associates, Inc.	Geotech	44-17438; H.013284	MRB GBR LA 1 to LA 30 Connector	\$90,833
Ardaman & Associates, Inc.	Geotech	44-25025; H.015337, H.015452-63, H.015489-92	Rural Bridge Replacement	\$269,448
Ardaman & Associates, Inc.	Geotech	44-24652; H.012842.5	LA 124 Ext. Near Larto Lake	\$4,907
Ardaman & Associates, Inc.	Geotech	44-24652; H.014265.5	N River Road Irving Branch	\$4,649
Ardaman & Associates, Inc.	Geotech	44-24652; H.012533.5	LA 1252 Bayou Pt Brule Bridge	\$8,483
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	4400017006 TO: H.011670	I-10 / Loyola Interchange Improvements (Jefferson Parish)	\$81,130
GOTECH, Inc. (Subconsultant to R.C. Lambert Consultants, LLC)	CE&I/OV	4400019550 SPN: H.001234	LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) (CE&I) Route LA 1 (West Baton Rouge Parish)	\$265,755
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	4400023074 TO: H.012465	IDIQ Contract for Construction, Engineering & Inspection & Staff Augmentation - Pecan Island Rd District	\$54,591
GOTECH, Inc.	CE&I/OV	TO: H.014694.6	LA 426:LA 73 Sherwood Forest District 61(Hammond)	\$40,520
GOTECH, Inc.	CE&I/OV	TO: H.014930	Rumble Strips - District 61(Hammond)	\$21,449
GOTECH, Inc. (Subconsultant to Volkert)	CE&I/OV	4400021740 SPN: H.004100.6	I-10: LA 415 to Essen Ln on I-10 & I-12 (West & East Baton Rouge Parish)	\$1,354,573
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	4400025040 SPN: H.015530	Infrastructure Investment Off-System Bridge Program – Devall Rd over Drainage Ditch District 61	\$3,150
GOTECH, Inc.	Survey	H.015531	Rue De Cajun over Bayou Pierre Part (Ascension Parish)	\$3,150

GOTECH, Inc.	Survey	H.015532	Beco Rd over Duckroos Bayou (Ascension Parish)	\$3,150
GOTECH, Inc.	Survey	H.015540	Section Rd over Poydras (Point Coupee & W/DDP)	\$3,150
GOTECH, Inc.	Survey	H.015534	Line Rd over Black Creek (E Feliciana Parish)	\$4,500
GOTECH, Inc.	Survey	H.015535	Billy Goat Rd over Palmers Ranch (E Feliciana Parish)	\$4,500
GOTECH, Inc.	Survey	H.015533	Midway Rd over Black Creek (E Feliciana Parish)	\$4,500
GOTECH, Inc.	Survey	H.015536	Thompson Creek Rd over Shady Grv Bayou (Iberville Parish)	\$4,500
GOTECH, Inc.	Survey	H.015538	Callegan Rd over Drainage Bayou (Iberville Parish)	\$4,500
GOTECH, Inc.	Survey	H.015542	Highland Rd over Madden Creek (W Feliciana Parish)	\$4,500
GOTECH, Inc.	Survey	H.015542	Greenwood Rd over Old Creek (W Feliciana Parish)	\$4,500
GOTECH, Inc.	Survey	H.015541	Canfield Rd over West Fork Bayou (W Feliciana Parish)	\$4,500
GOTECH, Inc.	Survey	H.015539	Lorio Dairy Rd over Bayou Sere (Point Coupee Parish)	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	4400024438 SPN: H.010673 Control Section No. 283-09	US90Z: Harvey Canal Tunnel Rehab Route US 90-Z Federal Aid Project (Jefferson Parish)	\$190,550
GOTECH, Inc. (Subconsultant to ECM)	Survey; CE&I/OV	4400021680 SPN: H.008145.6	LA 1: Leeville to Golden Meadow (Lafourche Parish)	\$718,942
GOTECH, Inc. (Subconsultant to Michael Baker)	CE&I/OV	4400025536 SPN: H.013956.6	IDIQ CE&I District 61 – Beamon Rd Bridge (Pointe Coupee Parish)	\$39,703
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	4400028884 SPN: H.003931.5	Calcasieu River Bridge (Calcasieu Parish)	\$89,115
GOTECH, Inc. (Subconsultant to HNTB)	Survey	4400023512 TO: 1	IDIQ Bridge Inspection – John James Audubon Bridge Monitor (Statewide)	\$6,146

