



QUALIFICATIONS FOR ENGINEERING & RELATED SERVICES

**LA 429 CONNECTOR
(LA 30 / LA 73 TO US 61)
CONTRACT NO. 4400026028
STATE PROJECT NO. H.012311.2**



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

SUBMITTED TO

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

CONSULTANT CONTRACT SERVICES

1201 CAPITOL ACCESS ROAD

BATON ROUGE, LA 70802

June 08, 2023

JUNE 8, 2023

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
DOTDConsultantAds80@la.gov
CONSULTANT CONTRACT SERVICES
1201 CAPITOL ACCESS ROAD
BATON ROUGE, LA 70802

RE: **Proposal for Engineering and Related Services**
State Project Number: H.012311.2 – LA 429 Connector (LA 30/LA 73 to US 61)

Project Manager with years of history working on LA 429's previous stages and in the corridor.

Extensive IJR and NEPA experience critical to a comprehensive I-10 corridor study that addresses all proposed interstate access changes with the LA 429 connector and the adjacent LA 74 project.

Staff availability to prioritize the project and meet the 3-year schedule.

Dear Project Evaluation Team,

On behalf of the **Atlas Technical Consultants (Atlas)** Team, enclosed herewith is one (1) electronic copy of the DOTD Form 24-102 in response to your Request for Proposals for Engineering and Related Services for the LA 429 Connector.

Atlas knows the increased road traffic impacts on a community. We understand the desire to maintain and improve the quality of life, protect its natural resources and wetland areas, and preserve its local history. Our world-class team is enthusiastically committed to achieving your project's needs using the benefit of an exceptional local team of specialists. This includes the resources of a proven track record successfully delivering the most environmental assessments in the State of Louisiana with **Providence Engineering and Environmental Group, LLC**; the extensive resume of local DBE firm **Vectura Consulting Services, LLC**, will bring you the latest alternatives based upon reliable traffic data; the intimate knowledge of the LA 30 project with local/national firm **Michael Baker International, Inc.** will set this project up for success; and our local **Coastal Environments, Inc.** partner brings Phase I cultural resource survey expertise on large corridor projects in Louisiana. By Investing in Louisiana with a locally led and nationally supported team, we will ultimately deliver an Interchange Justification Report (IJR) to analyze no-build and future conditions while being sensitive to environmental impacts and social justice initiatives in the area.

Company-wide, Atlas employs more than 3,600 talented specialists, and offers a broad range of services from environmental and natural resources planning, protection, and restoration, to structural bridge design, traffic analysis, roadway engineering, construction material testing and special inspection, geotechnical engineering, infrastructure design and modeling services, environmental compliance and permitting, as well as program, project, and construction management services.

We acknowledge the following – Addendum 1 on May 16, 2023; Addendum 2 on May 26, 2023; and Addendum 3 on June 2, 2023.

Very Respectfully,



KARA MOREE, CFM

Atlas Technical Consultants, LLC
National Director - NEPA & Environmental Compliance
p: (225) 369.6587
e: kara.moree@oneatlas.com



JONATHAN CHARBONNET, PE


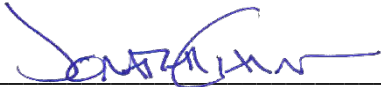
Atlas Technical Consultants, LLC
Louisiana Director of Operations
p: (504) 939.4545
e: jonathan.charbonnet@oneatlas.com



sections

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1. Contract Name as shown in the advertisement	FEDERAL AID PROJECT NO. H012311, LA 429 CONNECTOR (LA 30 / LA 73 TO US 61) ROUTES: I-10, LA 429, LA 30, ASCENSION PARISH				
2. Contract Number(s) as shown in the advertisement	CONTRACT NO. 4400026028				
3. State Project Number(s), if shown in the advertisement	STATE PROJECT NO. H.012311.2				
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	 Atlas Technical Consultants, LLC				
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0006606				
6. Prime consultant mailing address	8440 Jefferson Hwy, Suite 400, Baton Rouge, LA 70809				
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8440 Jefferson Hwy, Suite 400, Baton Rouge, LA 70809				
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Kara Moree, CFM, <i>National Director - NEPA & Environmental Compliance</i> (225) 369-6587 kara.moree@oneatlas.com				
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Jonathan Charbonnet, PE, <i>Louisiana Director of Operations</i> (504) 939-4545 jonathan.charbonnet@oneatlas.com				
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	 Signature above shall be the same person listed in Section 9: 06/08/23 Date:				
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	<table border="0"> <tr> <td><u>DBE Firm(s):</u></td> <td><u>Firm(s)' %</u></td> </tr> <tr> <td>Vectura Consulting Services, LLC</td> <td>32%</td> </tr> </table>	<u>DBE Firm(s):</u>	<u>Firm(s)' %</u>	Vectura Consulting Services, LLC	32%
<u>DBE Firm(s):</u>	<u>Firm(s)' %</u>				
Vectura Consulting Services, LLC	32%				



section 12

past performance evaluation
discipline table



12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% Overall	Atlas	Providence	Michael Baker	Coastal	Vectura
Traffic	40%	20%	0%	0%	0%	80%
Environmental	35%	55%	22%	8%	15%	0%
Road	15%	80%	0%	20%	0%	0%
Bridge	10%	80%	0%	20%	0%	0%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.						
Percentage of Contract	100%	47.25%	7.7%	7.8%	5.25%	32%





section

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firm size



13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification
 <ul style="list-style-type: none"> Atlas has assembled a team with members who have been involved with the LA 429 connector and interchange project since its early conceptual stage as well as with involvement in several other projects in planning and design in the LA 429 project vicinity (i.e., LA 30 widening, LA 30 Roundabouts, Mississippi River Bridge South) Atlas team members are currently working on Mississippi River Bridge (MRB) 	Principal	1	3
	Supervisor - Eng	5	7
	Supervisor - Other	5	17
	Engineer	1	9
	Engineer - Other	2	150
	Engineer Intern	2	5
	Designer	1	27
	Environmental Manager	3	100
	Environmental Pro	4	500
	Archeologist	1	4
GIS Analyst	1	22	
Clerical	2	100	
 <ul style="list-style-type: none"> Prime Consultant on multiple major EIS corridor projects throughout Louisiana in the past five years All proposed staff have multiple EA/EIS project experience Currently managing major environmental projects in the Greater Baton Rouge Area that require extensive NEPA knowledge Experience with LADOTD transportation projects requiring Interchange Justification Analysis Experienced in managing public outreach efforts with anticipated high impacts and public awareness. NEPA experts have completed many transportation projects Providing the talent and expertise for NEPA projects can bridge the gap between planners and engineers while satisfying regulatory requirements. 	Engineer	1	12
	Biologist/Wetlands	2	9
	Environmental Manager	1	1
	GIS Analyst	1	4



Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification
 <p>INTERNATIONAL</p> <ul style="list-style-type: none"> • Currently working on LA 30 Widening Environmental Clearance • Performed EA/EIS studies on large corridors from South Louisiana to North Louisiana • Staff experienced with DOTD Environmental Clearance along with Roadway, Bridges, and Hydraulics 	Principal	1	2
	Supervisor - Engineer	4	3
	Supervisor - Other	1	3
	Engineer	2	5
	Engineer Intern	3	5
	Engineer Other	2	5
	Engineer - Aide	2	3
	Environmental Pro	2	2
	GIS Analyst	1	3
	Senior Technician	1	5
	Technician	1	5
Administrative	1	2	
 <ul style="list-style-type: none"> • Currently working on cultural resources surveys for LA 1/LA 415 Connector and US 190/LA 415 Interchange • Conducted Phase I cultural resources surveys on large corridor projects in Louisiana, Texas, Mississippi and Arkansas • Senior staff have 20-40 years of experience working for LADOTD 	Archaeologist	2	6
	Archaeologist - Tech	2	6
	Historian	2	2
	Supervisor - Engineer	3	3
	Engineer	4	4
	Engineering Intern	1	1



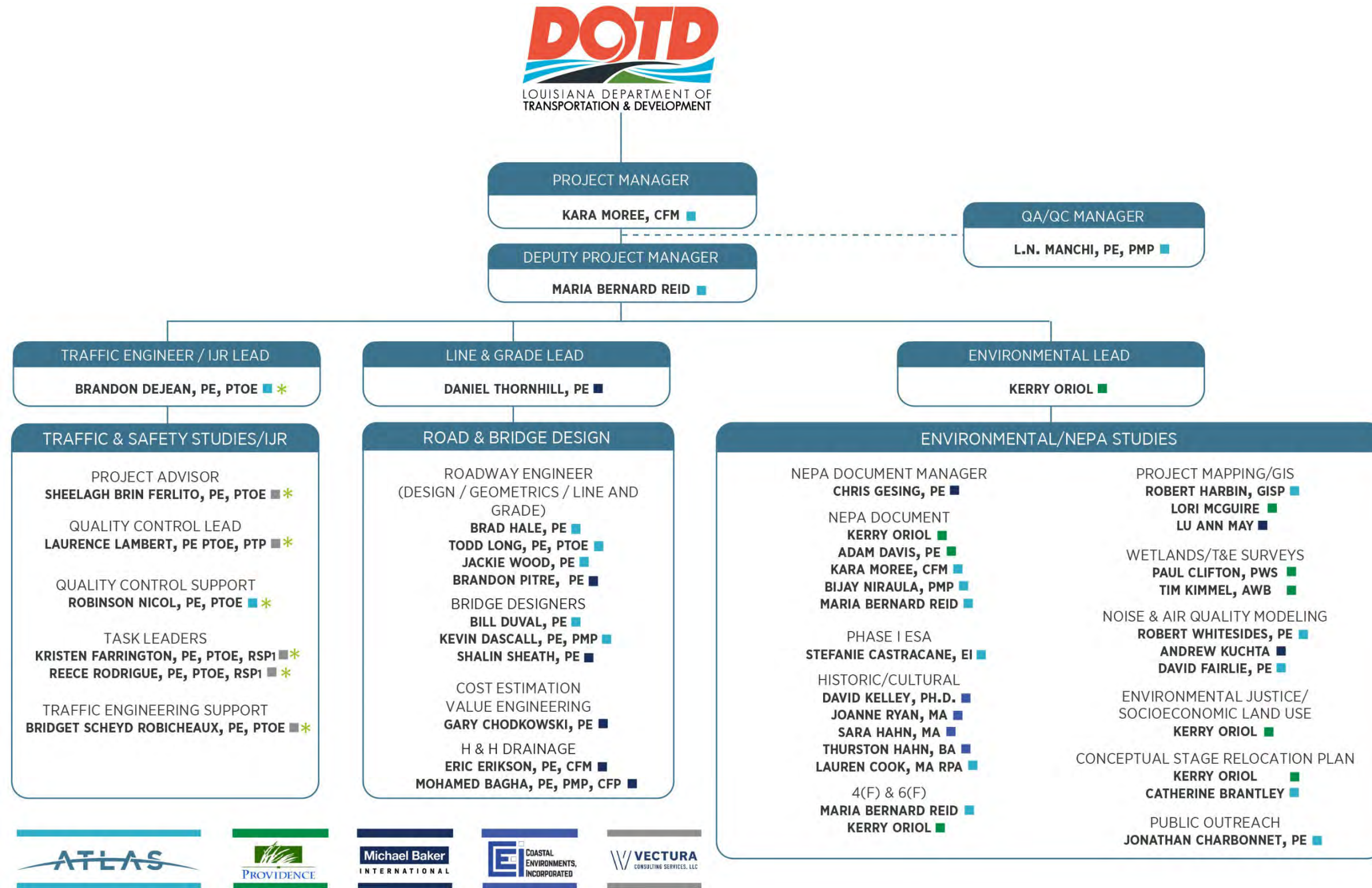
section

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organizational chart



14. Organizational Chart



*Performing Traffic Engineering Analysis and/or QA/QC

ADDITIONAL RESOURCES

In addition to our team of project managers and technical staff, Atlas employs more than 3,600 professional staff, including licensed mechanical, structural, and electrical engineers who will be available as needed to provide project support.



section 15

minimum personnel
requirements



15. Minimum Personnel Requirements:

MPR No.	Personnel Being Used to Meet the MPR	Firm Employed By	Type of License and Discipline Meeting MPR/ Certification & Number	State of License	License / Certification Expiration Date
1	Kara Moree, CFM	Atlas	n/a	n/a	n/a
2	Kara Moree, CFM	Atlas	n/a	n/a	n/a
3	Kara Moree, CFM	Atlas	n/a	n/a	NEPA and Transportation Decision Making, NHI Course #142005
	Chris Gesing, PE	Michael Baker	PE / Civil Engineering / 26996	Louisiana	NEPA and Transportation Decision Making, NHI Course #142005 PE Exp: 03/31/2025
	Kerry Oriol	Providence	n/a	n/a	NEPA and Transportation Decision Making, NHI Course #142005
4	Maria Bernard Reid	Atlas	n/a	n/a	n/a
5	David Kelley, Ph.D	Coastal	n/a	n/a	n/a
	Joanne Ryan, MA	Coastal	n/a	n/a	n/a
6	Sara Hahn, MA	Coastal	n/a	n/a	n/a
	Thurston Hahn, BA	Coastal	n/a	n/a	n/a
7	Buddy Gratton, PE	Atlas	PE / Civil Engineering / 43534	Louisiana	9/30/2023
	Todd Long, PE, PTOE	Atlas	PE / Civil Engineering / 43910 PTOE Certificate #1030	Louisiana	3/31/2024
	Daniel Thornhill, PE	Michael Baker	PE / Civil Engineering / 32367	Louisiana	09/30/2024
	Brandon Pitre, PE	Michael Baker	PE / Civil Engineering / 40975	Louisiana	03/31/2025

