



Statement of Qualifications for:

**IDIQ Contracts for Design of Safety
Projects, Statewide with Majority of
Work in District 02, 61, and 62**

**Contract Nos. 4400034605, 4400034606,
and 4400034607**

Submitted to:

**LA Department of Transportation and
Development**

March 19, 2026

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACTS FOR DESIGN OF SAFETY PROJECTS STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 02, 61, AND 62.
2. Contract number(s) as shown in the advertisement	4400034605, 4400034606, AND 4400034607
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	Buchart Horn, Inc.  BUCHART HORN ENGINEERS • ARCHITECTS • PLANNERS
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.0000123
6. Prime consultant mailing address	17250 Jefferson Hwy Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	17250 Jefferson Hwy Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	William H. Munz, PE/ Associate Vice President / (856) 797-4309 / wmunz@bucharthorn.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	William H. Munz, PE/ Associate Vice President / (856) 797-4309 / wmunz@bucharthorn.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or	

commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

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

Signature (shall be the same person as #9):

Date: March 19, 2026

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):
N/A

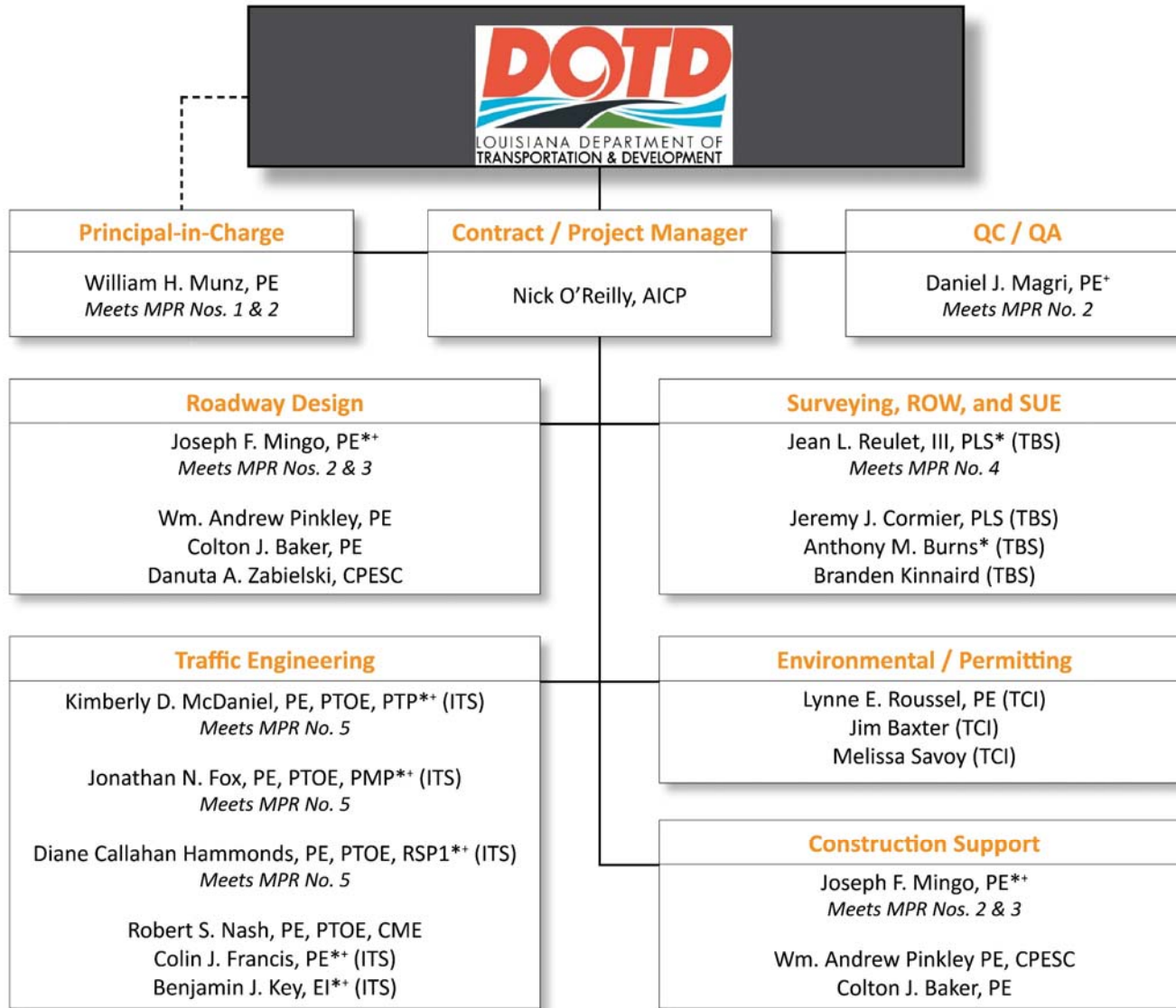
Firm(s)' %:

12. Discipline Table:

Discipline(s)	% of Overall Contract	Prime  Buchart Horn, Inc	Firm A  Intelligent Transportation Systems LLC	Firm B  T. Baker Smith, LLC	Firm C  Terracon Consultants, Inc.	Each Discipline must total to 100%
Road	65%	100%				<u>100%</u>
Planning	10%	75%	25%			<u>100%</u>
Survey	10%			100%		<u>100%</u>
Traffic	10%	5%	95%			<u>100%</u>
Environmental	5%				100%	<u>100%</u>
Choose an item.						<u>100%</u>
Choose an item.						<u>100%</u>
Choose an item.						<u>100%</u>
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Choose an item.						<u>100%</u>
Percent of Contract	<u>100%</u>	<u>73%</u>	<u>12%</u>	<u>10%</u>	<u>5%</u>	

13. Team Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Buchart Horn, Inc.	Principal	1	2
Buchart Horn, Inc.	Supervisor - Eng	3	4
Buchart Horn, Inc.	Engineer	1	7
Buchart Horn, Inc.	Engineer - Other	1	5
Buchart Horn, Inc.	Designer	1	5
Buchart Horn, Inc.	Planner	1	2
Intelligent Transportation Systems LLC	Supervisor - Eng	3	3
Intelligent Transportation Systems LLC	Engineer	1	1
Intelligent Transportation Systems LLC	Engineer Intern	1	1
T. Baker Smith, LLC	Surveyor	2	4
T. Baker Smith, LLC	Senior Technician	1	8
T. Baker Smith, LLC	Party Chief	1	3
Terracon Consultants, Inc.	Principal	1	3
Terracon Consultants, Inc.	Environmental Manager	1	4
Terracon Consultants, Inc.	Biologist/Wetlands	1	3

14. Organizational Chart:**Subconsultants**

(ITS) Intelligent Transportation Systems LLC | (TBS) T. Baker Smith, LLC | (TCI) Terracon Consultants, Inc.

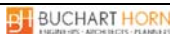


* Completed Appropriate Work Zone Training Courses | + Completed or Registered Appropriate TEPR Training Courses

15. Minimum Personnel Requirements:

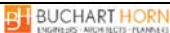
MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1, 2	William H. Munz, PE		Professional Engineer Civil Engineer PE.0050797	LA	3/31/2026
2	Daniel J. Magri, PE		Professional Engineer Civil Engineer PE.0021669	LA	3/31/2026
2, 3	Joseph F. Mingo, PE		Professional Engineer Civil Engineer PE.0043700	LA	3/31/2026
4	Jean L. Reulet, III, PLS		Professional Land Surveyor PLS #5145	LA	3/31/2028
5	Jonathan N. Fox, PE, PTOE, PMP		Professional Engineer Civil Engineer PE.0033277 PTOE No. 2329	LA National	9/30/2027 11/7/2028
5	Diane C. Hammonds, PE, PTOE, RSP ₁		Professional Engineer Civil Engineer PE.0040749 PTOE No. 4113 RSP ₁ No. 798	LA National National	9/30/2026 12/19/2028 3/14/2028
5	Kimberly D. McDaniel, PE, PTOE, PTP		Professional Engineer Civil Engineer PE.0032973 PTOE No. 2072 PTP No. 802	LA National National	9/30/2027 10/2/2028 3/14/2028

16. Staff Experience:

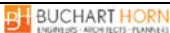
Firm employed by		 Buchart Horn, Inc.		
Name	Nick O'Reilly, AICP		Years of relevant experience with this employer	.5
Title	Senior Planner		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			Bachelors in Urban Planning / 2021 / Urban Planning	
Active registration number / state / expiration date			American Institute of Certified Planners (AICP) # 37683.0 / Nationwide / Exp. N/A	
Year registered	2023	Discipline	Certified Planner	
Contract role(s) / brief description of responsibilities.			Contract / 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).			
	Mr. O'Reilly received his Bachelor's Degree in Urban Planning and GIS from Appalachian State University. He has over 12 years of experience managing transportation, resilience, and hazard mitigation projects across the United States. His expertise includes multimodal transportation planning, travel demand modeling, and integrating hazard mitigation into infrastructure design. Mr. O'Reilly has successfully secured and managed federal and state funding through programs such as CDBG-DR, BRIC, and FTA. He has coordinated with agencies at all levels to deliver green infrastructure, multimodal transit corridors, and disaster-resilient mobility networks. His career demonstrates a strong record of completing complex projects on time, within budget, and in alignment with community and environmental goals.			
10/25 - Ongoing	Roadway Lighting Design, Natchitoches Safe Streets Revitalization, Gresham Smith, City of Natchitoches, LA. BH is serving as a sub-consultant to Gresham Smith by providing roadway lighting design services as part of a comprehensive 18-mile Safe Streets Revitalization initiative to enhance pedestrian, bicycle, and vehicular safety throughout the City of Natchitoches. The overall project includes new sidewalks, bike lanes, shared-use paths, drainage improvements, and pavement rehabilitation along major corridors and collector streets within the City. BH's scope includes photometric analysis, electrical design, and layout of energy-efficient LED lighting systems to improve visibility, uniformity, and corridor safety in accordance with LADOTD and AASHTO standards. Project Manager			
02/25 – 09/25	AMTRAK, MS-LA Grade Cross Safety Assessment, Alfred Benesch and Company, Louisiana and Mississippi. BH is supporting Alfred Benesch & Company on the AMTRAK Mississippi–Louisiana Grade Crossing Safety Assessment, a corridor-wide study spanning nearly 400 crossings from the Mississippi-Tennessee border to New Orleans. As a subconsultant, BH provides conceptual design layouts, program-level cost estimates, and stakeholder coordination for each crossing to support the prioritization of safety improvements. BH's work includes traffic modeling, environmental considerations, and preparation of materials for public and agency presentations—contributing to Amtrak's goal of enhancing safety and reducing risk at highway-rail crossings. Transportation Planner.			
01/25 - 05/25	Auburn-Opelika 2050 Long-Range Transportation Plan (LRTP), Auburn-Opelika MPO, Auburn/Opelika, AL. O'Reilly supported the development of the 2050 Long-Range Transportation Plan for the Auburn-Opelika Metropolitan Planning Organization in partnership with the Lee-Russell Council of Governments (LRCOG). He administered travel demand modeling to project future traffic volumes, identify system deficiencies, and evaluate multimodal corridor improvements across the region. He integrated demographic, economic, and land-use datasets with TransCAD simulations to assess mobility challenges, freight flows, and capacity constraints. O'Reilly facilitated stakeholder engagement workshops, virtual public meetings, and agency coordination to ensure the plan reflected both technical analysis and community priorities. His work incorporated equity measures and sustainability considerations to align recommendations with state and federal planning standards. The plan delivered a comprehensive blueprint for future transportation investments across Lee County, identifying multimodal priorities that enhance safety, improve access, and support projected growth through 2050.			
05/23 - 10/24	Jimmie Davis Design-Build: I-20 / LA 511 Interchange Improvement – LADOTD, North Louisiana. O'Reilly played a key role on Neel-Schaffer's design team for a major interchange reconstruction near Shreveport. The project included designing a new 4-lane bridge			

	over the Red River, converting LA 511 into a median-divided facility with turn lanes, and creating full-access interchanges at Arthur Ray Teague Parkway and Clyde Fant Parkway. His responsibilities spanned roadway geometry, drainage/scour analysis, traffic design, and quality assurance across design phases. Engagement with DOTD and the lead contractor supported NEPA compliance and phased implementation.
1/23 - 3/24	Move 2025 Infrastructure Program / Shelby County Department of Development Services, TN. O'Reilly facilitated workshops to capture community priorities and coordinated with county officials to shape an implementation strategy for underserved areas. He developed detailed cost estimates, performed economic impact assessments, and created funding strategies leveraging CDBG allocations and other federal sources to address mobility gaps. The project incorporated resilience measures and multimodal improvements, aligning with long-range transit and housing goals. Successfully structured and obtained \$18.5M in CDBG allocations, enabling roadway expansions, equitable transit enhancements, and new connectivity projects in high-need neighborhoods.
08/22 - 03/24	Baton Rouge Long-Range Transportation Plan. (LADOTD), Baton Rouge, LA. O'Reilly administered travel demand modeling for the Baton Rouge Metropolitan Area's long-range transportation plan, integrating demographic, land use, and mobility datasets to forecast traffic conditions and identify system deficiencies. He modeled multiple growth scenarios, developed a regional truck freight model, and performed air quality conformity analyses to ensure alignment with federal environmental regulations. He facilitated stakeholder engagement sessions with LADOTD, MPO officials, and the public to integrate equity considerations into final recommendations. Presented findings that secured approval for a \$1.2B improvement program, advancing multimodal corridors, freight enhancements, and pedestrian/bike infrastructure to support future population growth.
10/23 - 8/24	Gentilly Resilience District Vulnerability Assessment, City of New Orleans, LA. O'Reilly directed vulnerability assessments and integrated nature-based stormwater management practices into multimodal corridor planning for the Gentilly Resilience District. He coordinated with HUD-funded initiatives to align stormwater, mobility, and housing improvements under one resilience strategy. His work introduced quantifiable risk-reduction metrics to track performance and ensure compliance with NEPA and FHWA requirements. Implemented resilience monitoring tools to evaluate outcomes across \$4.8M in stormwater and transportation investments, driving data-driven decision-making for future capital allocation.
05/21 - 06/22	GoRaleigh Southern Corridor Bus Rapid Transit (BRT) - City of Raleigh, NC. O'Reilly spearheaded the final design for a 5-mile Bus Rapid Transit corridor, including 3.8 miles of dedicated lanes and integrated transit stations to improve service reliability. He coordinated the design of pedestrian features such as sidewalks, crosswalks, and multi-use paths, ensuring ADA compliance and equitable access for underserved communities. His responsibilities included developing funding scenarios and preparing final design documentation for state and federal review.
04/20 - 11/21	540 Triangle Expressway Extension - North Carolina Turnpike Authority, Wake County, NC. O'Reilly completed the design and environmental review for a 28-mile toll road extension connecting I-540 to US-64/US-264. He integrated EV infrastructure, sound barriers, and pedestrian facilities to meet both multimodal and sustainability requirements. His work included preparing environmental compliance reports and coordinating with FHWA to ensure alignment with federal highway standards. Enabled the approval of a \$2B investment, projected to reduce congestion by 30%+ and strengthen connectivity throughout the Triangle region.
07/19 - 03/20	Raleigh Urban Core Multimodal Plan, City of Raleigh, NC. O'Reilly conducted detailed accessibility analyses using GIS mapping and population heat data to optimize bus routing and enhance network efficiency. He implemented signal timing adjustments at major intersections, reducing peak congestion by 12%, while designing safety-focused pedestrian improvements across identified high-risk areas. These enhancements were supported by data-driven performance evaluations to monitor ongoing impacts. Contributed to a 10% reduction in pedestrian accidents, improving overall safety and accessibility in Raleigh's urban core.

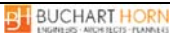
Firm employed by		 Buchart Horn, Inc.	
Name	William H. Munz, PE	Years of relevant experience with this employer	22
Title	Associate Vice President	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		Bachelor of Science / 1998 / Civil Engineering	
Active registration number / state / expiration date		PE.0050797 / LA / Exp. 03/2026, 24GE04501600 / NJ / Exp. 04/2026, 12774 / DE / Exp. 06/2026, PE.095270 / PA / Exp. 06/2026, 131020 / TN / Exp.10/2026	
Year registered	2006	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Principal-in-Charge	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	Mr. Munz is experienced in the design of sign and lighting support structures, new bridges, culverts, rehabilitation of existing bridges and in the inspection of existing structures, including steel girder and prestressed concrete. Mr. Munz has taken an active role in the coordination of several projects, including supervising staff engineers and coordinating with consultants and clients. As the Principal-in-Charge on this project, Mr. Munz will meet regularly with the Project Manager to monitor schedules and budgets. Mr. Munz is also available to discuss any aspect of this project with you at your request. He will also review project performance reviews prepared by the QA/QC Officer and coordinate with the Project Manager and QA/QC Officer action to be taken to maintain excellent performance standards. Mr. Munz meets MPR No. 1 & 2.		
04/09 – 07/16	Route 22 Corridor Safety Improvements, New Jersey DOT, Somerset County, NJ. BH provided preliminary and final design for improvements to this complex section of state highway in the Borough of Somerville and the Township of Bridgewater. The project was intended to provide short-term safety and operational improvements, including new auxiliary lanes, pavement resurfacing (mill and overlay) and removal of median U-turns. BH also developed maintenance and protection of traffic plans for ramp and auxiliary lane improvements. The project involved traffic engineering, including construction of a new signalized intersection at the currently stop-controlled Ronson Road/Foothill Road intersection. Work also included design of Intelligent Transportation System (ITS) facilities, including three closed-circuit television (CCTV) cameras, five dynamic message signs (DMS), three transmit detection sites, and the fiber optic interconnect. We were in charge of roadway elements, including geometric design and horizontal and vertical alignment. The project also included analyzing the access impacts to the many businesses affected by the addition of acceleration and deceleration lanes in accordance with the State Highway Access Management Code. Project Engineer		
04/07 – 09/16	Route 9 and Craig Road/East Freehold Road Intersection Improvements, New Jersey DOT, Freehold and Manalapan Townships, Monmouth County, NJ. Buchart Horn performed preliminary and final design phases for improvements to this at-grade signalized intersection located along Route 9, a heavily traveled commuter corridor. The project added a third travel lane to both the northbound and southbound sides of the mainline, which was divided by a 16-foot grass median, in order to improve peak-hour level-of-service. A portion of the widening was accommodated by replacing the current median with an 8-foot-wide median and concrete barrier curb. The remaining widening occurred to the outside of each roadway, necessitating the acquisition of strip right-of-way parcels from numerous properties. The overall limits of improvements along the state highway are about one mile. A secondary traffic signal was added at the adjacent intersection of East Freehold Road and Pond Road (located 200 feet east of the main intersection). The two traffic signals were coordinated to optimize traffic operations. Project Engineer responsible for Sign Support Structure Design.		
06/07 – 10/19	Route 168/Benigno Boulevard Intersection, New Jersey Department of Transportation, Camden County, NJ. Design of safety and traffic flow improvements to intersection of Route 168 and Benigno Boulevard, including widening four turn lanes, consolidating driveways on east side of Route 168 to align with realigned Benigno Boulevard, as well as new coordinated signals, roadway lighting, and stormwater management. Project Engineer.		

Firm employed by		 Buchart Horn, Inc.	
Name	Daniel J. Magri, PE	Years of relevant experience with this employer	3
Title	Director – Transportation South	Years of relevant experience with other employer(s)	43
Degree(s) / Years / Specialization		Bachelor of Science / 1979 / Civil Engineering	
Active registration number / state / expiration date		PE.0021669 / LA / Exp. 03/2028	
Year registered	1985	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		QC / QA	
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).		
	Mr. Magri obtained his bachelor's degree in civil engineering from Louisiana State University and has 46 years of diverse public-sector transportation experience. His professional background includes 30 years at the Louisiana Department of Transportation & Development (DOTD), where he last served as Assistant Secretary for the Office of Planning, and previously as Deputy Assistant Secretary for the Office of Planning, Highway Safety Administrator, Highway Safety Engineer, and Assistant Public Hearings and Environmental Impact Engineer. Dan is a member of the Institute of Transportation Engineers (ITE), the American Society of Civil Engineers, and past President of the Association of Transportation Safety Information Professionals (ATSIP). Dan was the recipient of the Charles E. Dunbar, Jr., Career Civil Service Award, which is the highest honor classified state employees can receive for their service to the citizens of Louisiana. Mr. Magri meets MPR No. 2.		
2017 - 2021	Louisiana Department of Transportation and Development, Baton Rouge, LA. Assistant Secretary/Deputy Assistant Secretary, Office of Planning. Mr. Magri administered the planning and programming matters of the Department related to highways, bridge and pavement management, data collection and analysis, highway safety, cartography, public transit and related matters, and any other special programs as directed by the Assistant Secretary and the Secretary. Directed four distinct sections of the Office with responsibilities in the areas of (1) public road inventory, traffic monitoring, pavement and bridge management systems, and cartography, (2) highway safety and crash database management, (3) statewide and metropolitan transportation planning, highway project selection and programming, highway needs assessments, project scoping, and management of special projects, and (4) public transit.		
1996 - 2017	Louisiana Department of Transportation and Development, Baton Rouge, LA. Traffic Safety Engineer/Traffic Safety Manager/Highway Safety Administrator. Mr. Magri administered the activities for the Department's Highway Safety Program Section of the Office of Planning. Activities related to this Section included highway safety policy and program development, traffic safety records, tort reduction, and the Louisiana Strategic Highway Safety Plan (SHSP). Administered the statewide Highway Safety Improvement Program (HSIP) and coordinated the activities of the nine District Traffic Operations Engineers on all matters dealing with highway safety and the study of crash locations. Served as principal assistant to the Assistant Secretary and the Deputy Assistant Secretary, Office of Planning. Directed and implemented the State's first Comprehensive Highway Safety Plan (CHSP). This was prior to the SAFETEA-LU (signed into law by President George W. Bush on August 10, 2005) requirement that states develop a SHSP. This effort eventually led to the development of the Louisiana SHSP to comply with SAFETEA-LU. Implemented the first safety analysis methodology utilizing the use of Louisiana specific Safety Performance Functions (SPFs). The SPF models provide an estimate of the normal or expected crash frequency and severity for a range of AADT among similar facilities. Louisiana DOTD still utilizes this methodology today. Developed, implemented, and administered the and Local Road Safety Program (LRSP) (https://www.ltrc.lsu.edu/lrap/local-road-safety.html). The LRSP is a LADOTD Local Public Agency (LPA) Program that provides local entities the opportunity to utilize federal-aid funds to improve highway safety on their local roadway network.		

	Developed, implemented, and administered and the LADOTD Safe Routes to School Program (SR2S) which is now the Safe Routes to Public Places Program (SRTPP). http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Multimodal/Highway_Safety/SRTPPP/Pages/default.aspx, Worked with the Louisiana Technical Assistance Program (LTAP) to establish the Local Road Safety Program (LRSP) outreach to Local Public Agencies (LPA) to facilitate the submission of LRSP applications. Administered the preparation and adoption of the Louisiana Complete Streets Work Final Report (SPN 736-99-1478) resulting in the Louisiana Department of Transportation and Development's first (July 2010) Complete Streets Policy. Served as Louisiana DOTD's voting member of AASHTO's Highway Traffic Safety Sub-Committee on Safety Management and the AASHTO Committee on Safety. Member of NCHRP 17-101 Project Panel Applying the Safe System Approach to Transportation Planning, Design, and Operations in the United States. Served as a Subject Matter Expert (SME) for the Transportation Professional Certification Board's (TPCB) exam development for Road Safety Professional (RSP) Level 1 and Level 2 "infrastructure specialty" certification.
1988 - 1996	Louisiana Department of Public Safety, Louisiana Highway Safety Commission (LHSC), Baton Rouge, LA. Highway Safety Engineering Program Manager. Mr. Magri managed the annual statewide highway safety program related to engineering projects from development through implementation to the evaluation of the completed projects. Developed long range highway safety plans and managed and coordinated with federal, state and local agencies to administer, implement, monitor and evaluate the projects and programs. Prepared program/project budgets and negotiated contracts with state and local project agencies. Managed the state traffic accident records system and the US DOT Fatal Accident Reporting System (FARS).
02/22 – 05/22	Highway 7 Traffic Impact Study, Precision Engineering Corporation, Oxford, MS. Mr. Magri performed QA/QC for a study to determine the impact of a proposed residential development to the surrounding networks near Highway 7 in Oxford, MS. The traffic impact study (TIS) included an analysis of the expected traffic conditions for several scenarios. The report provided a summary of the existing conditions, trip generation, trip distribution and assignment, Level of Service, and warrant analysis. Horizontal and vertical stopping sight distances were estimated based on design criteria along with storage lengths needed for turning movements into and out of the proposed development.
01/22 – 10/23	Harrison Avenue Improvements Study and Design, St. Tammany Parish, Covington, LA. BH served as the prime consultant for the Harrison Avenue Improvements project in Covington, LA, leading a comprehensive study and final design effort to enhance safety, capacity, and pedestrian accessibility along a 2.49-mile urban corridor. The project involved the design of ADA-compliant sidewalks on both sides of the roadway, supported by subsurface drainage improvements and utility conflict coordination. BH developed and evaluated multiple design alternatives, prepared right-of-way maps, and completed final construction documents including grading, signage, erosion control, and cost estimates. The project emphasized improved connectivity to residential neighborhoods and public facilities while addressing drainage and access management challenges in a rapidly developing area. QA/QC

Firm employed by		 Buchart Horn, Inc.	
Name	Joseph F. Mingo, PE	Years of relevant experience with this employer	11
Title	Civil Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science / 2014 / Civil Engineering	
Active registration number / state / expiration date		PE.0043700 / LA / Exp. 03/2026	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Roadway Design, Construction Support	
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).		
	Mr. Mingo has more than 11 years of experience working on projects related to road design. He has worked on roadway rehabilitation, widening, roundabout, and lighting design projects. His primary responsibilities include design development, design plan preparation and detailing, design quantity calculations, and cost estimation. These duties require extensive knowledge and use of MicroStation and InRoads design software. Mr. Mingo meets MPR Nos. 2 & 3.		
03/16 – 08/17	Feasibility and Planning Study for LA 182 Sidewalk and Handicap Ramp Improvements, LADOTD, New Iberia, LA. Buchart Horn served as the prime consultant for a Stage 0 Feasibility Study of approximately 18 miles of sidewalk and ADA-compliant ramp improvements along LA 182 in New Iberia, LA. The project scope included conducting a corridor survey, evaluating existing pedestrian infrastructure, developing conceptual sidewalk and ramp designs, assessing drainage and utility impacts, and performing comprehensive traffic and pedestrian analyses. The team coordinated with LADOTD and local officials, identified environmental and right-of-way constraints, and prepared a final report with proposed alternatives, typical sections, and cost estimates in accordance with ADA, AASHTO, and LADOTD guidelines. Project Engineer.		
05/14 – 02/19	Highland-Burbank Connector, City of Baton Rouge/Parish of East Baton Rouge, LA. As part of the broader Highland–Burbank Connector project in Baton Rouge, BH designed approximately 2,100 linear feet of six-foot-wide sidewalks along the new roadway corridor to enhance pedestrian connectivity. The sidewalks, located on one side of the three-lane curb-and-gutter roadway, were integrated with ADA-compliant curb ramps, intersection treatments, and a protected crossing over Bayou Fountain. BH addressed grade differentials, drainage, and utility conflicts to ensure the sidewalk system provided safe and accessible routes linking neighborhoods, schools, and public facilities. These pedestrian facilities were a key element of the project’s multi-modal design, developed in accordance with LADOTD and City-Parish standards and delivered as part of the Green Light Program’s transportation improvements. Project Engineer		
10/15 – 10/20	Spartan Drive Shared-Use Path, City of Slidell, LA. BH was contracted by the City of Slidell to provide comprehensive engineering services for the design and construction administration of a 1.3-mile shared-use path along Spartan Drive. The project extended from US Highway 11 to Fritchie Park, enhancing multimodal connectivity to local destinations such as Salmen High School and surrounding neighborhoods. The design included ADA-compliant pedestrian and bicycle facilities and incorporated key safety enhancements such as striping, signage, and dedicated crossing improvements to facilitate safe access for non-motorized users. Project Engineer		
06/17 – 08/22	West Bank Group B Street Improvements, City of New Orleans, LA. BH served as the prime consultant for the West Bank Group B Street Improvements project in New Orleans, providing full engineering design services as part of the City’s \$2.4 billion FEMA- and locally funded Capital Improvement Program. The project included the rehabilitation of approximately 4.6 miles of roadway and associated infrastructure across 60 blocks, with a key focus on sidewalk repairs and ADA-compliant upgrades. Responsibilities included topographic surveying, sidewalk and ramp design, drainage evaluation to support pedestrian improvements, utility coordination, and the preparation of preliminary and final construction documents. BH also supported public and stakeholder coordination throughout design development. Project Engineer.		