GOTECH, Inc. (Subconsultant to Digital Engineering & Imaging, Inc.)	Survey	4400026910 & 4400026911 SPN: H.015210.5	IDIQ Design of Safety Proj–Judge Tanner Blvd Sidewalk (St. Tammany Parish)	\$33,444
Alliance Transportation Group, LLC Group, LLCGroup	Traffic	H.013897	LADOTD College Drive OVS	\$79,776
Alliance Transportation Group, LLC	Planning	DOA PO No. 2000603721	LADOTD TASSO 2022-2025	\$154,935
Alliance Transportation Group, LLC	Planning	3669249	STAT2022	\$213,158
Alliance Transportation Group, LLC	Traffic	Contract 4400026587 State Project No. 4.001779.6	LADOTD Jimmie Davis Bridge OVS	\$57,000
Modjeski and Masters, Inc.	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	\$266,266
		Retainer Contract 4400005395	Construction Engineering and Inspection with Painting	
Modjeski and Masters, Inc.	Bridge	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Phase 2	N/A
Modjeski and Masters, Inc.	Bridge	H.011494.6	US 90 Atchafalaya River Bridge Rehabilitation	N/A
		Retainer Contract 4400005774	Bridge Preservation Statewide	
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	N/A
		IDIQ Contract 4400017263	Bridge Preservation Statewide	
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.013866.6	I-12: LA 21 to US 190 Navigation Lighting & Roadway Lighting	\$58,534
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.003184.6	I-10: Texas State Line - E. of Coone Gully - CRES	\$37,920
Modjeski and Masters, Inc.	Bridge	H.011485.6	LA336-1: Bayou Teche Bridge Rehabilitation	\$40,909

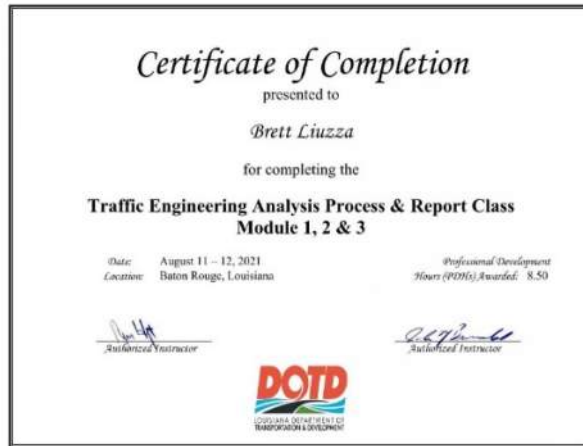
Modjeski and Masters, Inc.	Bridge	H.014587	LA 302: Kerner Ferry Bridge Repairs PH 2 - Constr Support	\$63,566
Modjeski and Masters, Inc.	Bridge	H.014406.6	Houma Navigation Canal Swing Bridge - Electrical Repair CRED	\$8,517
Modjeski and Masters, Inc.	Bridge	H.014465.5	Perry Bridge Rehabilitation - Final Design	N/A
Modjeski and Masters, Inc.	Bridge	H.004647.6 (Task Order 1)	I-20 MS River Bridge at Vicksburg, - Monitoring	N/A
Modjeski and Masters, Inc.	Bridge	H.015028.6	Bayou Barataria Bridge MB Replacement - Phase I	\$111,517
Modjeski and Masters, Inc.	Bridge	H.001234.6	LA 1 Port Allen Bridge - Geotech Settlement Remediation	\$57,162
Modjeski and Masters, Inc.	Bridge	H.010882.6	LA18: 4th Street Bridge Rehabilitation Construction Support	\$31,704
Modjeski and Masters, Inc.	Bridge	H.009479.6	West Larose Lift Bridge Rehabilitation - Const Support	\$3,688
Modjeski and Masters, Inc.	Bridge	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Ph2	\$24,040
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.012889.6	I-20 Rehab (Pines Road to I-220) Bossier City Lighting CRES	\$117,853
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.009266.5	I-10 (LA 73 to LA 30)	\$1,688
Modjeski and Masters, Inc.	Bridge	H.015612.6	Ted Hickey Strengthening - Construction Support	\$25,523
Modjeski and Masters, Inc.	Bridge	Contract 44-29193 H.004100.5/H.004100.6	Subconsultant: LA 415 to Essen Lane on I-10 and I-12	\$1,161,632
Modjeski and Masters, Inc.	Bridge	Contract 44-21128 H.001234.6	Subconsultant: LA 1: Port Allen Canal Bridge Replacement - Phase 1 CRES	\$35,082
Modjeski and Masters, Inc.	Bridge	Contract 44-21128 H.014258.6	Subconsultant: LA 1: Port Allen Canal Bridge Repl. - Phase 2 NB Design	N/A
		IDIQ Contract 4400020063	Electrical Services Statewide	
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.014646	I-20: US 165 to Garrett Road Lighting	\$33,852
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.014555.5	I-10 at LA109 Interchange Lighting (Toomey)	\$106,104

Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.015019.5	I-10 at LA3063 Interchange Lighting (Vinton)	\$126,984
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.015085.5	I-10 @ LA108 Interchange (Vinton) Lighting	\$129,727
Modjeski and Masters, Inc.	Bridge		I-10 Calcasieu Bridge Replacement PC	N/A
Modjeski and Masters, Inc.	Bridge	Contract 44-20156 H.011965.6	Subconsultant: LA 47 IWGO Bridge Rehab CRES	\$117,352
		IDIQ Contract 4400024187	Bridge Preservation Statewide	
Modjeski and Masters, Inc.	CEI/OV	H.003144.6	MRB (Luling) CEI of Latent Defects	\$3,699
Modjeski and Masters, Inc.	Bridge	H.015115.5	LA 24 over ICWW Repair	\$73,006
Modjeski and Masters, Inc.	Bridge	H.011137.6	I-12: LA 1077 to LA 21	\$108,967
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.015504.5	CCC Decorative Lighting	\$18,046
Modjeski and Masters, Inc.	Bridge	H.000263.5	Chef Menteur Pass Bridge and Approach	\$57,666
Modjeski and Masters, Inc.	Other (Roadway Lighting)	H.015504.6	CCC Decorative Lighting	\$67,710
Modjeski and Masters, Inc.	Bridge	H.002980.6 -Task Order 9	I-10 Overpass Over US 165 & MP RR	\$110,649
Modjeski and Masters, Inc.	Bridge	H.014998.6 -Task Order 10	West Larose Lift Bridge Rehabilitation - Final Design	\$295,261
Modjeski and Masters, Inc.	Bridge	H.014998.6 -Task Order 11	West Larose Lift Bridge Rehabilitation - CRES Close Out	\$85,238
Modjeski and Masters, Inc.	Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road	\$4,468
		IDIQ Contract 4400021593	Bridge Load Rating Services Statewide	
Modjeski and Masters, Inc.	Bridge	H.009859.5	Bridge Load Rating (Task Order 1)	\$838,473
Modjeski and Masters, Inc.	Bridge	H.009481 and H.013116	Subconsultant: Acrow LA 20 - Inspection	\$26,430

Modjeski and Masters, Inc.	Bridge	Contract 44-22581 H.011221.5	I-10: N.O. CBD3 (Poydras - Louisa)	\$270,758
Modjeski and Masters, Inc.	Bridge	Contract 44-22581 H.011222.5	I-10: N.O. CBD4 (Louisa - I510)	\$416,551
Modjeski and Masters, Inc.	Bridge	Contract 44-23512; Task Order No. 2	Subconsultant: I-10 Bridge crossing the MS River - Inspection 2024	\$69,307
Modjeski and Masters, Inc.	Bridge	Contract 44-23512; Task Order No. 3	Subconsultant: I-10 Bridge crossing the MS River - Inspection 2024	\$107,343
		IDIQ Contract 4400027614	Painting Inspection and Environmental	
Modjeski and Masters, Inc.	CEI/OV	H.011487.6	LA 182: Berwick Bay Bridge Rehabilitation	\$2,521,704