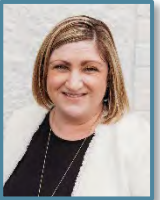


8	Brandon DeJean, PE, PTOE	Atlas	PE / Civil Engineering / 37234 PTOE Certificate #4721	Louisiana	9/30/2024
	Robinson Nicol, PE, PTOE	Atlas	PE / Civil Engineering / 44455 PTOE Certificate #4070	Louisiana	9/30/2024
	Sheelagh Brin Ferlito, PE, PTOE	Vectura	PE / Civil Engineering / 25383 PTOE #932	Louisiana	09/30/2023
	Laurence Lambert, PE, PTOE, PTP	Vectura	PE / Civil Engineering / 29901 PTOE #1303	Louisiana	03/31/2024
	Kristen Farrington, PE, PTOE, RSP1	Vectura	PE / Civil Engineering / 42785 PTOE #4863	Louisiana	03/23/2025
	Reece Rodrigue, PE, PTOE, RSP1	Vectura	PE / Civil Engineering / 42074 PTOE #4508	Louisiana	03/31/2024



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staff experience



Meets MPR #1, 2, and 3			
Firm employed by			
Name	Kara Moree, CFM	Years of relevant experience with this employer	2
Title	National Director – NEPA & Environmental Compliance	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		BS / 2005 / Resource Biology and Biodiversity	
Active registration number / state / expiration date		Certified Floodplain Manager / National Certification / January 2025 NEPA and Transportation Decision Making, NHI Course #142005 (2008) LADOTD Traffic Engineering Process & Report – Modules 1 -3 (2018) Traffic Control Supervisor / LA / ATSSA (2015) Traffic Control Technician / LA / ATSSA (2015 and 2022)	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		<p>Ms. Moree will serve as Project Manager for this project. Ms. Moree is a Certified Floodplain Manager with more than 17 years of environmental and project management experience, with a concentration on NEPA compliance, environmental documentation, permitting, stormwater, roadway, and drainage projects. Ms. Moree has a wide range of experience in transportation projects, including direct responsibility for environmental inventory, feasibility studies, NEPA documentation, community and stakeholder engagement, wetland delineations, permitting, and SWPPP preparation and inspections. Through previous employment with federal and local governments as well as with the private sector, she has provided technical assistance to various federal, state, and local agencies regarding environmental laws, regulations, and executive orders and has done extensive public outreach activities. In addition to project management responsibilities, Ms. Moree has served as the Environmental and Natural Resource Manager at previous firms, where she oversaw all aspects of environmental services, including Environmental Assessments (EA) and Environmental Impact Statements (EIS). Ms. Moree is intimately familiar with the environmental processes required for roadway design, ROW acquisition, and construction on state and local routes.</p>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(08/19 – 08/20)	S.P. No. H.012311.1: LA 429 at I-10 Connector (LA 30/LA 73) Stage 0 Study, Gonzales, LA, LADOTD – Ms. Moree served as Project Manager and oversaw the safety analysis of both the corridors and the interchanges and coordinated with the traffic engineering consultant in the development of the alternatives , preparation of the schematic design of alternatives , preparation of cost analysis for five alternatives, and evaluation environmental and right-of-way impacts .		
(08/20 – Present)	S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA – Ms. Moree serves as overall Project Manager for an Enhanced Planning Study for the new bridge crossing of the Mississippi River to alleviate traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. Three alternatives have been identified from the Enhanced Planning Study and will be analyzed further in Part 2 of the project, which consists of preparing the NEPA document to identify a preferred alternative.		



(01/21 – Present)	20-CP-HC-0014: MOVEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA – Ms. Moree serves as Environmental and Project Manager for this project that is part of the MOVEBR Program, designated as a New Capacity Improvement Project. Ms. Moree is overseeing Phase I – Design Study and Phase II – Final Design of a new <u>connector road</u> extending approximately two miles from Greenwell Springs/Sherwood Forest to its connection to Joor/Mickens Road. The Joor roadway is identified as part of the <u>road transfer program</u> and is a future Parish route. Greenwell Springs Road will remain a DOTD roadway. The project includes a new two-lane roadway with shoulders and open ditch drainage. The work also includes <u>enhancing traffic flow</u> within the intersection limits.
(05/14 – 12/16)	S.P. No. H.010572.1: Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44), Ascension Parish, LADOTD – Ms. Moree served as Environmental Project Manager responsible for performing the <u>Environmental Inventory</u> to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations for evaluating alternatives to improve the mobility of the corridor. Additional duties included identifying wetlands and preparing mitigation cost tables, stakeholder/public meetings, as well as creating Environmental Avoidance mapping using GIS.
(07/08 – 10/09)	S.P. No. 700-03-0001: Stage 0 Feasibility Study and Environmental Inventory for a New Interchange at I-10 and LA Hwy 74, LADOTD – Ms. Moree served as the Environmental Professional during her employment with Volkert, Inc. for this study to add an additional interchange in Ascension Parish. Project responsibilities included identifying any potential “show stopping” environmental constraints, identifying wetlands and avoidance, stakeholder/public meetings, GIS mapping, and ensuring compliance with NEPA.
(09/10 – 03/11)	S.P. No. 450-10-0159: I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 42), LADOTD – Ms. Moree served as an Environmental Professional for a design-build interstate widening project. Project included widening I-10 from two lanes in each direction to three lanes in each direction. Replacement of the existing bridge over the KCS Railroad was also included. Ms. Moree’s project responsibilities included all aspects of the Environmental permitting and compliance, delineation of wetlands, preparation of the Stormwater Pollution Prevention Plan (SWPPP) and performing the Louisiana Pollutant Discharge Elimination System (LPDES) Stormwater Inspections and report generation.
(08/18 – 08/20)	S.P. No. H.009153: US 84 Improvements Environmental Assessment, Winnfield, LA, LADOTD – Ms. Moree served as Project Manager overseeing all aspects of <u>NEPA compliance</u> for a supplemental agreement for this EA in support of the traffic analysis required when BH performed environmental assessments on the west and east side of Winnfield, including line and grade studies for several alternatives, environmental impacts, and traffic and bridge studies. <u>Public outreach</u> , stakeholders, and agencies meetings were held by BH in order to obtain comments on the proposed build alternatives. Nine build alternatives were developed with roundabouts, access management, and widening.
(07/14 – 01/17) Completed 2019	S.P. No. H.005734: LADOTD Stage 1 Environmental Assessment for LA 447 Corridor Study, Baton Rouge, LA – While with a previous employer, Ms. Moree served as the Project Manager for this 10-mile mobility and safety improvement project for LADOTD in Livingston Parish, LA. Ms. Moree assisted in providing environmental studies, <u>NEPA documentation/EA</u> , public, agency and stakeholder meeting coordination. Ms. Moree performed wetland delineations and oversaw all aspects of the environmental portion of the project. Ms. Moree organized and conducted the kick-off meeting, scoping meeting, stakeholder meeting, public meeting, assisted with data collection, schedule preparation, project work plan development and other project initiation activities. She oversaw the Phase 1 ESA, noise and air analyses and other environmental tasks. Since her departure in January 2017, the project received a supplement to revise alternatives and had an expected completion date of mid- 2019.
(05/13 – 08/20)	S.P. No. 700-99-0302/H.005257: LADOTD Environmental Impact Statement (EIS) for Houma-Thibodaux to I-10 Connection – North-South Corridor/ Hurricane Evacuation, Statewide – Ms. Moree served as the firm’s lead as a subconsultant for this project with a previous employer. Ms. Moree’s responsibilities included assisting with all environmental studies and <u>NEPA documentation</u> related to addressing alternative courses of action for developing a north-south hurricane evacuation route and suitable <u>mitigation plans</u> for all the <u>alternatives</u> , including the preferred alternative. Ms. Moree performed wetland delineations and Phase I ESAs. Ms. Moree also assisted with various sections of the EIS such as noise, vegetation and habitat, agriculture and farmland, threatened and endangered species, essential fish habitat, water quality, wild and scenic rivers, wetlands, and permits and mitigation.
(04/08 – 10/09)	S.P. No. 700-96-0007: Stage 0 Feasibility Study and Environmental Inventory for Additional Capacity of I-10 from Siegen Lane to Sorrento, LADOTD – Ms. Moree served as an Environmental Professional for a 19-mile interstate widening study. Project responsibilities included identifying any potential “show stopping” environmental constraints, identifying wetlands and avoidance, stakeholder/public meetings, GIS mapping, and ensuring compliance with NEPA.



Meets MPR #4			
Firm employed by			
Name	Maria Bernard Reid	Years of relevant experience with this employer	1
Title	NEPA Environmental Specialist	Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		MS / 2000 / Agribusiness and Agricultural Economics – Natural Resources Policy BS / 1998/ Forest Management and Wildlife NEPA and Transportation Decision Making, NHI Course #142005 (2014) LADOTD Traffic Engineering Process & Report – Modules 1 -3 (2023) Endangered Species Act Section 7 Interagency Consultation Training USFWS (2006) Traffic Control Technician / LA / ATSSA (2022) USACE Wetland Delineation Manual Training (2003) NHPA Section 106 NPI (2013) Applying Section 4(f) NHI Course #142073 (2015)	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Ms. Reid will serve as Deputy Project Manager. Ms. Reid has over 23 years of experience in environmental and regulatory compliance in both the private and public sectors. She is well-versed in the preparation of NEPA documents , protected species surveys and management, impact analysis , natural resources management, wetland delineations, land use planning, pedestrian and bicycle planning , and public outreach . She has managed, planned, and participated in projects requiring protected species surveys, general wildlife inventories, forest inventories, biological assessments (BAs), wetland delineations and permitting, categorical exclusions, environmental assessments (EAs), and environmental impact assessments (EIS) in Louisiana, Mississippi, Alabama, Michigan, New York, Georgia, Tennessee, Florida, Arkansas, Texas, California, New Mexico, and Arizona, as well as numerous wetland delineations in Louisiana, Mississippi, Alabama, and Florida.	
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 years of experience specified in the applicable MPR(s).		
(01/22 – Present)	S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA – Ms. Reid serves as Environmental Lead for an Enhanced Planning Study and for the Environmental Assessment for the new bridge crossing of the Mississippi River to alleviate traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls.		
(01/22 – Present)	20-CP-HC-0014: MOVEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA – Ms. Reid serves as Environmental Lead for this project that is part of the MOVEBR Program, designated as a New Capacity Improvement Project. The Joor roadway is identified as part of the road transfer program and is a future Parish route. Greenwell Springs Road will remain a DOTD roadway. The project includes a new two-lane roadway with shoulders and open ditch drainage. The Sherwood Forest Extension is a greenfield project connecting Sherwood Forest at Greenwell Springs to Joor Road at Mickens. The work also includes enhancing traffic flow within the intersection limits.		
(12/18 – 06/21)	Land Use, Transportation, and Resilience: Scenario Planning Study for East Tangipahoa Area: Tangipahoa Parish, LA – Ms. Reid served as Project Manager. This project was a conceptual planning exercise for the Regional Planning Commission and Tangipahoa Parish to establish a record of the existing land use and transportation infrastructure and to model and to project future land use and		



	<p>transportation needs in a part of Tangipahoa Parish that is experiencing rapid residential growth. I served as the Project Manager; establishing a Project Management Committee; preparing a demographic and economic summary report; overseeing traffic data collection and analyses; collecting available utilities data; preparing conceptual land use, transportation, and resilience scenarios appropriate for low-, medium-, and high-density development; projected demographic data for each of the density development scenarios for future condition modelling (Transportation Demand Model) of the Study Area. The products of this effort can be incorporated into the RPC and Parish planning data libraries and GIS geodatabases.</p>
(09/18 – 04/21)	<p>Manchac Greenway: Tangipahoa Parish, LA – Ms. Reid served as Project Manager. Tangipahoa Parish Government contracted ELOS to provide alternatives, costs, and to propose construction phasing for the proposed Manchac Greenway project. This project is a 10.3-mile multi-use path (bicycles and pedestrians) from Ponchatoula south to Manchac Pass generally along U.S. Highway 51. I served as the project manager and planner. I presented proposed plans to the Manchac Greenway Committee, coordinated needs and goals with Parish Government officials, and prepared a long-term planning document which detailed a phased construction plan and provided funding alternatives for the proposed Manchac Greenway.</p>
(09/13 – 02/17)	<p>S.P. H.002344: LA 427 (Perkins Road): Siegen Lane – Highland Road (Environmental Assessment) – Ms. Reid served as Environmental Lead. This project would widen Perkins Road from a two-lane roadway with poor level of service to a four-lane divided roadway with improved level of service with implementation of access management. The project was proposed as part of the Road Transfer Program and Mayor Holden’s Green Light Program. The EA and line and grade-level design were prepared by consultants; however, Ms. Reid was involved in project decisions including extension of the project termini (extension from Pecue to Highland in September 2014); additional noise studies with homeowner association outreach in 2016; EA and technical report review, comment, and submittal to FHWA. FHWA signed the Finding of No Significant Impact on February 9, 2017.</p>
(07/14 – 09/16)	<p>S.P. H.011295: LA 73 (Government Street): Road Diet (Categorical Exclusion) – Ms. Reid as the Environmental Coordinator. She planned and conducted public meetings; facilitated landowner/business owner outreach; represented DOTD at local government meetings; and wrote the environmental document. The Government Street Road Diet was spotlighted by former Mayor Holden; was featured in local media; and garnered public praise and opposition. FHWA approved the Categorical Exclusion on September 8, 2016. The project had an anticipated July 2017 letting date.</p>
(12/14 – 09/17)	<p>Interstate 10 Widening: I-49 eastward to Atchafalaya Floodway Bridge (Categorical Exclusions, S.P. H.003003, H.010601, H.003014) – Ms. Reid served as Environmental Lead. This project was completed on an accelerated schedule in order to qualify for FASTLANE Grant funding. Each of the three sections were processed using Categorical Exclusions: 1) I-49 to LA 328, 2) LA 328 to LA 347, and 3) LA 347 to Atchafalaya Floodway Bridge. As the Environmental Coordinator, Ms. Reid prepared each Categorical Exclusion which required public outreach including solicitation of views and public meetings.</p>
(8/14 – 9/18)	<p>S.P. H.004791: LA 23: Belle Chasse Bridge & Tunnel (Environmental Assessment) – Ms. Reid actively advised the DOTD Environmental Task Leader during the NEPA phase of this project which would replace both the two-lane, movable Judge Perez bridge and the two-lane Belle Chasse tunnel with a four-lane fixed bridge over the Gulf Intracoastal Waterway (GIWW). The project was complex due to high traffic volumes on the LA 23 couplet using the Judge Perez Bridge and Belle Chasse Tunnel to cross the GIWW daily and during emergency evacuations of Plaquemines Parish, the condition of both the bridge and tunnel being beyond their design-lives, frequent bridge openings to allow for maritime traffic in the GIWW, frequent and extended tunnel closures for maintenance and repairs, the potential use of tolls to partially cover construction costs, environmental justice concerns, and the eligibility for both the bridge and tunnel to be listed on the National Register of Historic Places (NRHP).. Ms. Reid specifically worked with FHWA to separately document the impacts to the NRHP-eligible bridge and tunnel pursuant to Section 4(f) of the Department of Transportation Act of 1966 (49 US Code 303) and Section 18(a) of the Federal Aid Highway Act of 1968 (23 US Code 138). FHWA signed a Finding of No Significant Impact for the project on January 8, 2019.</p>