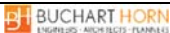
03/17 – 10/23	Harrison Avenue Improvements – Study and Design, St. Tammany Parish, Covington, LA. BH served as the prime consultant for the Harrison Avenue Improvements project in Covington, LA, leading a comprehensive study and final design effort to enhance safety, capacity, and pedestrian accessibility along a 2.49-mile urban corridor. The project involved the design of ADA-compliant sidewalks on both sides of the roadway, supported by subsurface drainage improvements and utility conflict coordination. BH developed and evaluated multiple design alternatives, prepared right-of-way maps, and completed final construction documents including grading, signage, erosion control, and cost estimates. The project emphasized improved connectivity to residential neighborhoods and public facilities while addressing drainage and access management challenges in a rapidly developing area. Project Engineer.
02/16 – 04/17	Feasibility and Planning Study, East Vine Street (US 190), LADOTD, Opelousas, LA. BH led a feasibility and planning study for the East Vine Street (US 190) corridor in Opelousas, Louisiana, focusing on pedestrian accessibility, utility coordination, and drainage within a broader roadway reconstruction effort. The team evaluated existing ADA-deficient sidewalks, developed concepts for new compliant pedestrian infrastructure, and identified optimal crosswalk locations to enhance corridor safety and connectivity. BH conducted a Quality Level D utility investigation and coordinated with service providers to assess relocation needs impacting sidewalk placement. Proposed improvements included five-foot sidewalks with curb ramps, crosswalks, and necessary drainage accommodations, supported by conceptual layouts, typical sections, and construction cost estimates. Project Engineer.
11/19 – 08/22	Marlyville Fontainebleau Group D & E Street Repairs, City of New Orleans, LA. BH served as the prime consultant providing engineering design and construction administration services for FEMA-funded roadway and pedestrian infrastructure improvements within the Marlyville-Fontainebleau neighborhoods in New Orleans. The project involved full-depth reconstruction of multiple roadway corridors, including the design of ADA-compliant sidewalks, curb ramps, and pedestrian crossings across more than 3,000 linear feet of residential streets. BH performed topographic surveying, drainage analysis, utility coordination, and developed final construction plans and cost estimates. The corridor-wide improvements included stormwater system upgrades, accessible route continuity, and enhanced pedestrian safety features in accordance with City of New Orleans standards and federal guidelines. Project Engineer.
08/23 - Ongoing	Sylvan Avenue Trail-MTF, City of Pittsburgh, Pittsburgh, PA. BH serves as the prime design consultant for the ongoing Sylvan Avenue Trail project in Pittsburgh, converting a once-closed segment of Sylvan Avenue—shut since the 1960s due to a landslide—into a vibrant shared-use greenway that restores connectivity between Hazelwood and Greenfield. The design, developed under PennDOT and City of Pittsburgh oversight, includes trail lighting, pervious pavement, drainage improvements, signage, pavement markings, landscaping, and reuse of historic sandstone curbing, along with slope stabilization and modern accessibility enhancements. Beyond technical excellence, the project weaves a narrative of reconnection—revitalizing a dormant historic alignment into a safe, sustainable multimodal corridor that bridges neighborhoods, parks, and future trail networks. Project Engineer
7/17 - 09/24	New Roundabout, Parish Road 929 at Parker Road, Ascension Parish, Prairieville, LA. BH led the planning, design, and construction administration of the new roundabout at Highway 929 and Parker Road in Ascension Parish, Louisiana, a publicly funded Local Road Safety Program project completed in 2024. Beginning with the Stage 0 Feasibility Study in 2010, BH advanced the project through preliminary and final design, addressing safety concerns from documented crashes and projected traffic growth. The roundabout design, developed in accordance with LADOTD and FHWA standards, incorporated roadway widening, drainage improvements, splitter islands, pedestrian accommodations, lighting, and utility coordination. Through construction-phase services under the Move Ascension program, BH ensured successful delivery of this safety-focused project, which now reduces conflict points, calms vehicle speeds, and enhances traffic operations for the community. Project Engineer.
02/17 – 10/21	Citrus Boulevard and Greg Court Improvements, Jefferson Parish, River Ridge, LA. BH provided comprehensive professional engineering services for the Drainage, Roadway, and Sidewalk Improvements along Citrus Boulevard and Greg Court in Jefferson Parish, Kenner, Louisiana. The project was initiated to address recurring flooding concerns and deteriorating infrastructure in a densely populated residential area. In addition to the core drainage system upgrades, the project involved the reconstruction and rehabilitation of the overlying roadways and adjacent pedestrian infrastructure. As part of this larger infrastructure effort, sidewalk segments impacted by the construction activities were replaced, and ADA-compliant pedestrian access was restored throughout the corridor. Handicap ramp details were incorporated into the final plans, ensuring safe and accessible crossings at intersections and driveways. Project Engineer

Firm employed by		 Buchart Horn, Inc.		
Name	Wm. Andrew Pinkley, PE		Years of relevant experience with this employer	23
Title	Senior Civil Engineer		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		Master of Science / 1992 / Civil Engineering Bachelor of Science / 1984 / Civil Engineering		
Active registration number / state / expiration date		PE.0040713 / LA / Exp. 09/2026; 20453 / TN / Exp. 01/2027; 16759 / MS / Exp. 12/2027		
Year registered	2016 (LA)	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.		Roadway Design, Construction Support		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
	Mr. Pinkley has more than 41 years of experience in the management and design of civil engineering projects. His experience with governmental work has involved the planning, design, and construction of major transportation-related projects, including airports, highways, and rail and port facilities in Louisiana, Tennessee, Mississippi, Arkansas, and Florida. His experience in the development and construction of private facilities has led to an understanding of the relationships among the different design disciplines required in such projects. Recently, he has been managing several Roadway Safety Audits throughout West Tennessee.			
03/17 – 09/22	Harrison Avenue Improvements Design, St. Tammany Parish, Covington, LA. BH served as the prime consultant for the Harrison Avenue Improvements project in Covington, LA, leading a comprehensive study and final design effort to enhance safety, capacity, and pedestrian accessibility along a 2.49-mile urban corridor. The project involved the design of ADA-compliant sidewalks on both sides of the roadway, supported by subsurface drainage improvements and utility conflict coordination. BH developed and evaluated multiple design alternatives, prepared right-of-way maps, and completed final construction documents including grading, signage, erosion control, and cost estimates. The project emphasized improved connectivity to residential neighborhoods and public facilities while addressing drainage and access management challenges in a rapidly developing area. Project Engineer.			
06/20 – 03/22	US 190 Roadway and Bridge Improvements, LA 437 to Business US 190, LADOTD, St. Tammany Parish, LA. Stage 3 design for preliminary and final plans for road and bridge improvements. Geotechnical engineering and a traffic management plan will be included via supplemental agreement. BH is responsible for design development in preliminary and final design plan stages. Services are being provided in support of prime consultant T. Baker Smith. Project Engineer.			
08/21 – Ongoing	Shelby Drive Widening from Paul Lowry Road to Weaver Road, City of Memphis, TN. BH was selected as part of a team to provide various engineering services to the City of Memphis, TN, related to the design and preparation of final construction plans for the Shelby Drive – Paul Lowry to Weaver Road Project. The project includes: widening and extension of Paul R. Lowery Road, widening of Shelby Drive, access management, enhancements to pedestrian infrastructure and crossings, replacement of existing and installation of new traffic signals, improvements to transit access and facilities, planting of appropriate street trees and landscaping, relocation and enhancement of public utilities, roadway lighting, and two grade separated rail crossings (approximately 2.5 miles). Project Manager			
03/07 – 01/10	Government Street and South Foster Drive Intersection Improvements, City of Baton Rouge and Parish of East Baton Rouge, LA. BH was tasked with the design and widening of the intersection of Government Street and Foster Drive, consisting of undivided four-lane two-way arterials and one of the busiest areas of the City, as one of the Green Light Program projects. The design would maintain two through-lanes at each approach, along with additional designated turn lanes. Additional turn lanes included a dedicated left turn at both approaches of Government Street and both approaches of Foster Drive. These improvements created safer and more efficient traffic flow. Complete streets elements such as pedestrian paths, ADA compliance and decorative lighting were added to the intersections. Curb and gutter, subsurface drainage and raised medians were also implemented. Due to the dense commercial land use of the area,			

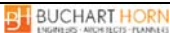
	streamlining utility relocations and right-of-way acquisition proved to be the critical path to a successful project. Our staff performed the ROW survey and taking maps used in negotiations for right-of-way acquisitions. Senior Staff Engineer
04/07 – 10/09	LA 59/I-12 Interchange Improvements, St. Tammany Parish, Mandeville, LA. BH designed major operational improvements to the I-12 interchange with LA 59, a major north/south urban arterial serving St. Tammany Parish. The existing off-ramp left-turn lanes onto LA 59 were single lane. During peak hours, traffic backed up onto the I-12 off-ramps. In addition, a major utility maintenance depot required turning movements sufficient for tractor trailers in excess of 50 feet. The design widened the movements on the off-ramps to a double left turn, the westbound on-ramp to a double lane operation, and provided a double left turn westbound from LA 59 northbound. All of these facilities were designed within the existing right-of-way. The design met the LADOTD design guidelines and was permitted by LADOTD. Services provided included: Preliminary and final plans, Geotechnical services, Traffic analysis, Signal design, Environmental services. Senior Staff Engineer
03/15 – 10/25	Shelby County Government - Walnut Grove Road Widening and Reconstruction, Memphis, TN. This project improves Walnut Grove Road from Rocky Point Road to Houston Levee Road by widening the roadway from two to four lanes. This approximate one linear mile of improvements include a median with lighting, landscaping, and bicycle and pedestrian facilities. The project will be designed and right-of-way acquired to accommodate six lanes in the future. The proposed roadway improvements are necessary to improve safety, to reduce traffic congestion and to meet traffic demands along a major arterial route. Project Manager.
07/15 – 07/24	Germantown Road and Wolf River Boulevard Intersection Improvements, City of Germantown, TN. BH assisted the City of Germantown with NEPA documentation, surveys, design services, plans preparation, environmental permitting, public awareness, and bidding assistance for the modification of the intersection of Germantown Road and Wolf River Boulevard. The project involves the intersection of Germantown Road and Wolf River Boulevard, two major arterials in the medical center area which is one of the most heavily congested intersections in Shelby County. Improvements include the addition of double left-turn lanes, right-turn lanes, and upgrading existing signals. Also included are the improvement of the Germantown Road/Brierbrook Road Intersection and the overlay of all the existing roadways. Widening of the roadway design included upgrading all pedestrian facilities to current ADA standards including curb ramps, crosswalks, signing, and pedestrian signals. Project Manager.
11/17 - Ongoing	Plough-Airways Boulevard and Winchester Road Improvements, Smith Seckman Reid, City of Memphis, TN. Design to improve 3,000 feet of Plough-Airways Boulevard south of Brooks Road, and 3,000 feet along Winchester Road, providing a grade-separated interchange to replace the existing Plough-Airways/Winchester at-grade intersection. The project will maintain direct connectors between Plough Boulevard and the Memphis/Shelby County International Airport. In support of prime consultant SSR, BH is providing NEPA document preparation, EPSC and SWPPP design and permitting, and traffic signal design. Project Manager.

Firm employed by		 Buchart Horn, Inc.	
Name	Colton J. Baker, PE	Years of relevant experience with this employer	2
Title	Civil Engineer	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		Bachelor of Civil Engineering / 2016 / Structural Engineering	
Active registration number / state / expiration date		130754 / TN / Exp. 09/2026	
Year registered	2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Roadway Design, Construction Support	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	As a Civil Engineer in BH's Transportation Group, Mr. Baker provides design and construction phase support for a variety of roadway, traffic and structure related projects. He is involved in all phases of design development including project scoping, preliminary engineering and final design, bid phase support and construction phase services.		
06/23 - Ongoing	Multi-Modal Facilities Design, SR-206, SR-76, and SR-22, TDOT, Region 4, TN. This project is the design of and preparation of Plans for Multi-Modal Facilities on three (3) projects. Sidewalks, pedestrian lighting, and shared roadway/bicycle facilities along SR-206 in Atoka, TN; sidewalks and shared roadway/bicycle facilities along SR-76 in McKenzie, TN; and sidewalks along SR-22 in Clarksburg, TN. Civil Engineer		
06/24 - Ongoing	SR-15 Pedestrian Safety Improvements, TDOT, Hardeman County, Bolivar, TN. This project is the design of and preparation of Plans for Pedestrian Safety Improvements along a section of SR-15 (US-64/E. Market St.) in the City of Bolivar, TN, Hardeman County. ADA compliant sidewalks, ramps, driveway aprons, drainage, signing, and pavement markings are to be included in the project. Civil Engineer		
03/25 - Ongoing	Neighborhood Traffic Calming Design, City of Pittsburgh, PA. BH was retained to perform project management, data collection, and pre-final and final construction plans for traffic calming projects on priority corridors. BH developed five traffic calming construction plans including signing and pavement marking plan. Each corridor was approximately 2,500 linear feet in length and may have a combination of the following traffic calming measures: Chicanes, Speed humps and/or tables, Pavement striping that created curb extensions with or without physical concrete sidewalk modifications, and Residential intersection traffic circles. Civil Engineer		
11/22 - Ongoing	Shelby Drive Widening from Paul Lowry Road to Weaver Road, City of Memphis, TN. BH was selected as part of a team to provide various engineering services to the City of Memphis, TN, related to the design and preparation of final construction plans for the Shelby Drive – Paul Lowry to Weaver Road Project. The project includes: widening and extension of Paul R. Lowry Road, widening of Shelby Drive, access management, enhancements to pedestrian infrastructure (sidewalks) and crossings, replacement of existing and installation of new traffic signals, improvements to transit access and facilities, planting of appropriate street trees and landscaping, relocation and enhancement of public utilities, and two grade separated rail crossings (approximately 2.5 miles). Civil Engineer		
11/22 - Ongoing	TDOT Local Roads Safety Initiative, Region 4, West TN. BH was selected by TDOT's Strategic Transportation Investments Division (STID) to provide engineering services within their Local Roads Safety Initiative (LRSI) program for Region 4 (West Tennessee). Work Orders under the LRSI program are issued to identify and provide improvements for deficient safety conditions present along various local routes western Tennessee. The proposed roadway and/or intersection improvements will be determined after developing traffic and crash data summaries, conducting field reviews, obtaining and documenting stakeholders' input, and analyzing additional information. Civil Engineer		

07/24 - Ongoing	CE&I/EPSC Services for Widening of SR4 (US78) from Shelby Drive to Raines/Perkins Road Interchange, Smith Seckman Reid, Inc., TDOT, Shelby County, TN. As a subconsultant to the prime, Smith Seckman Reid, Inc., BH provided CE&I/EPSC services in support of the widening of State Route 4 (Lamar Avenue) from south of Shelby Drive to the Raines/Perkins Road Interchange in Shelby County, TN. BH's responsibilities include inspecting and reporting all EPSC activities and features within the project limits and affected areas, following the current National Pollution Discharge Elimination System (NPDES), Construction General Permit (CGP), and TDOT Statewide Storm Water Management Plan (SSWMP) requirements. Civil Engineer
11/22 – 07/25	Walnut Grove Road Widening and Reconstruction, Shelby County Government, Memphis, TN. This project improves Walnut Grove Road from Rocky Point Road to Houston Levee Road by widening the roadway from two to four lanes. This approximate one linear mile of improvements include a median with landscaping and bicycle and pedestrian facilities. The project will be designed and right-of-way acquired to accommodate six lanes in the future. The proposed roadway improvements are necessary to improve safety, to reduce traffic congestion and to meet traffic demands along a major arterial route. Civil Engineer
12/22 – 11/23	SIA Pottery Direct, TDOT, Carroll County, TN. This State Industrial Access (SIA) Road is proposed to serve a new manufacturing Facility for Pottery Direct International located in the McKenzie Industrial Park in Carroll County, Tennessee. As a part of an On-Call Design contract with TDOT, Buchart Horn provided professional services for the design of and plans preparation for the 0.6 mile roadway project. The proposed road will improve access to State Route 22 for the tenants of the park. The project is on new alignment across the park and provides two 12-foot lanes with paved shoulders that follow current design standards. The design of the project is following a typical TDOT path with the preparation, submission, and review of the plans at the preliminary, ROW, and construction phases. Through TDOT, BH is coordinating with the local governmental and industrial stakeholders to develop a design that provides a finished roadway that will serve the park over the next few years. Civil Engineer
11/22 - Ongoing	I-40 @ SR69 Safety Improvements, TDOT, Decatur & Benton Counties, TN. This project is the design of and preparation of Roadway Plans for the construction of Safety Improvements to the Interstate 40 Interchange at State Route 69 (Exit 126) Interchange in Decatur and Benton Counties, TN. The Project Scope has yet to be finalized, but at a minimum this project will involve improvements to the exit & entrance ramps that will add adequate length for acceleration/deceleration at the exiting intersections. Other improvements such as ramp realignment, intersection improvements, signals, and lighting will be considered in the development of the project. For purposes of this proposal, it's assumed that ramp improvements on I-40 and right-turn lanes on SR-69 will in the scope of the project. The plans will be prepared by Buchart Horn (BH) for the Tennessee Department of Transportation (TDOT), Region 4 Office. This is one of the first projects under the Project Delivery Network (PDN) in Region 4. PDN is a new project management process being adopted by TDOT for use on all future projects. As a part of an On-Call Design contract, Buchart Horn will provide professional services for the design of and plans preparation for the project. The work will be conducted under the supervision of the Tennessee Department of Transportation (TDOT), Region 4 Office. Civil Engineer
11/22 - Ongoing	SIA SR 431 at Industrial Park Dr, TDOT, Weakly County, TN. This project involves the design of and preparation of Roadway Plans for a State Industrial Access (SIA) project in Weakley County, TN. The proposed improvements include the addition of turn lanes and acceleration lanes on SR 431 (Main Street) at Industrial Park Drive in Martin, TN. The project's timeline will be considered fast-track for the design and plans development. As part of an On-Call design contract, Buchart Horn will provide professional services for the design and plans preparation for the project. The work will be conducted under the supervision of the Tennessee Department of Transportation (TDOT), Region 4 Office. The design of the project is following scope of work for smaller, fast-track projects. The formal submission of Preliminary plans will be grouped together with the usual ROW plans preparation and review phase. Civil Engineer
11/22 – 07/24	Germantown Road and Wolf River Boulevard Intersection Improvements, City of Germantown, TN. BH assisted the City of Germantown with NEPA documentation, surveys, design services, plans preparation, environmental permitting, public awareness, and bidding assistance for the modification of the intersection of Germantown Road and Wolf River Boulevard. Widening of the roadway design included upgrading all pedestrian facilities to current ADA standards including curb ramps, crosswalks, signing, and pedestrian signals. Civil Engineer

Firm employed by		 Buchart Horn, Inc.	
Name	Robert S. Nash, PE, PTOE, CME		Years of relevant experience with this employer
Title	Senior Project Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Master of Science / 1980 / Transportation Engineering Bachelor of Science / 1978 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 24GE03939500 / NJ / Exp. 04/2026, 094209-01 / NY / Exp. 01/2029 Professional Traffic Operations Engineer: 1665 / Nationwide / Exp. 11/2026 Certified Municipal Engineer	
Year registered	1995	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
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).		
	Mr. Nash has more than 48 years of experience in the field of traffic engineering. His experience includes traffic signal design, signing and striping plans, maintenance of traffic plans and traffic engineering studies such as traffic impact reports, forensic traffic accident reconstruction and expert testimony, area wide traffic simulation models, corridor studies, and traffic improvement projects.		
06/20 – 04/21	Move Ascension Roadway Design Services, Ascension Parish, LA. On-call contract to provide professional engineering design and related services for the Move Ascension Parish Program initiative. LADOTD standards, references, manuals, quality control, and format requirements are required for all projects. The general scope for task orders may include any of the following: topographic survey, preliminary roadway plans, preliminary bridge plans, final plans, geotechnical investigation, subsurface utility engineering (SUE), right-of-way maps, construction engineering and inspection (CE&I), bidding, value engineering studies, permit sketches, and Stage 0 feasibility studies. QA/QC		
08/21 - Ongoing	Shelby Drive Widening from Paul Lowry Road to Weaver Road, City of Memphis, TN. QA/QC. BH prepared NEPA documents, performed surveys, conducted geotechnical investigations, and provided design and preparation of roadway plans for the widening and extension of Shelby Drive/Paul Lowry Road in Shelby County.		
03/25 – 09/25	Traffic Calming Design, City of Pittsburgh, PA. Project Manager. BH was retained to perform project management, data collection, and pre-final and final construction plans for traffic calming projects on priority corridors as identified by the Department of Mobility and Infrastructure (DOMI) staff through the Neighborhood Traffic Calming program. The design was based on MicroStation base plans of the priority design corridors including data such as curb lines (LiDAR), parcels/ROW, driveway/curb cuts, and singage and pavement markings which are available publicly or provided by DOMI. BH utilized the design toolbox and strategies identified by DOMI during the planning phase. For each corridor/project, DOMI provided a planning level document of the traffic calming features or traffic safety improvements. The design was limited to signing, pavement markings, and vertical delineation elements, i.e. speed humps, traffic circles, flexposts, etc. The design was based on design and control vehicles identified by DOMI and turning movements developed using Transoft Solutions, AutoTURN 11.0.		
06/20 – 09/22	New Roundabout, Parish Road 929 at Parker Road, Ascension Parish, Prairieville, LA. QA/QC. BH provided feasibility study and design services for a roundabout at the intersection of Highway 929 and Parker Road. The project consisted of two phases; the first was LADOTD, Parish, and pipeline utility coordination to determine feasibility and receive written approvals. The second was design and		

	permitting. BH evaluated conceptual alternatives for the intersection in order to improve capacity and/or safety. Upon acceptance and authorization from LADOTD and the pipeline companies, BH provided the design and specifications for public bidding.
12/23 - Ongoing	NJDOT, Route 9 North, Ramp to Garden State Parkway North, Sayreville Borough, Middlesex County, NJ. Project Manager. BH was selected by NJDOT to advance the Preliminary Preferred Alternative from Concept Development through completion of Preliminary Engineering for improvements to Route 9 northbound in the vicinity of the Garden State Parkway Interchange, with the goal of improving traffic operations and safety for all roadway users. The project included development of design level base mapping; refinement of roadway geometry to convert the center lane to a decision lane serving both Route 9 northbound and the GSP northbound; lane shifts and minor roadway widening; pavement recommendations; and milling and resurfacing within the project limits. BH also designed overhead and ground mounted signing to meet MUTCD requirements, advanced environmental documentation, conducted subsurface utility engineering and geotechnical investigations as needed, initiated right of way and utility coordination, prepared design exceptions and project cost estimates, and led public involvement activities to achieve agency approvals and local stakeholder support, culminating in preparation of the final Preliminary Engineering Report.
03/21 – 09/22	Broadway Avenue Streetscape Improvements, City of Pittsburgh, PA. Under the City of Pittsburgh's On-Call Infrastructure Design Services Contract, BH provided engineering design services for the Broadway Avenue Public Realm Project in the Beechview neighborhood, a streetscape initiative focused on safety, accessibility, and placemaking. BH reconfigured the corridor into a single T-intersection to improve traffic operations while creating expanded pedestrian zones and public plazas, and led full roadway and streetscape design including line and grade, typical sections, intersection realignment, ADA-compliant curb ramps, pedestrian plaza enhancements, upgraded signalization, lighting with photometric analysis, utilities, signing, and pavement markings in coordination with PennDOT and the Port Authority of Allegheny County. Services included 30%, 60%, 90%, and final PS&E submissions with cost estimates and technical specifications, subsurface utility engineering, surveying, traffic data collection, and public involvement supported by visualization materials and virtual engagement. Although the project was placed on hold prior to bid, BH delivered a complete PS&E package demonstrating expertise in complex urban, multimodal infrastructure design and stakeholder coordination. Traffic Engineer.
09/20 – 11/21	I-110 Southbound at US 90 Westbound Safety Improvements, Mississippi DOT, Harrison County, MS. Project Manager. BH provided design services to implement safety improvements at the intersection of I-110 southbound and US 90 westbound in Harrison County, MS. The project was selected by MDOT due to the large number of wet weather, lane departure crashes located specifically in the curve where I-110 exits onto US 90 westbound. The following safety improvements were implemented: /// Speed-actuated flashing curve warning/advisory signage - There is an existing overhead flashing assembly that features a large W1-2 turn warning sign, as well as two-10 MPH placards with flashers. The flashers are set to constantly flash. BH modified this assembly to be actuated and installing radar detection up stream from the sign to have it only flash when a car's speed is too fast for conditions. /// Speed-activated LED sequential flashing chevrons - Though the curve has existing curve warning signage and a 10 mph advisory speed, there were no chevrons in place. A set of LED flashing chevrons were installed on top of the existing concrete barrier and made it to flash sequentially which is speed-activated. /// Doubled up 48" curve advisory signage - The current curve warning signage is a single 36" W1-2 turn sign with a 10 mph advisory placard. The proposed improvement include upsizing the sign to 48" and doubling up the signage and placard. /// High Friction Surface Treatment in advance to curve /// Modify lane drop at I-110 SB 1A/1B exit split to reduce speeds /// Modify overhead signage to correspond with lane drop modifications