20. Certifications/Licenses:

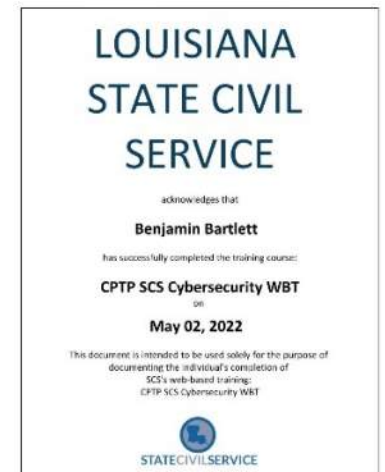
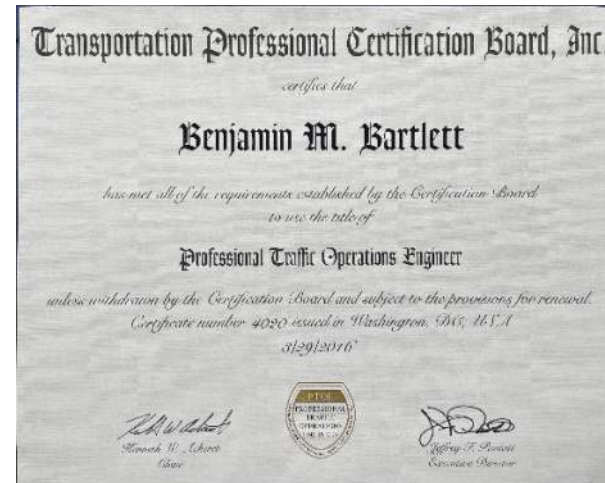
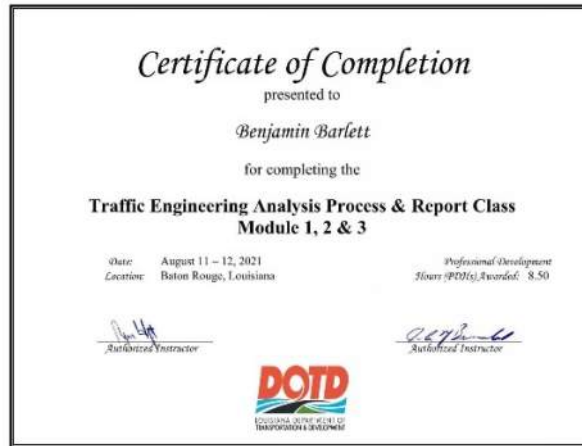
Brett Liuzza, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

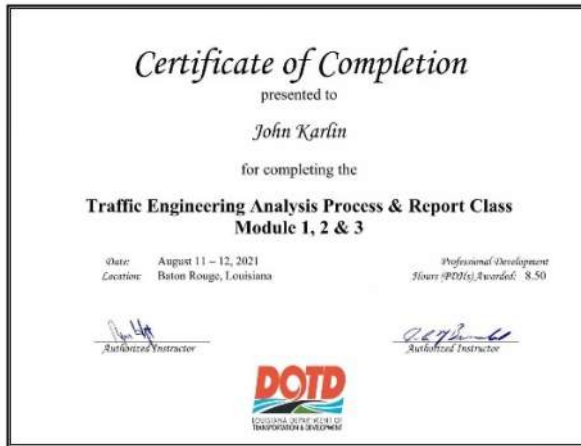
Ben Bartlett, PE, PTOE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

John Karlin, SE, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Travis Bodin, MBA, PLS, PMP



12/20/22

440367
Mr. Travis Bodin
135 Regency Square
Lafayette, LA 70508
USA

Dear Mr. Bodin,

The American Traffic Safety Services Association (ATSSA) appreciates your participation in our Traffic Control Supervisor Refresher-LA State Specific course held on 9/23/2022. Your certificate of attendance is enclosed.

You received a passing grade of 86.00% on the final examination. Congratulations on your successful completion of this course.

Please call us at 877-642-4637 if you have any questions.