Firm employed by			
Name	L.N. Manchi, PE, PMP	Years of relevant experience with this employer	22
Title	National Director, Program and Quality Management	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		MS / 1991 / Civil Engineering BS / 1988 / Civil Engineering	
Active registration number / state / expiration date		PE #1879 / California / 9/30/2023 PMP #2269879 / Nationwide / No Exp Date	
Year registered	1997	Discipline	Traffic Engineer
Contract role(s) / brief description of responsibilities		Mr. Manchi will serve as QA/QC Manager. Mr. Manchi has 34 years of experience in environmental planning, traffic engineering, transportation planning, and transit planning projects. Among his responsibilities are managing Atlas's environmental services and transportation planning groups. This includes the work of Atlas transportation planners, traffic engineers, ecologists, archaeologists, historians, air and noise specialists, and NEPA specialists in producing environmental documents for federally funded projects. He has also worked on a variety of transportation projects, including traffic impact studies, transportation and transit planning studies, and transportation and circulation elements for inclusion in Environmental Impact Reports (EIRs) and Environmental Assessments (EA's); corridor studies, alternatives analysis, major investment studies (MIS), transportation improvement and mitigation program (TIMP)-related studies, general/master/specific plan studies, neighborhood traffic studies, parking studies, and circulation/access studies.	
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 years of experience specified in the applicable MPR(s).	
(11/19 - Present)	<p>P.I. No. 0012698 I-85 at SR 324 Interchange Justification Report (IJR), Gwinnett County, GA - This Interchange Justification Report (IJR) provided justification and documentation of the need for additional access to Interstate 85 at SR 324 in Gwinnett County, Georgia. The proposed project consisted of constructing a compressed diamond interchange and relocating Morgan Road to accommodate the proposed interchange ramps. Mr. Manchi, Environmental Services Manager, led this effort and ensured that the GDOT Project Manager, OES staff, GCDOT staff, and FHWA staff worked toward the common goal of consistency and clear demarcation of mitigation responsibilities. A detailed disposition letter summarizing the responses for each of FHWA's comments was provided with the revised document seeking approval. Mr. Manchi and his staff's working relationship with agencies allowed us to work through the traffic and environmental hurdles before the let authorization for this project.</p>		
(10/15 - 05/18)	<p>GDOT P.I. No. 0007526 - State Route 400 at McGinnis Ferry Road Interchange Justification Report (IJR), Fulton and Forsyth Counties, EA/FONSI - Mr. Manchi managed the environmental assessment and all the special studies (including Ecological studies with threatened and endangered species habitat assessment and reports) for the referenced project in consultation with GDOT OES and FHWA. The project consisted of constructing a new location full-diamond interchange on State Route (S.R.) 400 at McGinnis Ferry Road. During the preparation of the concept report, various interchange alternatives were assessed. Mr. Manchi managed the development of VISSIM and CORSIM models to assess the best-performing traffic alternative before finalizing the preferred alternative. Also, he managed the responses to all the citizen comments from the public hearing open house and during the comment period. He submitted to GDOT for review, comment, and approval.</p>		
(08/20 - Present)	<p>S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA - Mr. Manchi provides high-level environmental planning, traffic engineering, transportation planning, and transit planning for an Enhanced Planning Study for the new bridge crossing of the Mississippi River for the purpose of alleviating traffic congestion in the Capital Region. The five- parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new "south" Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of, LA 30) on the east side of the Mississippi River. Three alternatives have been</p>		



	identified from the Enhanced Planning Study and will be analyzed further in Part 2 of the project, which consists of preparing the NEPA document to identify a preferred alternative.
(07/22 – Present)	Clayton Interchange Feasibility Study: Conley I-285, Clayton County, GA – Mr. Manchi served as Project Manager for a study to determine the feasibility of a new Conley Rd interchange at I-285. New Conley Rd interstate access would provide a direct connection from I-285 to Hartsfield-Jackson Atlanta Airport’s International Terminal. The study area includes approximately 3.5 miles of I-285, the I-285 interchanges with South Loop Road, I-75, US 41, SR 54, and the associated arterial corridors with signalized intersections. Mr. Manchi prepared a technical document summarizing the goals of the project, methodology, existing conditions, and the technical analysis. The feasibility study and the final deliverables complied with all applicable State and Federal regulations and guidelines and serve as a natural precursor to an eventual Interchange Justification Report (IJR) , and Plan preparation as the project advances to the future phases.
(01/21 – Present)	20-CP-HC-0014: MOVEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA – Mr. Manchi is performing quality assurance and quality control for this project that is part of the MOVEBR Program, designated as a New Capacity Improvement Project. The Joor roadway is identified as part of the road transfer program and is a future PARISH route. Greenwell Springs road will remain a DOTD roadway. The project includes a new two-lane roadway with shoulders and open ditch drainage. The Sherwood Forest Extension is a greenfield project connecting Sherwood Forest at Greenwell Springs to Joor Road at Mickens. The work also includes enhancing traffic flow within the intersection limits.
(09/18 – 08/21)	PI #522570: Georgia Department of Transportation (GDOT), US 84 Connector EA, Liberty County, GA – Mr. Manchi was the project manager for this 2.8-mile new location roadway proposed to relieve truck traffic congestion along the existing SR 119. He oversaw the successful completion of all the technical studies, Draft EA, and Final EA/FONSI. Additionally, he managed the virtual public outreach activities, especially for the Environmental Justice (EJ) population.
(01/15 – Present)	GDOT Effingham Parkway, Effingham & Chatham Counties, GA – Mr. Manchi served as the project manager for the overall design, environmental, geotechnical, and bridge-related engineering work for this six-mile-long new location project in Effingham and Chatham Counties. Mr. Manchi and his team coordinated with the US Army Corps of Engineers (USACE) on the Practical Alternatives Review (PAR), Individual Permit (IP) application process, and the Restrictive Covenant Amendment application process. This project had a conservative easement area through which the alignment had to be designed carefully with minimal impacts .
(11/21 – 11/22)	Hinesville Area Metropolitan Planning Organization: EG Miles Parkway Corridor Study, Hinesville, GA – Mr. Manchi served as a Quality Assurance/Quality Control Engineer on this study that focused on capacity and safety improvements based on findings in a previous Road Safety Audit (RSA) performed by Georgia Department of Transportation (GDOT) a few years prior. The scope included data collection , review of existing plans, traffic modeling, incorporation of GDOT RSA recommendations, schematic plans, signal warrants screening, ICE analysis, cost estimation, and detailed reporting. A multi-lane roundabout was included at one location as an additional analysis .
(03/22 – Present)	GDOT Engineering Design Review On-Call Services, Statewide, GA – Mr. Manchi served as a Quality Assurance/Quality Control Engineer for Field Plan Reviews on behalf of the Georgia Department of Transportation and reviews engineering plans for quality. The Atlas team has performed over 400 project reviews, worth more than \$4.5 billion in construction. Reviews ensure conformance to AASHTO, GDOT Design Policy Manual, GDOT standards, details, specifications and special provisions, Plan Development Process (PDP) and Plan Presentation Guide (PPG). Plan conformance to concept report, value engineering implementation and green sheet is also reviewed. Project types include traffic signal upgrades widenings, interchanges , bridge replacements, multi-purpose trails.
(11/08 – 06/10)	Jackson County Comprehensive Transportation Plan, Jackson County, GA – Mr. Manchi served as the principal-in-charge for the Jackson County Comprehensive Transportation Plan (CTP). Oversaw Atlas staff effort during the preparation of the Comprehensive Transportation Plan (2008-2028) for Jackson County by studying its existing roadway network and identifying current and future issues , problems, and deficiencies, resulting in recommendations of various future implementation projects or programs. Ensured that this long-range comprehensive transportation plan facilitated integrating land use and transportation decision-making to identify existing and future roadway capacity and operational problems, to formulate transportation goals, objectives and policies that guide future growth, and to prepare a long-range list of capital projects to resolve present and future needs in a financially feasible manner .




Meets MPR #8			
Firm employed by			
Name	Brandon DeJean, PE, PTOE	Years of relevant experience with this employer	<1
Title	Transportation Engineer	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		BS / 2007 / Civil Engineering	
Active registration number / state / expiration date		PE #37234 / Louisiana / 09-30-2024 PTOE #4721	
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. DeJean will serve as Traffic Engineer / IJR Lead. He has over 15 years of experience working for consultants and state government including over ten years of progressive experience with LADOTD's Traffic Engineering Division. He provided direction and support through the planning, study, modeling, design, and review of geometric features (intersections and interchanges), traffic control devices, and changes in access components of projects. He was instrumental in the development and implementation of LADOTD policy and procedures for the preparation of Traffic Engineering Reports and Interchange Justification Reports (IJR). He has a comprehensive knowledge of the Highway Capacity Manual, Manual on Uniform Traffic Control Devices, LADOTD EDSMs, standard plans & specifications, and traffic engineering policy. He provided expert assistance to LADOTD staff and consultants with scoping, performing, and reviewing IJR's.	
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 years of experience specified in the applicable MPR(s).		
(06/13- 07/22)	<p>H.003931 I-10 Calcasieu River Bridge, Calcasieu Parish, LA - Task Lead for IJR prepared in conjunction with the NEPA process to satisfy FHWA's 8 Interstate Access Policy Points and LADOTD EDSMs & guidelines. Project includes replacement of the I-10 Calcasieu River Bridge, I-10 widening from I-210 to I-210, and interchanges modifications. Study area included nine miles of I-10 corridor from PPG Dr to US 171 as well as corridors and interchanges of PPG Dr, Sampson St, Ryan St, and Enterprise Blvd. Tasks included data collection, operational analysis of freeway facilities and arterials using VISSIM and Highway Capacity Software (HCS7), critical geometry, safety analysis, and final report to discuss findings & recommendations. Key highlights as IAJR Task Lead throughout the project included:</p> <ul style="list-style-type: none"> Kept LADOTD Project Manager informed throughout NEPA process on IJR-related tasks along project schedule's critical path. Directed project team during data collection and ensured traffic data included critical movements and areas of known congestion to ensure subsequent VISSIM & HCS7 models appropriately replicated field conditions. Supervised initial VISSIM model development and, upon project's transition to HCM based analysis, developed HCS7 multi-period analysis freeway facility models for use on subsequent no build and build alternatives. During Tier 2 Final Alternative Analysis, led design workshops with project team's IJR and line & grade personnel to ensure all build alternatives effectively incorporated operational analysis results in critical geometry for weaving segments, merge/diverge areas, and ramp terminal intersections. For Tier 3 Analysis, provided direction to traffic engineering personnel and reviewed interstate guide sign layouts to confirm preferred alternative's feasibility based on interstate guide sign locations and messages per MUTCD. 		
(05/15 - 07/21)	<p>H.003915 I-49 Inner City Connector, Caddo Parish, LA - Task Lead for IJR's prepared in conjunction with the NEPA process to satisfy FHWA's 8 Interstate Access Policy Points and LADOTD EDSMs & guidelines. Project includes connection of I-49 from I-220 to I-20, modification of the I-220 & I-20 interchanges, and new interchanges at Hearne Ave and Ford St. Study area included 7.5 miles of I-49 from LA 3194 to Hollywood Ave, 3.5 miles of I-20 from US 79 to Diamond Jacks Blvd, 3 miles of I-220 from LA 173 to US 171 and a total of 14 interchanges.</p>		