Firm employed by		 Buchart Horn, Inc.	
Name	Danuta A. Zabielski, CPESC	Years of relevant experience with this employer	29
Title	Senior Civil Designer	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		Bachelor of Science / 1993 / Civil Engineering	
Active registration number / state / expiration date		2921 / Nationwide / Exp. 12/2026	
Year registered	2004	Discipline	Certified Professional in Erosion and Sediment Control
Contract role(s) / brief description of responsibilities.		Roadway Design	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Ms. Zabielski has 35 years of diverse experience in the field of land development. She is responsible for all phases of site design, from production of preliminary plans to construction documents. Her experience includes grading, site layout, landscaping, stormwater management, erosion and sediment control, and road design (horizontal and vertical alignment).		
11/19 – 08/22	Marlyville Fontainebleau Group D & E Street Repairs, City of New Orleans, LA. BH served as the prime consultant providing engineering design and construction administration services for FEMA-funded roadway and pedestrian infrastructure improvements within the Marlyville-Fontainebleau neighborhoods in New Orleans. The project involved full-depth reconstruction of multiple roadway corridors, including the design of ADA-compliant sidewalks, curb ramps, and pedestrian crossings across more than 3,000 linear feet of residential streets. BH performed topographic surveying, drainage analysis, utility coordination, and developed final construction plans and cost estimates. The corridor-wide improvements included stormwater system upgrades, accessible route continuity, and enhanced pedestrian safety features in accordance with City of New Orleans standards and federal guidelines. Civil Designer		
11/22 - Ongoing	Shelby Drive Widening from Paul Lowry Road to Weaver Road, City of Memphis, TN. BH was selected as part of a team to provide various engineering services to the City of Memphis, TN, related to the design and preparation of final construction plans for the Shelby Drive – Paul Lowry to Weaver Road Project. The project includes: widening and extension of Paul R. Lowry Road, widening of Shelby Drive, access management, enhancements to pedestrian infrastructure (sidewalks) and crossings, replacement of existing and installation of new traffic signals, improvements to transit access and facilities, planting of appropriate street trees and landscaping, relocation and enhancement of public utilities, and two grade separated rail crossings (approximately 2.5 miles). Civil Designer		
11/22 – 07/24	Germantown Road and Wolf River Boulevard Intersection Improvements, City of Germantown, TN. BH assisted the City of Germantown with NEPA documentation, surveys, design services, plans preparation, environmental permitting, public awareness, and bidding assistance for the modification of the intersection of Germantown Road and Wolf River Boulevard. Widening of the roadway design included upgrading all pedestrian facilities to current ADA standards including curb ramps, crosswalks, signing, and pedestrian signals. Civil Designer		
03/13 – 12/16	West Memphis Segment (Segment 5), Main Street to Main Street Multi-Use Trail, City of Memphis, TN. BH provided survey, design, and plans preparation for the construction of a multi-modal trail in West Memphis/Crittenden County, AR. Beginning at the intersection of East Broadway Avenue and Martin Luther King Drive, the trail proceeds along East Broadway Avenue in an easterly direction to a point before the underpass at I-55. At this point, the trail leaves the existing roadway onto new alignment parallel with I-55 on the south side and at ground level, crossing under I-55 to the north side, and parallel towards its intersection with Bridgeport Road. The trail takes advantage of Bridgeport Road's existing pavement as a shared roadway/trail, under I-55 and onto Dacus Lake Road to its terminus at the west end of Harahan Bridge segment of the M2M trail. The design is compliant with current ADA standards. Civil Designer		

11/22 – 07/25	Walnut Grove Road Widening and Reconstruction, Shelby County Government, Memphis, TN. This project improves Walnut Grove Road from Rocky Point Road to Houston Levee Road by widening the roadway from two to four lanes. This approximate one linear mile of improvements include a median with landscaping and bicycle and pedestrian facilities. The project will be designed and right-of-way acquired to accommodate six lanes in the future. The proposed roadway improvements are necessary to improve safety, to reduce traffic congestion and to meet traffic demands along a major arterial route. Civil Designer
06/23 - Ongoing	Multi-Modal Facilities Design, SR-206, SR-76, and SR-22, TDOT, Region 4, TN. This project is the design of and preparation of Plans for Multi-Modal Facilities on three (3) projects. Sidewalks, pedestrian lighting, and shared roadway/bicycle facilities along SR-206 in Atoka, TN; sidewalks and shared roadway/bicycle facilities along SR-76 in McKenzie, TN; and sidewalks along SR-22 in Clarksburg, TN. Civil Designer
03/25 - Ongoing	Neighborhood Traffic Calming Design, City of Pittsburgh, PA. BH was retained to perform project management, data collection, and pre-final and final construction plans for traffic calming projects on priority corridors. BH developed five traffic calming construction plans including signing and pavement marking plan. Each corridor was approximately 2,500 linear feet in length and may have a combination of the following traffic calming measures: Chicanes, Speed humps and/or tables, Pavement striping that created curb extensions with or without physical concrete sidewalk modifications, and Residential intersection traffic circles. Civil Designer
06/24 - Ongoing	SR-15 Pedestrian Safety Improvements, TDOT, Hardeman County, Bolivar, TN. This project is the design of and preparation of Plans for Pedestrian Safety Improvements along a section of SR-15 (US-64/E. Market St.) in the City of Bolivar, TN, Hardeman County. ADA compliant sidewalks, ramps, driveway aprons, drainage, signing, and pavement markings are to be included in the project. Civil Designer
11/22 - Ongoing	TDOT Local Roads Safety Initiative, Region 4, West TN. BH was selected by TDOT's Strategic Transportation Investments Division (STID) to provide engineering services within their Local Roads Safety Initiative (LRSI) program for Region 4 (West Tennessee). Work Orders under the LRSI program are issued to identify and provide improvements for deficient safety conditions present along various local routes western Tennessee. The proposed roadway and/or intersection improvements will be determined after developing traffic and crash data summaries, conducting field reviews, obtaining and documenting stakeholders' input, and analyzing additional information. Civil Designer
12/16 – 11/18	SR 62 Pedestrian/Bicycle Trail Bridge, City of Knoxville, TN. Under a separate project, BH had been selected by TDOT to revise and update right-of-way plans and prepare construction plans to widen and improve approximately 3.9 miles of SR 62 (Western Avenue) from Schaad Road to Copper Kettle Road. Once the design was completed and while the plans were under review, the City of Knoxville Greenways Department expressed the City's desire to expand their pedestrian/bicycle trail system across Western Avenue to provide connectivity from the Badgett Athletic Fields and Victor Ashe Park to the existing Third Creek Trail. To provide a safe and efficient crossing for users without disrupting traffic, a grade-separated crossing was selected. Together, the City and TDOT obtained approval to incorporate the pedestrian bridge and its ramps as a construction change order to the original widening project. BH designed the new pedestrian steel truss bridge for the City of Knoxville. The project also included design of access connections and ramps, landscaping, a retaining wall, ADA upgrades and fencing. The completed pedestrian corridor links thousands of residents in Northwest Knoxville neighbourhoods to five schools, dozens of businesses and restaurants, a dozen churches, and a handful of large-scale shopping centers. Civil Designer.

Firm employed by		 Intelligent Transportation Systems LLC	
Name	Kimberly D. McDaniel, PE, PTOE, PTP	Years of relevant experience with this employer	3.5
Title	CEO Principal	Years of relevant experience with other employer(s)	18.5
Degree(s) / Years / Specialization		Bachelor of Science / 2003 / Civil Engineering Master of Science / 2005 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: PE.0032973 / LA / Exp. 09/2027 Professional Traffic Operations Engineer: No. 2072 / National / Exp. 10/2028 Professional Transportation Planner: No. 802 / National / Exp.03/2028	
Year registered	2006	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	Kimberly McDaniel is the Principal and CEO of Intelligent Transportation Systems LLC (ITS LLC), bringing over 20 years of experience in transportation engineering. She has worked extensively as a consultant and spent six years at LADOTD where she helped shape state laws, policies, and programs on Access Management, Traffic Impact Studies, and Complete Streets. Her expertise includes traffic impact studies, safety and capacity analyses, corridor studies, access management, transportation planning, environmental assessments, and pedestrian planning. She also has experience in roadway design, including bicycle and pedestrian facilities and traffic control plans. As a project manager, Kimberly has a strong record of delivering high-quality projects on time and within budget, improving transportation infrastructure and mobility. Ms. McDaniel meets MPR No. 5.		
02/25 - Ongoing	US 190 Environmental Assessment Opelousas, Louisiana – As a sub-consultant to GEC, Inc., ITS LLC is responsible for conducting all traffic and safety analyses for the Environmental Assessment of the US 190 corridor, a couplet in historic downtown Opelousas. This study, commissioned by the Louisiana Department of Transportation and Development (LADOTD), aims to evaluate alternatives for improving the corridor, which is heavily utilized by both motorized and non-motorized users. Given its significance as a pedestrian thoroughfare and its role as part of a public transportation (bus) route, the study will place a particular emphasis on pedestrian safety and accessibility. The traffic analysis will contribute to the overall Environmental Assessment for the corridor’s potential improvements. Kimberly serves as the Principal and QA/QC Reviewer for this project.		
03/24 – 12/25	Eraste Landry Extension Scott, Louisiana – ITS LLC was contracted by C.H. Fenstermaker and Associates, LLC, to evaluate the proposed extension of Eraste Landry Road between Westgate Road and Apollo Road in the City of Scott. The traffic analysis included data collection, forecasting future trips based on zoning and known development plans, assessing future traffic conditions, projecting average daily traffic (ADT), and determining recommended intersection operations. The study also evaluated both traffic signal and roundabout alternatives to optimize traffic flow and safety. SIDRA Intersections software was used for the analysis. Kimberly served as the Engineer of Record for this study.		
06/24 - Ongoing	Slidell to Lacombe Connector Road St. Tammany Parish – ITS LLC was engaged by C.H. Fenstermaker and Associates, LLC, to analyze the feasibility of a proposed new roadway connecting LA 434 and Airport Road as part of a Stage 0 Study in St. Tammany Parish. The evaluation involved gathering traffic data, estimating future trip demand based on zoning and planned developments, analyzing projected traffic conditions, calculating average daily traffic (ADT), and assessing potential intersection operations to support long-term mobility needs. Kimberly is serving as the Engineer of Record for this study.		
02/15 – 04/20	Cane River Bridge Replacement Environmental Assessment Natchitoches Parish – As part of the Environmental Assessment (EA) for the replacement of the Cane River Bridge on Church Street, multiple future traffic scenarios and three complex detour alternatives were analyzed to minimize impacts on the historic district and surrounding areas. The study played a key role in securing the first known		

	LADOTD and FHWA “net benefit determination” for Section 4(f) properties in Louisiana. Additionally, a Finding of No Significant Impact (FONSI) document was developed and approved by FHWA and LADOTD. Kimberly served as Lead Traffic Engineer, conducting traffic analyses, contributing to the final EA and FONSI documents, and assisting with public and agency outreach efforts to ensure stakeholder engagement and regulatory compliance.
04/25 - Ongoing	St. Bernard North-South Intermodal Connector Road Project Chalmette, Louisiana – ITS LLC is performing a traffic engineering study for a proposed North–South Connector Roadway in Chalmette, connecting LA 46 and LA 39 and aligning with the relocated entrance to the St. Bernard Port, Harbor, and Terminal District. The study is evaluating projected traffic volumes on the new roadway, estimating traffic generated by anticipated land uses, and assessing the roadway’s ability to divert traffic from LA 39 (West Judge Perez Drive). The analysis will support planning efforts to improve corridor operations while facilitating future economic development opportunities. Kimberly serves as the Project Manager and is providing QA/QC on this project.
10/22 - Ongoing	Engineering Services for the Preparation of Traffic Impact Analysis Ascension Parish – ITS LLC holds a retainer contract with Ascension Parish to conduct traffic impact studies for developments seeking to locate within the Parish. When a proposed development is situated on or near a state highway, the study is conducted in full compliance with LADOTD Traffic Engineering Process and Report policies. These studies encompass data collection, traffic analyses, safety and crash evaluations, and the development of recommended mitigation measures. Analyses are performed using industry-standard software, including Highway Capacity Analysis, Synchro, SimTraffic, and SIDRA Intersection. Kimberly has served as the Engineer of Record and oversees the work of ITS LLC for the studies under this retainer contract.
05/24 - Ongoing	LA 73 at LA 30 Roundabout – Intersection Control Evaluation Ascension Parish – As part of the Move Ascension program, and a sub-consultant to GEC, Inc., an Intersection Control Evaluation (ICE) was conducted to assess safety and operational improvements at the intersection of LA 73 and LA 30. The study analyzed stop control, signalization, and a roundabout to address congestion, heavy turning movements, and crash risks, particularly during industrial shift changes. Kimberly is serving as the Project Manager for this study.
10/23 – 02/25	North Perkins Ferry Road Calcasieu Parish – North Perkins Ferry Road is a corridor of approximately 2.6 miles in length in northern Calcasieu Parish with a documented history of crashes and congestion. ITS LLC was contracted by the Parish to perform a comprehensive corridor study including data collection, intersection analyses, and crash and safety analysis. Both short-term and long-term improvements were developed. A Stage 0 Report was developed for a segment of the corridor between Coffey Road and Joe Miller Road for the potential implementation of a roundabout. Kimberly served as the Engineer of Record and Project Manager and oversaw all work on this project.
05/24 – 12/25	Lobdell Pedestrian Improvements Baton Rouge, Louisiana – As part of the MoveBR Program, ITS LLC was contracted to conduct a Design Study and develop improvement plans for the intersections of Goodwood Avenue and Seven Oaks Avenue with Lobdell Boulevard. The intersection of Goodwood at Lobdell is signalized with an existing right-turn slip lane, while Goodwood at Seven Oaks is non-signalized. Both intersections are frequently used by pedestrians, and the project aims to improve crosswalk safety and accessibility. The study has evaluated alternatives such as rectangular rapid flashing beacons (RRFB), HAWK signals, and Pedestrian Hybrid Beacons (PHB) to enhance pedestrian safety. The study determined a PHB to be the most effective alternative, ITS LLC developed the design and construction plans for the implementation of two PHBs. Kimberly serves as the Project Manager and Engineer of Record for this project.

Firm employed by		 Intelligent Transportation Systems LLC	
Name	Jonathan N. Fox, PE, PTOE, PMP	Years of relevant experience with this employer	11
Title	Principal	Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		Bachelor of Science / 2003 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: PE.0033277 / LA / Exp. 09/2027 Professional Traffic Operations Engineer: No. 2329 / National / Exp. 11/2028 Project Management Professional: No. 1812148 / National / Exp.04/2027	
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
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).		
	Jonathan has over 25 years of experience in traffic engineering and intelligent transportation systems. He currently serves as Principal at Intelligent Transportation Systems LLC (ITS LLC). His background includes traffic studies and assessments, traffic signal design, and ITS systems engineering and architecture. Jonathan’s ITS-related experience includes system diagnostics and troubleshooting, system testing, management and operations, and systems maintenance. He led the design and implementation of the first adaptive traffic signal system in Louisiana and continues to be a leader in this specialty. Jonathan’s varied experiences in design, ITS, traffic engineering, and program management make him an asset to the team managing the ITS ME&I program development and implementation. Jonathan is a recognized leader in the application and implementation of advanced innovative technologies in traffic monitoring and control. Mr. Fox meets MPR No. 5.		
05/25 – Ongoing	Lafayette Consolidated Government – Traffic Video Detection System Lafayette, Louisiana – ITS LLC has been part of the LCG’s upgrade of 10 traffic signalized intersections to AI based video detection, which is a new technology for traffic signal operations. As part of the project, Jonathan has been instrumental in the detection system material delivery, bench testing, verifying operation, troubleshooting and support coordination between the client, controller/cabinet manufacturer and the AI video detection systems (Derg Inc.) engineering team. This is LCG’s first corridor deployment using AI video detection and configuration and hardware adjustments have been required to optimize the performance to help ensure the signal operation, as well as the accuracy of the collected traffic data and safety analytic events.		
07/24 – 09/25	H.012288.5 District 02 Flashing Yellow Arrow Part I Houma, Louisiana – ITS LLC was responsible for inspecting 22 traffic signals as part of the existing conditions analysis, which included developing inventories, completing forms, capturing photographs, and collecting relevant data. Additionally, ITS LLC is leading the design of upgrades at seven intersections, which involves implementing Flashing Yellow Arrow (FYA) technology to improve traffic flow and safety. The design included upgrading signal equipment and control to optimize operations and enhance driver awareness. Jonathan provided QA/QC oversight.		
08/22 – 12/22	H.003931 I-10 Calcasieu River Bridge P3 – ITS LLC served as an ITS and network consultant on the proposal for the I-10 Calcasieu River Bridge P3 project. Jonathan was able to help support the proposing team with preliminary design plans and support specific to his knowledge on the fiber optic communications that would be utilized for toll system and ITS network connectivity to both the LADOTD district office as well as the concessioner’s facilities.		
08/15 – 07/19	SASOL Lake Charles Chemical Project – Adaptive Traffic Signal Systems Westlake – ITS LLC was responsible for new traffic signal designs, upgrades, communication design, and integration. He oversaw developing traffic signal plans, simulation models, communication layouts, network design, surveillance, travel time management, and permit applications. Six of these intersection upgrades were integrated by Jonathan’s team as the first Adaptive Traffic Signal System deployed in the state of Louisiana (System A). Jonathan oversaw the design, implementation and integration of the Sasol System B (LA 108 signal corridor) as well as LA 27 (Beglis Rd.)		

	at LA 379 (Houston Rive Rd.). These were constructed and the adaptive functionality was turned on in July of 2019. These intersection designs used stop bar and setback radar detection as well as wireless and cellular communications. Efforts for Sasol also included design and construction support for a temporary traffic signal on Old Spanish Trail at Prater Road. Jonathan served as the Engineer of Record for this project.
06/18 – 07/19	US 90 Adaptive Corridor Westlake – Designs included preparing updated traffic signal inventory (TSI) forms as well as communications in support of two isolated traffic signals. Equipment included in the design consisted of new radar detection and unlicensed wireless communications. Jonathan oversaw the integration of the intersections into the adaptive system in Lake Charles. Jonathan served as the Engineer of Record for this project.
12/14 – Ongoing	LADOTD ITS Maintenance IDIQ Statewide – ITS LLC supports the statewide LADOTD ITS Maintenance Program in a subconsultant role, providing technical and program management assistance for more than 500 ITS sites. Services include site evaluations, quality control reviews, asset management support, and development of system improvement concepts to help ensure reliable ITS operations, efficient maintenance, and effective traveler information delivery across Louisiana. Jonathan serves as the Principal and QA/QC Manager for this project.
01/07 – 11/10	I-12 Ramp Metering Design and Implementation East Baton Rouge Parish – Jonathan was responsible for signal layout design support, quality control, and fiber optic communications design for 16 ramp meters in the Baton Rouge area, including plan layouts, fiber allocations, and technical specification. He also handled construction administration, fiber inspection, fiber test review, and integration coordination. This was the first implementation of ramp metering in the state. Jonathan was the Project Manager and Engineer of Record for this project.
05/13 – 12/13	Toll Collection Traffic Analyst – Jonathan served as the project manager for supplementing LADOTD's Crecent City Connection (CCC) toll collection staff. His efforts included advertising, interviewing, and hiring staff to work the backend toll collection violation assessment processing which had been backlogged and had to be completed for the ending of the tolls. Staff demand fluctuated as backlog was completed, and Jonathan assessed and helped relocate toll collection analysts into available traffic management center operations rolls when appropriate.
12/12 – 12/14	Baton Rouge ITS Phase 3 Baton Rouge, Louisiana – Jonathan was responsible for the System Engineering Analysis (SEA) document for the project in compliance with the FHWA Rule (23 CFR Part 940.11) to determine project scope and analyze implementation constraints including minimizing the impact of construction on the traveling public and using existing fiber optic communications. Several ITS deployment projects were solely focused on the core urban area leaving gaps in coverage. The solution to meet the LADOTD's goal of the Baton Rouge ITS Phase 3 Project was to supplement the area with sixteen additional closed circuit television video cameras, five dynamic message sign sites, one HUB site, 30 Bluetooth detection sites, one travel time message sign (first in the state), and eight ramp meters that cover five parishes over 50 miles to help with blind areas. He led the development of the plan set from conception to final plans. Jonathan served as the Project Manager and Engineer of Record for this project.
11/12 – 12/14	H.010138 Sunshine Bridge ITS Deployment Sorrento – Jonathan managed all tasks from system engineering through deployment of final design package. He oversaw the development of the project level SEA for the deployment of a closed-circuit television camera system along LA 22 and LA 70 including the Sunshine Mississippi River Bridge. He also oversaw the analysis report, developed plans, specifications, and provided cost estimates. Jonathan served as the Project Manager and Engineer of Record for this project.

Firm employed by		 Intelligent Transportation Systems LLC	
Name	Diane Callahan Hammonds, PE, PTOE, RSP¹	Years of relevant experience with this employer	3.5
Title	Principal	Years of relevant experience with other employer(s)	21.5
Degree(s) / Years / Specialization		Bachelor of Science / 2002 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: PE.0040749 / LA / Exp. 09/2026 Professional Traffic Operations Engineer: No. 4113 / National / Exp. 12/2028 Road Safety Professional – Level 1: No. 798 / National / Exp.03/2028	
Year registered	2015	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
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).		
	Diane Hammonds, currently serves ITS LLC as a Principal. She has over 25 years of experience in traffic engineering specializing in Traffic/Transportation Engineering and Transportation Planning projects including traffic impact assessments, traffic signal design, traffic simulation modeling, access management reviews, safety studies, traffic control plans, roundabout analysis and design as well as permit reviews and coordination. Ms. Hammonds has successfully completed hundreds of traffic and transportation studies. Her unique skills in bringing both the client and reviewing agency to agreement on the final product is an asset to the projects she is involved in. Diane has completed training and certification for the LADOTD Traffic Engineering Process and Reports (Parts I, II, and III) and other continuing education courses and training in HCS, Synchro, Roundabouts and the HSM and is proficient in Synchro, SimTraffic, HCS, VISTRO, SIDRA, Louisiana Crash Tool (formerly CRASH 1 and CRASH 3) and Microstation. Diane holds national certifications as a Professional Traffic Operations Engineer (PTOE) and Road Safety Professional (RSP ¹). Ms. Hammonds meets MPR No. 5.		
02/25 – Ongoing	US 190 Environmental Assessment Opelousas, Louisiana – As a sub-consultant to GEC, Inc., ITS LLC is responsible for conducting all traffic and safety analyses for the Environmental Assessment of the US 190 corridor, a couplet in historic downtown Opelousas. This study, commissioned by the Louisiana Department of Transportation and Development (LADOTD), aims to evaluate alternatives for improving the corridor, which is heavily utilized by both motorized and non-motorized users. Given its significance as a pedestrian thoroughfare and its role as part of a public transportation (bus) route, the study will place a particular emphasis on pedestrian safety and accessibility. The traffic analysis will contribute to the overall Environmental Assessment for the corridor’s potential improvements. Diane serves as the Project Manager and Engineer of Record for this project.		
06/24 – Ongoing	Slidell to Lacombe Connector Road St. Tammany Parish – ITS LLC was engaged by C.H. Fenstermaker and Associates, LLC, to analyze the feasibility of a proposed new roadway connecting LA 434 and Airport Road as part of a Stage 0 Study in St. Tammany Parish. The evaluation involved gathering traffic data, estimating future trip demand based on zoning and planned developments, analyzing projected traffic conditions, calculating average daily traffic (ADT), and assessing potential intersection operations to support long-term mobility needs. Diane is performing QA/QC and technical guidance for this project.		
02/15 – 04/20	Cane River Bridge Replacement Environmental Assessment Natchitoches Parish – As part of the Environmental Assessment (EA) for the replacement of the Cane River Bridge on Church Street, multiple future traffic scenarios and three complex detour alternatives were analyzed to minimize impacts on the historic district and surrounding areas. The study played a key role in securing the first known LADOTD and FHWA “net benefit determination” for Section 4(f) properties in Louisiana. Additionally, a Finding of No Significant Impact (FONSI) document was developed and approved by FHWA and LADOTD. Diane provided QA/QC and technical guidance for this project.		
03/24 – 12/25	Eraste Landry Extension Scott, Louisiana – ITS LLC was contracted by C.H. Fenstermaker and Associates, LLC, to evaluate the proposed extension of Eraste Landry Road between Westgate Road and Apollo Road in the City of Scott. The traffic analysis included data collection, forecasting future trips based on zoning and known development plans, assessing future traffic conditions, projecting average		

	daily traffic (ADT), and determining recommended intersection operations. The study also evaluated both traffic signal and roundabout alternatives to optimize traffic flow and safety. SIDRA Intersections software was used for the analysis. Diane provided QA/QC and technical guidance.
04/25 – Ongoing	St. Bernard North-South Intermodal Connector Road Project Chalmette, Louisiana – ITS LLC is performing a traffic engineering study for a proposed North–South Connector Roadway in Chalmette, connecting LA 46 and LA 39 and aligning with the relocated entrance to the St. Bernard Port, Harbor, and Terminal District. The study is evaluating projected traffic volumes on the new roadway, estimating traffic generated by anticipated land uses, and assessing the roadway’s ability to divert traffic from LA 39 (West Judge Perez Drive). The analysis will support planning efforts to improve corridor operations while facilitating future economic development opportunities. Diane serves as the Project Manager and Engineer of Record for this project.
03/23 – Ongoing	On-Call Traffic Engineering Services Tangipahoa Parish – ITS LLC provides on-call traffic engineering support to Tangipahoa Parish under an hourly-rate, as-needed contract. The firm reviews traffic impact studies (TIS) submitted by developers, ensuring accuracy and compliance with local regulations. ITS LLC also assists in scoping studies, evaluating mitigation measures, and advising Parish leadership on development-related traffic concerns. Beyond TIS reviews, ITS LLC supports the Parish with corridor evaluations, signal timing, safety and crash analyses, and other transportation planning efforts, helping manage growth while maintaining safe and efficient roadways. Diane serves as the Engineer of Record for this project.
05/24 - Ongoing	LA 73 at LA 30 Roundabout – Intersection Control Evaluation Ascension Parish – As part of the Move Ascension program, as a sub-consultant to GEC, Inc., an Intersection Control Evaluation (ICE) was conducted to assess safety and operational improvements at the intersection of LA 73 and LA 30. The study analyzed stop control, signalization, and a roundabout to address congestion, heavy turning movements, and crash risks, particularly during industrial shift changes. Diane is performing QA/QC and technical guidance.
10/22 – Ongoing	Engineering Services for the Preparation of Traffic Impact Analysis Ascension Parish – ITS LLC holds a retainer contract with Ascension Parish to conduct traffic impact studies for developments seeking to locate within the Parish. When a proposed development is situated on or near a state highway, the study is conducted in full compliance with LADOTD Traffic Engineering Process and Report policies. These studies encompass data collection, traffic analyses, safety and crash evaluations, and the development of recommended mitigation measures. Analyses are performed using industry-standard software, including Highway Capacity Analysis, Synchro, SimTraffic, and SIDRA Intersection. Diane has serves as Principal and QA/QC reviewer for the studies under this retainer contract.
11/24 – 06/25	LA 74 Intersection Improvements Ascension Parish – As part of the Move Ascension Program, ITS LLC (as a subconsultant to Buchart Horn) was tasked with assessing the implementation of turn lanes at the intersections of LA 74 with L Landry Road and Chester Diez Road in Ascension Parish. The study included performing turn lane warrants at both intersections along with traffic analysis to assess the operations of the roadway with and without the implementation of turn lanes. Recommendations were developed for the addition of turn lanes at both intersections. Diane served as the Engineer of Record overseeing all work.
10/23 – 02/25	North Perkins Ferry Road Calcasieu Parish – North Perkins Ferry Road is a corridor of approximately 2.6 miles on length in northern Calcasieu Parish with a documented history of crashes and congestion. ITS LLC was contracted by the Parish to perform a comprehensive corridor study including data collection, intersection analyses, and crash and safety analysis. Both short-term and long-term improvements were developed. A Stage 0 Report is being developed for a segment of the corridor between Coffey Road and Joe Miller Road for the potential implementation of a roundabout. Diane has served as Principal and QA/QC reviewer.
01/22 – 05/22	Traffic Signal – LA-433 at Town Center Parkway St. Tammany Parish – Diane served as the Engineer of Record and Lead Traffic Engineer for an Intersection Control Evaluation (ICE) analysis for the intersection of LA-433 (Old Spanish Trail) at Town Center Parkway. The scope of services included traffic engineering analyses, traffic signal design, and permit assistance as required by the LADOTD Traffic Engineering Process and Report (TEPR) guidelines. The evaluation included an MUTCD 2009 Edition Traffic Signal Warrant Evaluation, a crash review for a three (3) year period that included diagrams, locations, and summaries, an existing operating analysis, and an alternative intersection control analysis for a traffic signal, an all-way stop, a roundabout, an R-Cut, and median UTurns.