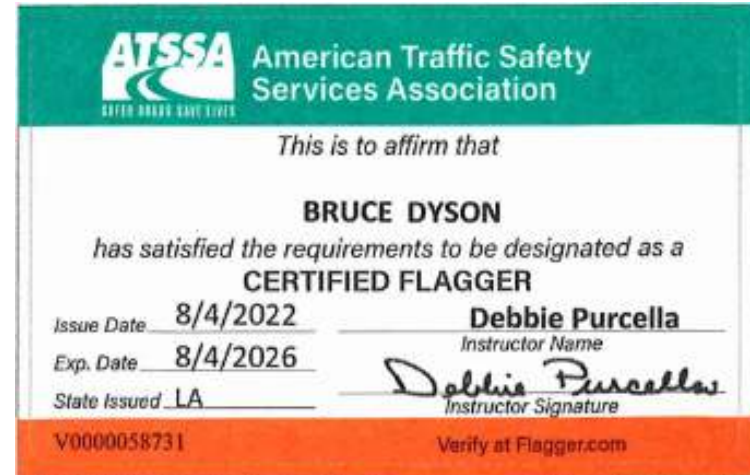
Sincerely,

Training and Business
Development Department

HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Bruce Dyson, PLS, PE



20. Certifications/Licenses:

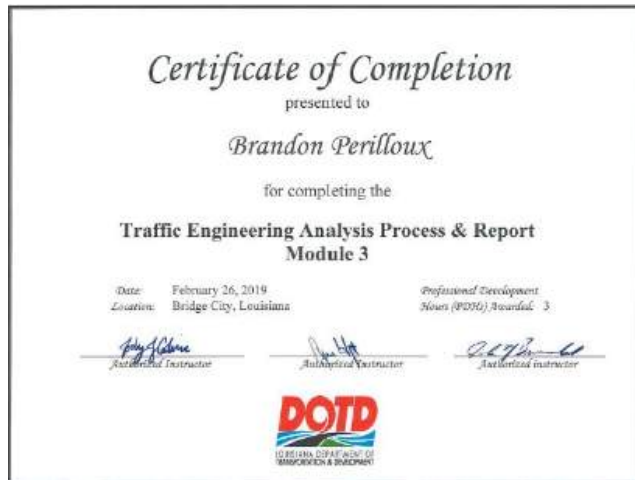
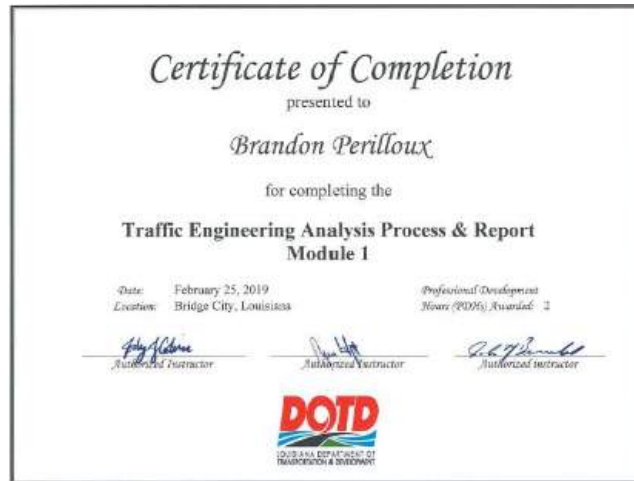
Robert Price, PLS



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Brandon Perilloux, PE, PTOE, RSP1



20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State

Louisiana SECRETARY OF STATE NANCY LANDRY

Search for Louisiana Business Filings

Name	Type	City	Status
HORIZON ENGINEERING, LLC	Limited Liability Company	METAIRIE	Active

Previous Names
 Business: HORIZON ENGINEERING, LLC
 Charter Number: 45713383K
 Registration Date: 12/14/2023

Domicile Address
 1013 N. CAUSEWAY BLVD.
 STE 201
 METAIRIE, LA 70001

Mailing Address
 1013 N. CAUSEWAY BLVD.
 STE 201
 METAIRIE, LA 70001

Status
 Status: Active
 Annual Report Status: In Good Standing
 File Date: 12/14/2023
 Last Report Filed: N/A
 Type: Limited Liability Company

Horizon Engineering, LLC

Louisiana SECRETARY OF STATE NANCY LANDRY

Search for Louisiana Business Filings

Name	Type	City	Status
C. H. FENSTERMAKER & ASSOCIATES, L.L.C.	Limited Liability Company	LAFAYETTE	Active

Previous Names
 C. H. FENSTERMAKER & ASSOCIATES, INC. (Changed: 12/31/2011)
 Business: C. H. FENSTERMAKER & ASSOCIATES, L.L.C.
 Charter Number: 33922270K
 Registration Date: 8/10/1982

Domicile Address
 135 REGENCY SQUARE
 LAFAYETTE, LA 70508

Mailing Address
 P.O. BOX 52106
 LAFAYETTE, LA 70505

Status
 Status: Active
 Annual Report Status: In Good Standing
 File Date: 8/10/1982
 Last Report Filed: 7/17/2024
 Type: Limited Liability Company

C.H. Fenstermaker & Associates, L.L.C.