	Tasks included initial & final data collection, HCS operational analysis of freeway facilities & arterials, safety analysis and final report to present results and recommendations.
(03/14 - 04/14)	H.003370 I-220 at I-20 Interchange Improvements & Barksdale Air Force Base Access, Bossier Parish, LA – Task Lead for IJR prepared to satisfy FHWA's 8 Interstate Access Policy Points. Project included modification of I-20 at I-220 interchange and extension of I- 220 to a new base entry control facility. Study area included I-20 and interchanges as well arterial corridors connected to multiple existing base entry control facilities. Tasks included data collection, HCS/VISTRO operational analysis of freeway facilities and arterials, special analysis for base entry facility operations, safety analysis, Tier 1 Analysis, Final Alternative Analysis, and final report to present results and recommendations,
(05/13 - 05/15)	H.003298 Tarbutton Road Interchange and I-20 Frontage Road, Lincoln Parish, LA – Task Lead for IJR prepared to satisfy FHWA's 8 Interstate Access Policy Points and LADOTD EDSMs & guidelines. Study area included the I-20 interchanges at Tarbutton Road, LA 149, and LA 544. Tasks included initial & final traffic data, HCS operational analysis of freeway facilities and arterials, safety analysis, and final report to discuss findings and recommendations.
(05/12 - 04/13)	H.010151 I-210 Interchange Justification Report – Cove Lane to Nelson Road, Calcasieu Parish, LA –Task Lead for IJR prepared to satisfy FHWA's 8 Interstate Access Policy Points and LADOTD EDSMs & guidelines. Study area included new access for I-210 at Cove Lane and modification of the Nelson Road interchange as well as associated arterial corridors and intersections. Tasks included data collection, HCS operational analysis of freeway facilities and arterials, safety analysis, and final report to present results and recommendations.
(04/21 - 06/21)	H.09620 I-10 LA 108 to I-210 Auxiliary Lanes, Calcasieu Parish, LA – Task lead for IJR prepared to satisfy FHWA's 8 Interstate Access Policy Points and LADOTD EDSMs & guidelines for I-10 between LA 108 and I-210 due widening. Modification included converting the isolated merge (on ramp) and diverge (off ramp) freeway segments to connected freeway weaving segments using auxiliary lanes. Tasks included HCS7 operational analysis of freeway facilities, safety analysis and final report to present results and recommendations
(08/12 - 04/13)	S.P. 455-09-007 & 455-09-08 I-49 North Signage (US 71 to Arkansas State Line), Caddo Parish, LA - Prepared final signing and striping plans for 12 miles of I-49 and the US 71, LA 2, Myra Myrtis Rd, and LA 168 interchanges. Design included interstate guide sign sizing/placement and striping layout, all in compliance with the MUTCD.
(01/12-10/12)	H.003363 – I-220 Phase 1 Sign Upgrades – I-20 to LA 538 Bossier Parish, LA - Prepared final signing and striping plans for 13 miles of I-220 and the I-220, Us 79, Shed Rd, Swan Lake Rd, interchanges. Design included interstate guide sign sizing/placement and striping layout, all in compliance with the MUTCD.
(08/20 -03/21)	H.010753 US 90 at I-310, St Charles Parish, LA –Prepared of a traffic engineering study to evaluate alternatives that help alleviate congestion at the I-310 northbound and southbound ramp terminal intersections at US 90 in St Charles Parish, LA. The traffic study was prepared to satisfy LADOTD EDSMs and guidelines. Tasks included data collection, operational analysis of arterials using Highway Capacity Software and final report to present results and recommendations.
(03/16-03/18)	H.004367 – LA 3139 Earhart Expressway Extension to US 61, Jefferson Parish, LA – Re- evaluation of the extension of Earhart Expressway from its existing terminus at Dickory Ave with a proposed connection to US 61 as included in a SEIS. The connector serves as the eastern portion of a larger East-West Corridor Project to widen US 61 from four lanes to six lanes through Jefferson and St Charles Parishes to I-310. Tasks included existing data and plans review, traffic data collection, traffic demand modeling, forecast traffic analysis, conceptual development of 3 alternatives, and preparation of a traffic engineering study. Alternative concepts considered the transition from the controlled-access Earhart Expressway to US 61 by applying access management strategies to the corridor from Hickory Ave/David Dr to Roosevelt Ave.
(07/22 - Current)	Clayton Interchange Feasibility Study: Clayton County, GA – Study to determine the feasibility of new Conley Rd interchange at I-285. Conley Rd interstate access would connect I-285 to Hartsfield-Jackson Atlanta Airport's International Terminal. Study area includes 3.5 miles of I-285 mainline, existing South Loop Rd, I-75, US 41, SR 54 interchanges & arterials Performed HCS freeway segment analysis and Synchro signalized intersection analysis, prepared feasibility study to describe methodology, existing and no-build conditions with MOE results, proposed alternative descriptions, and comparison of alternatives' MOEs to the no-build condition.




Meets MPR #8			
Firm employed by			
Name	Sheelagh Brin Ferlito, PE, PTOE	Years of relevant experience with this employer	7
Title	Supervisor	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		BS / 1988 / Civil Engineering	
Active registration number / state / expiration date		PE #25383 / Louisiana / 9-30-2023 PTOE #932	
Year registered	1993	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Advisor of Traffic and Safety Studies / IJR	
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 years of experience specified in the applicable MPR(s).		
(07/19 – current)	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP, Belle Chasse, LA – Ms. Ferlito is the Project Manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and Engineers Rd. She based her traffic signal plans and timings on design year volumes developed using the New Orleans Regional Planning Commission Travel Demand Model growth rates. This project is the first-ever Public-Private-Partnership performed by Louisiana DOTD.		
(04/18 – 12/21)	H.011909.5-4 Roundabout: US 171 at Boone St., Vernon Parish – Ms. Ferlito reviewed 60% of preliminary signing and striping plans and developed documented comments based on DOTD Road Design Manual, DOTD Standard Details, and MUTCD. She was also the project manager for the design of temporary traffic signal plans implemented during the roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. She coordinated access management issues using aerials, aged traffic volumes, and Synchro.		
(09/20 – 12/21)	H.010960.5 LA 30 Roundabouts at Tanger I-10, Ascension Parish – Ms. Ferlito was the Project Manager for the design of temporary traffic signal plans implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involved replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each construction phase to maintain progression along LA 30.		
(07/18 – 04/19)	LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA - Ms. Ferlito developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines, followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses, and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction costs. She also assisted the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.		
(09/17 – 04/18)	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design, Slidell, LA – Ms. Ferlito developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. She assisted with vehicle and pedestrian data collection, analyzed three-year intersection crash data, and developed signal timing for pedestrians to cross the street.		
(11/17-07/18)	H.972274 Phase 2 Travel Demand Model Update: Southeast Louisiana Travel Model (New Orleans, LA) - Ms. Ferlito tested the updated travel demand model and evaluated its usefulness for the New Orleans Regional Planning Commission (RPC) and traffic engineers / planners in the region who were performing corridor studies or traffic analyses. She submitted a model run request		



	related to an actual or mocked up traffic analysis project. Ms. Ferlito reviewed the model outputs for reasonableness and / or compared them to observed counts. Ms. Ferlito provided feedback to RPC regarding the process and the results. She worked collaboratively and iteratively with the client to revise the request and / or the model inputs to achieve reasonable results.
(09/16-04/17)	H.004957.5 I-12 To Bush - LA 3241 (I-12 - LA 36) Corridor Study (St. Tammany Parish, LA) - Ms. Ferlito was the project manager of a formal DOTD traffic study for the new alignment of LA 3241 to obtain both existing and projected future traffic variables per standard operating procedures typically performed in these types of analyses. The traffic study included alternative analyses to improve the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. Specific access management features examined included intersection improvements, median openings, U-turns, spacing and type of openings, and signalization of intersections and roundabouts. Ms. Ferlito developed the safety analyses report for the project
(06/16-09/17)	H.004490 Stage 0 Roundabout Studies (Lafayette Parish, LA) - Ms. Ferlito developed sections of a Stage 0 Feasibility Study for roundabouts that conformed to DOTD EDSDMs and Traffic Engineering Manual Section 20.2 at ten intersections in the Lafayette area. Brin and Laurence collected 7-day, 24-hour counts w/ classification, turning movement counts for AM and PM peak periods, and speed data for mainlines. She provided a QC review of the Sidra analyses, developed traffic signal timing for three intersections for Years 2019 and 2039, AM & PM peak hours, and developed a crash analysis as defined in Section 20.2 of TEM. CMF factors were identified for the preferred alternative to predict the number of crashes that could be eliminated. Brin provided a QC review of the final draft.
(08/12-05/13)	H.009998 LA 935 Safety / Stage 0 Study (Ascension Parish, LA) - Ms. Ferlito developed the safety analyses report for the Stage 0 Study. She coordinated and collected existing traffic data using Jamar equipment. She used HCS and Interactive Highway Safety Design Model (IHSDM) Software for the analyses. Ms. Ferlito developed MicroStation drawings with scaled aerials to show crash diagram locations and proposed alternate layouts. Histograms developed in Excel were used to compare various crash conditions with statewide averages. Crash records for three years were obtained from crash1 database.
(02/08 - 04/16)	CE&I for EBR Traffic Signal Systems Phase IV and Phase VA Construction SPN 013-05-0043 and H.001609.6, Baton Rouge, LA - Ms. Ferlito was the project Resident Engineer for the construction of 66 traffic signals in Baton Rouge. She maintained records of the contractor's daily operations and recorded significant events that affected construction progress. Ms. Ferlito coordinated all utility issues, shop drawing submittal review, schedule review, monthly progress meetings, daily installed quantities, concrete sampling for DOTD materials lab, change orders, and monthly contractor pay estimates. She also coordinated with the DOTD ITS division for fiber splicing into interstate fiber backbone and ATM / EOC building. Daily logs, quantities, change orders, and pay estimates were recorded in DOTD Site Manager.
(04/14 - 12/14)	H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project, Baton Rouge, LA - As the Project Engineer, Ms. Ferlito designed three signalized intersections as part of a road widening project per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimates. She also performed tasks to develop the striping plans and sequence of construction plans, including temporary signal equipment placement due to lane shifts during construction.




Meets MPR #8			
Firm employed by			
Name	Laurence Lambert, PE, PTOE, PTP	Years of relevant experience with this employer	7
Title	Supervisor	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		BS / 1997 / Civil Engineering MS / 2006 / Civil Engineering (transportation focus) MBA / 2010	
Active registration number / state / expiration date		PE #29901 / Louisiana / 3-31-2024 PTOE #1303	
Year registered	2002	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Quality Control Lead of Traffic and Safety Studies / IJR	
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 years of experience specified in the applicable MPR(s).		
(07-16-01/17)	FHWA Intersection & Interchange Geometrics: Innovative Design Considerations for All Users (Norfolk, VA) - At the request of the FHWA division office for Virginia, Mr. Lambert was asked to peer review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, changing an interchange, and implementing a DLT. Vectura reviewed and commented on the intersection geometry, pavement markings, and signage. The findings were summarized in a technical memorandum as well as “red line” comments were scanned and submitted to the FHWA Virginia Division office for their use.		
(02/14-06/14)	I-10 / Essen Lane Interchange Modification Request (IMR) Study (Stage 0) - Mr. Lambert conducted a Stage 0 traffic study as part of an IMR analyzing a Diverging Diamond Interchange (DDI) at I-10 and Essen Lane, between College Drive and Bluebonnet Boulevard. The study addressed the need for the interchange based on current and future traffic volumes, analyzed the interchange to determine lane geometry and level of service, and analyzed adjacent intersections to determine the impact of the additional interchange both before and after. He performed all HCS analysis as well as developed a micro-simulation model in VISSIM.		
(03/10-11/11)	S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA) - This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the Stage 0, Mr. Lambert was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).		
(11/09-08/10)	I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA) - The scope of this project consisted of preparing and obtaining environmental clearance for the proposed future roadway and signal improvements at the I-12 / Millerville Road Interchange. Mr. Lambert developed all HCS analyses and a micro-simulation model of the preferred alternative. He also participated in several public meetings to satisfy the environmental clearance requirements.		
(04/04 – 09/06)	Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA) - Mr. Lambert was the lead traffic engineer for a Stage 0 traffic study analyzing the proposed interchange at I-10 and Pecue Lane. He developed current and future traffic volumes based on the CRPC TransCAD model growth rates. Using HCS, he analyzed signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Mr. Lambert also developed a micro-simulation model in both VISSIM and TSIS.		
(04/04-12/04)	I-10 Frontage Roads, Picardy Interchange, Bluebonnet and Siegen (Baton Rouge, LA) - Mr. Lambert provided the traffic analysis for a highly unique reconfiguration of interstate ramps that included frontage roads and an overpass of I-10 for new an interchange at		



	<p>Picardy. HCS and VISSIM were the primary analysis tools for the analysis. As part of the design team that developed the concept for this project, He performed feasibility studies, developed design criteria, and coordinated with city, state and federal agencies for approvals as well as gathered public input. Mr. Lambert prepared traffic signal timings and designs that included cost estimates for the project.</p>
(01/21 - current)	<p>H.005168.2 New Orleans Rail Gateway Environmental Impact Statement, Jefferson and Orleans Parish, LA - The Jefferson Highway-Rail Crossing Relocation project will evaluate relocating the NOPB at-grade crossing to the KCS at-grade crossing. The grade separating each combined crossing (roadway over rail) will also be evaluated. Mr. Lambert is the Principal-in-Charge of the project and is responsible for all quality control functions. Currently, Appendix B and Chapter 1 have been approved by DOTD.</p>
(10/17 - 10/18)	<p>H.013025 LA 182 (University Avenue) Corridor Planning Study, Lafayette, LA - Mr. Lambert was the Lead Transportation Engineer for a Corridor Planning Study of LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Mr. Lambert collected AM & PM peak vehicle turning movement counts and pedestrian and bicycle counts. He coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes. Mr. Lambert then performed a Highway Capacity Manual analysis for five intersections along the intersection analyses for the signalized and roundabout controlled alternatives. A safety analysis of five intersections and intermediate segments was included in the study. Based on the safety analysis results, Mr. Lambert provided design criteria to the design team for improving the safety of pedestrians, bicycles, and vehicles.</p>
(02/17 - 10/17)	<p>STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study, St. Tammany Parish, LA - Mr. Lambert developed a Stage 0 Feasibility Study for roundabouts at four intersections in the Mandeville area. Mr. Lambert and Ms. Ferlito collected seven-day, 24-hour counts w/ classification on mainlines, turning movement counts for peak periods, and speed data for mainlines. Mr. Lambert coordinated with the NORPC to develop growth rates and design year volumes from the TransCAD model. He performed traffic signal warrants analyses and performed a Sidra unsignalized, signalized, and roundabout analyses.</p>
(06/16 - 09/17)	<p>H.004490 Stage 0 Roundabout Studies, Lafayette Parish, LA - Mr. Lambert performed a Stage 0 Feasibility Study for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Mr. Lambert collected 7-day, 24-hour counts with classification, turning movement counts for peak periods, and speed data for mainlines. Once the traffic data was collected, he performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized, and roundabout analyses. After completing the analyses, Mr. Lambert developed a report that captured the results.</p>
(09/16 - 04/17)	<p>H.004957.5 I-12 To Bush - LA 3241 (I-12 - LA 36) Corridor Study, St. Tammany Parish, LA - Mr. Lambert was the lead traffic engineer for a DOTD traffic study for the new LA 3241 alignment to obtain both existing and projected future traffic variables per standard operating procedures typically performed in these types of analyses. Mr. Lambert worked closely with the NORPC and District 62 to develop design year volumes using data from the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Mr. Lambert and Ms. Ferlito collected seven-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods, and speed data for mainlines. Mr. Lambert also developed a VISSIM traffic simulation model of the preferred alternative.</p>
(01/17 - 07/17)	<p>H.972216.1 Stage 0 Feasibility Minnesota Park Road Improvements, Tangipahoa Parish, LA - Mr. Lambert was the task leader for traffic data collection and intersection analyses of a Stage 0 Feasibility Study. He utilized the Highway Capacity Manual Analyses software Sidra software to perform an alternative analysis. Mr. Lambert was the principal author of the traffic study for Stage 0.</p>
(03/13 - 07/13)	<p>RPC Task S-5.13 MTP Refinement: Road Safety Assessment for US 190 Gause Boulevard, Slidell, Louisiana - Mr. Lambert was the Project Manager for a road safety assessment for US 190, a high-accident corridor in Slidell, to identify the different safety issues as well as recommend potential safety improvements. Crash data, traffic volumes, traffic speed, signal timings, and phasing information from the NORPC and other resources were gathered and analyzed. Road safety issues and improvements included speed, multi-modal considerations, pavement marking, signs, intersection control, lighting, obstructions, access points, traffic generators, and weather conditions.</p>