Firm employed by		 Intelligent Transportation Systems LLC	
Name	Colin J. Francis, PE	Years of relevant experience with this employer	3.5
Title	Assistant Project Manager	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		Bachelor of Science / 2021 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: PE.0051235 / LA / Exp. 09/2026	
Year registered	2026	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	Colin Francis is a Professional Engineer at ITS LLC with over five years of combined experience as a student intern and post-graduate Engineer Intern. He has contributed to a wide range of transportation projects, including traffic impact studies, safety analyses, and traffic signal design, assisting in data collection, analysis, and report preparation. Colin has successfully completed the LADOTD Traffic Engineering Process and Report training, equipping him with a strong understanding of traffic engineering principles. He also holds certifications as an ATSSA Traffic Control Technician and Supervisor, as well as an IMSA Level 1 Signal Technician, demonstrating his expertise in traffic signal operations, roadway safety, and traffic management solutions.		
02/25 – Ongoing	US 190 Environmental Assessment Opelousas, Louisiana – As a sub-consultant to GEC, Inc., ITS LLC is responsible for conducting all traffic and safety analyses for the Environmental Assessment of the US 190 corridor, a couplet in historic downtown Opelousas. This study, commissioned by the Louisiana Department of Transportation and Development (LADOTD), aims to evaluate alternatives for improving the corridor, which is heavily utilized by both motorized and non-motorized users. Given its significance as a pedestrian thoroughfare and its role as part of a public transportation (bus) route, the study will place a particular emphasis on pedestrian safety and accessibility. The traffic analysis will contribute to the overall Environmental Assessment for the corridor’s potential improvements. Colin serves as an engineer intern working under a Professional Engineer.		
10/22 – Ongoing	Engineering Services for the Preparation of Traffic Impact Analysis Ascension Parish – ITS LLC holds a retainer contract with Ascension Parish to conduct traffic impact studies for developments seeking to locate within the Parish. When a proposed development is situated on or near a state highway, the study is conducted in full compliance with LADOTD Traffic Engineering Process and Report policies. These studies encompass data collection, traffic analyses, safety and crash evaluations, and the development of recommended mitigation measures. Analyses are performed using industry-standard software, including Highway Capacity Analysis, Synchro, SimTraffic, and SIDRA Intersection. Colin has contributed to multiple task orders, assisting in various aspects of the analysis and reporting process under the direct supervision of a Professional Engineer.		
03/24 – 12/25	Eraste Landry Extension Scott, Louisiana – ITS LLC was contracted by C.H. Fenstermaker and Associates, LLC, to evaluate the proposed extension of Eraste Landry Road between Westgate Road and Apollo Road in the City of Scott. The traffic analysis included data collection, forecasting future trips based on zoning and known development plans, assessing future traffic conditions, projecting average daily traffic (ADT), and determining recommended intersection operations. The study also evaluated both traffic signal and roundabout alternatives to optimize traffic flow and safety. SIDRA Intersections software was used for the analysis. Colin performed trip generation, intersection analysis, and ADT estimations under the supervision of a Professional Engineer.		
04/25 - Ongoing	St. Bernard North-South Intermodal Connector Road Project Chalmette, Louisiana – ITS LLC is performing a traffic engineering study for a proposed North–South Connector Roadway in Chalmette, connecting LA 46 and LA 39 and aligning with the relocated entrance to the St. Bernard Port, Harbor, and Terminal District. The study is evaluating projected traffic volumes on the new roadway, estimating traffic generated by anticipated land uses, and assessing the roadway’s ability to divert traffic from LA 39 (West Judge Perez Drive). The		

	analysis will support planning efforts to improve corridor operations while facilitating future economic development opportunities. Colin is assisting with the traffic analysis and QA/QC under the supervision of a Professional Engineer.
10/23 – 02/25	North Perkins Ferry Road Calcasieu Parish – North Perkins Ferry Road is a corridor of approximately 2.6 miles in length in northern Calcasieu Parish with a documented history of crashes and congestion. ITS LLC was contracted by the Parish to perform a comprehensive corridor study including data collection, intersection analyses, and crash and safety analysis. Both short term and long term improvements were developed. A Stage 0 Report was being developed for a segment of the corridor between Coffey Road and Joe Miller Road for the potential implementation of a roundabout. Colin performed traffic analysis under the supervision of a Professional Engineer.
07/23 – 10/24	Prater Road Signalization Study Project Lake Charles, Louisiana – The Calcasieu Parish Police Jury selected ITS LLC to conduct a comprehensive study of the intersections at Prater Road with Maplewood Drive and Pete Manena Road. The study involved performing signal warrant analyses to assess the need for traffic signals at both intersections, as well as crash analyses to identify safety concerns and patterns. The findings of the study confirmed that traffic signals were warranted at both locations. However, recommendations for adjustments to signal timings and other operational improvements were also made to enhance traffic flow and safety. Colin played a key role in the project by performing field observations, conducting the signal warrant analyses, and carrying out safety analyses for both intersections. All of his work was conducted under the guidance and supervision of a Professional Engineer.
07/24 – 09/25	H.012288.5 District 02 Flashing Yellow Arrow Part I Houma, Louisiana – ITS LLC, as a subconsultant to Gresham Smith, was responsible for inspecting 22 traffic signals as part of the existing conditions analysis, which includes developing inventories, completing forms, capturing photographs, and collecting relevant data. Additionally, ITS LLC led the design of upgrades at seven intersections, which involved implementing Flashing Yellow Arrow (FYA) technology to improve traffic flow and safety. The design included upgrading signal equipment and control to optimize operations and enhance driver awareness. Colin coordinated all field work to inventory the 22 traffic signals and performed the design of the improvements under the supervision of a Professional Engineer.
05/24 – 12/25	Lobdell Pedestrian Improvements Baton Rouge, Louisiana – As part of the MovEBR Program, ITS LLC was contracted to conduct a Design Study and develop improvement plans for the intersections of Goodwood Avenue and Seven Oaks Avenue with Lobdell Boulevard. The intersection of Goodwood at Lobdell is signalized with an existing right-turn slip lane, while Goodwood at Seven Oaks is non-signalized. Both intersections are frequently used by pedestrians, and the project aims to improve crosswalk safety and accessibility. The study has evaluated alternatives such as rectangular rapid flashing beacons (RRFB), HAWK signals, and Pedestrian Hybrid Beacons (PHB) to enhance pedestrian safety. The study determined a PHB to be the most effective alternative, ITS LLC developed the design and construction plans for the implementation of two PHBs. Colin is contributing to the project by assisting in the development of the design study and designing the proposed improvements, all under the guidance of a Professional Engineer.
05/22 - Ongoing	LADOTD ITS Maintenance IDIQ Statewide – ITS LLC supports the statewide LADOTD ITS Maintenance Program in a subconsultant role, providing technical and program management assistance for more than 500 ITS sites. Services include site evaluations, quality control reviews, asset management support, and development of system improvement concepts to help ensure reliable ITS operations, efficient maintenance, and effective traveler information delivery across Louisiana. Colin serves as a field engineer in support of the work on this contract.

Firm employed by		 Intelligent Transportation Systems LLC	
Name	Benjamin J. Key, EI	Years of relevant experience with this employer	1.5
Title	Engineer Intern	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		Bachelor of Science / 2016 / Mechanical Engineering	
Active registration number / state / expiration date		Engineering Intern: EI.0036001 / LA / Exp. 09/2027	
Year registered	2025	Discipline	N/A
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
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).		
	Benjamin Key is an Engineer Intern at ITS LLC with over eight years of combined experience as a student intern and graduate engineer. He has contributed to a variety of transportation projects, including traffic impact studies, safety analyses, and traffic signal design, assisting in data collection, analysis, and report preparation. Benjamin has successfully completed the LADOTD Traffic Engineering Process and Report training, equipping him with a strong understanding of traffic engineering principles.		
03/24 – 12/25	Eraste Landry Extension Scott, Louisiana – ITS LLC was contracted by C.H. Fenstermaker and Associates, LLC, to evaluate the proposed extension of Eraste Landry Road between Westgate Road and Apollo Road in the City of Scott. The traffic analysis included data collection, forecasting future trips based on zoning and known development plans, assessing future traffic conditions, projecting average daily traffic (ADT), and determining recommended intersection operations. The study also evaluated both traffic signal and roundabout alternatives to optimize traffic flow and safety. Benjamin contributed to the project by performing trip generation, intersection analysis, and ADT estimations under the supervision of a Professional Engineer.		
02/25 – Ongoing	US 190 Environmental Assessment Opelousas, Louisiana – As a sub-consultant to GEC, Inc., ITS LLC is responsible for conducting all traffic and safety analyses for the Environmental Assessment of the US 190 corridor, a couplet in historic downtown Opelousas. This study, commissioned by the Louisiana Department of Transportation and Development (LADOTD), aims to evaluate alternatives for improving the corridor, which is heavily utilized by both motorized and non-motorized users. Given its significance as a pedestrian thoroughfare and its role as part of a public transportation (bus) route, the study will place a particular emphasis on pedestrian safety and accessibility. Benjamin has assisted in developing the comprehensive data collection plan, which includes detailed strategies for observing pedestrian movements throughout the corridor, focusing on both individuals using marked crosswalks and those crossing outside designated areas.		
06/24 – Ongoing	Slidell to Lacombe Connector Road St. Tammany Parish – ITS LLC was engaged by C.H. Fenstermaker and Associates, LLC, to analyze the feasibility of a proposed new roadway connecting LA 434 and Airport Road as part of a Stage 0 Study in St. Tammany Parish. The evaluation involved gathering traffic data, estimating future trip demand based on zoning and planned developments, analyzing projected traffic conditions, calculating average daily traffic (ADT), and assessing potential intersection operations to support long-term mobility needs. Benjamin assisted in the study by conducting trip generation analyses, intersection evaluations, and ADT projections under the guidance of a Professional Engineer.		
04/24 - Ongoing	St. Bernard North-South Intermodal Connector Road Project Chalmette, Louisiana – ITS LLC is performing a traffic engineering study for a proposed North–South Connector Roadway in Chalmette, connecting LA 46 and LA 39 and aligning with the relocated entrance to the St. Bernard Port, Harbor, and Terminal District. The study is evaluating projected traffic volumes on the new roadway, estimating traffic generated by anticipated land uses, and assessing the roadway’s ability to divert traffic from LA 39 (West Judge Perez Drive). The		

	analysis will support planning efforts to improve corridor operations while facilitating future economic development opportunities. Benjamin is performing trip generation, intersection and corridor analysis, and ADT estimations under the supervision of a Professional Engineer.
10/22 - Ongoing	Engineering Services for the Preparation of Traffic Impact Analysis Ascension Parish – ITS LLC holds a retainer contract with Ascension Parish to conduct traffic impact studies for developments seeking to locate within the Parish. When a proposed development is situated on or near a state highway, the study is conducted in full compliance with LADOTD Traffic Engineering Process and Report policies. These studies encompass data collection, traffic analyses, safety and crash evaluations, and the development of recommended mitigation measures. Analyses are performed using industry-standard software, including Highway Capacity Analysis, Synchro, SimTraffic, and SIDRA Intersection. Benjamin has contributed to multiple task orders under the direct supervision of a Professional Engineer.
11/24 – 06/25	LA 74 Intersection Improvements Ascension Parish – As part of the Move Ascension Program, ITS LLC (as a subconsultant to Buchart Horn) was tasked with assessing the implementation of turn lanes at the intersections of LA 74 with L Landry Road and Chester Diez Road in Ascension Parish. The study included performing turn lane warrants at both intersections along with traffic analysis to assess the operations of the roadway with and without the implementation of turn lanes. Recommendations were developed for the addition of turn lanes at both intersections. Benjamin contributed to the assessment of turn lanes as part of this project and under the supervision of a Professional Engineer.
07/24 – 09/25	H.012288.5 District 02 Flashing Yellow Arrow Part I Houma, Louisiana – ITS LLC, as a sub-consultant to Gresham Smith, was responsible for inspecting 22 traffic signals as part of the existing conditions analysis, which includes developing inventories, completing forms, capturing photographs, and collecting relevant data. Additionally, ITS LLC led the design of upgrades at seven intersections, which involved implementing Flashing Yellow Arrow (FYA) technology to improve traffic flow and safety. The design included upgrading signal equipment and control to optimize operations and enhance driver awareness. Benjamin assisted with the field work to inventory the 22 traffic signals, helped develop the documentation resulting from this inventory, and assisted with the design of the improvements under the supervision of a Professional Engineer.
05/24 – 12/25	Lobdell Pedestrian Improvements Baton Rouge, Louisiana – As part of the MovEBR Program, ITS LLC was contracted to conduct a Design Study and develop improvement plans for the intersections of Goodwood Avenue and Seven Oaks Avenue with Lobdell Boulevard. The intersection of Goodwood at Lobdell is signalized with an existing right-turn slip lane, while Goodwood at Seven Oaks is non-signalized. Both intersections are frequently used by pedestrians, and the project aims to improve crosswalk safety and accessibility. The study has evaluated alternatives such as rectangular rapid flashing beacons (RRFB), HAWK signals, and Pedestrian Hybrid Beacons (PHB) to enhance pedestrian safety. The study determined a PHB to be the most effective alternative, ITS LLC developed the design and construction plans for the implementation of two PHBs. Benjamin is assisted with the design study and designing the proposed improvements all under the guidance of a Professional Engineer.

Firm employed by		 T. Baker Smith, LLC	
Name	Jean L. Reulet, III, PLS	Years of relevant experience with this employer	5
Title	Lead Professional, Transportation Survey	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		Bachelor of Science / 2011 / Geomatics	
Active registration number / state / expiration date		Professional Land Surveyor: PLS.5145 / LA / Exp. 03/2028	
Year registered	2015	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities.		Surveying, ROW, and SUE	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	Jean Reulet, III, PLS serves as TBS’ Surveying Lead Professional of Transportation. His field experience for LADOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana. He has participated in all stages of a Topographic Survey from field data collection to final deliverables preparation according to the LADOTD’s Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. In addition, Jean is experienced in LADOTD contract management and task order negotiations. Jean is also well versed in the use of LiDAR for data acquisition purposes, providing a safer alternative for collecting large amounts of data in highly trafficked or congested environments. Mr. Reulet meets MPR No. 4.		
02/23 – 03/23	Kenner Discovery Sidewalks; City of Kenner/LADOTD; Jefferson Parish, LA – Project Manager/Surveyor of Record. Coordinated field crews, performed site visits, processed survey data, reviewed project deliverables, drafted utilities from records, and established the location of the existing rights-of-way of Vintage Drive and Loyola Drive. Managed mark-ups, alignments, and drawing revisions to support accurate topographic survey production and ensure seamless communication between design teams and survey operations.		
12/23 – 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD; St. Tammany Parish, Madisonville, LA – Surveyor of Record. Oversaw the completion of a topographic survey and property survey for the design and construction of a roundabout. Coordinated with survey crews and project technicians throughout the collection and review of topographic data and utility information. Performed QAQC and Deliverables preparation.		
11/21 – Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA – Project Manager/Surveyor of Record. Jean serves as the project manager and surveyor of record for this Surveying Services IDIQ. He is responsible for manhour estimate preparation and contract negotiations. Jean coordinates with private landowners, railroads, and other entities to obtain right-of entry prior to survey commencement. He oversees the topographic data collection and processing, utility research, and drainage map development. He also provides QAQC and ensures delivery according to project schedule. To date, Jean has successfully completed five task orders (H.009892, H.014414, H.015587, H.016324, H.016326) with four more currently active (H.009892, H.016322, H.016323, H.016333).		
09/25 - Ongoing	S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.); City of Kenner/LADOTD; Kenner, LA – Survey Project Manager. Jean served as the survey project manager for the resurfacing of Westbound Vintage Drive in Kenner, LA. He was responsible for scope development and contract negotiations. Jean oversaw the collection of topographic data across the mile-long corridor, provided QAQC, and prepared deliverables. Survey is complete.		
05/24 – Ongoing	S.P. H.015554 Loyola DR: 31st – W Loyola Resurface; City of Kenner/LADOTD; Kenner, LA - Survey Project Manager. Jean served as the survey project manager for the resurfacing of Loyola Drive from 31st St. to W Loyola Dr in Kenner, LA. He was responsible for scope development and contract negotiations. Jean oversaw the collection of topographic data including existing ADA ramps and pedestrian crossings across the 3,000’ corridor and provided QAQC. Survey is complete.		
09/21 – 01/23	Contract 44-17598, Rural Bridge Replacement Initiative, Ph I (47 bridge structures); LADOTD; Districts 04, 05, 08, 58 - Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and		

	right of way surveys for the replacement of 47 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges.
07/21 – 02/24	Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04, 05 - Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 40 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges.
06/23 – Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - Sr. Project Manager/Surveyor of Record. Oversaw the completion of topographic surveys and right of way maps for the replacement of 12 bridges. Responsible for field crew coordination, project QA/QC, title research, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards. Data was captured to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces.
11/23 – 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA - Surveyor of Record. Oversaw the completion of a topographic survey for the design and construction of a roundabout. Coordinated with survey crews and project technicians throughout the collection and review of topographic data and utility information. Performed QAQC and Deliverables preparation.
07/24 – 09/25	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Project Manager. Jean was responsible for scope development, manhour estimate preparation, and contract negotiations. Jean coordinated with private landowners and other entities to obtain right-of-entry prior to survey commencement. He oversaw topographic and hydraulic data collection, data processing, utility research, and property survey development. He also provided QAQC.
02/15 – 04/16	H.011137 and H.011152 I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA - Sr. Project Manager. Performed a Topographic Survey for the widening of approximately 9 miles of I-12 in St. Tammany Parish, LA including 4 interstate overpasses and the bridge over the Tchefuncte River. Coordinated with field crews, technicians, and Subsurface Utility Engineering consultant. Provided QAQC and assisted in Deliverables preparation.
03/17 – 04/18	S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA - Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for the widening of a 3 mile portion of US 190 in Covington, LA including the bridge replacement over the Bogue Falaya River. DTM width was approximately 300ft.
08/19 – 11/19	H.005121.5 LA 1 / LA 415 Connector; LADOTD; West Baton Rouge Parish, LA - Senior Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic survey for construction of a connector Road between LA 415 and LA 1. This project included a hydrographic Survey of a portion of the Intracoastal Waterway.

Firm employed by		 T. Baker Smith, LLC	
Name	Jeremy J. Cormier, PLS	Years of relevant experience with this employer	<1
Title	Project Manager, Survey	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		Bachelor of Science / 2008 / Business Management	
Active registration number / state / expiration date		Professional Land Surveyor: PLS.5342 / LA / Exp. 09/2026	
Year registered	2023	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities.		Surveying, ROW, and SUE	
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).		
	Jeremy Cormier, PLS has experience in managing field crews and performing office work on on-system LADOTD Topographic Surveys. He has performed CAD work and assisted in project management over 10 task orders under 3 separate Topographic IDIQ Contracts with LADOTD. Mr. Cormier will serve as Topographic Task Lead during this contract, and in that role he will assist the Project Manager in supervising all field and office work performed on task orders. He will also assist the Project Manager in estimating task orders and producing project deliverables ahead of any project deadlines. Mr. Cormier will be responsible for performing the initial layer of QA/QC through all phases of each task order, including the final project deliverables. His responsibilities also include training both office and field staff to ensure LADOTD standards are met on a task order.		
08/25 – Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA – Project Surveyor. Jeremy serves as the project surveyor for this Surveying Services IDIQ. He assists in development of man hour estimates. Jeremy coordinates with survey crews throughout the duration of the survey. He assists in the review of the topographic data collection and processing, utility research, and drainage map development. He also provides QAQC and ensures delivery according to project schedule.		
03/20 – 12/22	H.003931 Calcasieu River Bridge Replacement; LADOTD; Lake Charles, LA – Project Manager. Responsible for providing topographic and property surveying services for the I-10 Calcasieu Bridge Replacement. The project is in a combination of dense urban area and interstate system and is approximately 7 miles. Completed terrestrial & mobile LiDAR and conventional topographic data to replace the current bridge.		
09/25 – Ongoing	S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.); City of Kenner/LADOTD; Kenner, LA – Project Surveyor. Jeremy served as the project surveyor for the resurfacing of Westbound Vintage Drive in Kenner, LA. He was responsible for the oversight of field crews, topographic data processing, analysis and QAQC of lidar data, and deliverables preparation. Survey is complete.		
09/25 – Ongoing	OLHC Bridge Bundle 8; Office of Louisiana Highway Construction; Statewide, Louisiana - Project Manager. T. Baker Smith serves as the prime consultant for OLHC’s 2026 Bridge Bundle Program, delivering comprehensive engineering, surveying, and construction support services for nine bridge replacement projects across Districts 02, 61, and 62. Responsible for topographic surveying and right-of-way establishment that included field investigations for existing right-of-way determination.		
02/19 – 04/25	H.004273.5 – I-49 Connector; LADOTD; Lafayette Parish, LA – Survey CAD Technician. Responsible for providing topographic and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. completed terrestrial LiDAR scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.		
06/20 – 03/22	H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990 - Rural Bridge Replacement Initiative Phase I, 7 State Project Numbers (22 Bridge Sites); LADOTD; Districts 04, 05, 08 and 58 (4400017598) – Survey CAD Technician. Responsible for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping.		

06/21 – 04/25	H.014219, H.014222, H.014228, H.014231 and H.014236 – Rural Bridge Replacement Initiative Phase II, 5 State Project numbers (20 Bridge Sites); LADOTD; Districts 04 and 05 (4400019336) – Survey CAD Technician. Responsible for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping.
08/19 – 10/19	H.011670- I-10/Loyola Interchange Improvements; City of Kenner/LADOTD; Kenner, LA - Survey CAD Technician. Provided Topographic Survey, Right- of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule.
08/23 – 04/25	H.015547, H.015548, H.015549, H.015341, H.015551, H.015552, H.015545, H.015550, H.015544, H.015553- Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program, 10 State Project Numbers (13 Bridge Sites); LADOTD; District 61 (4400025029) – Survey CAD Technician. Responsible for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping.
06/18 – 12/19	H.012393- LA 98: Roundabout at Mills St., Lafayette Parish, LA - Survey Party Chief. Provided right of way surveys for this project that requires construction of new roundabout at the intersection of Mills Street and W. Gloria Switch Road (LA Hwy 98) in Lafayette Parish, Louisiana.
06/23 – 04/25	Juban Road Extension – Livingston Parish, LA – Survey CAD Technician. Providing control, topographic, and property surveying services. The purpose of the project was to construct a new roadway as a connection between US Highway 190 and Lockhart Road (LA Hwy 1026). Forte & Tablada is also responsible for QA/QC and management of work performed by another Survey firm.
07/23 – 08/23	LA 1088 and Viola St. Traffic Improvements St. Tammany Parish, LA – Survey CAD Technician. Provided Topographic and Property Survey to establish existing right-of-way.
03/24 – 03/24	H.015935-LA 47 Over Bayou Bienvenue-Emer Bridge Repl Survey - Survey CAD Technician. Provided Topographic and Property Survey to establish existing right-of-way.

Firm employed by		 T. Baker Smith, LLC	
Name	Anthony M. Burns	Years of relevant experience with this employer	4
Title	Senior Technician, Survey	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities.		Surveying, ROW, and SUE	
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).		
	Anthony Burns has over 23 years of experience as a rodman, party chief, and project manager with numerous LA DOTD and City-Parish projects involving topographic, right of way, and boundary surveys. His experience includes conventional and terrestrial LiDAR, and mobile LiDAR scanning. He is thoroughly familiar with LA DOTD Location and Survey Procedures, manuals, and software programs with respect to all requirements. He manages our survey field crews and equipment. He holds ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications, and is TWIC and OSHA certified.		
11/21 – Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA - Senior Technician. Anthony assists in the development of manhour estimates and the completion of topographic surveys under this contract. He coordinates right-of-entry with landowners, manages field crews, and processes data daily. He performs project QAQC and aids in Deliverables preparation.		
12/23 – 04/24	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD; St. Tammany Parish, LA - Senior Technician. Anthony assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated with field crews and processed data daily. Anthony also performed QAQC and aided in Deliverables preparation.		
05/24 – Ongoing	S.P. H.015554 Loyola DR: 31st – W Loyola Resurface; City of Kenner/LADOTD; Kenner, LA - Sr. Technician. Anthony served as the senior technician for the resurfacing of Loyola Drive from 31st St. to W Loyola Dr in Kenner, LA. He was responsible for the oversight of field crews, topographic data processing, QAQC, and assisted in deliverables preparation. Survey is complete.		
03/17 – 04/18	S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA - Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for the widening of a three-mile portion of US 190 in Covington, LA. DTM width was approximately 300ft.		
06/23 - Ongoing	IJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide - Project Manager. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Assisted with field crew coordination, data processing, project QA/QC, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards.		
10/22 – 10/23	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 - Survey Technician. Responsible for review of topographic surveys.		
04/21 – 07/21	S.P. No. H.009300, Hooper Road Widening (LA 3034 – LA 37); LADOTD; East Baton Rouge Parish, LA - Project Manager/Field Crew Manager. Responsible for a topographic survey and subsurface utility engineering for a one mile stretch of LA Hwy 408.		
07/24 – 09/25	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Senior Technician. Anthony assists in the development of manhour estimates and the completion of topographic surveys under this contract. He coordinates right-of-entry with landowners, manages field crews, and processes data daily. Anthony also performs project QAQC and aids in Deliverables preparation.		

11/23 – 06/24	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA - Project Manager. Responsible for field crew oversight and data processing and review. Performed Topographic survey for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
01/18 – 04/20	S.P. No. H.004100, I-10: LA 415 to Essen Lane; LADOTD; East and West Baton Rouge Parishes, LA - Project Manager. Responsible for field crew oversight, and data processing and review. Performed Topographic survey for the widening of I-10 through Baton Rouge.
09/22 – 06/23	S.P. No. H.015405, Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA - Project Manager. Performed field crew coordination and data processing for Topographic Survey for this bridge replacement project.
04/14 – 10/19	S.P. No. H.002151.5, LA 339 & LA 339S Bayou Parc; LADOTD; Lafayette Parish, LA - Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps. (Location: LADOTD District 03)
09/22 – 08/23	S.P. No. H.014414, LA 22: Bedico Creek–Pine Creek; LADOTD; St. Tammany Parish, LA - Project Manager. Responsible for review of topographic surveys, performed data processing, and managed the crews on this project.
02/15 – 04/16	S.P. Nos. H.011137 and H.011152, I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey on this project.
05/15 – 11/15	S.P. No. H.011224, US 190 Guardrail/Rutting Rep. (Ph I); LADOTD; Pointe Coupee Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey along five portions of US 190. The project was located in Pointe Coupee Parish from LA 1 westward approximately 18.5 miles to the east side of the Atchafalaya Bridge.
04/20 – 11/20	S.P. No. H.000688, US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA - Project Manager. Responsible for field crew oversight, data processing and review and deliverables preparation. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad.