Louisiana SECRETARY OF STATE NANCY LANDRY

Search for Louisiana Business Filings

Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Previous Names
 Business: ARDAMAN & ASSOCIATES, INC.
 Charter Number: 34396031F
 Registration Date: 12/13/1991

Domicile Address
 8008 SOUTH ORANGE AVENUE
 ORLANDO, FL 32809

Mailing Address
 3475 E. FOOTHILL BLVD
 PASADENA, CA 91107

Principal Business Office
 8008 SOUTH ORANGE AVENUE
 ORLANDO, FL 32809

Registered Office in Louisiana
 3887 PLAZA TOWER DR
 BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana
 316 HIGHLAND DR.
 BATON ROUGE, LA 70816

Status
 Status: Active
 Annual Report Status: In Good Standing
 Qualified: 12/13/1991
 Last Report Filed: 11/29/2023
 Type: Business Corporation (Non-Louisiana)

Ardaman & Associates, Inc.

Louisiana SECRETARY OF STATE NANCY LANDRY

Search for Louisiana Business Filings

Name	Type	City	Status
GOTECH, INC.	Business Corporation	BATON ROUGE	Active

Previous Names
 Business: GOTECH, INC.
 Charter Number: 33323660D
 Registration Date: 2/11/1981

Domicile Address
 8363 BLUEBONNET BLVD.
 BATON ROUGE, LA 70816

Mailing Address
 C/O RHAUL A. GUILLAUME
 8363 BLUEBONNET BLVD.
 BATON ROUGE, LA 70816

Principal Office Address
 8363 BLUEBONNET BLVD
 BATON ROUGE, LA 70816

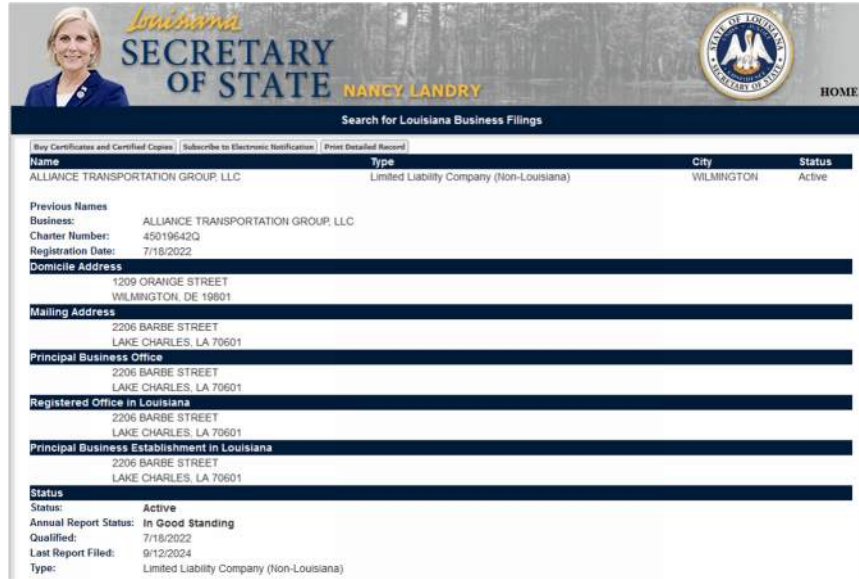
Status
 Status: Active
 Annual Report Status: In Good Standing
 File Date: 2/11/1981
 Last Report Filed: 2/20/2024
 Type: Business Corporation

GOTECH, Inc.

HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State (Continued)



Louisiana SECRETARY OF STATE NANCY LANDRY

Search for Louisiana Business Filings

Name	Type	City	Status
ALLIANCE TRANSPORTATION GROUP, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

Previous Names
 Business: ALLIANCE TRANSPORTATION GROUP, LLC
 Charter Number: 45019642Q
 Registration Date: 7/18/2022