Meets MPR #8			
Firm employed by			
Name	Robinson Nicol, PE, PTOE	Years of relevant experience with this employer	1
Title	Senior Traffic Engineer	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		MS / 2010 / Civil Engineering BS / 2005 / Civil Engineering	
Active registration number / state / expiration date		PE #44455 / Louisiana / 9-30-2024 PTOE #4070	
Year registered	2020	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Nicol will serve as Quality Control Support - Traffic and Safety Studies / IJR. Mr. Nicol's background includes traffic engineering, signal operations, Intelligent Transportation System (ITS) design, signal design, strategic transportation planning, and roadway design. His experience includes traffic simulation, signal timing, signal design, ITS master planning, and design, corridor evaluations, traffic impact analysis, interchange justification reports, geometric and staging design for rural and urban roadways, and drainage design. He is knowledgeable and familiar with Louisiana Department of Transportation (LADOTD) policies and procedures. He is experienced in managing traffic-responsive timing implementation that reacts to changes in traffic patterns and proactively adjusts timing plans accordingly. His technical skills include using VISSIM and HCS software to perform signal timing, traffic analysis, and simulation modeling. Mr. Nicol has developed and calibrated several extensive simulation models throughout the Atlanta area.	
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 years of experience specified in the applicable MPR(s).		
(07/22 - Present)	Clayton Interchange Feasibility Study: Conley I-285, Clayton County, GA - Mr. Nicol serves as Lead Traffic Engineer for a study to determine the feasibility of a new Conley Rd interchange at I-285. New Conley Rd interstate access would provide a direct connection from I-285 to Hartsfield-Jackson Atlanta Airport's International Terminal. The study area includes approximately 3.5 miles of I-285, the I-285 interchanges with South Loop Road, I-75, US 41, SR 54, and the associated arterial corridors with signalized intersections. The study involved freeway and intersection analysis, concept design, public involvement, economic impact analysis, and environmental screening. Mr. Nicol led the traffic analysis effort, which included merge/diverge/weaving analysis (HCS), intersection analysis (Synchro), alternatives analysis, traffic projections, stakeholder engagement, public meetings, and detailed reporting.		
(11/21 - Present)	Georgia Department of Transportation: SigOps Traffic Signal Operations Program, West Metro Atlanta, GA - Mr. Nicol serves as Maintenance Lead on the Gresham Smith team to operate and maintain traffic signals in the west metro region. This project's scope includes actively managing traffic and signal operations in the west metro region. Atlas regularly coordinates with local jurisdictions, including the City of Smyrna, Marietta, and surrounding counties. We are responsible for optimizing the signal systems along these commuter routes to maximize efficiency and throughput to reduce congestion and increase travel time reliability. We are accountable for creating and maintaining a detailed inventory of all signal equipment malfunctions in the field; troubleshooting and repairing field hardware; performing routine preventative maintenance; installing new signal and ITS equipment as needed to benefit the operations and management of the systems, and actively managing the corridor both in the field and from central. Mr. Nicol manages a team of maintenance specialists who help develop and administer on-call requests (OCRs) for GDOT's signal maintenance contract and allocate a budget of \$850,000 by issuing work orders to several contractors. The position involves communication closely with GDOT and contractors to ensure 1,450 signals are maintained. The additional project scope includes		



	handling emergencies, getting contractors on-site ASAP to keep operations running smoothly, and ensuring the traveling public arrives home safely to their families. The OCRs include repairs and upgrades to signal and ITS devices required at any of the signals in the west metro region.
(11/21 – 11/22)	Hinesville Area Metropolitan Planning Organization: EG Miles Parkway Corridor Study, Hinesville, GA – Mr. Nicol served as a Project Manager on this study that focused on capacity and safety improvements based on findings in a previous Road Safety Audit (RSA) performed by the Georgia Department of Transportation (GDOT) a few years prior. The scope included data collection, review of existing plans, traffic modeling, incorporation of GDOT RSA recommendations, schematic plans, signal warrants screening, ICE analysis, cost estimation, and detailed reporting. A multi-lane roundabout was included at one location as an additional analysis. The study also included extensive public involvement and coordination with the city, county, and GDOT. Recommendations were focused on safety and incorporated vehicle improvements, bicycle/pedestrian upgrades, street lighting, and signal upgrades. Mr. Nicol managed the project schedule, budget, and client relations. He also provided technical oversight and guidance to the traffic staff.
(10/06 – 06/07)	Georgia Department of Transportation (GDOT) On-Call Athens Interchange Justification Report, Athens-Clarke County, GA - Mr. Nicol served as Traffic Engineer. The purpose of the Interchange Justification Report (IJR) for a connector between SR 10 Loop and US 78/Atlanta Highway in Athens-Clarke County was to analyze and document the need for a new interchange at SR 10 Loop between Atlanta Highway and Tallassee Road.
(10/06 – 06/07)	GDOT On-Call Athens Interchange Justification Report, Athens-Clarke County, GA - Mr. Nicol served as Traffic Engineer. The purpose of the IJR for a connector between SR 10 Loop and US 78/Atlanta Highway in Athens-Clarke County was to analyze and document the need for a new interchange at SR 10 Loop between Atlanta Highway and Tallassee Road.
(09/07-03/07)	GDOT On-Call Effingham County Transportation Study, Effingham County, GA - Mr. Nicol served as Traffic Engineer. The goal of the transportation study was to ensure that the county's current and future transportation needs were identified, and cost-effective solutions were formulated. The plan involved several project elements, including developing a detailed analysis of the study area's existing and future travel demands. The analysis used historical data and forecasts based on the development of a travel demand model for Effingham County, expanding the current GDOT travel demand model for Chatham County.
(08/11-12/11)	Interchange Modification Reports for I-85 at Jimmy Carter Boulevard and I-85 at Pleasant Hill Road, Gwinnett County, GA Mr. Nicol served as Transportation Planner. The Interchange Modification Reports (IMR) included analysis of existing conditions, projection of future demand and operations, and analysis of several interchange design alternatives.
(06/10-09/11)	SR 204 Traffic Analysis, Chatham County, GA - Mr. Nicol served as Traffic Engineer. The purpose of this corridor study is to analyze existing and future traffic conditions along the corridor and determine the ultimate needs of the facility to support the surrounding area. Traffic simulation analysis and crash analysis were used to develop recommendations from several proposed alternatives along SR 204 from I-95 to the connection with Truman Parkway.
(04/13-06/14)	South Tifton Bypass from US82/SR520 to US319/SR35, Tift County, GA - Mr. Nicol served as Traffic Engineer. This project involved the planning and designing of a bypass south of the City of Tifton. The bypass location was established by conducting engineering studies, public involvement, and engineering design services for the department under an Indefinite Delivery Indefinite Quantity (IDIQ) contract with GDOT. The project is estimated to involve 12 miles of new location, four-lane, urban, and arterial roadway, with 6 miles of collector and arterial side roads. The project also involves a proposed one interchange on I-75, 20 unsignalized intersections, eight signalized intersections, 250 parcels, and 325 driveways. Potentially there are eight bridge structures with six crossing creeks/rivers. Traffic simulation analysis and crash analysis were included as part of this study.




Meets MPR #8			
Firm employed by			
Name	Kristen Farrington, PE, PTOE, RSPi	Years of relevant experience with this employer	2
Title	Project Traffic Engineer	Years of relevant experience with other employer(s)	6.5
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering	
Active registration number / state / expiration date		PE #42785 / Louisiana / 3-31-2025 PTOE #4863	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Task Leader of Traffic and Safety Studies / IJR	
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 years of experience specified in the applicable MPR(s).		
(04/21-Current)	CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA) - Ms. Farrington was a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street, and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.		
(02/21 - 07/22)	LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd., Baton Rouge, LA – Ms. Farrington developed crash diagrams in CAD to identify any correctable crash types as part of Appendix C of the traffic report.		
(03/19 – 11/19)	H.012311 LA 429 Connector Stage 0, Ascension Parish, LA – Ms. Farrington was the Task Leader for preparing a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10 between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Civil Engineer responsible for designing high-level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote a report.		
(09/17 – 09/18)	H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621), Ascension Parish, LA – Ms. Farrington was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.		
(06/19 - 2/21)	H.013459 US 167 Improvements Stage 0 (Elsie Street to Gilbert Street), St. Landry Parish, LA – Ms. Farrington served as Project Manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Safety analyses included crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project—compiled meeting agenda materials and minutes.		



<p>(06/19 - 2/21)</p>	<p>H.013460 US 167 Improvements Stage 0 (Enola Street to Ross Road), Evangeline Parish, LA – Ms. Farrington served as Project Manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast, for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer was responsible for safety analysis, including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, No-Build Analysis, and benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project—compiled meeting agenda materials and minutes.</p>
<p>(11/18 - 3/21)</p>	<p>H.013322 LA 3040 Feasibility / Safety Study Stage 0, Houma, LA – Ms. Farrington served as Project Engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Ms. Farrington was responsible for compiling a data collection plan for submittal to DOTD, including count locations and determining peak periods and hours. Ms. Farrington performed peak period observations in the field, geometric field checks, and unmet demand observations and calculations. Ms. Farrington prepared TMC figures and performed existing analyses in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of the report. Ms. Farrington represented the project at stakeholder meetings to discuss the project status.</p>
<p>(04/18 – 04/19)</p>	<p>H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0, St. Landry Parish, LA – Ms. Farrington was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineers ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.</p>
<p>(04/19 – 6/21)</p>	<p>H.013817.1 A 117 Improvements Stage 0, Vernon and Natchitoches Parishes, LA – Ms. Farrington served as Project Engineer responsible for a Stage 0 study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Ms. Farrington was responsible for performing the safety analysis, including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and no-build analysis. Ms. Farrington designed high-level concept exhibits, evaluated environmental impacts, and prepared high-level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Ms. Farrington compiled all findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure the purpose and needs of the project were met.</p>




Meets MPR #8			
Firm employed by			
Name	Reece Rodrigue, PE, PTOE, RSPI	Years of relevant experience with this employer	3
Title	Project Traffic Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2013 / Civil Engineering	
Active registration number / state / expiration date		PE #42074 / Louisiana / 3-31-2024 PTOE #4508	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Task Leader of Traffic and Safety Studies / IJR	
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 years of experience specified in the applicable MPR(s).		
(09/20 - 12/21)	H.010960.5 LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA - Mr. Rodrigue was Project Engineer as part of the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. Mr. Malisetty and Mr. Rodrigue calculated the temporary pole heights and determined the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Mr. Rodrigue thoroughly analyzed the existing allowable movements on LA 30. He identified the movements that would be restricted during the proposed construction process and how they would impact the typical traffic patterns.		
(10/16-05/17)	Loyola Interchange Modification Request, Kenner, LA - Mr. Rodrigue was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration.		
(02/21 - Current)	LA 67 (Plank Rd) Corridor Enhancement - Dawson Street to Harding Blvd., Baton Rouge, LA - Mr. Rodrigue performed the geometric field checks. Mr. Rodrigue then captured the geometric field data in figures developed in CAD per the TEPR process.		
(04/20 - Current)	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, Belle Chasse, LA - Mr. Rodrigue is the Design Engineer for the temporary traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. The design of the temporary signals is set for eight phases of construction. Temporary pole locations were recommended for placement for use in all construction phases. Temporary pole heights and clearance interval calculations were conducted in accordance with DOTD and ITE guidance. Mr. Rodrigue was responsible for producing the traffic analysis portion of the Traffic Management Plan (TMP), which was also used in the permanent and temporary signal timing plans. He also assisted in the production of the permanent signal plans for the same intersections as the temporary signal plans. Mr. Rodrigue was responsible for the production of the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan.		
(09/20 - 12/21)	H.011909.5-4 Roundabout: US 171 at Boone St., Vernon Parish, LA - Mr. Rodrigue was Project Engineer as part of the design team for the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He		