Firm employed by		 T. Baker Smith, LLC	
Name	Branden Kinnaird	Years of relevant experience with this employer	4
Title	Party Chief, Survey	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities.		Surveying, ROW, and SUE	
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).		
	Branden Kinnaird has extensive experience performing surveys according to the LADOTD and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Branden is also very familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.		
11/21 – Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD; Statewide, LA – Party Chief. Branden assists in the completion of topographic surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		
01/24 – 02/24	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD; St. Tammany Parish, LA - Party Chief. Branden established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville, Louisiana.		
09/25 – Ongoing	S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.); City of Kenner/LADOTD; Kenner, LA – Party Chief. Branden served as the Party Chief for the resurfacing of Westbound Vintage Drive in Kenner, LA. He established project control and collected conventional topographic data as well as terrestrial lidar data. Branden also performed a survey of utility features and drainage structures. Survey is complete.		
05/24 – Ongoing	S.P. H.015554 Loyola DR: 31st – W Loyola Resurface; City of Kenner/LADOTD; Kenner, LA - Party Chief. Branden served as the Party Chief for the resurfacing of Loyola Drive from 31st St. to W Loyola Dr in Kenner, LA. He established project control and collected topographic data. Branden also performed a survey of utility features and drainage structures. Survey is complete.		
11/23 – 01/24	IDIQ Contract for Roadway Design Services Statewide: H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA - Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.		
07/24 – Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Party Chief. Branden assists in the completion of topographic, hydraulic, bathymetric, and property surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		
06/23 – 08/23	IDIQ Contract for Roadway Design Services Statewide: LA 3211 Yokley Road: Roundabout; LADOTD - District 03; St. Mary Parish, LA - Party Chief. Branden established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 3211 and Yokley Road in Franklin, Louisiana.		

06/23 – Ongoing	IJA Off-System Bridge Replacement Program, Contract No. 44-25027; LADOTD; Statewide, LA, District 08 – Party Chief. Branden established project control, performed topographic surveys and recovered boundary monumentation for the development of Right of Way maps. Surveys were performed to LADOTD and Survey standards for the replacement of 12 bridges.
09/22 – 05/23	S.P. No. H.014264, LA 556: Bridges Near Choudrant; LADOTD; Jackson & Lincoln Parishes, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
09/22 – 12/22	S.P. No. H.014238, LA 818: Barnet Springs & Creek Bridges; LADOTD; Lincoln Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
10/22 – 11/22	S.P. No. H.014239, LA 589: Alligator Bayou Bridge; LADOTD; West Carroll Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
03/21 – 12/21	MoveBR Nicholson Segment 2 (Bluebonnet – Ben Hur); East Baton Rouge Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps and Topographic Survey.
11/23 – 01/24	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
09/22 – 08/23	S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek; LADOTD; St. Tammany & Tangipahoa Parishes, LA – Survey Crew Party Chief. Established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.
06/20 – 07/21	S.P. No. H.000358.5, US 190: LA 415 & RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
03/21 – 06/21	MoveBR Lee Drive (Highland Road – Perkins Road); East Baton Rouge Parish, LA - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
11/29 – 12/20	S.P. No. H.001344.5, US 190: LA 437-US 190 BUS (Ph 1); LADOTD; St. Tammany Parish, LA - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
06/20 – 07/21	S.P. No. H.000358.5, US 190: LA 415 & RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

Firm employed by		 Terracon Consultants, Inc.	
Name	Lynne E. Roussel, PE	Years of relevant experience with this employer	20
Title	Principal	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science / 2003 / Civil Engineering Master of Science / 2005 / Geotechnical Engineering	
Active registration number / state / expiration date		PE.0035152 / LA / Exp. 03/2026	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Environmental / Permitting	
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).		
	Ms. Roussel has managed geotechnical projects for 20 years. She has performed engineering analyses using in-house computer resources as well as commercial software used for settlement analysis, deep foundations analysis, pavement design, slope stability analysis, and lateral loading of deep foundations. Ms. Roussel also performed analyses for the USACE for limiting pressure analyses for Horizontal Directional Drilling (HDD) projects, seepage analyses and Method of Planes slope stability. Her software experience includes the following software: PCSTABL6, GEOSLOPE, LPILE, DRIVEN, SHAFT, Shoring Suite, and APILE.		
12/1/20 - Ongoing	IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014 Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$2.5 Million.		
03/25 – 03/25	H.012059 - LA19 - Bridges near Zachary – Zachary, LA, DOTD. Project Reviewer. Performed quality review on engineering analyses and reporting.		
01/24-Ongoing	H.015447 – I1JA Off-System Bridge Program – Simmesport, LA. DOTD. Project Reviewer and Contract Manager. Terracon is conducting the geotechnical investigation. The scope includes a 122-foot soil boring using flight auger and mud rotary drilling, with soil samples being collected at regular intervals. Laboratory tests will assess moisture content, Atterberg limits, dry unit weight, grain size, and undrained unconsolidated compression. The site was classified as Seismic Site Class D, with surface geology identified as Holocene and Pleistocene alluvial deposits. Terracon will provide recommendations for earthwork, foundations, floor slabs, and pavements based on the findings.		
07/23 – Ongoing	H.012048 - Castor Creek and Relief Bridges – Tullos, LA. DOTD. Project Reviewer and Contract Manager. Terracon provided geotechnical services focusing on subsurface soil and groundwater conditions and seismic site classification per IBC standards. The scope included 16 soil borings to depths of 60–110 feet using rotary drilling, with samples collected via Shelby tubes and SPT methods. Groundwater levels were monitored during drilling. Laboratory testing assessed moisture content, plasticity, particle-size distribution, density, and shear strength, following ASTM standards and USCS classification. Results were documented in detailed boring logs and graphs.		
10/22 – 02/25	H.003931.5-2 - I-10 - Calcasieu River Bridge Additional Borings – Lake Charles, LA. DOTD. Project Reviewer and Contract Manager. Terracon conducted subsurface exploration and laboratory testing to support the replacement of the I-10 Calcasieu River bridge in Lake Charles, LA. Their work included 37 deep bridge borings—some over water and within a navigable channel—and 39 shallow roadway borings. They later advanced 17 additional borings using marsh buggy and ATV-mounted drill rigs along various segments of the I-10 corridor. Soil samples were collected using standard methods, and groundwater levels were monitored during drilling. In the lab, Terracon performed tests for moisture content, plasticity, particle-size distribution, density, and triaxial compression strength, all in accordance with ASTM and LDOTD standards.		

09/22 – Ongoing	H.002868 I-49 Frontage Road Bridges PDA Testing – Lafayette, LA, DOTD. Project Reviewer and Contract Manager. Terracon provided geotechnical design of the substructure of two bridges and global stability and settlement analysis for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities.
06/19 – 3/20	H.004100 I-10 Widening, Baton Rouge, LA, DOTD. Senior Engineer. Supervised the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. The team worked safely around traffic and lane closures on the interstate near College Drive.
05/18 – Ongoing	H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD. Project Manager. Overseeing the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment.
05/18 – 11/20	H.005967: Nelson Road Extension and Bridge, Lake Charles, LA, DOTD. Project Manager. Managed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration including water borings in Contraband Bayou and provided 90% design of the substructure for the bridge over Contraband Bayou. Terracon performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.
07/16 – 07/21	Louisiana Department of Transportation Geotechnical Retainer Contract No. 4400006191, LA, DOTD. Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$4 Million.
10/16 – 01/18	H.002238 Robinson Canal Bridge, Terrebonne Parish, LA, DOTD. Project Manager. Provided geotechnical engineering services for the project that included field exploration, laboratory testing and geotechnical engineering for the bridge. Pile capacities were developed for the bridge bents.
01/12 – 01/13	H.009187.5 – 23rd Street Bridge over Canal No. 17, Jefferson Parish, LA, DOTD. Project Engineer. Provided geotechnical engineering for the subsurface evaluation and engineering design of this DOTD Off System Bridge project. The bridge at 23rd Street over Canal No. 17 was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.
01/10 – 03/12	H.0051.21 - LA-1 to I-10 Connector, Port Allen, LA, DOTD. Project Manager. Managed the design of a new connector between LA 1 and I-10 near the Intracoastal Canal in West Baton Rouge Parish, Louisiana. The project consisted of a bridge over the Intracoastal Canal, a flyover connector to LA 1 and associated roadway. Soil borings and Cone Penetrometer Test (CPT) probes associated with the bridges and roadway were completed. All calculations were consistent with DOTD pavement design standards. Settlement analysis was performed for the approach embankments. Pile capacities were also provided for the elevated structure.

Firm employed by		 Terracon Consultants, Inc.	
Name	Jim Baxter	Years of relevant experience with this employer	20
Title	Senior Ecologist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		Master of Forest Resources / 2002 / Forest Resources Bachelor of Science / 2000 / Natural Resources	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	Certification: Wetland Delineation, 2005
Contract role(s) / brief description of responsibilities.		Environmental / Permitting	
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).		
	Jim Baxter is a Senior Ecologist. Project duties include jurisdictional waters delineations, Section 404 permitting, threatened and endangered species habitat assessments and surveys, state waters guidance, stream buffer variance applications, guidance for mitigation banking, and Phase I Environmental Site Assessments (ESA). He is a lead reviewer for natural resource work, including wetland delineations, and oversees various ecological projects throughout the southeast. Jim was initially trained in wetland delineation field methods in 2005. He has since attended additional courses and training programs in wetlands and endangered species.		
12/24 – Ongoing	Post Road/ State Route 371 Project, Forsyth County, GA, Ty Lin International - Project Manager for ecology services associated with widening a six-mile corridor along State Route 371 in Cumming, Forsyth County, Georgia. The project was performed to the Georgia Department of Transportation (GDOT) Environmental Procedures Manual (EPM) Standards and Guidebooks. A wetland delineation, state waters review, threatened and endangered (T&E) species study and other applicable environmental surveys were performed. Site plans were reviewed to prepare a Clean Water Act (CWA) Section 404 permit with the USACE and stream buffer variance with the Georgia Environmental Protection Division (GEPD). T&E studies included a complete habitat study for protected bats, an aquatics survey, and a presence/absence survey for the Georgia aster.		
05/24 – 06/24	SP H.014985, Spring Bayou Road Over Spring Bayou Off System Bridge Wetland Delineation, Goudeau, LA, DOTD - Senior Project Reviewer. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of .674-acre project site. Terracon recommended submitting a copy of the WOTUS Delineation report and applicable Jurisdictional Determination request form to the USACE District office for review and verification to obtain a Preliminary Jurisdictional Determination (PJD) Request in order to perform a replacement of the bridge.		
12/23 – 03/24	SP H.014979, Airport Road Off System Bridge Wetland Delineation, Crowley, LA, DOTD - Senior Project Reviewer. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation on the .50-acre site. Terracon recommended consultation with the USACE to determine the appropriate Nationwide Permitting action and for a jurisdictional determination of the identified waters, and for potential permit issuance prior to initiating construction activities for this project.		
01/22 – 08/23	Wetland Delineation, USACE and CUP for Railroad Repairs, LaPlace, LA, Illinois Central Railroad - Senior Project Reviewer. Terracon conducted a wetland delineation, federal waters permitting, and coastal use permitting services for an area that required railroad repairs for damage caused by Hurricane Ida in 2021. The site was located adjacent to the railroad tracks between mile posts (MP) 888 to 889.5. Federal permitting with the United States Army Corps of Engineers (USACE) New Orleans Districts was required and well as a Louisiana Department of Natural Resources (LDNR) Coastal Use Permit (CUP) due to the location within Louisiana’s Coastal Zone. Terracon prepared and submitted USACE permit request as well as the CUP request that involves a joint application/review from the LDNR and USACE.		

11/22 – 11/23	Matt Highway/ State Route 369 Project, Cumming, GA, Ty Lin International - Project Manager for ecology services involved with a road widening of State Route 369 at the Forsyth/Cherokee County line in Cumming, Georgia. The project was performed to the standards of the GDOT EPM. A wetland delineation, state waters review, T&E species study, and other applicable environmental surveys were conducted. Site plans were reviewed to prepare a CWA Section 404 permit. T&E studies included a full habitat study for protected bats and a presence/absence survey for the White Fringeless Orchid
06/19 – 08/20	Broadband Fiber Line Installation, Shreveport, LA – Atlanta, GA, Zayo Group - Project Manager for a wetland delineation and federal waters permitting for a proposed broadband fiber installation in the southeast. The proposed install corridor was approximately 900 miles extending from Shreveport, Louisiana through Mississippi and Alabama until terminating in Atlanta, Georgia. The corridor crossed numerous designated Section 10 navigable waters including the Mississippi, Ouachita, and Pearl Rivers, and crossed through numerous stream and wetland areas. Federal permitting with the United States Army Corps of Engineers (USACE) Vicksburg, Mobile, and Savannah Districts was required. Terracon prepared the federal waters permitting for all three districts, all of which was approved for the fiber install throughout the four states.

Firm employed by		 Terracon Consultants, Inc.	
Name	Melissa Savoy	Years of relevant experience with this employer	16
Title	Staff Scientist	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Master of Science / 2018 / Environmental/Soil and Water Science Bachelor of Science / 2004 / Biology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	Certification: Wetland Delineation, 2022
Contract role(s) / brief description of responsibilities.		Environmental / Permitting	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
	Melissa Savoy is a staff scientist with a concentration in wetland consulting. She has conducted fieldwork associated with Desktop Constraints Analyses (DCAs) and Wetlands and Threatened/Endangered Species surveys and Habitat surveys. Although still classified as “Proposed Endangered,” Melissa has experience identifying potential tricolored bat habitats during onsite surveys and advising clients of additional studies and agency coordination that may be needed if the status changes by the time construction begins. The range of this species includes most of Louisiana, so Terracon is ensuring clients are prepared. Melissa also has experience in conducting Field Delineation and preparing preliminary WOTUS Delineation Reports that included site characterization information, a discussion of applicable data, and recommendations for the site.		
05/24 – 06/24	SP H.014985, Spring Bayou Road Over Spring Bayou Off System Bridge Wetland Delineation, Goudeau, LA, DOTD - Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of .674-acre project site. Terracon recommended submitting a copy of the WOTUS Delineation report and applicable Jurisdictional Determination request form to the USACE District office for review and verification to obtain a Preliminary Jurisdictional Determination (PJD) Request in order to perform a replacement of the bridge.		
03/24 – 05/24	SP H.014991, E. State Street Over Corporation Canal Off System Bridge Wetland Delineation, Baton Rouge, LA, DOTD - Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain a Preliminary Jurisdictional Determination (PJD) Request.		
01/24 – 03/24	SP H.015012, Cleve Kennedy Road Over Morgan Branch Off System Bridge Wetland Delineation, Pine, LA, DOTD - Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of 0.536-acre site within the project area of a proposed bridge replacement. Terracon recommended consultation with the USACE for review and verification of the WOTUS Delineation to obtain an Approved Jurisdictional Determination (AJD) Request.		
12/23 – 03/24	SP H.014979, Airport Road Off System Bridge Wetland Delineation, Crowley, LA, DOTD - Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation on the .50-acre site. Terracon recommended consultation with the USACE to determine the appropriate Nationwide Permitting action and for a jurisdictional determination of the identified waters, and for potential permit issuance prior to initiating construction activities for this project.		
05/22 – 06/22	SP H.014270, Lefort Bypass Road Off System Bridge Wetland Delineation, Thibodaux, LA, DOTD - Project Manager. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation. Terracon recommended consultation with the USACE to determine the appropriate Nationwide Permitting action and for a jurisdictional determination of the identified waters, and for potential permit issuance prior to initiating construction activities for this project.		

17. Firm Experience:

Firm name	 BUCHART HORN ENGINEERS • ARCHITECTS • PLANNERS Buchart Horn, Inc.		Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	Stage 0 Studies IDIQ, Statewide, LA.		Firm responsibility (prime or sub?)	Prime
Project number	4400005873		Owner's name	LADOTD
Project location	Statewide		Owner's Project Manager	TO-Dependent
Owner's address, phone, email	1201 Capitol Access Road, Room 605Z, PO Box 94245, Baton Rouge, LA 70804; TO-Dependent			
Services commenced by this firm (mm/yy)	12/15	Total consultant contract cost (\$1,000's)		\$1,500
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)		\$1,500

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

Firm's Role: Performed Stage 0 feasibility studies for various transportation projects throughout Louisiana. Several task orders were completed by utilizing our comprehensive professional engineering knowledge of the transportation system across all modes, as well as our in-depth knowledge of DOTD's planning, programming, environmental, federal funding mechanisms, design standards, and knowledge of project management techniques.

- H.011160.1-1: I-10 at LA 73 (LA 74 to LA 621) Feasibility and Planning Study and Tiered Analysis, LADOTD, Prairieville, LA.** BH performed the study with Tiered Analysis for I-10 at LA 73 in Prairieville, LA. The project area also included the corridor of LA 73 (LA 74 to LA 621), along with several additional connector routes and realignments in conjunction with the interchange. The study evaluated widening and interchange alternatives to improve traffic and safety operations in the project area and included a crash data analysis and a relative comparison of safety using the Highway Safety Manual predictive methodology.
- H.013817.1: LA 117 from LA 8 to LA 118 Feasibility and Planning Study and Environmental Inventory, LADOTD, Leesville, LA.** The study and environmental inventory project consisted of data collection for alternative analysis, safety analysis for two project alternatives with a site meeting. The final alternative analysis was revised for alternatives based on geometric layout analysis.
- H.012311.1: LA 429 Connector Feasibility and Planning Study and Environmental Inventory, LADOTD, Ascension Parish, LA.** The study goal and objective was to evaluate alignment alternatives for a limited-access corridor (LA 429) in the vicinity of I-10, between LA 30, LA 73 and US 61 in Ascension Parish in order to decrease travel time along existing corridors.
- H.013459.1: US 167 Feasibility and Planning Study, Elsie Street to Gilbert Drive, LADOTD, Ville Platte, LA.** The entire study corridor had been classified as a high level of service of safety (LOSS), meaning that there was a high potential for safety improvement. BH's study consisted of data collection and evaluation, coordination with LADOTD, existing safety analysis, evaluation of existing roadway geometrics, alternative development and safety analysis, impacts evaluation (environmental, cost, right-of-way, wetlands), and a benefit cost analysis.
- H.013460.1: US 167 Feasibility and Planning Study, Enola Street to Ross Road, LADOTD, Ville Platte, LA.** Study tasks included site investigation, safety analysis, alternative analysis and geometric layouts. The study compared connecting existing property owners to the new roadway with driveways and modifying the intersection of old roadways. The study evaluated two reasonable alternatives to address the alignment of US 167 from Enola Street (near LA 748) to Ross Road.



Highlighted Services

- Stage 0 Feasibility Studies
- Crash Data Analysis
- Safety Countermeasures
- Access Management
- Traffic Analysis
- Conceptual Design
- Construction Cost Estimates
- Benefit Cost Analysis
- Environmental Inventory
- Stage 0 Documentation / Checklists

Firm Members Involved: **Joseph Mingo**, Karren Atchison, Matthew Todaro

Firm name	BUCHART HORN Buchart Horn, Inc. ENGINEERS · ARCHITECTS · PLANNERS		Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	Safety Studies IDIQ – US 61 (Airline Highway) from Cardinal Drive to Bert Street		Firm responsibility (prime or sub?)	Prime
Project number	H.014305.1		Owner's name	LADOTD
Project location	LaPlace, LA		Owner's Project Manager	Trey Jesclard
Owner's address, phone, email	1201 Capitol Access Road, Room 605Z, PO Box 94245, Baton Rouge, LA 70804; (225) 379-1232; trey.jesclard@la.gov			
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost (\$1,000's)		\$160
Services completed by this firm (mm/yy)	08/22	Cost of consultant services provided by this firm (\$1,000's)		\$122

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

Firm's Role: BH performed a comprehensive Stage 0 Feasibility Study for the LADOTD to identify and address safety issues along approximately two miles of Airline Highway (US 61) in LaPlace, Louisiana, between Cardinal Drive and Bert Street. The purpose of the study was to improve safety and operations within the corridor by developing context-sensitive solutions to reduce crash frequency, severity, and improve pedestrian safety. BH leveraged its extensive experience in highway safety and Stage 0 studies to deliver practical, community-focused alternatives.

Safety Analysis and Problem Identification: BH conducted an in-depth evaluation of existing conditions, including historical crash data, geometric layouts, and traffic patterns. The analysis revealed that the corridor exhibited a high Level of Service of Safety (LOSS), indicating significant potential for safety improvements. Crash data from 2017–2019 showed elevated rates of right-angle, roadway departure, and fixed-object collisions, particularly concentrated in specific segments and intersections. Pattern recognition analysis and intersection-level studies further identified high crash locations, such as LA 3188, Cambridge, and Ormond Boulevard, as priority areas for countermeasures.

Alternative Development and Recommendations: BH developed and analyzed a variety of alternatives to improve safety and operational efficiency, considering both short-term and long-term implementation potential. Recommended corridor-wide improvements included reducing driveway density, converting the two-way left-turn lane to a raised median, adding barrier curbs to mitigate roadway departures, and enhancing pedestrian accommodations with new sidewalks and restriping. For intersections, BH evaluated and recommended innovative treatments such as signalized and unsignalized Restricted Crossing U-Turns (R-CUTs), median U-turns, roundabouts, and displaced left-turn configurations, tailored to site-specific crash patterns and operational needs.

Community-Oriented and Cost-Conscious Solutions: Throughout the study, BH emphasized context-sensitive design and stakeholder engagement, ensuring that proposed solutions aligned with community needs and could be implemented in a cost-effective manner. The team conducted benefit-cost analyses to prioritize improvements offering the greatest safety benefits relative to cost, and identified immediate, actionable measures to address critical safety concerns while planning for more comprehensive long-term strategies. The final recommendations provided LADOTD with a clear, data-driven roadmap to improve safety, operations, and livability along this critical urban corridor.

Firm Members Involved: **Joseph Mingo**, Karren Atchison



Highlighted Services

- Stage 0 Feasibility Study
- Data Collection
- Historical Crash Analysis
- Highway Safety Manual
- Alternate Development
- Geometric Layouts
- Env & ROW Impact Assessment
- Construction cost estimates
- Stage 0 Checklists
- Stage 0 Documentation

Firm name	 Buchart Horn, Inc. ENGINEERS • ARCHITECTS • PLANNERS		Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	New Roundabout, Parish Road 929 at Parker Road, Ascension Parish, Prairieville, LA.		Firm responsibility (prime or sub?)	Prime
Project number	MA-17-03		Owner's name	Ascension Parish
Project location	Prairieville, LA		Owner's Project Manager	Marco Gonzalez
Owner's address, phone, email	1100 Webster Street, Donaldsonville, LA 70346, 205.641.5377 marco.gonzalez@volkert.com (AP Program Manager)			
Services commenced by this firm (mm/yy)	04/10	Total consultant contract cost (\$1,000's)		\$503
Services completed by this firm (mm/yy)	09/24	Cost of consultant services provided by this firm (\$1,000's)		\$486

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

Firm's Role: Buchart Horn (BH) served as the lead consultant for the planning, design, and implementation of the new roundabout at the intersection of Highway 929 and Parker Road in Ascension Parish, Louisiana. This project was publicly funded through the Local Road Safety Program and administered under the Louisiana Department of Transportation and Development (LADOTD) in partnership with Ascension Parish. Project efforts began in 2010 with BH's completion of a Stage 0 Feasibility Study, and concluded in September 2024 with the closeout of construction administration services, providing BH with nearly 15 years of continuous experience on this safety-critical corridor improvement.

The project originated in response to documented crash history and safety concerns at the four-leg intersection, where traffic volumes were projected to more than double by 2030. BH's feasibility analysis evaluated multiple alternatives and confirmed a single-lane modern roundabout as the preferred solution, consistent with LADOTD's roundabout design guidance and the Federal Highway Administration's proven safety countermeasures. The study determined that the roundabout would significantly reduce conflict points, lower vehicle speeds, and improve overall traffic operations, thereby addressing both existing and long-term safety needs for motorists, school traffic, and the surrounding community.

Following the Stage 0 study, BH advanced the project through preliminary engineering, final design, and preparation of 100% construction plans. The design incorporated roadway widening, subsurface drainage, splitter islands, pedestrian accommodations, permanent signing and striping, and a full lighting system to improve visibility and nighttime safety. Special coordination was required to address existing Shell and Marathon pipelines, right-of-way acquisition, and utility relocations. Multiple design submittals at the 30%, 60%, 90%, and final stages ensured compliance with LADOTD standards, while public meetings and stakeholder engagement provided opportunities for community input during development.

In the construction phase, BH provided administration and oversight services to Ascension Parish under the Move Ascension program, including review of contractor submittals, pay applications, RFIs, and field change requests. Project completion was extended through a series of amendments due to nationwide construction material delays, but the roundabout was successfully delivered and fully opened to traffic in 2024. Today, the completed roundabout is a model of how publicly funded infrastructure investments can address documented safety concerns, improve traffic efficiency, and deliver long-term benefits to the residents of Ascension Parish.