Domicile Address
 1209 ORANGE STREET
 WILMINGTON, DE 19801

Mailing Address
 2206 BARBE STREET
 LAKE CHARLES, LA 70601

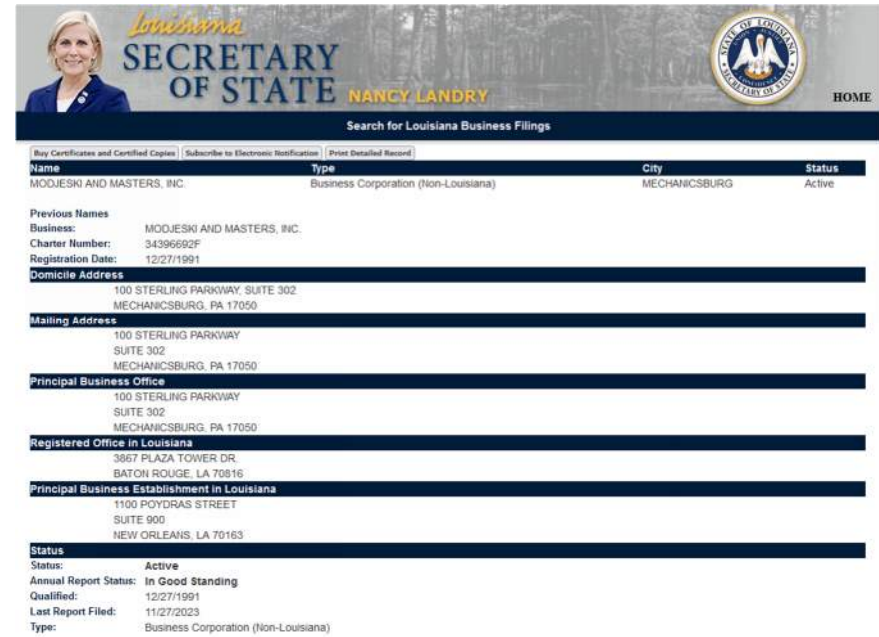
Principal Business Office
 2206 BARBE STREET
 LAKE CHARLES, LA 70601

Registered Office in Louisiana
 2206 BARBE STREET
 LAKE CHARLES, LA 70601

Principal Business Establishment in Louisiana
 2206 BARBE STREET
 LAKE CHARLES, LA 70601

Status
 Status: Active
 Annual Report Status: In Good Standing
 Qualified: 7/18/2022
 Last Report Filed: 9/12/2024
 Type: Limited Liability Company (Non-Louisiana)

Alliance Transportation Group, LLC



Louisiana SECRETARY OF STATE NANCY LANDRY

Search for Louisiana Business Filings

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

Previous Names
 Business: MODJESKI AND MASTERS, INC.
 Charter Number: 34396692F
 Registration Date: 12/27/1991

Domicile Address
 100 STERLING PARKWAY, SUITE 302
 MECHANICSBURG, PA 17050

Mailing Address
 100 STERLING PARKWAY
 SUITE 302
 MECHANICSBURG, PA 17050

Principal Business Office
 100 STERLING PARKWAY
 SUITE 302
 MECHANICSBURG, PA 17050

Registered Office in Louisiana
 3867 PLAZA TOWER DR.
 BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana
 1100 POYDRAS STREET
 SUITE 900
 NEW ORLEANS, LA 70163

Status
 Status: Active
 Annual Report Status: In Good Standing
 Qualified: 12/27/1991
 Last Report Filed: 11/27/2023
 Type: Business Corporation (Non-Louisiana)

Modjeski and Masters, Inc.

HORIZON ENGINEERING, LLC

21. QA/QC Plan:

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

22. Sub-consultant information:

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
C. H. Fenstermaker & Associates, L.L.C.	135 Regency Square Lafayette, LA 70508	Travis Bodin, MBA, PLS, PMP travisb@fenstermaker.com	(337) 237-2200
Ardaman & Associates, Inc.	316 Highlandia Dr Baton Rouge, LA 70816	Robert Jewell, PE RJewell@ardaman.com	(225) 666-4598
GOTECH, Inc.	8383 Bluebonnet Boulevard Baton Rouge, LA 70810	Rhaoul A. Guillaume, Sr., P.E., F.ASCE rhaoul@gotech-inc.com	(225) 766-5358
Alliance Transportation Group, LLC	3421 N. Causeway Blvd., Metairie, LA 70001	JD Allen jdallen@dccm.com	(337) 802-6655
Modjeski and Masters, Inc.	1100 Poydras Street, Suite 900 New Orleans, LA 70163	Cullen J. Ledet, III, PE cjledet@modjeski.com	(504) 524-4344

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**