	<p>conducted a thorough analysis of the existing allowable movements on US 171 and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.</p>
(11/15 - 12/16)	<p>H.011849 Veterans Boulevard Corridor Stage 0 Feasibility Study, Jefferson Parish, LA – Mr. Rodrigue was the Project Manager for the Stage 0 Corridor Retiming Study along Veterans Blvd from Lake Ave to Massachusetts Ave. He evaluated turning movement counts and the existing traffic signal timings, and plans for the 31 signalized intersections along the corridor. He conducted travel time analyses through the corridor during morning, midday, and afternoon peak periods to determine the current flow of traffic through the corridor. He used calculations recommended by ITE to determine the clearance intervals of each intersection along the corridor. For the purposes of analyzing each intersection along the corridor, he assisted in producing a model of the corridor using the traffic signal timing optimization software Synchro 8. He assisted in implementing the new signal timings into the traffic signal controllers of the intersections. Once the implementation was complete, he conducted travel time analyses using the new traffic signal timings. He also assisted in drafting the study’s report.</p>
(02/16 - 12/16)	<p>H.005733.5 US 190 Superstreet Task Order, St. Tammany Parish, LA – Mr. Rodrigue was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the preliminary plans using the CAD software program MicroStation V8i and aided in the technical design of each intersection. He conducted field inspections to verify existing equipment locations and observed the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.</p>
(01/16 - 11/17)	<p>Ochsner Main Campus Traffic Signals, Jefferson Parish, LA – Mr. Rodrigue served as a Design Engineer for the traffic signal plans for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time-of-day coordination timing parameters for the two intersections so they may be included in the coordinated system west of the intersections. He used TruTraffic to determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD’s latest version of the TS) format. He was responsible for estimating construction quantities using DOTD’s 2016 Spec Item list.</p>



Firm employed by			
Name	Bridget Scheyd Robicheaux, PE, PTOE	Years of relevant experience with this employer	5
Title	Project Traffic Engineer	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS/2007/Civil Engineering MS/2014/Civil Engineering (Transportation focus)	
Active registration number / state / expiration date		Professional Engineer #41272 / Louisiana / 3-31-25	
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Traffic Engineering 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 years of experience specified in the applicable MPR(s).		
(07/19 – Present)	<p>MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) - Ms. Robicheaux assists Ms. Ferlito on a daily basis for the entire New Capacity Projects program management team. Bridget has performed multiple reviews of traffic studies and traffic signal designs. This includes reviewing raw data, unmet demand, volume maps, existing and build analyses, and safety analyses for accuracy and consistency throughout the report. She provides comments in a spreadsheet known as the Comment Tracker. All comments are posted in the Comment Tracker, so all parties know. Many of these projects are located on state routes and require approval by the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects. Using methods outlined in NCHRP 765, Ms. Robicheaux helped to develop design year volumes for the Jones Creek (Airline to Jefferson) MOVEBR project. She has developed Turn Lane tech memos for the MOVEBR Old Hammond Highway Segments 1A and two projects and for the MOVEBR Highland at Siegen project.</p>		
(06/16-09/17)	<p>H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA) - Ms. Robicheaux assisted with developing a Stage 0 Feasibility Study for roundabouts at seven intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. She developed traffic turning movement counts diagrams for peak periods including peak hour factor and heavy vehicle percentages. She developed the speed data analyses as well as assisted with performing Sidra unsignalized, signalized and roundabout analyses for implementation and design years. Ms. Robicheaux also developed several figures that were included in the report.</p>		
(02/17-10/17)	<p>Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA) - Ms. Robicheaux participated in the development of a Stage 0 Feasibility Study for roundabouts at four intersections in St. Tammany Parish. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. She developed traffic turning movement counts for morning and evening peak periods including peak hour factor and heavy vehicle percentages. Growth rates for design year volumes were also developed based on information provided from the TransCAD model. She performed portions of the Sidra unsignalized, signalized and roundabout analyses for implementation and design years and report development.</p>		
(10/17-07/18)	<p>Travel Demand Model Update: Southeast Louisiana Travel Model (New Orleans, LA) - Ms. Robicheaux developed base year traffic volumes to calibrate and test of the regional travel demand as part of updating the New Orleans Regional Planning Commission Travel Demand Model in TransCAD. Specifically, she obtained and reviewed the over 4,000 traffic counts (cars / trucks) that were used in the validation of the SELATRAM model to check for consistency, reasonableness and completeness. She tabulated her results in a spreadsheet included in a technical memorandum.</p>		
(09/17-11/17)	<p>US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study (St. Tammany Parish, LA) - Ms. Robicheaux participated in the development of a Crosswalk Traffic Engineering Study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). She processed raw traffic videos and developed AM and PM peak period turning movement vehicle count figures. She also assisted Brin with a PTV Vistro model for the AM and PM Peaks for the five intersections for capacity analyses as well as progression analyses. She also developed portions of the report.</p>		




Meets MPR #7			
Firm employed by			
Name	Daniel Thornhill, PE	Years of relevant experience with this employer	3
Title	Transportation Manager	Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		BS / 1997/ Civil Engineering	
Active registration number / state / expiration date		PE #32367/ Louisiana / 09-30-2024	
Year registered	2006	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<p>Mr. Thornhill will serve as Engineering Design Lead for the LA 429 project. Mr. Thornhill has over 25 years of consulting experience in various engineering projects, including roadway design, corridor/traffic operation concept analysis, bridge design, hydraulics design, subsurface drainage design, and sidewalk beautification projects. Mr. Thornhill has served as Project Manager/Senior Engineer in the Greater Baton Rouge area since 2006, being responsible in charge for Roadway/Transportation Design and Corridor Studies for EBR DOTD, LADOTD, Lafayette Consolidated Government, and St. Tammany Parish Department of Public Works. Mr. Thornhill accepted the role of Office Executive for Michael Baker Baton Rouge office in January 2021. Mr. Thornhill is NHI 142005 - NEPA and Transportation Decision Making certified.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage,” “designed girders,” “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(04/22 - Ongoing)	<p>LA 30: EBR PL - I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana DOTD - Mr. Thornhill is currently serving as the Principal/Project Manager for the NEPA study for the widening of LA 30. Project is currently in the Part 1 phase of the study to determine the required widening requirements of LA 30 from the East Baton Rouge Parish Line to I-10. Project covers nearly 14 miles of improvements along LA 30 through Iberville and Ascension Parish. The study will determine how many additional lanes necessary for LA 30 along this stretch with intersection improvements at Bayou Paul Lane, LA 74, LA 3115, LA 73, and LA 3251. Additional responsibilities for Mr. Thornhill include handling of contracts, invoices, stakeholder coordination, and coordination of sub-consultant team. Recently, East Baton Rouge Department of Transportation and Drainage has requested through DOTD to add back addition 5+ miles from Brightside to Iberville Parish Line to include into the Environmental Study to qualify for Federal Funds for the MOVEBR LA 30 Improvements Project.</p>		
(03/13 - 04/14) (08/14 - 01/16)	<p>US 190 (Collins Blvd) Traffic Operations Study, Covington, LA DOTD, (Stage 0) and Line & Grade Study for New Orleans Regional Planning Commission (Stage 1) - Mr. Thornhill served as Project Manager/Lead Design Engineer for Roadway Geometrics during the Stage 0 for US 190 (Collins Blvd) from US 190 Business to US 190 (Ronald Reagan Blvd). The project widened US 190 (Collins Blvd) from an existing 2-lane roadway to a 4-lane boulevard to include the compete streets initiative of sidewalks, bike paths, and/or combination of both. DOTD wanted a traffic operations analysis done for this corridor as it is a major traffic route for commuters from north part of St. Tammany Parish to Covington, Mandeville, Slidell and to New Orleans via the Pontchartrain Causeway. Traffic analysis showed that a series of roundabouts in conjunction with J-turns and dual bridge crossing over the Bogue Falya would provide the best traffic movement. Stage 0 included using As-Built drawings along with Aerial photography to create Plan View Sketches that were included in a Stage 0 report along with project implementation cost. Mr. Thornhill and his previous employer were added to the Stage 1 team as a sub-consultant to perform the Line & Grade study to obtain Environmental Clearance. Recommendations from the Stage 0 Traffic Operations study was carried forward. Mr. Thornhill was Project Manager/Lead Design Engineer over the Line & Grade portion of the Environmental Assessment. He was responsible for the development of the Plan & Profile sketches for the Stage 1 report, development of project implementation cost, and creation of public meeting exhibits. For the Line & Grade, LiDAR was utilized with the Horizontal Alignments and Aerial Photography from the Stage 0 report. The updated sketches were used to develop the opinion of probable construction cost from the Line & Grade improvements along with developing estimated cost for relocation of utilities, acquisition of additional right-of-way, engineering cost (design & survey) and CE&I. A</p>		



	<p>staging phase approach was required to break the project out in several phases to be design and constructed as funding became available. A priority matrix was created to determine the order in which the different phases should be constructed to provide the best Traffic Operation.</p>
<p>(04/10 – 01/13)</p>	<p>Environmental Assessment (Stage 1) and Feasibility Study (Stage 0) - LA 182 from I-10 to West Pont des Mouton Road, Lafayette Parish, Louisiana Lafayette Consolidated Government - Mr. Thornhill served as Project Manager/Lead Design Engineer and Engineer of Record for the development of Stage 0 plan sketches, project implementation cost, and public meeting exhibits. Mr. Thornhill also served as the Project Manager/Lead Design Engineer and Engineer of Record for the Stage 1 report. He was responsible for development of Line & Grade, which included all the horizontal alignments and use of aerial photography from the Stage 0 report along with use of LiDAR to develop the vertical alignments to determine anticipated limits of constructions based on several alternate typical sections in order for a decision on the preferred alternative to carry forward into design of construction plans. Implementation costs were developed based on the different alternatives to include opinion of probable construction cost, utility relocations, acquisition of right-of-way, engineering (design & survey), and CE&I. The project widened LA-182 from a 2-lane roadway to a 4-lane boulevard that included the complete streets initiative with a combination sidewalk/bike path on one side of the roadway. The project required coordination with CLECO Electric as they were already in the design phase of a new transmission line running parallel to LA-182 from existing electrical transmission crossing of LA-182 to end of project limits. Stage 0 included roadway widening improvements with several roundabouts at strategic intersection along with J-turns to provide better traffic operations. Stage 0 sketches were created with use of as-built drawings and aerial photography. Based on recommended improvements, implementation cost was developed for opinion of probable construction cost, relocation of utilities, acquisition of right-of-way, engineering (design & survey), and CE&I. LA-182 is a state highway, therefore DOTD had to approve and accept the Stage 0. Once Stage 0 was accepted, LCG approved supplemental for Stage 1 Environmental Assessment Study.</p>
<p>(03/15 – 01/16)</p>	<p>Environmental Assessment - St. Martinville Bypass, St. Martin Parish, Louisiana DOTD - Mr. Thornhill served as Project Manager/Lead Design Engineer for the development of geometric sketches for an environmental assessment for a new bypass route of LA-31 around the town of St. Martinville. He was also responsible for the development of several geometric alignment alternatives, typical section alternatives, along with meeting DOTD's complete streets initiative. Project alignments were developed with the use of as-built drawings for LA-31, aerial photography, and LiDAR to determine roadway estimated limits of construction and determine anticipated required right-of-way. Alternatives were developed based on traffic analysis to determine required number of lanes and intersection improvements. Project included a combination of roundabouts along with J-turn based to promote optimal flow of traffic. These alternatives were used to determine implementation cost (opinion of probable construction cost, utility relocation, acquisition of right-of-way, engineering (design & survey), and CE&I. The bypass was being developed to remove truck traffic from going through St. Martinville. St. Martinville is an old, historic town that has tight roadways and intersections. Current roadway network did not deter truck traffic from entering the town and at several intersection the truck traffic hit building improvements due to tight radii.</p>
<p>(01/11 – 12/11)</p>	<p>LA 3234 (E. University Avenue) Extension, Hammond, LA DOTD - Mr. Thornhill served as Project Manager/Lead Design Engineer for the extension of LA-3234 from N. Oak Street to provide a west-to-east corridor to the Hammond Airport. Mr. Thornhill was responsible for developing three new roadway alternatives that included a 4-lane divided highway from N. Oak Street to LA-433 (Morris Road) and a 2-lane highway from LA-433 to the Airport. Two (2) of the alternatives tied directly to Pride Drive at the airport, and the last alternative was tied directly to US 190 but accessed the airport at the Pride Drive intersection. Traffic analysis was used to determine the roadway's typical sections, including sidewalks and/or a combination of sidewalks/bike paths to meet the DOTD Complete Street initiative. Mr. Thornhill was in charge of developing plan & profile layouts based on aerial photography and using LiDAR to determine vertical profiles so roadway templates could be processed to determine construction limits for the new roadway improvements. As part of this project, implementation costs were developed to determine the cost of construction, relocation of utilities, cost of required right-of-way, and engineering (design, environmental, survey, and CE&I). Implementation costs were done for each alternative while breaking up the estimates in conceptual staging for work to be broken out in phases-based traffic operation analysis.</p>