Firm Members Involved: Joseph Mingo, Karren Atchison, Bob Nash, Sherry Wolfe, Rob Cramer

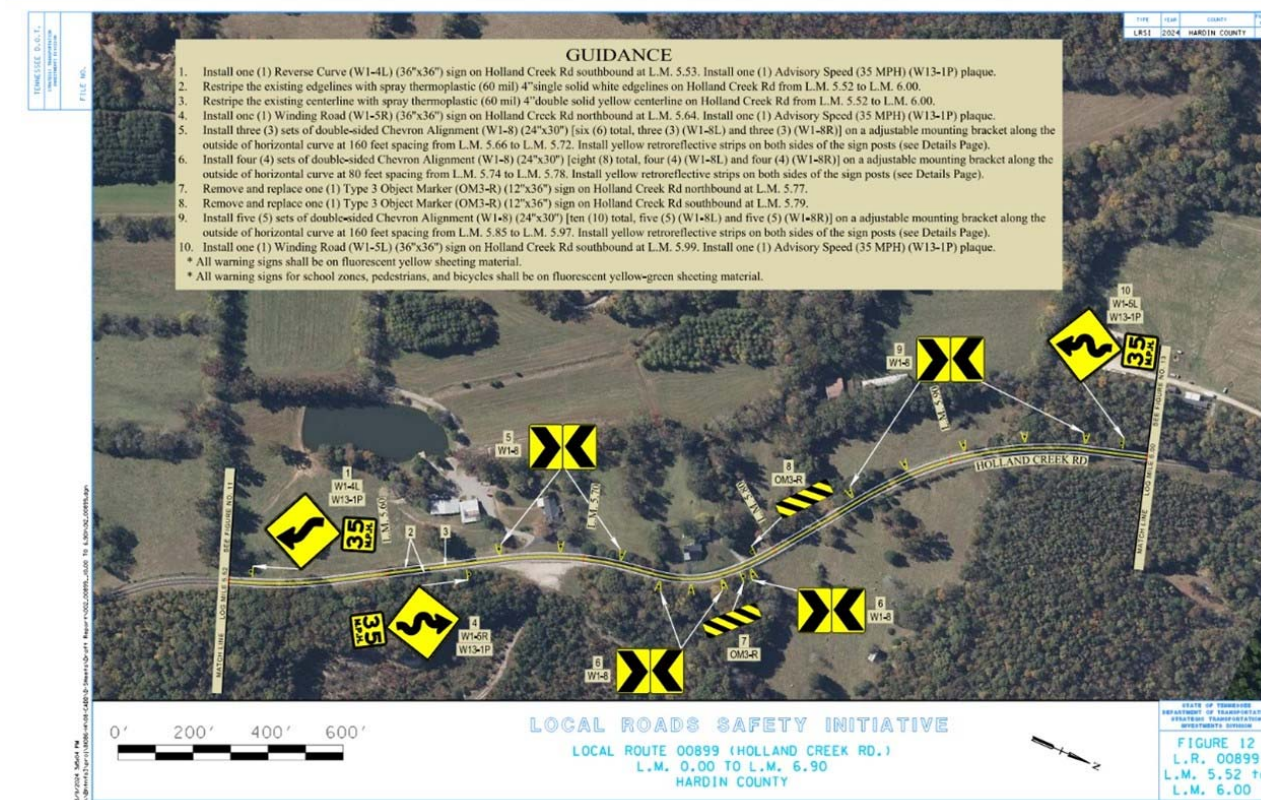


Firm name	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	Buchart Horn, Inc.	Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	Local Roads Safety Initiative, Tennessee Department of Transportation, Various Locations, TN		Firm responsibility (prime or sub?)	Prime
Project number	State Agreement No. E2405		Owner's name	TDOT
Project location	Various Locations, TN		Owner's Project Manager	WO-Dependent
Owner's address, phone, email	James K. Polk Building, 505 Deaderick Street, Nashville, TN 37243-0348; WO-Dependent			
Services commenced by this firm (mm/yy)	12/21	Total consultant contract cost (\$1,000's)		\$2,000
Services completed by this firm (mm/yy)	11/25	Cost of consultant services provided by this firm (\$1,000's)		\$2,000

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

Firm's Role: BH was selected by the Tennessee Department of Transportation Investments Division (STID) to provide engineering services for their Local Roads Safety Initiative (LRSI) program for Region 4 (West Tennessee). The LRSI is a data driven federally funded initiative by TDOT providing improvements for deficient safety conditions on local routes. The proposed roadway and/or intersection improvements are determined after developing traffic and crash data summaries, conducting field reviews, conducting meetings, and documenting stakeholders' input, and formulate the information gathered into new road safety measures. Road Safety Audits (RSA) are often conducted as part of the LRSI program. All meetings, discussions, decisions, and agreements reached regarding the project are documented as part of the final report. BH submits a signed copy of the RSA report, plans and contract packet, and all appropriate backup data necessary for letting. BH was assigned 21 work orders during the agreement.

Firm Members Involved: **Andy Pinkley**, **Angela Stokes-Brown**, **Colton Baker**, **Dana Zabielski**, **Mark Shutt**, **Joey Mingo**, **Thomas Allen**, **Kenny Gunn**



Firm name	 Buchart Horn, Inc. ENGINEERS • ARCHITECTS • PLANNERS		Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	AMTRAK, MS-LA Grade Cross Safety Assessment, Alfred Benesch and Company, Louisiana and Mississippi		Firm responsibility (prime or sub?)	Sub
Project number	2125-604300.08		Owner's name	Alfred Benesch & Company
Project location	Louisiana & Mississippi		Owner's Project Manager	Kurt Anderson
Owner's address, phone, email	6777 Camp Bowie Blvd, Ste 215 Fort Worth, TX 76116, 817.415.2988, kanderson@benesch.com			
Services commenced by this firm (mm/yy)	02/25	Total consultant contract cost (\$1,000's)		\$521
Services completed by this firm (mm/yy)	09/25	Cost of consultant services provided by this firm (\$1,000's)		\$521

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

Firm's Role: Buchart Horn (BH) is proud to support Alfred Benesch & Company in the multi-state AMTRAK Mississippi–Louisiana Highway–Rail Grade Crossing Corridor Study, focused on improving safety along a critical passenger and freight rail corridor stretching from the Mississippi-Tennessee border to New Orleans. This initiative addresses nearly 400 at-grade public and private rail crossings along Canadian National (CN) rail lines, assessing current conditions and identifying strategic interventions to enhance crossing safety, reduce accidents, and support future rail operations.

BH plays a vital role as a subconsultant to Benesch, delivering critical engineering and planning support across several core components of the project's second phase—Prioritization of Safety Improvements. BH is responsible for developing conceptual plans and program-level cost estimates for each crossing identified for potential intervention. These conceptual layouts are tailored to corridor-specific conditions and safety risks, incorporating risk-scoring metrics, anticipated community impacts, and design strategies that align with Amtrak, FRA, and CN Railroad engineering standards. Additionally, BH supports the preparation of visualizations and simplified traffic simulation models (e.g., VISSIM) to demonstrate the potential traffic impacts of proposed closures and safety enhancements.

Beyond technical design, BH also contributes to ongoing stakeholder engagement efforts, preparing materials for public meetings and coordinating with local agencies and municipalities throughout the corridor.

BH's engineers and planners participate in weekly project meetings and work collaboratively with the prime consultant and client representatives to ensure seamless progress tracking, schedule adherence, and proactive resolution of design or permitting issues. BH's expertise in conceptual design, cost estimation, and stakeholder facilitation ensures that safety improvements are both data-driven and community-informed—supporting Amtrak's broader mission to enhance passenger and freight rail operations across the region.

Firm Members Involved: Jay Sabo, **Nick O'Reilly**, **Joseph Mingo**, **Daniel Magri**, **Colton Baker**, Jeffrey Stone, Karren Atchison, Ron Carrola, Madison Hebner, Nathan Limbert, **Dana Zabielski**, Mark Shutt, **Andy Pinkley**



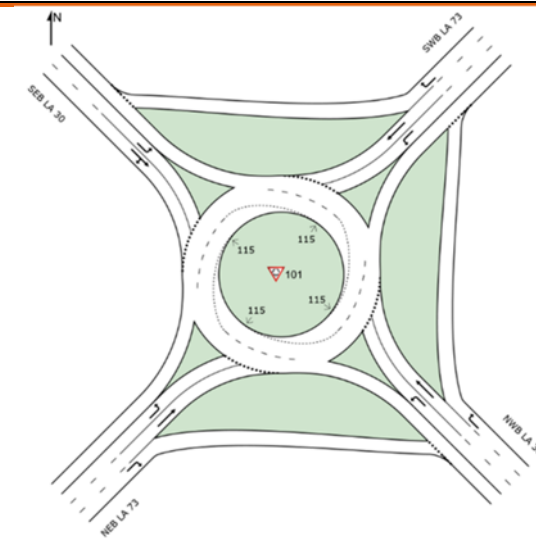
Firm name	 Intelligent Transportation Systems LLC	Past Performance Evaluation Discipline(s)*	Traffic
Project name	LA 73 at LA 30 Roundabout - Intersection Control Evaluation	Firm responsibility (prime or sub?)	Sub
Project number	MA-23-08 and ROAD #230015	Owner's name	Ascension Parish
Project location	Ascension Parish, LA	Owner's Project Manager	Eric Poche
Owner's address, phone, email	615 Worthey Road; Gonzales, LA 70737; (225) 450-1371; eric.poche@apgov.us		
Services commenced by this firm (mm/yy)	05/24	Total consultant contract cost (\$1,000's)	\$65
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$65

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

As part of the Move Ascension program, ITS LLC - serving as a sub-consultant to GEC, Inc., under a retainer contract - was tasked with performing an Intersection Control Evaluation (ICE) for the LA 73 at LA 30 intersection in Ascension Parish. The study was conducted in accordance with LADOTD EDSM VI.1.1.2 - Intersection Control Evaluations and adhered to LADOTD Traffic Engineering Process and Report (TEPR) requirements to ensure a thorough and data-driven approach focused on improving safety and reducing crash risks.

Both LA 73 and LA 30 are two-lane roadways with dedicated turn lanes at the intersection. The area experiences consistently high traffic volumes throughout the day, with peak congestion occurring not only during standard commuting hours but also during industrial shift changes. These shift periods introduce a unique traffic pattern with a high number of left-turning movements onto LA 30, increasing the risk of angle and rear-end collisions due to queuing and limited gaps in traffic. A review of historical crash data highlighted a pattern of collisions related to congestion, sight distance limitations, and turn conflicts. The current intersection configuration struggles to accommodate growing traffic demands, and future projections show a significant increase in delay and crash risks within just a few years. These safety concerns made a comprehensive evaluation of control alternatives essential for ensuring both immediate and long-term improvements.

Following ICE methodology, the intersection was analyzed under three primary control scenarios, with a strong emphasis on safety performance:



1. **Stop-Controlled Intersection** - Due to high through volumes on LA 30 and heavy turn movements, this alternative would increase delays and encourage risky driver behavior, such as gap acceptance violations and aggressive merging, leading to an unacceptable level of safety risk.
2. **Signalized Intersection** - While maintaining a signalized intersection was warranted, it was clear that modifications were necessary. The analysis recommended additional turn lanes and optimized signal phasing to improve efficiency and reduce delays. However, even with improvements, safety concerns remained due to the high number of left turns, which continue to present conflict points.
3. **Roundabout Design** - A modern roundabout was evaluated as a potential long-term safety solution. The design required dual circulating lanes with multiple slip lanes to accommodate future traffic demand. The roundabout option provided significant safety benefits, including a substantial reduction in conflict points, lower vehicle speeds, and a decrease in the likelihood of severe crashes such as right-angle and rear-end collisions.

The study remains ongoing, and a final alternative has not yet been selected. Continued analysis is being performed to determine the optimal solution that balances safety, efficiency, and cost-effectiveness while addressing the unique traffic patterns at this intersection.

Nature of firm's responsibility: Sub-Consultant; Responsible for all traffic engineering study tasks.

Firm members involved include: Kimberly McDaniel, Diane Hammonds, Colin Francis, Benjamin Key

Firm name	 Intelligent Transportation Systems LLC	Past Performance Evaluation Discipline(s)*	Traffic
Project name	North Perkins Ferry Road Corridor Study	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	CPPJ
Project location	Calcasieu Parish, LA	Owner's Project Manager	Leroy Skellham, PE
Owner's address, phone, email	1114 Ryan St., Lake Charles, LA 70601; (337) 721-4100; lskellham@calcasieu.gov		
Services commenced by this firm (mm/yy)	10/23	Total consultant contract cost (\$1,000's)	\$107
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$69

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

ITS LLC was selected by the Calcasieu Parish Police Jury to perform a comprehensive corridor study for North Perkins Ferry Road, which connects LA 378 (Sam Houston Jones Parkway) to US 171 in the communities of Moss Bluff and Gillis. The 6.8-mile, two-lane roadway primarily serves residential traffic, with some commercial properties along the corridor. Due to increasing congestion and safety concerns - especially in the high-traffic segment between Coffey Road and Joe Miller Road - this study aims to identify phased improvements to enhance traffic operations and safety.

ITS LLC's scope of work included traffic data collection, analysis of existing conditions, identification of congestion points, and a detailed safety analysis. The safety analysis highlighted the high volume of turning movements and cut-through traffic in the quarter-mile segment between Coffey Road and Joe Miller Road, leading to operational inefficiencies and increased crash risks. In response, ITS LLC evaluated multiple alternatives such as intersection improvements, signal modifications, capacity expansions, and geometric reconfigurations.



The selected alternative involves a proposed roundabout to replace the existing T-intersections at Coffey Road and Joe Miller Road. This design will not only improve traffic flow but also enhance safety by reducing conflict points, eliminating angle crashes, and lowering vehicle speeds. Roundabouts have been shown to significantly reduce severe crashes, particularly those that result in injuries or fatalities, making it a highly effective safety solution for the corridor.

ITS LLC is currently preparing a Stage 0 Feasibility Study, documenting the findings, alternative evaluations, and phased improvements. The full corridor widening is considered a long-term goal due to right-of-way and utility constraints, but the phased approach will allow for quicker, cost-effective improvements. These phased upgrades will provide immediate relief to motorists, enhance safety, and lay the foundation for future development of the corridor.

Nature of firm's responsibility: Prime Consultant; Responsible for all traffic engineering study tasks

Firm members involved include: **Kimberly McDaniel, Diane Hammonds, Colin Francis**

Firm name	 Intelligent Transportation Systems LLC	Past Performance Evaluation Discipline(s)*	Traffic
Project name	LA 74 Turn Lane Study, Ascension Parish, Prairieville, LA.	Firm responsibility (prime or sub?)	Sub
Project number	77493-02	Owner's name	Ascension Parish
Project location	Ascension Parish, LA	Owner's Project Manager	Eric Poche
Owner's address, phone, email	615 Worthey Road; Gonzales, LA 70737; (225) 450-1371; eric.poche@apgov.us		
Services commenced by this firm (mm/yy)	11/24	Total consultant contract cost (\$1,000's)	\$17
Services completed by this firm (mm/yy)	07/25	Cost of consultant services provided by this firm (\$1,000's)	\$17

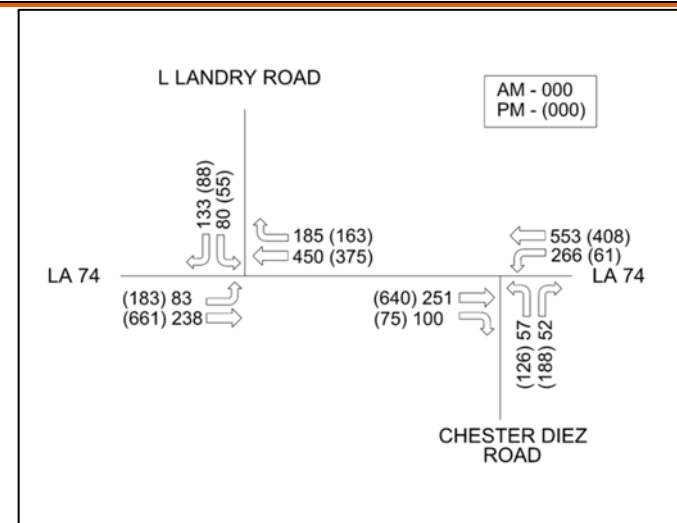
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

As part of the Move Ascension program, ITS LLC, serving as a sub-consultant to Buchart Horn under a retainer contract, was tasked with evaluating the need for turn lanes at the intersections of LA 74 with L Landry Road and Chester Diez Road. These intersections have been identified as critical points of congestion, with limited turn lane capacity contributing to delays and increasing the potential for rear-end and turning crashes. Traffic patterns reveal that peak congestion occurs during rush hours and due to turning movements at these intersections, exacerbated by high volumes of local residential and commercial traffic.

The study involved detailed turn lane warrants, which are critical for assessing the operational efficiency and safety of the intersections under current and future traffic conditions. A comprehensive traffic analysis was conducted to compare the operations of the intersections with and without the implementation of turn lanes, taking into account factors such as traffic flow, delay times, and crash history. Preliminary recommendations include the addition of turn lanes at both intersections to mitigate congestion and improve safety.

Nature of firm's responsibility: Sub-Consultant; Responsible for all traffic engineering study tasks.

Firm members involved include: Kimberly McDaniel, Diane Hammonds, Benjamin Key, Dan Magri, Joey Mingo, Andy Pinkley



Firm name	 T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	IDIQ Contract for Professional Surveying Services Statewide		Firm responsibility (prime or sub?)	Prime
Project number	4400021973		Owner's name	LADOTD
Project location	Statewide, Louisiana		Owner's Project Manager	Jonathan Herrod, PLS
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1105; Jonathan.Herrod@la.gov			
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost (\$1,000's)		\$5,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$2,240

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

TBS was awarded a statewide surveying retainer contract in 2021. Under this \$5 million retainer contract, TBS performs Topographic Surveying for LADOTD projects statewide. Multiple task orders for survey work was issued and TBS completed all deliverables using MicroStation and Inroads as certified by CADconform. Below is a partial list of completed Task Orders:

S.P. No. H.009892 – LDRR (New Iberia) US 90 Frontage Road, Iberia Parish. This project is located in Iberia Parish, LA at the intersection of US 90 and LA 329, north of US 90, and along US 90 Frontage Road and LA 329. The project's objective was to connect the US 90 Frontage Road across LA 329 and the existing Louisiana and Delta Railroad (LDRR). A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site.

S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek Dr, St. Tammany and Tangipahoa Parishes. This project is located near Madisonville, LA along LA 22. The main corridor for this project is approximately 4.5 miles along a highly trafficked roadway through a heavily wooded corridor. The width of the survey and DTM was a total of 140', extending 70' on each side of the project centerline. The project also included the topographic survey for a potential roundabout at Trapagnier Road and an existing drainage map of the project site. Over the course of the year-long survey, TBS encountered ongoing new utility installation and other construction throughout the site. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.

S.P. No. H.015587 LA 3211 @ Yokley Road Roundabout, St. Mary Parish. This project is located in Franklin, LA at the intersection of LA 3211 and Yokley Road. The project's objective was to construct a roundabout at the intersection. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site.

TBS Team Members: Jean Reulet, III, PLS; Jeremy Cormier, PLS; Anthony Burns; Branden Kinnaird

Project Relevance:

- ✓ LADOTD IDIQ Contract
- ✓ Topographic Survey
- ✓ Existing Drainage Map
- ✓ Utility Investigation and Research



Firm name	 T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	LA 1077 & Brewster Rd Roundabout		Firm responsibility (prime or sub?)	Prime
Project number	H.015555		Owner's name	St. Tammany Parish Government
Project location	St. Tammany Parish, LA		Owner's Project Manager	Daniel Hill, PE
Owner's address, phone, email	21490 Koop Drive, Mandeville, LA 70471; 985.892.1811; dphill@stpgov.org			
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost (\$1,000's)		\$436
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$436

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

TBS was contracted by St. Tammany Parish Government, in conjunction with LADOTD, for survey services under Task Order 2023-12.

Part I – Topographic Survey and Existing Drainage Map

Part I includes all surveying services required to complete a detailed topographic survey and existing drainage map in accordance with the LADOTD Location and Survey Manual and current automation procedures. The topographic survey will extend along LA 1077 for 800 feet north and south of Brewster Road, and along Brewster Road for 800 feet east and west of LA 1077, for a total of 1,600 feet in each direction. The survey and digital terrain model will cover a width of 140 feet, extending 70 feet on each side of the project centerline.

Survey activities will include the identification of all utilities, with depth and attribute information incorporated where provided by utility owners or available through LADOTD and St. Tammany Parish records. A LA One Call ticket will be submitted for subsurface utility locates. Drainage features within the limits will be fully mapped, and finished floor elevations will be collected for all structures within the project area. An Existing Drainage Map will be prepared following LADOTD's "Existing Drainage Map Standards for Consultants." This work includes surveying all drainage structures within 300 feet of the topographic limits, capturing high-water marks at cross drains, defining drainage areas, and incorporating additional off-limit features using aerial imagery where appropriate.

Part II – Property Surveys and Right-of-Way Mapping

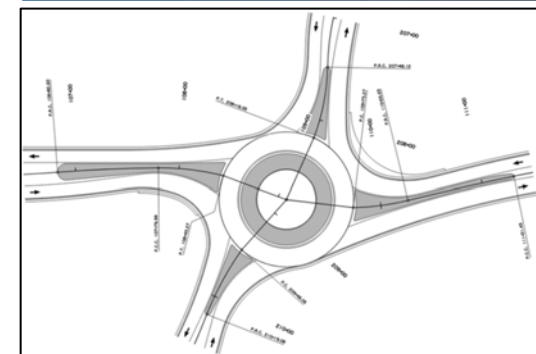
Part II begins after the roadway alignment is approved by St. Tammany Parish and LADOTD. This phase involves complete property surveys for all parcels impacted by required right-of-way, using the same control as Part I. Deliverables include monument coordinate files, supporting boundary documentation, and sketches showing surveyed property lines and existing right-of-way.

TBS' surveyor will then prepare 60% Base R/W Maps, Check Prints, and Final R/W Maps, participate in a Joint Plan Review meeting, and provide parcel description files. Title Research Reports will be supplied by the Land Acquisition consultant.

TBS Team Members: Jean Reulet, III, PLS; Anthony Burns; Branden Kinnaird

Project Relevance:

- ✓ Topographic Survey
- ✓ Existing Drainage Map
- ✓ Property Surveys
- ✓ Right of Way Maps
- ✓ Utility Investigation and Research



Firm name	 T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	Kenner Discovery School Sidewalks		Firm responsibility (prime or sub?)	Prime
Project number	H.015087.6		Owner's name	LADOTD
Project location	Jefferson Parish, LA		Owner's Project Manager	Brian Nunes, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1585; Brian.Nunes@la.gov			
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)		\$141
Services completed by this firm (mm/yy)	10/25	Cost of consultant services provided by this firm (\$1,000's)		\$141

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

TBS was contracted by the City of Kenner, in conjunction with LADOTD, for survey services encircling the Kenner Discovery Health Sciences Academy.

Topographic Survey

A topographic survey was required near the intersection of Vintage Drive and Loyola Drive in Kenner for the purpose of sidewalk design and construction. The survey extended approximately one thousand two hundred (1,200) feet west of the intersection along Vintage Drive and approximately nine hundred (900) feet south of the intersection along Loyola Drive. The survey width extended from the southern and western gutter lines of Vintage Drive and Loyola Drive, respectively, to five (5) feet beyond the existing property line. Where a concrete parking lot existed, the survey extended from the gutter line to the edge of the parking lot. TBS also surveyed the median gutter lines adjacent to the project site.

Additionally, TBS performed a complete topographic survey of the intersection of Vintage Drive and Loyola Drive. From the intersection, the survey extended approximately thirty (30) feet north along the Loyola Drive median and thirty (30) feet east and west along the Vintage Drive medians. To the south, the survey extended fifty (50) feet along the Loyola Drive median. The survey width in this area was approximately one hundred fifty (150) feet.

TBS established a minimum of three (3) project control benchmarks. Survey crews collected cross sections at fifty (50)-foot intervals throughout the project site. Ground surface elevations were acquired, and visible aboveground features were located. An existing swale ditch near the western end of the project was also located. TBS submitted LA One Call tickets requesting subsurface utility markings; however, because utility companies were not legally required to mark for surveys, TBS was not responsible for unmarked subsurface utilities. TBS attempted to obtain records and as-builts to depict unmarked utilities in the survey drawing.

Boundary Verification

Sufficient research and field investigation were conducted to establish the existing boundary line of the Kenner Discovery Health Sciences Academy along Vintage Drive and Loyola Drive. If boundary monumentation along these roads was found missing or destroyed, replacement monumentation was set.

TBS Team Members: **Jean Reulet, III, PLS**

Project Relevance:

- ✓ Topographic Survey
- ✓ Boundary Verification
- ✓ Utility Investigation and Research



Firm name	Terracon Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Broadband Fiber Line Installation		Firm responsibility (prime or sub?)	Prime
Project number	N/A		Owner's name	Zayo Group
Project location	Shreveport LA to Atlanta, GA		Owner's Project Manager	Henry Morris
Owner's address, phone, email	2030 Powers Ferry Rd Ste 300, Atlanta, GA 30339, P: (404) 477-6878, E: henry.morris@zayo.com			
Services commenced by this firm (mm/yy)	06/19	Total consultant contract cost (\$1,000's)		\$125
Services completed by this firm (mm/yy)	08/20	Cost of consultant services provided by this firm (\$1,000's)		\$125

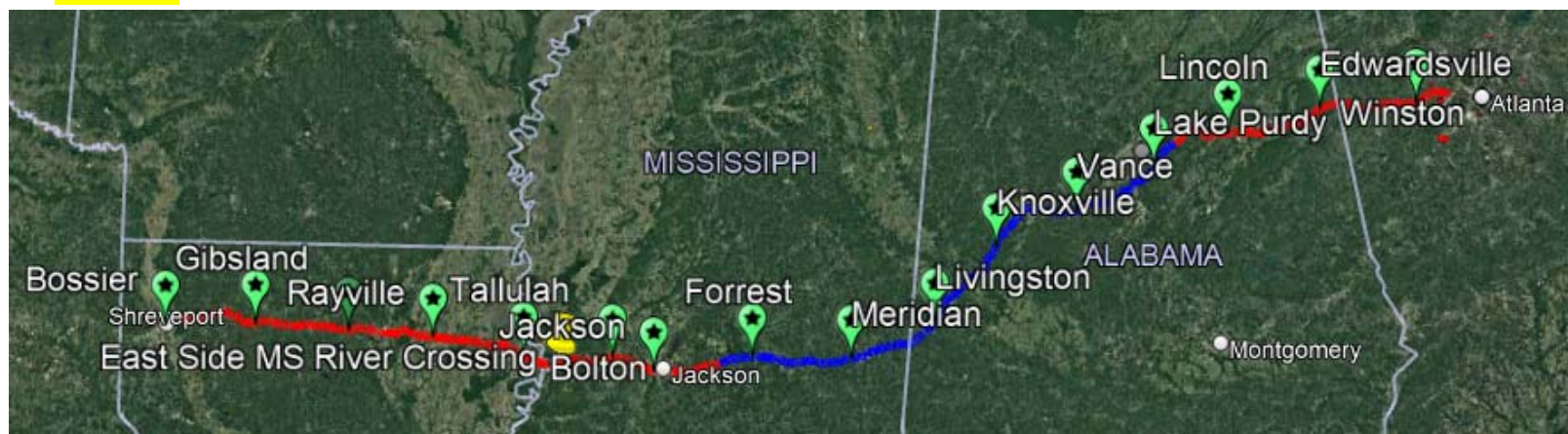
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Terracon conducted a wetland delineation and federal waters permitting for a proposed broadband fiber installation in the southeast. The proposed install corridor was approximately 900 miles extending from Shreveport, Louisiana through Mississippi and Alabama until terminating in Atlanta, Georgia. The corridor crossed numerous designated Section 10 navigable waters including the Mississippi, Ouachita, and Pearl Rivers, and crossed through numerous stream and wetland areas. Terracon completed a full wetland delineation across the entire corridor within the existing right-of-way and adjacent areas approximately 50 feet off the road. Federal permitting with the United States Army Corps of Engineers (USACE) Vicksburg, Mobile, and Savannah Districts was required. Terracon prepared the federal waters permitting for all three districts, all of which was approved for the fiber install throughout the four states. The Vicksburg USACE took the lead as the main federal authority and was Terracon's primary permitting contact throughout the process.

The project included:

- Total Fiber Installation Mileage – Approximately 900 miles
- Wetland Delineation per USACE Rapanos regulations
- USACE Section 404 Permitting for federal waters impacts
- USACE Section 10 Permitting for navigable waters crossings (jack bore and aerial crossings)
- Levee Board Permitting with three local districts and local USACE
- Threatened and Endangered Species Habitat Assessment
- Cultural Resource Survey at Section 10 crossings and wetland impact locations

Key Personnel: **Jim Baxter**



Firm name	 Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Wetland Delineation, USACE and CUP for Railroad Repairs		Firm responsibility (prime or sub?)	Prime
Project number	N/A		Owner's name	Illinois Central Railroad
Project location	LaPlace, LA		Owner's Project Manager	Kari Harris
Owner's address, phone, email	17641 S. Ashland Avenue, Homewood, Illinois 60430, P: (708) 332-4543, E: kari.harris@cn.ca			
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost (\$1,000's)		\$17
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)		\$17

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

Terracon conducted a wetland delineation, federal waters permitting, and coastal use permitting services for an area that required railroad repairs for damage caused by Hurricane Ida in 2021. The site was located adjacent to the railroad tracks between mile posts (MP) 888 to 889.5. Federal permitting with the United States Army Corps of Engineers (USACE) New Orleans Districts was required and well as a Louisiana Department of Natural Resources (LDNR) Coastal Use Permit (CUP) due to the location within Louisiana's Coastal Zone. Terracon prepared and submitted USACE permit request as well as the CUP request that involves a joint application/review from the LDNR and USACE.

The project and proposed mitigation to offset impacts was approved by the USACE and LDNR.

Key Personnel: **Jim Baxter**



Firm name	Terracon Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Spring Bayou Road over Spring Bayou Off System Bridge Wetland Delineation		Firm responsibility (prime or sub?)	Sub
Project number	H.014985		Owner's name	LADOTD
Project location	Avoyelles Parish, LA		Owner's Project Manager	Noel Ardoin
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA, 70802, P: 225-242-4201, E: Noel.Ardoin@la.gov			
Services commenced by this firm (mm/yy)	05/24	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	06/24	Cost of consultant services provided by this firm (\$1,000's)		\$3

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

Terracon was subcontracted to perform wetlands delineations for the off-system bridge contract for LADOTD. Terracon prepared a Waters of the US (WOTUS) Delineation report based upon findings obtained during field delineation of the .674-acre project site located at Spring Bayou Road over Spring Bayou, in Goudeau, Avoyelles Parish, Louisiana. Topographic maps, National Wetland Inventory maps, aerial photographs, soil data from the Natural Resources Conservation Service, as well as flood insurance maps were reviewed prior to conducting the field delineations as background research. Wetlands onsite were identified based on soil sampling and vegetation surveys, and these areas were mapped using sub-meter GPS technology. Terracon recommended submitting a copy of the WOTUS Delineation report and applicable Jurisdictional Determination request form to the USACE District office for review and verification to obtain a Preliminary Jurisdictional Determination (PJD) Request in order to perform a replacement of the bridge.

Key Personnel: **Jim Baxter and Melissa Savoy**

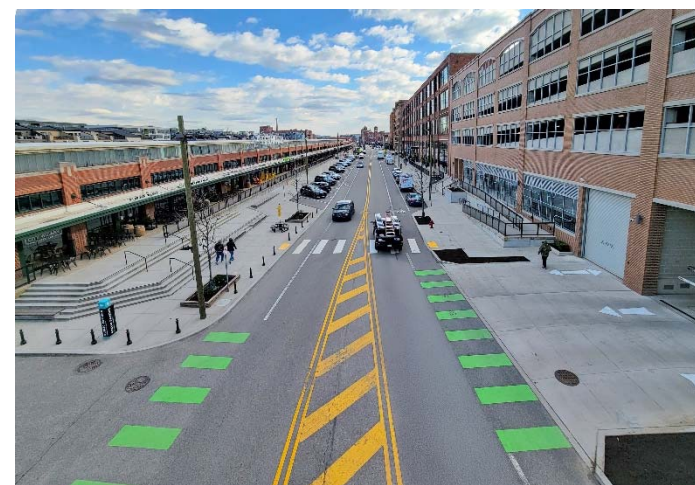


18. Approach and Methodology:

Project Understanding

Buchart Horn, Inc. (BH) understands that the success of this contract will depend on receiving task orders, defining the work quickly, identifying critical issues early, and advancing each assignment through the appropriate level of study, design, and construction support without losing schedule control. The work may range from feasibility studies and safety analyses to traffic engineering reports, topographic survey, right of way mapping, environmental coordination, roadway design, pedestrian and bicycle improvements, signing and pavement marking, intersection improvements, and designer support during construction. Some task orders will be limited in scope and will move rapidly. Others will require a broader progression through study, survey, coordination, preliminary plans, final plans, and construction support. BH has structured its team and delivery process to manage that full range of assignments while maintaining consistency across multiple active task orders.

BH will provide one clear management structure for the contract. **William H. Munz, PE**, will provide executive oversight as Principal in Charge. **Nick O'Reilly, AICP**, will serve as Contract Manager and primary point of contact for task order initiation, coordination, schedule control, and communication. **Daniel J. Magri, PE**, will lead quality assurance and quality control and provide senior guidance rooted in decades of Louisiana transportation planning and highway safety leadership. **Joseph F. Mingo, PE**, with support from **Wm. Andrew Pinkley, PE**, **Colton J. Baker, PE**, and BH roadway staff, will lead roadway design and construction support. **Intelligent Transportation Systems (ITS)** will lead traffic engineering. **T. Baker Smith** will lead survey, right of way mapping, and utility support as needed. **Terracon Consultants** will support environmental review and permitting when required. This structure gives the Department one accountable delivery team while ensuring that each discipline is led by staff actively proposed in this submission.



BH PROJECT
Smallman Street Safety Improvements

Contract Management and Task Order Initiation

BH will manage this contract at both the contract level and the task order level. At the contract level, O'Reilly will maintain the task order log, staffing outlook, deliverable tracking, subconsultant coordination, and communication record so concurrent assignments remain visible and controlled. At the task order level, BH will prepare a concise work plan for each assignment that confirms scope, key assumptions, discipline leads, schedule milestones, review points, and expected deliverables. BH will also support the Department and the local agency through structured agendas, meeting documentation, status updates, comment response logs, and timely decision tracking so that scope, schedule, budget, and documentation remain visible at every milestone. This approach allows each assignment to move independently while remaining under one consistent management framework.

For each task order, BH will begin by reviewing the available application materials, prior studies, mapping, traffic and crash information, utility information, and other background documents provided for the assignment. Where the assignment begins with a feasibility or project report level effort, BH will use that phase to confirm what should move into design, what additional information is needed, and what issues could affect scope, budget, or schedule. The kickoff and predesign discussion will focus on project purpose, known constraints, local agency expectations, discipline needs, probable schedule drivers, and the role of each party in advancing the work. A field review will follow early in the process so the team can verify existing conditions, document constraints, and determine whether the assignment requires a full survey effort, a targeted survey, or a field inventory supported by mapping and aerial information. This front end process is essential on safety projects because it is often the difference between a task order that moves efficiently and one that slows down later due to avoidable revisions.

BH's approach is informed by direct safety project experience in Louisiana. On projects such as the LA 182 Stage 0 feasibility study, the East Vine Street corridor study, Harrison Avenue Improvements, and the Parker Road roundabout, BH has already addressed the same types of issues that typically shape safety task orders, including scope refinement, ADA driven retrofits within constrained corridors, drainage and utility conflicts, right of way impacts, traffic operations, and construction phase follow through.

Feasibility Studies, Safety Analysis, and Early Decisions

When a task order begins with a Project Feasibility Report, BH will produce a data driven evaluation that moves beyond documenting existing conditions. Our team will review crash history, traffic information, field conditions, roadway context, and community setting to define the safety need and screen practical alternatives. Countermeasures will be selected to match the dominant crash pattern and project context, whether the need is intersection control, roadway departure treatment, pedestrian and bicycle accommodation, access management, lighting, drainage and skid resistance improvement, or signing and pavement marking enhancement. Each report will identify the preferred concept, its probable cost, and the likely right of way, utility, environmental, and maintenance implications so the project can advance into the next phase with a clear and defensible basis.

Where the assignment involves a locally sponsored safety project, BH will also consider the broader planning context that supports successful implementation. That includes the local transportation plan when available, applicable statewide and regional safety priorities, and the expectation that project recommendations be supported by documented need, stakeholder input, and a realistic path to delivery. BH will help the owner move from a feasible safety concept to a project that is ready to advance, fund, and implement.

Dan Magri's role is especially valuable during this stage. His experience as LADOTD Assistant Secretary for Planning and Highway Safety Administrator included administration of the statewide Highway Safety Improvement Program, the Local Road Safety Program, the program now known as Safe Routes to Public Places, the Louisiana Strategic Highway Safety Plan, and Louisiana specific safety performance functions. His involvement in BH's reviews helps the team focus early on the issues that matter most to a successful safety task order, particularly where scoping decisions affect schedule, constructability, and cost.

Traffic Engineering and Safety Countermeasures

Traffic engineering will be led by ITS. The proposed ITS staff brings strong Louisiana traffic experience in traffic studies, signal and beacon analysis, operational review, safety analysis, traffic control design, and transportation planning. Their staff includes TEPR trained personnel and nationally credentialed traffic professionals, including Diane Hammonds, PE, PTOE, RSP1, whose experience includes safety studies, traffic signal design, roundabout analysis, access management, traffic control plans, and use of Synchro, SimTraffic, HCS, VISTRO, SIDRA, the Louisiana Crash Tool, and MicroStation. BH will integrate ITS at the front end of each task order so traffic data needs, study requirements, and review expectations are defined before design development advances.

Depending on the assigned scope, ITS may perform traffic counts, traffic signal or beacon analyses, safety evaluations, operational analysis, queue review, speed related review, traffic control planning, and TEPR related reporting. BH will use those results to shape concept selection and design decisions, not simply to document a decision after the fact. This is particularly important on safety projects where the best solution may depend on whether the issue is primarily pedestrian exposure, roadway departure, access control, intersection operation, or corridor consistency. When alternatives must be screened, BH and ITS will compare them based on safety benefit, operations, constructability, utility implications, right of way effects, and cost so that the preferred concept is both technically sound and realistically deliverable.

Survey, Right of Way, Utility, and Environmental Coordination

T. Baker Smith will lead topographic survey, property survey, and right of way mapping as required by each task order. BH will define the appropriate level of field effort early so the design team has a reliable base without expending unnecessary time on limited scope assignments. For projects involving intersection improvements, pedestrian retrofits, drainage changes, or likely right of way impacts, BH and T. Baker Smith will establish survey limits early and advance base mapping to support preliminary design. For more limited signing, pavement marking, or other low impact safety improvements, BH will use targeted field inventory methods and request only the survey effort needed to support accurate design and quantity development.

BH will coordinate right of way, utility, and environmental considerations concurrently with plan development so potential constraints are identified while the design is still flexible. T. Baker Smith will advance base right of way information as needed to validate apparent impacts, and Terracon will be engaged when wetland, permitting, or environmental issues are identified. This approach reduces rework, supports more reliable cost estimating, and improves the overall quality of the plans, specifications, and estimate package.



BH PROJECT
Southside Neighborhood Traffic Calming Design

Design Development and Deliverables

BH's design process is centered on practical, buildable, and clearly documented deliverables. Once the scope is confirmed and the required data are assembled, BH will advance the assignment using current LADOTD standards, accepted engineering practice, and disciplined internal reviews. Depending on the task order, this may include geometric layout, ADA compliant pedestrian features, drainage coordination, signing and pavement marking, temporary traffic control, utility coordination, lighting support, quantities, cost estimates, and final plan preparation in MicroStation and related design platforms. BH's roadway team brings direct experience with safety related projects such as LA 182, East Vine Street, Harrison Avenue, and the Parker Road roundabout, all of which required the integration of safety goals with real world constraints.

For a typical design task order, BH will progress through preliminary plans at the 30%, 60%, and 90% milestones. The 30% Preliminary Plans will establish the design framework and will typically include the design report, title sheet, preliminary typical sections for review, and preliminary plan sheets documenting existing conditions and the initial proposed improvements. The 60% Preliminary Plans will incorporate comments received on the 30% submittal and will advance the project through horizontal alignments, geometric details, traffic control concepts, drainage coordination, and cross sections as applicable to the assignment. The 90% Preliminary Plans will incorporate comments received on the 60% submittal and will add preliminary right of way taking lines, pay items, signing and pavement marking details, and other construction information needed to support the Plan in Hand review and final direction for completion.

Upon completion of the preliminary phase, BH will advance final plans at the 30%, 60%, and 90% milestones. The 30% Final Plans will incorporate revisions from the preliminary phase and will include final right of way taking lines, updated quantities, and the construction cost estimate. The 60% Final Plans will incorporate comments received on the 30% Final Plans and will add final typical sections, summary sheets, and finalized construction notes. The 90% Final Plans will incorporate comments received on the 60% Final Plans and will include the final QA/QC review and constructability check prior to sealed delivery. This milestone-based progression gives BH a practical framework for managing assignments that range from focused retrofit projects to more complex corridor improvements while maintaining clear review points throughout design development.

Quality Management, Cost Control, and Construction Support

Quality assurance and quality control will be integrated throughout each task order. Dan Magri will lead independent reviews during scoping, design development, and final delivery to confirm scope compliance, discipline coordination, constructability, and readiness for the next milestone. BH's review process is intended to identify issues early, reduce rework, and ensure each submittal is internally checked before transmittal.

Cost control will be managed as part of design. BH will develop engineer's opinions of probable cost using current quantities, recent bid experience, site constraints, and known utility, drainage, and maintenance of traffic needs. When a task order advances into construction, BH will remain available to respond to RFIs, review shop drawings and submittals for conformance with the design intent, assist with interpretation of the plans and specifications, and prepare minor revisions needed to support construction progress.



BH Complete Streets Rendering



BH PROJECT
Riverton Road Traffic Circle

Sample Task Order Progression

A typical task order will begin with authorization, kickoff, and review of available application materials, prior studies, crash and traffic data, mapping, and known constraints. If a Project Feasibility Report is required, BH will confirm the safety need, perform the field review, develop and compare alternatives, identify the preferred concept, and prepare the supporting cost, right of way, utility, environmental, and implementation findings needed to move forward. The assignment will then progress through environmental coordination and permit screening, survey and base mapping as required, early preliminary layout, traffic and safety analyses, preliminary plans and quantity development, Plan in Hand review, final right of way and utility coordination as needed, final plans, specifications, quantities, and estimate, and post letting construction support. This sequence reflects BH's understanding that successful safety projects advance through feasibility, environmental, preconstruction, bidding, and construction activities in a disciplined progression, while still allowing several actions to proceed concurrently when that improves delivery.

Typical Safety Task Order Schedule																		
Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Sample Task Order Progression																		
1.0 - Task Order Authorization and Kickoff																		
1.0 - Review Available Materials / Prior Work																		
1.0 - Field Review and Existing Conditions																		
2.0 - Traffic and Safety Analysis (as required)																		
2.0 - Survey, Utility Research, and Base Mapping (as required)																		
2.0 - Feasible Concepts / Preliminary Cost Information																		
2.0 - Pre-Design Conference / Preferred Path Confirmation																		
3.0 - Permit Coordination / Environmental Documentation (as required)																		
4.0 - Preliminary Plans, Quantities, and Estimate																		
4.0 - Base ROW Mapping / Coordination (as required)																		
4.0 - Plan-in-Hand Review / Comment Resolution																		
5.0 - Final ROW Mapping / Technical Coordination (as required)																		
5.0 - Final Plans, Specifications, Quantities, and Estimate																		
5.0 - Sealed Delivery / Letting Support																		
6.0 - Construction Phase Support / Closeout																		

Unique Resources

BH offers several resources that directly improve delivery. The first is a contract management structure that keeps one accountable manager over the work while allowing each discipline lead to move quickly within a coordinated framework. The second is Dan Magri's direct Louisiana safety program experience, which strengthens scoping, review, and quality control. The third is ITS's traffic engineering bench and TEPR qualified staff. The fourth is T. Baker Smith's current survey and right of way capability for Louisiana transportation work. The fifth is Terracon's practical environmental and wetland support for LADOTD related assignments. Combined with BH's own Louisiana safety project experience, these resources position the team to deliver task orders that are responsive, technically sound, and ready to advance without unnecessary delay.

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Buchart Horn, Inc.	Environmental	H.005257, FAP 9902(518),	Houma-Thibodaux to I-10 Corridor Environmental Impact	\$6,728
Buchart Horn, Inc.	Environmental	H.009153.2, FAP H009153	US 84 Improvements	\$8,027
Buchart Horn, Inc.	Bridge	4400026073, H.010616.5	New I-20 Overpass over LA 544 Lighting	\$15,333
Buchart Horn, Inc.	Bridge	4400026073, H.010319.5	I-110 Lighting from North Street to Plank Road	\$144,095
Intelligent Transportation Systems LLC	ITS	H.013710.6	I-10: US61 to LaPlace Deployment	\$190
Intelligent Transportation Systems LLC	ITS	H.001234.6	LA1 Port Allen Canal BR Replacement	\$4,358
Intelligent Transportation Systems LLC	ITS	H.013868.6(A)	ITS Routine Maintenance Engineering and Inspection (ME&I)	\$297,868
Intelligent Transportation Systems LLC	ITS	H.013868.6 (B)	ITS Responsive/Emergency ME&I Statewide	\$76,591
Intelligent Transportation Systems LLC	ITS	H.013868.5	ITS Maintenance Program Management and Operations	\$31,393
Intelligent Transportation Systems LLC	Traffic	H.012685	LA385 - Ryan St Intersection Improvements	\$27,000
Intelligent Transportation Systems LLC	Traffic	44-21887	Replacement of Fifteen Bridges	\$83,819
Intelligent Transportation Systems LLC	Traffic	H.011358	US 190 (Vine Street) Reconstruction	\$152,836
Intelligent Transportation Systems LLC	ITS	H.011504.6	Alexandria Phase 2	\$27,635
Intelligent Transportation Systems LLC	ITS	H.015136.1	Monroe Regional Arch	\$40,817
Intelligent Transportation Systems LLC	ITS	H.015137.5	Bonnet Carre Upgrades	\$166,523

T. Baker Smith, LLC	Bridge	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$799
T. Baker Smith, LLC	Bridge	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$2,957
T. Baker Smith, LLC	Bridge	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$35,116
T. Baker Smith, LLC	CE&I/OV	4400025760 / H.011137	I-12: LA 1077 to LA 21 (CE&I)	\$533,124
T. Baker Smith, LLC	Environmental	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$13,804
T. Baker Smith, LLC	Environmental	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$40,849
T. Baker Smith, LLC	Environmental	4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	\$207,770
T. Baker Smith, LLC	Other (Construction Support)	4400013203 / H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$10,984
T. Baker Smith, LLC	Other (Construction Support)	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$102,090
T. Baker Smith, LLC	Other (Contract Management)	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$9,992
T. Baker Smith, LLC	Other (Contract Management)	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$30,812
T. Baker Smith, LLC	Road	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$750
T. Baker Smith, LLC	Road	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$2,925
T. Baker Smith, LLC	Road	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$59,477
T. Baker Smith, LLC	Road	4400024928 / H.015576 (Task Order #1)	LA 447 @ LA 1025: Roundabout	\$15,243
T. Baker Smith, LLC	Road	4400024928 / H.015587 (Task Order #3)	LA 3211 @ Yokley Road Roundabout	\$151,162
T. Baker Smith, LLC	Road	4400024298 / H.016095 (Task Order#4)	LA 70 Rehab: Marguerite St to US 90	\$36,808
T. Baker Smith, LLC	Road	4400024928 / H.015485 (Task Order #6)	LA 3187: LA 13 - LA 13	\$129,892
T. Baker Smith, LLC	Road	4400024928 / H.010795 (Task Order #7)	LA 42: Roundabout at Joe Sevario Road	\$108,291

T. Baker Smith, LLC	Survey	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$19,531
T. Baker Smith, LLC	Survey	4400021973 / H.011242	LA 384 (Big Lake Rd to McNeese St)	\$718,296
T. Baker Smith, LLC	Survey	4400024928 / H.015485	LA 3187: LA 13 - LA 13	\$171,137
T. Baker Smith, LLC	Survey	4400031920/H.008069.5	Peters Road Bridge & Extension (Phase 3)	\$479,288
T. Baker Smith, LLC	Survey	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$9,138
T. Baker Smith, LLC	Other (Subsurface Utility Engineering)	4400025511/H.011242.5	LA 384	\$770,896
Terracon Consultants, Inc.	Geotech	400005673 H.011235	I-49 at Verot School Road	\$8,110
Terracon Consultants, Inc.	Geotech	4400025027 H.015442 – 015449	IIJA Off System Bridge Program	\$11,400
Terracon Consultants, Inc.	Geotech	4400025026 H.015338	IIJA Off System Bridge Program	\$66,600
Terracon Consultants, Inc.	Geotech	4400025024 H.015336, .015520, .015529	IIJA Off System Bridge Program	\$9,234
Terracon Consultants, Inc.	Geotech	4400025023 H.015505 - 0.015517, .015335	IIJA Off System Bridge Program	\$39,000
Terracon Consultants, Inc.	Geotech	4400006191 H.005967	Nelson Road Extension and Bridge	\$175,495
Terracon Consultants, Inc.	Geotech	4400019014 H.012048.5	Caster Creek and Relief Bridges	\$28,158
Terracon Consultants, Inc.	Geotech	4400019014 H.012537.5	LA 154, LA157 – Red Chute BYU & Flat RVR BRS	\$17,051
Terracon Consultants, Inc.	Geotech	4400019014 H.014984	Libuse Cutoff Road over Flagon Bayou	\$19,878
Terracon Consultants, Inc.	Geotech	4400024651 H.014988	Carey Road over Blackwater Bayou	\$49,946
Terracon Consultants, Inc.	Geotech	4400024651 H.014990	S. Tiger Bend Road & E. Achord Road Bridge	\$20,034
Terracon Consultants, Inc.	Geotech	4400024651 H.000284	US 90 Pearl River Bridges	\$971,478
Terracon Consultants, Inc.	Geotech	4400024651 H.012059	LA19- Bridges near Zachary	\$303,640

(Add rows as needed)

DO NOT SUM

20. Certifications/Licenses:

This certificate hereby qualifies

Nicholas O'Reilly

as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number: 37683.0


Joel Albizo, FASAE, CAI
Chief Executive Director


Erin Perdu, AICP
President



**American Institute
of Certified Planners**

Creating Great Communities for All

Louisiana Transportation Research Center

Thank you for submitting your student registration. Please review the below information. Feel free to keep this email for your records.

Course: Traffic Engineering Process & Report Class Series - Series 27 (April 22-23, 2026- TTEC, Baton Rouge)

Schedule Date: 04/22/2026

First Name: Dan

Last Name: Magri

Company: Buchart Horn

Title: Director of Marketing for Southern Transportation

Phone: 800-274-2224

Payment Type: card

Payment Status: completed

Payment Amount: 20.00

If you need assistance with managing your submission, please contact Layne Brown at layne.brown@la.gov.

Visit Website | (225) 767-9183



National Highway Institute Certificate of Training

Dan Magri

has satisfactorily completed training in

AASHTO Roadside Design Guide

conducted by

National Highway Institute

Location: Baton Rouge, LA

Hours of instruction: 12

Date: April 29-30, 2003

Continuing Education Units: 1.2

Instructor: Frank Julian

Coordinator: William M. Christy

Director, National Highway Institute: Moses Ayala

Director, Office of Professional Development: J. L. Felt

Federal Highway Administration

Federal Highway Administration



Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Certifies that **DAN MAGRI**

has satisfactorily completed **16** hours of training in

AASHTO ROADSIDE DESIGN GUIDE

conducted by

Federal Highway Administration

May 10, 1990

Baton Rouge, Louisiana

Date: E. P. Morgan

Location: Richard D. Morgan

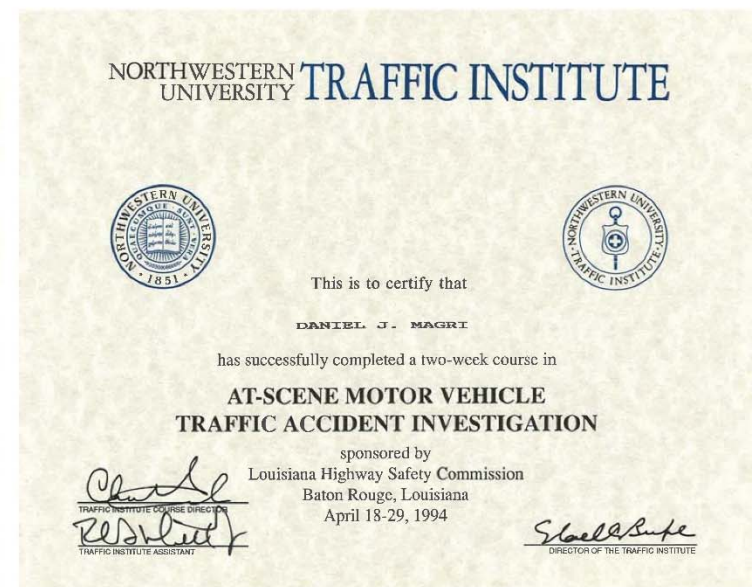
Executive Director: George M. Shivers

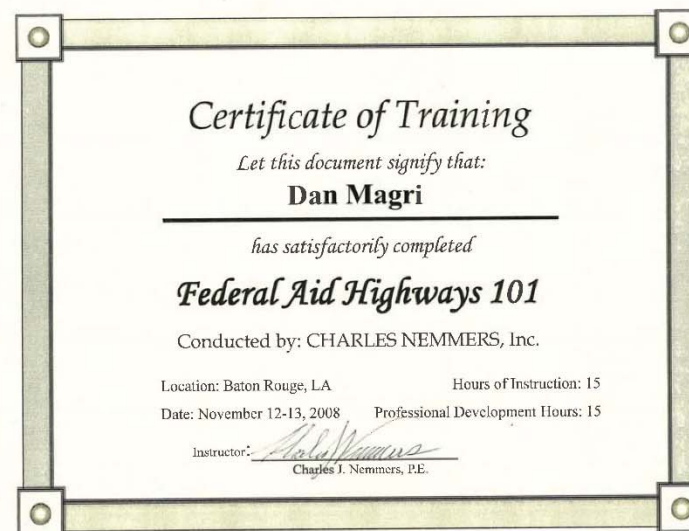
Instructor: Bobby Friel

Director, National Highway Institute

Coordinator











U.S. Department of Transportation



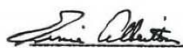
Transportation Safety Institute
Certificate

DAN MAGRI

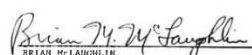
has successfully completed the

Highway Safety Program Management

Conducted at Oklahoma City, OK June 18 - 27, 1991


ERNIE ALBRITTON, Division Manager


H. ALDRIDGE GILLESPIE, Director


BRIAN McLAUGHLIN,
Regional Coordinator, NHTSA

U.S. Department of Transportation



Transportation Safety Institute
Certificate

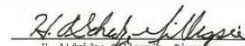
DAN MAGRI

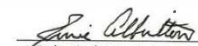
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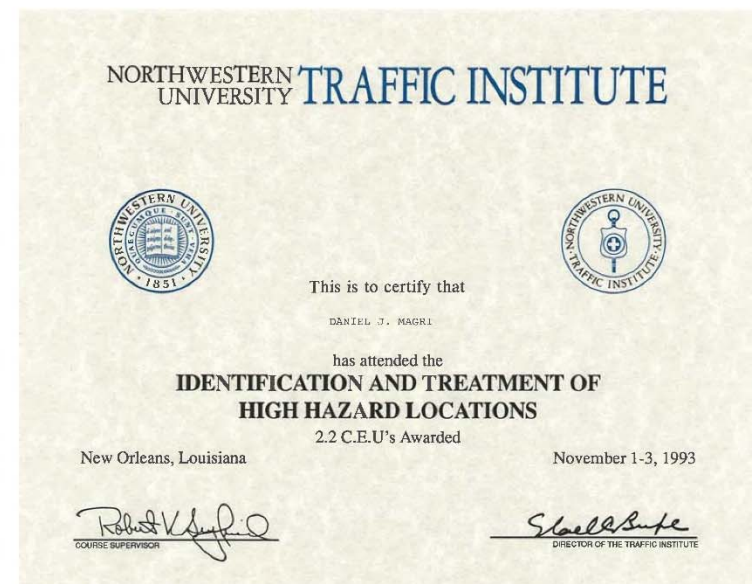
Highway Safety Project Management Course

conducted at OKLAHOMA CITY, OK

JANUARY 9-13, 1989


H. Aldridge Gillespie, Director


Ernie Albritton, Division Manager







U.S. Department
 of Transportation
**Federal Highway
 Administration**

Office of Professional and Corporate Development
 Main Office: 4600 N. Fairfax Dr., Suite 800
 Arlington, VA 22203

HQ Office: 400 Seventh St., S.W., Suite 4208
 Washington, DC 20590

September 26, 2005

Mr. Dan Magri
 5806 Getysburg Drive
 Baton Rouge, LA 70817

Dear Mr. Magri,

We are pleased to inform you that you have successfully completed NHI Course No. 133078A: Access Management from March 29, 2005 – March 31, 2005 in Baton Rouge, LA. You have fulfilled the requirements necessary to obtain 1.8 Continuing Education Units for this course.