Firm employed by			
Name	Brad Hale, PE	Years of relevant experience with this employer	30
Title	Highway Design Manager	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / Civil Engineering / 1992	
Active registration number / state / expiration date		PE# 23733 / Georgia / 12-31-2023	
Year registered	1997	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<p>Mr. Hale will serve as Roadway Engineer - Design / Geometrics / Line & Grade. Brad Hale is the Southeast Region Highway Design Manager for Atlas with 30 years of experience. Mr. Hale has managed and designed some of the most complex projects in Georgia. He supervises a team of engineers and technicians using the latest design-related computer software and methods. Mr. Hale monitors progress of Atlas's work and works closely with staff to maintain schedules and production of quality design deliverable. Brad has personally designed and managed more than 50 highway design projects let by GDOT including some of the most complex interstate interchanges in Georgia. These projects required solving complex design, environmental mitigation, and utility relocation issues. The team of engineers and technicians he leads uses the latest design-related computer software reflecting the industry's best practices. Brad applies his hands-on approach to design management and production to work closely with our environmental and planning professionals to achieve the optimum balance between economical engineering and context-sensitive design.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(08/20 - Present)	<p>S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA - Mr. Hale serves as Roadway Engineer an Enhanced Planning Study for the new bridge crossing of the Mississippi River to alleviate traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new "south" Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. After a handful of alternatives are identified after the Enhanced Planning Study, Part 2 of the project will consist of preparing the NEPA document to identify a proposed alternative. Three alternatives have been identified from the Enhanced Planning Study and will be analyzed further in Part 2 of the project, which consists of preparing the NEPA document to identify a preferred alternative.</p>		
(01/21 - Present)	<p>20-CP-HC-0014: MovEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA - Mr. Hale serves as Highway QA/QC for this project that is part of the MovEBR Program, designated as a New Capacity Improvement Project. The Joor roadway is identified as part of the road transfer program and is a future PARISH route. Greenwell Springs road will remain a DOTD roadway. The project includes a new two-lane roadway with shoulders and open ditch drainage. The Sherwood Forest Extension is a greenfield project connecting Sherwood Forest at Greenwell Springs to Joor Road at Mickens. The work also includes enhancing traffic flow within the intersection limits.</p>		
(11/99 - Present)	<p>I-16/I-75 Interchange, Bibb County, GA - Mr. Hale served as Lead Design Project Manager and Engineer of Record on this complex interstate interchange project. He led all design efforts for the roadway and drainage. which included the reconstruction of four interchanges: three interstate/ arterial route interchanges (I-16 at Spring Street, Second Street, and Coliseum Drive) and a</p>		




	freeway-to-freeway interchange between I-16 and I-75. The project includes the construction of 33 bridges. Phases 1, 1b, 2, and 3, including 17 bridges and 30 walls, are under construction at \$231 million. Phases 4, 5, and 6 are estimated at \$307 million.
(12/13 - 10/15)	I-75/Windy Hill Road/Diverging Diamond Interchange, Cobb County, GA - As Design Project Manager and Engineer of Record, Mr. Hale supervised the database preparation, concept development, preliminary engineering, right-of-way plans, and final plan development. GDOT and Cobb County had studied the complex traffic movements at the I-75/Windy Hill interchange for many years. The bridge width bottlenecked the existing infrastructure over the interstate, and previous proposals for upgrading the interchange required replacement or widening of the bridge. Atlas applied an alternative solution involving an innovative interchange design known as a “diverging diamond.” This concept crossed the traffic flow on either side of the interstate and has been successfully implemented across the U.S. The project included a roundabout on Interstate North Parkway. This 50-foot mini-roundabout is a single, 20-foot-wide travel lane with a 10-foot grassed median and 20-foot truck apron capable of accommodating a WB-67 truck.
(01/04 - 11/06)	I-75 / I-85 - 14th Street Interchange, Fulton County, GA - Mr. Hale was the Lead Design Project Manager. He managed all design efforts and coordinated with GDOT and other project stakeholders. This complex interstate interchange project included widening approximately two miles of 14th Street in midtown Atlanta, relocated Williams Street, and included a new ramp to 17th Street. The project also included relocating several utilities and future considerations for interstate HOV access and a 15th Street bridge and roadway. Atlas prepared staging and maintenance of traffic plans. NEPA documentation was prepared and approved in conjunction with the Atlantic Station development and the associated 17th Street bridge project.



I-75/Windy Hill Road/Diverging Diamond Interchange, Cobb County, GA



Meets MPR #7			
Firm employed by			
Name	Todd I. Long, PE, PTOE	Years of relevant experience with this employer	4
Title	Division Manager	Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization		MS / 1990 / Civil Engineering BS / 1989 / Civil Engineering	
Active registration number / state / expiration date		PE #43910/ Louisiana / 3-31-2024 PTOE #1030	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Long will serve as Line and Grade Support. Mr. Long has 36 years of experience in government services with focused expertise in planning, engineering, operations, and administration for large governmental organizations. He has served in leadership roles for most of his career. Todd currently manages road design, structure design, traffic and transportation engineering, survey, civil/site design, and business development within Atlas. Mr. Long has served in many positions in his career that are traffic engineering related. He served as District Traffic Engineer and District Engineer. Mr. Long also served as District Preconstruction Engineer and later as the Director of Preconstruction. As Deputy Commissioner, he oversaw all of the District operations.	
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 years of experience specified in the applicable MPR(s).		
(03/2020 – Present)	S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA – Mr. Long serves as QA/QC for the new bridge crossing of the Mississippi River to <u>alleviate traffic congestion</u> in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. Three alternatives have been identified from the <u>Enhanced Planning Study</u> and will be analyzed further in Part 2 of the project, which consists of preparing the NEPA document to identify a preferred alternative.		
(06/18 – 08/21)	Georgia Department of Transportation (GDOT) PI #522570, US 84 Connector EA, Liberty County, GA – Mr. Long served as Principal-in-Charge for this 2.8-mile new location roadway proposed to relieve truck traffic congestion along the existing SR 119, in which design modifications were required to avoid <u>impacts</u> to a <u>National Register-eligible historic cemetery</u> . A Memorandum of Agreement (MOA) was executed among stakeholders to mitigate the visual effects on the cemetery. The project included <u>environmental justice</u> initiatives around the project area. Mr. Long was personally involved with funding investigations and application preparation early in the project’s life while at GDOT and before his employment at Atlas. He reviewed concept development and was instrumental in a multitude of survey and plan changes.		
(05/18 – 12/20)	GDOT P.I. No. 0007526 - GA 400 at McGinnis Ferry Rd, Fulton, and Forsyth Counties, EA/FONSI – The project is to widen 1.534 miles and construct improvements, including a new <u>full-diamond interchange</u> , bridge construction, and approaches over State Route (S.R.) 400 at McGinnis Ferry Road. The full diamond Interchange will allow traffic to cross to the opposite side on both sides of the bridge, allowing free flowing left turns onto GA 400. This will eliminate traffic back-ups in the left-turn lanes at the signals, accommodating the high left-turn volume but with fewer lanes. Mr. Long was personally involved with early project development in his role as Director of Preconstruction and Planning while at GDOT. He provided executive project design performance oversight and management for several phases.		



(11/19 – Present)	P.I. No. 0012698 I-85 at SR 324 Interchange Justification Report (IJR), Gwinnett County, GA – This Interchange Justification Report (IJR) provided justification and documentation of the need for additional access to Interstate 85 at SR 324 in Gwinnett County, Georgia. This proposed project consisted of constructing a compressed diamond interchange and relocating Morgan Road to accommodate the proposed interchange ramps. Mr. Long was personally involved with early project development in his role as Director of Preconstruction and Planning while at GDOT. He provided executive project design performance oversight and management for several phases.
(07/22 – Present)	Clayton Interchange Feasibility Study: Conley I-285, Clayton County, GA – Mr. Long is serving as Principal-in-Charge for this traffic study to determine the feasibility of the new Conley Rd interchange at I-285. New Conley Rd interstate access would provide a direct connection from I-285 to Hartsfield-Jackson Atlanta Airport’s International Terminal. The study area includes approximately 3.5 miles of I-285, the I-285 interchanges with South Loop Road, I-75, US 41, SR 54, and the associated arterial corridors with signalized intersections.
(10/15 – Present)	Effingham County/GDOT: Effingham Parkway, Effingham County, GA - Mr. Long is serving as Principal-in-Charge on this new location corridor, Effingham Parkway. The Parkway intended to facilitate regional travel through central Effingham County. It is also intended to relieve a high volume of traffic on SR 21. The proposed project would consist of constructing a two-lane new location roadway from SR 30 to Blue Jay Road. The project would begin at SR 30 approximately 1.5 miles west of SR 21 and be located across from Chatham County’s proposed Benton Boulevard Extension project. The end of the project would terminate at Blue Jay Road, approximately 3.2 miles west of SR 21. The intersection of Effingham Parkway at Blue Jay Road would be realigned to have Effingham Parkway tie into the east side of Blue Jay Road, and the west side of Blue Jay Road would form a T-intersection with Effingham Parkway. The total length of the project is approximately 6.4 miles.
(07/2018 – Present)	Various Traffic Studies, Forsyth County, GA – Mr. Long conducted various Traffic Studies throughout Forsyth County, including two traffic calming studies on heavily local routes, YIELD Sign Study, and countless intersection and speed studies.
(07/2018 – Present)	Various Traffic Projects Statewide, GA - Mr. Long oversees all traffic engineering activities in the Georgia office. He leads and oversees traffic studies, signal warrant analysis, signal timing and design, traffic simulation modeling, and planning studies. Clients include the Cities of South Fulton and Fairburn and Counties of Forsyth, Rockdale, Newton, Liberty, and Bryan.
(01/2017 – Present)	Georgia Institute of Technology Professor of Practice, Atlanta, GA - Mr. Long has taught CE6605 Transportation Administration and Policy as an Adjunct Professor during the Spring Semester for the past five years. He taught nearly 100 graduate students in this 3-hour course over this period. As part of the class, Todd leads a class project that includes a nearby intersection improvement project. Mr. Long shows the example, and students must look at all aspects of the project, including public input, politics, crash data, warrant analysis, and other factors that will shape the ultimate design solution.
(06/08 – 08/09)	Georgia Regional Transportation Authority, Atlanta, GA – Mr. Long served as Chief Engineer and managed the construction and operations of a network of Park/Ride lots for the Xpress Bus System in Metro Atlanta. Served on TIME Task Force and managed the TRIP Program (Towing and Recovery Incentive Program). Todd also assisted DOT in several traffic operational projects in and around bus centers. This included developing new signal timing plans.
(08/96 – 09/99)	Georgia Department of Transportation (GDOT) Traffic Engineer, GA – Mr. Long served as District 1 Traffic Engineer and then District Engineer for northeast Georgia, where he oversaw operations of traffic signals, studies, traffic calming, and safety throughout the District. Mr. Long oversaw all traffic analyses for 21 counties of District 1. This included managing several large signal retiming projects. The largest was for 120 traffic signals in Gwinnett County. Mr. Long also permitted over 50 new traffic signals will serving in this position. He was hands-on and responsible for the design and operations of over 500 signals in the District at that time.




Firm employed by			
Name	Jacqueline "Jackie" Wood	Years of relevant experience with this employer	< 1
Title	Senior Civil Designer	Years of relevant experience with other employer(s)	44
Degree(s) / Years / Specialization		BS / 1980 / Home Economics	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Ms. Wood will serve as Senior Civil Designer for Line & Grade Study. Her experience includes creating roadway plans (design and drafting). She assists contractors and engineers with coordinating field changes and creating work drawings and change orders. She has been responsible for feasibility studies and the training of engineer interns and CAD technicians. She is versed in working with LADOTD graphics to add symbology parameters for the Road Design Standards for CADconform. Her skills include proficiency in MicroStation Inroads, OpenRoads 2021, Autoturn 11, LADOTD CADconform, and AutoCAD Civil 3D 2018.	
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 years of experience specified in the applicable MPR(s).		
(11/22 - Current)	20-CP-HC-0014: MOVEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA - Ms. Wood serves as Lead Designer for the development of the Phase 1 - Design Study of a new connector road extending Sherwood Forest Blvd approximately two miles from the existing Greenwell Springs intersection to the existing Joor/Mickens Rd. intersection. Her role includes civil road design (layout, grading, drainage, utility coordination, etc.), design of the existing intersection modifications, and new Sherwood Forest Blvd alignment layout.		
(03/16-12/18)	S.P. H.011670-10/Loyola Interchange Improvements, Kenner, LA; - Senior Designer responsible for assisting with Environmental Assessment and IMR alternative concepts and exhibits. Additionally, she aided in MicroStation and ArcGIS conversions and aerial		
(03/08 - 10/09)	S.P. No. 700-03-0001: Stage 0 Feasibility Study and Environmental Inventory for a New Interchange at I-10 and LA Hwy 74 for LADOTD, Ascension Parish - Ms. Wood served as Lead Designer on this study to add an additional interchange in Ascension Parish. Ms. Wood prepared plan and profile sheets for the interchange utilizing InRoads and MicroStation.		
(07/17 - 12/20)	S.P. No. H.010960: LADOTD Traffic Engineering Management Roadway Projects- LA 30 Roundabouts at Tanger and I-10 / Ascension Parish, LA - Ms. Wood served as Lead Designer, responsible for the design of intersection and corridor improvements along LA 30. The design included three roundabouts, J-turn, and turn lanes.		
(03/14 - 06/17)	S.P. No. H.010572.1: LADOTD Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44) / Ascension Parish, LA - As lead designer, Ms. Wood assisted in completing the existing plan sheets. She assisted in creating plan views for approximately 20 interchanges considered in the Tier 1 interchange analysis. Interchange layouts included DDI, Roundabouts, partial and full cloverleaves, SPUI, directional interchanges, and diamond interchanges. Once the final three interchanges were selected for continuance to Tier 2, she assisted with the plan and profile sheets for each proposed alternative.		
(06/08 - 10/09)	S.P. No. 700-96-0007: LADOTD Stage 0 Feasibility Study and Environmental Inventory for Additional Capacity of I-10 from Siegen Lane to Sorrento - Ms. Wood served as Lead Designer during her employment at Volkert, Inc. on this project which considered several alternatives for widening the I-10 corridor and determined the potential impacts and estimated construction cost. She created cross-sections to determine impacts, prepared intersection layouts, plan, and profile sheets.		