We thank you for selecting NHI for your training development and look forward to your participation in NHI courses in the future. Should you have any questions or concerns regarding this letter, or other NHI activities, please don't hesitate to call us at (703) 235.0500.

Sincerely,

Richard Barnaby
 Chief, Training Programs Manager
 National Highway Institute



National Highway Institute
 4600 North Fairfax Drive, Suite 800, Arlington, Virginia 22203 (703) 235-0500 <http://www.nhi.fhwa.dot.gov>





National Highway Institute

Certificate of Training

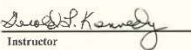
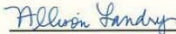
Dan Magri

has participated in

NHI Course No. 310110 – Federal-Aid Highways 101 (State Version)

hosted by

LA DOTD/LTRC

<i>Date:</i> November 1-2, 2011 <i>Location:</i> Baton Rouge, LA  Instructor	<i>Hours of Instruction:</i> 12  Local Coordinator  Richard Barnaby, Director National Highway Institute
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National Highway Institute

Certificate of Training

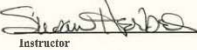
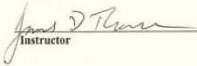
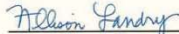
Dan Magri

has participated in

NHI Course No. 151042 – Transportation Safety Planning

hosted by

LA DOTD/LTRC

<i>Date:</i> August 30-31, 2011 <i>Location:</i> Baton Rouge, LA  Instructor  Instructor	<i>Hours of Instruction:</i> 12  Local Coordinator  Richard Barnaby, Director National Highway Institute
--	--

Certificate of Attendance

presented to

Dan Magri

for attending the

Roadside Safety Assessment Train-the-Trainer Workshop

20 Professional Development Hours

February 23-25, 2016

Baton Rouge, Louisiana

[Signature]
Authorized Instructor



National Highway Institute Certificate of Training

Daniel J. Magri

has satisfactorily completed training in

Safety Management System

conducted by

FEDERAL HIGHWAY ADMINISTRATION

Location: Baton Rouge, Louisiana

Hours of instruction: 16

Date: December 12 and 13, 1995

Continuing Education Units: 1.2

[Signature]
Inspector
[Signature]
Director, Special Strategic
National Highway Institute Initiatives

[Signature]
Coordinator
[Signature]
Federal Highway Administrator





Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Certifies that **Dan Magri**
 has satisfactorily completed 16 hours of training in
TRAFFIC CONFLICT TECHNIQUES FOR SAFETY OPERATIONS
 conducted by **FEDERAL HIGHWAY ADMINISTRATION**

March 19-21, 1991

Date

Thomas W. Farnam
 Federal Highway Administrator
George M. Shivers
 Director
 National Highway Institute

Baton Rouge, Louisiana

Location

Walt R. Rely
 Instructor
John Shurtz
 Coordinator

NORTHWESTERN UNIVERSITY TRAFFIC INSTITUTE



This is to certify that

Daniel J. Magri

has successfully completed a two-week course in
TECHNICAL ACCIDENT INVESTIGATION

sponsored by
 Louisiana Highway Safety Commission
 Baton Rouge, Louisiana
 August 1-12, 1994

Charles L. Lyle
 TRAFFIC INSTITUTE COURSE DIRECTOR
RES. Lyle
 TRAFFIC INSTITUTE ASSISTANT

Stella B. Bufe
 DIRECTOR OF THE TRAFFIC INSTITUTE







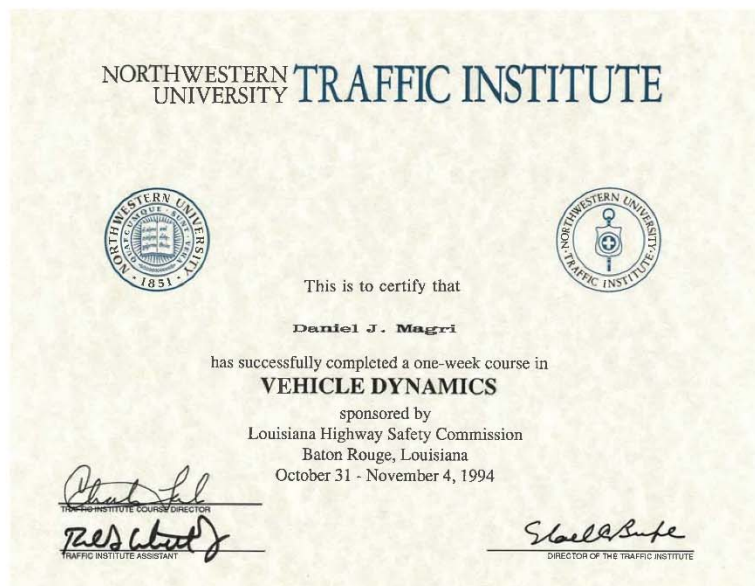
Certificate of Training

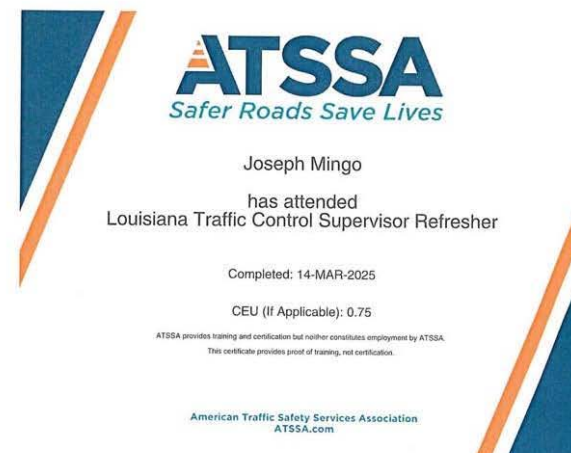
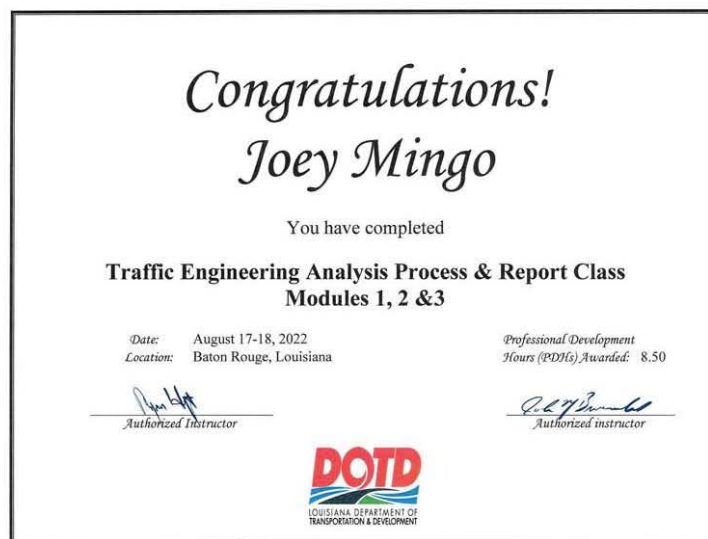
NATIONAL HIGHWAY INSTITUTE

Certifies that DAN MAGRI
 433-98-5248
 has satisfactorily completed 24 hours of training in
 USING THE URBAN TRANSPORTATION PLANNING PROCESS
 FOR PROJECT PLANNING AND DESIGN

conducted by JHK & ASSOCIATES
 AND
 THE FEDERAL HIGHWAY ADMINISTRATION

Date <u>May 20-22, 1986</u>	Location <u>Baton Rouge, Louisiana</u>
<i>[Signature]</i> Federal Highway Administrator	<i>[Signature]</i> Instructor
<i>George M. Shivers</i> Director National Highway Institute	<i>[Signature]</i> Coordinator











EnviroCert International, Inc.
11000 Olson Drive, Suite 205, Rancho Cordova, CA 95670
(279) 888-6911 | www.envirocert.org

Danuta Anna Zabielski
CPESC

Certified Professional in Erosion and
Sediment Control

<u>2921</u>	<u>31-Dec-2026</u>
CERTIFICATION NO.	EXPIRES





The Transportation Professional Certification Board

Certifies that

Mr. Robert S. Nash, P.E.,PTOE, CME

successfully renewed the Professional Traffic Operations Engineer® certification

Original Certification Date: 11/17/2005

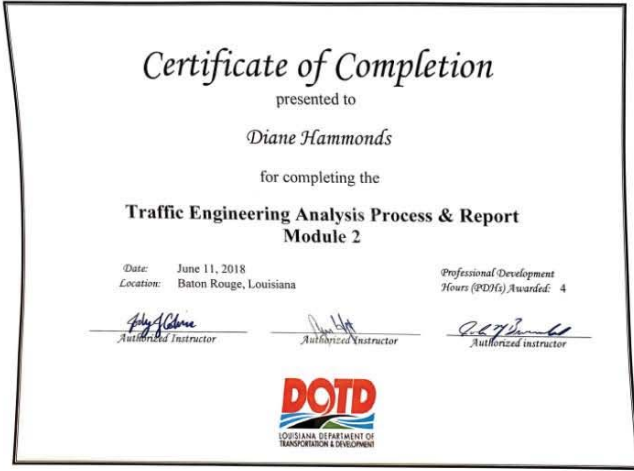
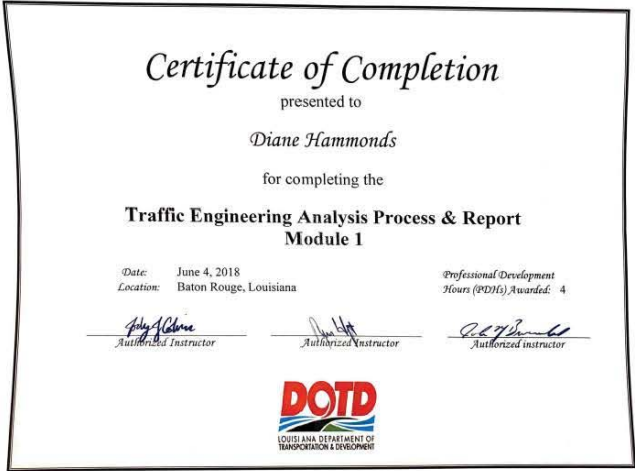
Certification Valid Through: 11/17/2026

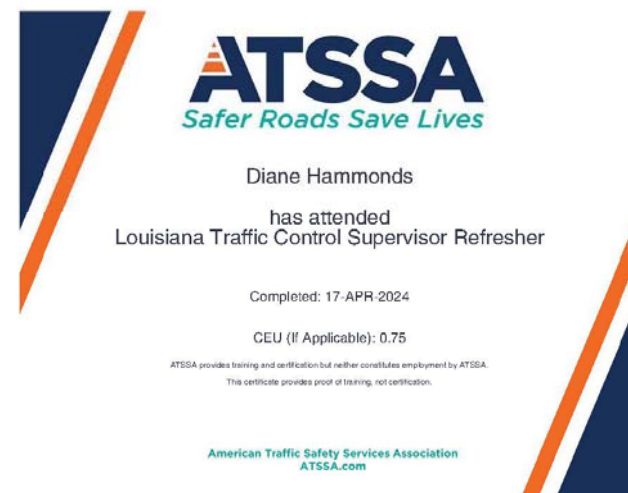
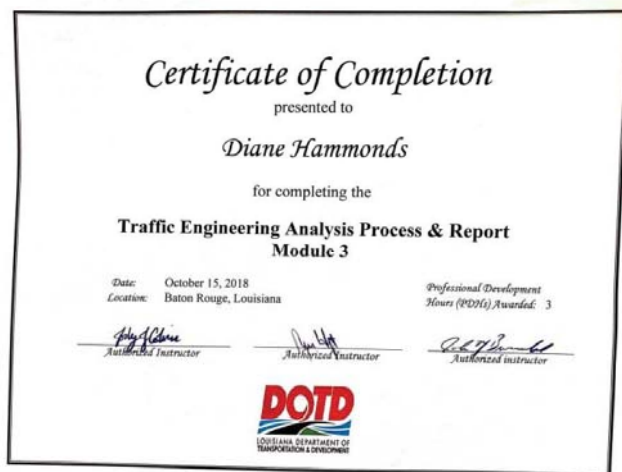
Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

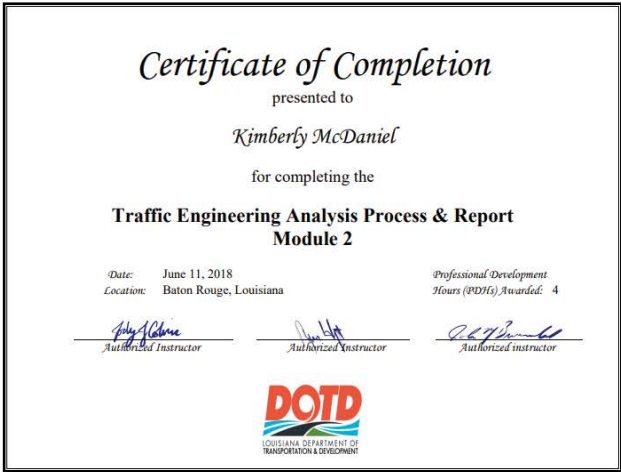
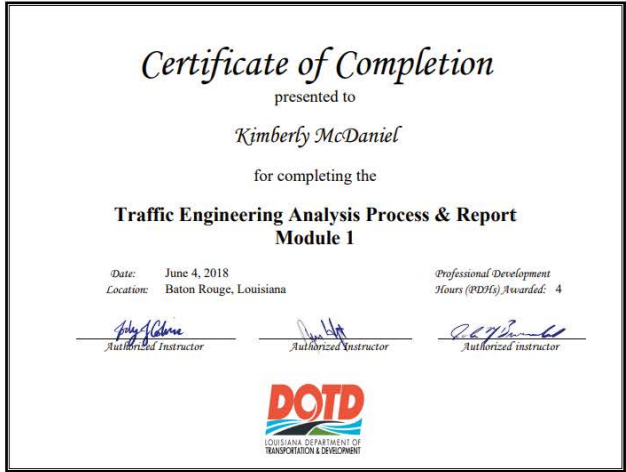
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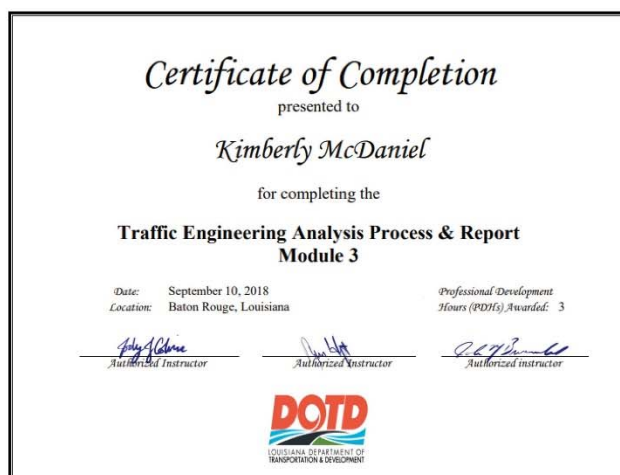


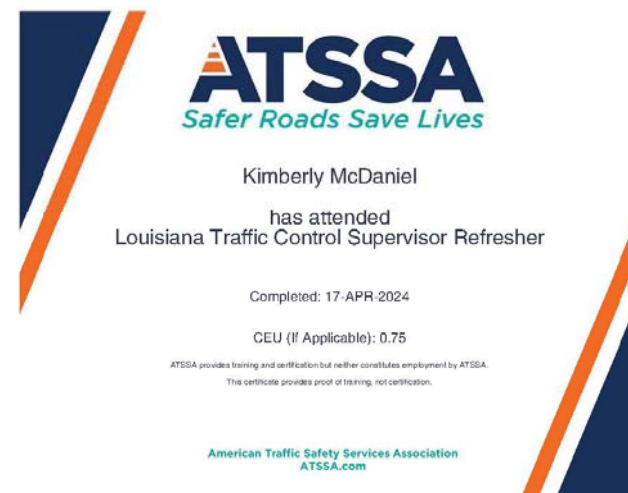














Certificate of Completion

presented to

Jonathan Fox

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2.5

John A. Colburn
Authorized Instructor

John A. Colburn
Authorized Instructor

John A. Colburn
Authorized Instructor



Certificate of Completion

presented to

Jonathan Fox

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

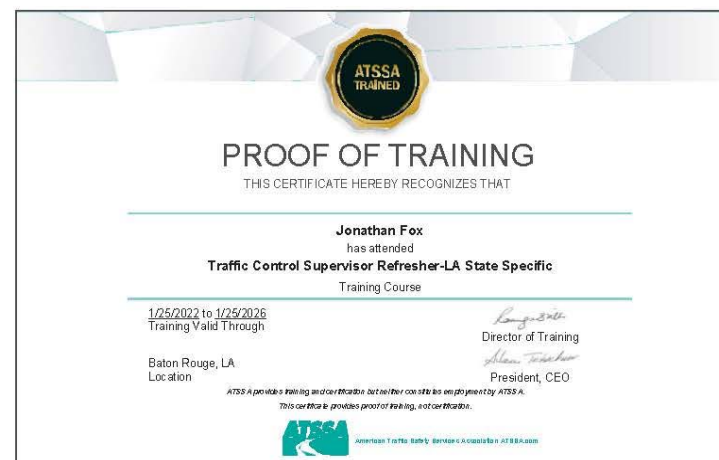
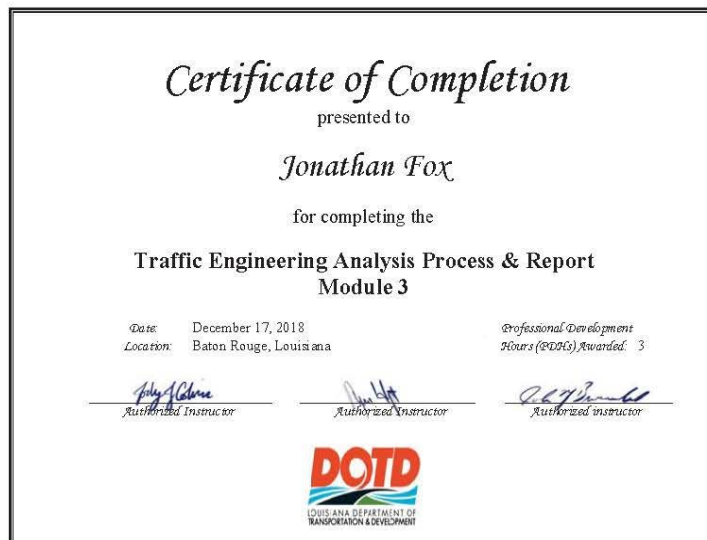
Professional Development
Hours (PDHs) Awarded: 3

John A. Colburn
Authorized Instructor

John A. Colburn
Authorized Instructor

John A. Colburn
Authorized Instructor





Certificate of Completion

presented to

Colin Francis

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor

Certificate of Completion

presented to

Colin Francis

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor

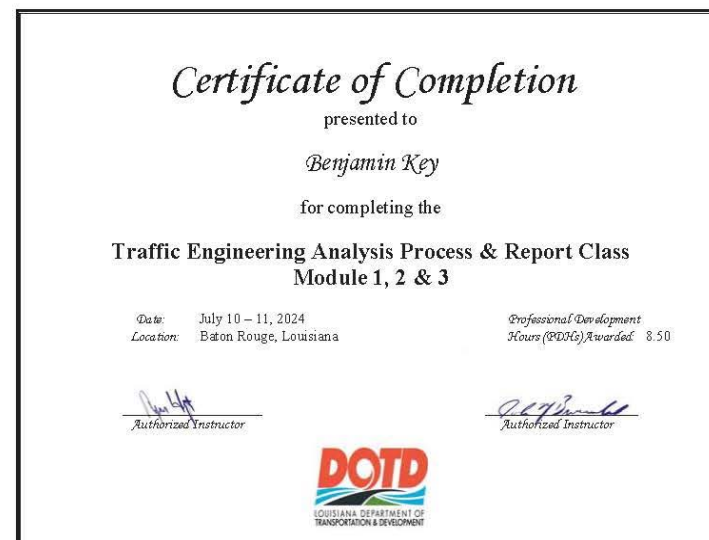
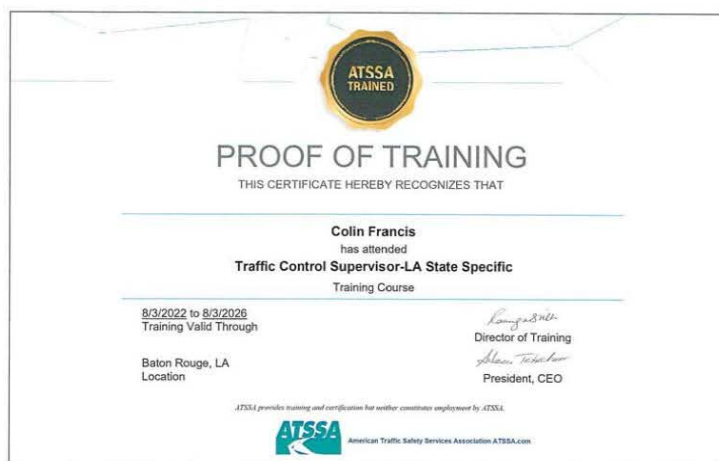


Authorized Instructor

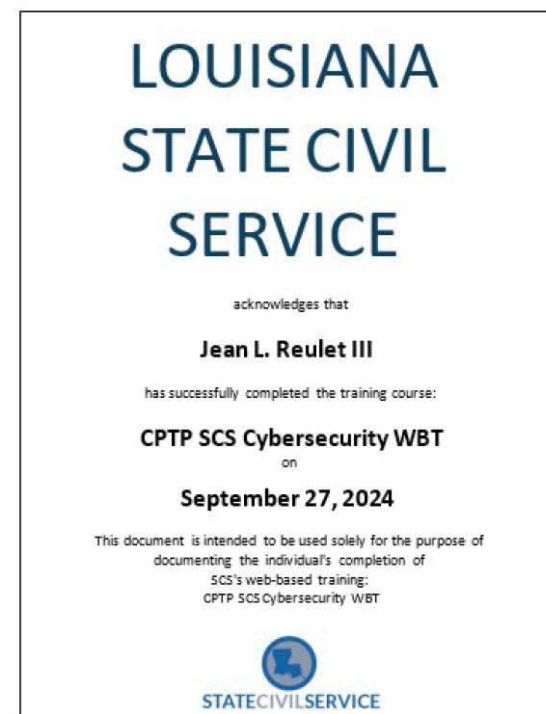
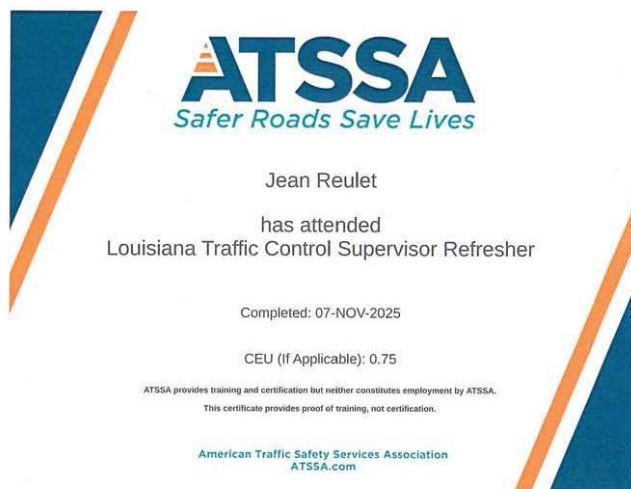


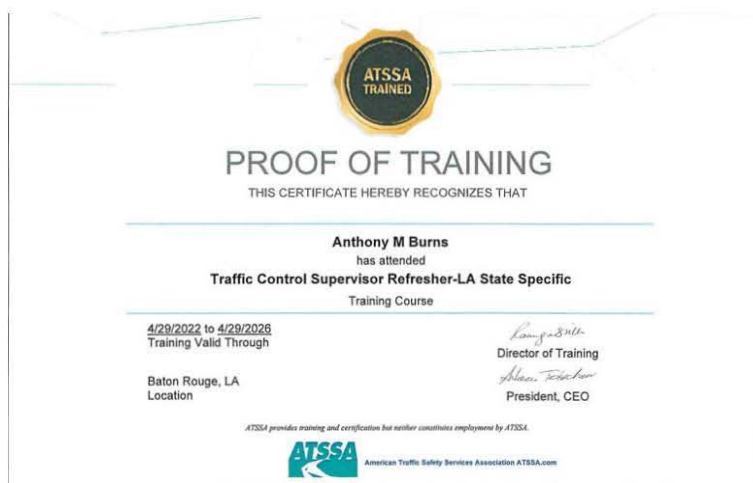
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Name	Type	City	Status
BUCHART HORN, INC.	Business Corporation (Non-Louisiana)	YORK	Active

Previous Names

BUCHART-HORN, INC. (Changed: 8/18/2023)

Business: BUCHART HORN, INC.**Charter Number:** 34387362F**Registration Date:** 8/27/1991

21. QA/QC Plan:

N/A

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
Intelligent Transportation Systems LLC	37302 Commerce Lane Prairieville, LA 70769	Kimberly McDaniel, PE, PTOE, PTP kimberly@itsanswers.com	(225) 751-9300 office (225) 931-0060 cell
T. Baker Smith, LLC	6660 Riverside Drive, Suite 101 Metairie, LA 70003	Jean Reulet, III, PLS jean.reulet@tbsmith.com	(985) 493-2953
Terracon Consultants, Inc.	2822 O'Neal LN, Bldg B Baton Rouge, LA 70816	Lynne Roussel, PE lynne.roussel@terracon.com	(225) 239-2632

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.



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