(04/15 – 07/16)	<p>S.P. No. H.005734: Stage 1 Environmental Assessment for LA 447 Corridor Study – Ms. Wood served as the Lead Designer for this project, created proposed typical sections, and assisted with the determination of the existing roadway classification. She assisted with the plan preparation for the corridor improvements and the proposed partial cloverleaf interchange with double roundabouts.</p>
(07/17 – 06/19)	<p>S.P. NO. H.011909: LADOTD Traffic Engineering Management Roadway Projects – Roundabout: US 171 at Boone St. / Vernon Parish, LA – Ms. Wood served as the Lead Designer responsible for the design of intersection and corridor improvements along US 171. The design included a roundabout, J-turn, and turn lanes.</p>
(07/17 – 01/20)	<p>S.P. No. H.011137: LADOTD I-12: LA 21 to US 190 Widening Design / St. Tammany Parish, LA – The design will widen I-12 between LA 21 to US 190 to provide a median barrier, inside additional lanes, and outside auxiliary lanes. Ms. Wood served as Senior Designer, responsible for roadway design, modeling, plan production, LADOTD formatting, and CADConform compliance. Restriping and pier protection were designed to avoid major realignment of roads passing under the interstate overpass, ultimately providing time and cost savings for the project. Many lane transitions and drops were part of this design, as well as auxiliary lane and transitions to existing ramp alignments. Coordination between the bridge engineers and the roadway designers was key to completing a cohesive design.</p>
(03/15 – 07/16)	<p>LADOTD US 90 & Prater Road Turn Lane Improvements / Calcasieu, LA – Ms. Wood served as Lead Designer completing the preliminary and final plan sheets, creating baselines, sequence of construction and striping and signage plans for this project. This project involved the addition of turn lanes and an acceleration lane at the US 90 and Prater Road intersection.</p>
(02/15-11/15)	<p>S.P. No. H.011242.1: Stage 0 Feasibility Study and Environmental Inventory for LA 384 (Big Lake Road to McNeese Street), Calcasieu Parish - Serving as lead CAD designer, Ms. Wood was responsible for performing the Feasibility Study which includes the determination of existing horizontal and vertical alignments, establishment of typical sections and plan preparation utilizing MicroStation and CadConform, as well as placement of alignments in InRoads.</p>
(02/13-02/14)	<p>S.P. No. H.010571.1: Stage 0 Feasibility Study and Environmental Inventory for LA 70 Bypass, Assumption Parish - Ms. Wood served as the Lead CAD Designer responsible for performing the Feasibility Study which includes the determination of existing horizontal and vertical alignments, establishment of typical sections and plan preparation utilizing MicroStation and CadConform, as well as placement of alignments in InRoads.</p>
(02/10 – 12/11)	<p>S.P. No. 450-10-0159: LADOTD I-10 Widening Design-Build Siegen Ln. (LA Hwy 3246) to Highland Rd. (LA Hwy 42) / East Baton Rouge Parish, LA - Ms. Wood served as Lead Designer during her employment at Volkert, Inc. on this project which involved the widening of I-10 and the reconstruction of the KCS bridge. Ms. Wood designed and produced MicroStation plans for ramp C at Highland, maintenance of construction, joint layout, and assisted in the plans and details required during construction.</p>
(01/09 – 11/11)	<p>S.P. Nos. 454-01-0047 & 454-02-0025: I-12 Widening Design-Build (O’Neal Ln. to Pete’s Hwy), East Baton Rouge and Ascension Parishes - Ms. Wood served as Lead Designer. on this project which involved the widening of I-12 from four lanes to six lanes and the construction of 2 bridges across the Amite River. For 3 years, Ms. Wood was responsible for designing and producing MicroStation and InRoads files associated with this project. Ms. Wood assisted in the preparation of maintenance of construction and roadway plans and prepared lead plans and details required during the engineering support during construction phase.</p>




Meets MPR #7			
Firm employed by			
Name	Brandon Pitre, PE	Years of relevant experience with this employer	3
Title	Transportation Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		MS / 2012/ Civil Engineering BS / 2010/ Civil Engineering	
Active registration number / state / expiration date		PE #40975 / Louisiana / 03-31-2025	
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<p>Mr. Pitre will serve as Roadway Engineer and perform Design, Geometrics and Line/Grade services for the LA 429 project. Mr. Pitre is a transportation engineer with experience in planning and geometric design for various projects. His educational background is primarily focused on pavement materials research and design. His experience includes soil, aggregate, asphalt, concrete testing, and pavement design while working at the Louisiana Transportation Research Center (LTRC) and as a graduate research assistant at the Texas Transportation Institute (TTI) McNew Laboratory at Texas A&M University. He has worked in the public sector at the Louisiana Department of Transportation and Development in the Construction and Road Design Sections before working as an engineering consultant. His professional experience as a transportation engineer includes various responsibilities, including quantity take-off calculations of construction items, hydraulics and stormwater drainage design, plan production using the CADD programs MicroStation and InRoads, technical report writing, and compilation of construction specifications. Mr. Pitre also has experience in performing construction administrative tasks for various projects.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(03/22 - Ongoing)	<p>LA 30: EBR PL – I-10, Ascension and Iberville Parishes, Louisiana DOTD – Serving as Michael Baker’s lead Roadway Design Engineer for roadway geometrics, Mr. Pitre is responsible for developing the line and grade drawings for several alternatives incorporating recommendations from the traffic studies for this major environmental study to widen the existing 14-mile-long segment of the LA 30 corridor from two lanes to at least four lanes. Some of these drawings will include typical section and geometric corridor alternatives along with developing a staging concept plan and cost matrix from the various alternatives. Mr. Pitre will also be responsible for maintaining proper coordination with all other disciplines (<i>i.e.</i>, environmental, traffic, etc.) throughout the study.</p>		
(08/22 – Ongoing)	<p>Barksdale AFB Entrance Road and Gate Complex, Design-Build, Bossier Parish, Louisiana RQ Construction, LLC Serving as deputy PM and lead Roadway Design Engineer and leading construction plan development and delivery of this project. The project consists of the design and construction of a roadway extension tying into an existing state-owned highway, LA 1267, along with a new multi-lane roundabout. This new roadway will be a four-lane divided highway entrance into the Barksdale AFB. Mr. Pitre is currently overseeing the delivery of the Final Plans/Released for Construction (RFC) plan package, with construction anticipated to start later this year.</p>		




<p>(01/22 - Ongoing)</p>	<p>US 371: KCS RR Overpasses HBI, Webster Parish, Louisiana DOTD – Serving and deputy PM and lead Roadway Design Engineer, Mr. Pitre is responsible for the roadway geometrics and design as well as project delivery of a project whose scope includes replacement of three bridges crossing over KCS railroad track lines at two sites located in Sibley and Minden, LA. This project will require strict adherence to design and construction guidelines from DOTD as well as KCS, and he will also facilitate coordination efforts among various project team members, including the Michael Baker bridge engineering staff and subconsultants, as well as with the key DOTD personnel and KCS representatives.</p>
<p>(06/18 – 12/19)</p>	<p>US 90 Ramps at LA 88 Roundabouts: Highway Safety Design Retainer, New Iberia, Louisiana DOTD – Serving as the lead Roadway Design Engineer, Mr. Pitre was responsible for design tasks whose scope consisted of converting the eastbound and westbound US 90 ramp terminals into two multi-lane roundabouts, along with making improvements to the existing drainage network to increase hydraulic capacity. After assuming the role of Engineer of Record for this project, he completed the 100% Preliminary Plans based on comments from the client at the Plan-In-Hand meeting. This involved making several changes to the MicroStation files by modifying the typical pavement sections and details, revising the construction sequencing layout, modifying the drainage design, and creating the permanent signing and pavement marking layout sheets. Mr. Pitre developed and delivered the 100% Final Plans which involved determining the required quantities of the required construction items and developing the accompanying construction cost estimate. Other work for this project included hydraulics calculations and preparation of the hydraulics report.</p>
<p>(12/17 – 07/18)</p>	<p>US 190B at Jefferson Avenue Roundabout Design: Highway Safety Design Retainer, Covington, Louisiana DOTD – As Roadway Design Engineer, Mr. Pitre was responsible for design tasks whose scope consisted of converting a 4-way intersection into a single lane roundabout. He was responsible for completing 100% Preliminary Plans based on comments from the client at the Plan-In-Hand meeting. This involved making several changes to the MicroStation files such as revisions to the typical pavement section and details, plan and profile sheets, and construction sequencing sheets. Mr. Pitre developed the 60% Final Plans which involved determining the required construction items and developing the accompanying construction cost estimate. Other work included hydraulics calculations and preparation of the hydraulics report. The project was put on hold by the client due to some substantial real estate and utilities relocation costs.</p>
<p>(11/17 – 03/18)</p>	<p>I-10 IMR and IJR's: Traffic Engineering Retainer, Ascension Parish, Louisiana DOTD – As Roadway Design Engineer, Mr. Pitre created line diagrams of various proposed interchange configurations at the LA-73, LA-74, and LA-429 interchange locations in order to determine critical geometry requirements needed to assess potential impacts to adjacent properties due to the proposed footprint of the proposed construction areas. Since this project was a Traffic Engineering project, a major component was the comprehensive traffic study / analysis for the current traffic conditions as well as the future projected traffic flow patterns. He also served a key role in these traffic data collection efforts in the field. This was done to determine the need for additional travel lanes, lengthening of turning lanes, addition of turning lanes, and upgraded traffic signal synchronization.</p>
<p>(11/17 – 03/18)</p>	<p>I-49 SEIS / DOTD: Traffic Engineering Retainer, St. Mary Parish, Louisiana DOTD – As Roadway Design Engineer, Mr. Pitre created line diagrams of various proposed interchange configurations at multiple locations along the proposed I-49 corridor using MicroStation following DOTD minimum design guidelines and design guidance from AASHTO. Generated construction cost estimates as part of a high-level study to determine right-of-way, access, and building impacts due to the proposed interchange configurations. The primary scope of this project was to expand US 90 and upgrade the existing roadway geometry to interstate standards as part of the I-49 corridor. Another major component of the project was a comprehensive traffic study / analysis to determine the best locations for the proposed interchanges while trying to minimize impacts to residential and commercial properties while considering access management guidelines.</p>
<p>(10/16 – 01/17)</p>	<p>I-12 Widening, LA 21 to US 190, Covington, Louisiana DOTD – As a Transportation Engineer, Mr. Pitre created typical section sheets for an interstate widening project. He performed hydraulic calculations and created existing and design drainage maps. The scope of this project was to widen a segment of I-12 from two to three lanes in each direction between the LA 21 and US 190 interchanges to help with traffic congestion in this heavily developed urban area.</p>




Firm employed by			
Name	Bill Duvall, PE	Years of relevant experience with this employer	2
Title	Structural Engineer Manager	Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization		MS / Civil Engineering / 1991 BS/ Civil Engineering / 1990	
Active registration number / state / expiration date		PE #45647 / Louisiana / 09-30-2023	
Year registered	05/27/2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Duvall will serve as Bridge Designer/ Stage 0 Structural Site Survey. He has 30 years of bridge design, maintenance and inspection experience. As the State Bridge Engineer for over five years with the Georgia Department of Transportation (GDOT), his primary role was leading the Office of Bridge Design and Maintenance, directing bridge design activities, setting policies and guidance for design and maintenance of highway structures and ensuring delivery of quality projects. In addition, he was focused on development of Georgia's Bridge Program to ensure a safe and sustainable transportation network.	
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 years of experience specified in the applicable MPR(s).		
(05/95 - 03/96)	SR 20 and I-85 Interchange Reconstruction, Gwinnett County, GA - Mr. Duvall was the Lead Design Engineer for two horizontally curved plate girder bridges. One loop bridge was designed on a 22-degree curve with skewed bents. The substructure consisted of uniquely designed concrete piers on spread footings and drilled caissons. This work is consistent with Area Class 4.02 - Major Bridge Design.		
(03/94 - 04/95)	SR 15 and Athens Bypass Interchange Reconstruction, Clarke County, GA - Mr. Duvall was Lead Bridge Design Engineer this interchange reconstruction project included the widening of five bridges. This project included simple span steel beams, simple span plate girders, and reinforced concrete deck girders. The work included both preliminary and final designs and was one of the major projects he completed involving multiple bridges.		
(04/96 - 07/97)	US 80 Widening/Reconstruction, Muscogee County, GA - Mr. Duvall was Lead Bridge Design Engineer for this work included widening the existing bridge over Kendall Creek and a parallel bridge at the same location for the divided highway. The original historic earth-filled concrete arch was widened in kind. The adjacent structure consisted of prestressed concrete bulb-tee girders.		
(04/99 - 05/05)	Bridge Inspection and Inventory Program, Statewide, GA - Mr. Duvall oversaw the inspection and inventory of Georgia's 14,800 bridges. He managed 12 routine inspection teams, two underwater teams operating statewide, and two specialized crews using bridge snoopers. He guided review engineers in evaluating the biennial inspection reports and special inspections, including Fracture Critical and Scour Critical inspections. He ensured that bridge inventory data was accurate in accordance with the National Bridge Inspection Standards and Georgia DOT policies and properly stored in the master database. Responsible for creating the annual update of Georgia's Bridge Inventory for FHWA each year as required by the NBIS.		
(08/97 - 03/99)	Bridge Load Rating, Statewide, GA - As Structural Engineer for bridge inspection, Mr. Duvall was responsible for bridge load rating and determining load posting requirements. He performed hundreds of bridge load ratings for both superstructure and substructure components. Mr. Duvall managed the load rating program, including consultant engineering support and Georgia DOT Bridge Inspection Engineers. This program integrated the inspection findings with the load rating results, which were incorporated into the bridge inventory.		



Firm employed by			
Name	Kevin Dascall, PE, PMP	Years of relevant experience with this employer	5
Title	Bridge Design Engineer	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS / Civil Engineering / 2013	
Active registration number / state / expiration date		PE #44103 / Louisiana / 03-31-2024	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Dascall will serve as Bridge Design / Stage 0 Structural Site Survey. He performs design, analysis, and quality control of bridges, walls, and other structures on a variety of different projects.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(2017 – 2021)	Effingham Parkway, Effingham County, GA - This project consisted of six prestressed concrete girder bridges on pile bents over wetlands in Effingham County, Georgia. The bridges vary in length from 550’ to over 2500’. Mr. Dascall served as lead structural designer on all six bridges in both the preliminary and final design phases. He was tasked with ensuring a feasible design that considered the environmentally sensitive wetlands over which the bridges spanned.		
(2017 – 2020)	McGinnis Ferry Road over GA 400, Forsyth County, GA - This project consisted of a prestressed concrete girder bridge spanning Georgia State Route 400. Mr. Dascall was the designer during this project’s final bridge plans phase. His responsibilities included expanding on the previously established preliminary layout, designing prestressed concrete girders, and design of reinforced concrete substructure.		
(2016-2018)	Sigman Road Walls, Rockdale County, GA - This project consisted of the design of MSE and soil nail walls along Sigman Road to accommodate a widened roadway. Mr. Dascall was the structural engineer for the final design plans for various retaining walls, including MSE and soil nail walls.		
(2014 – 2016)	Northwest Corridor Project, Cobb and Cherokee Counties, GA - Mr. Dascall was heavily involved in the design process and is listed as the designer on two bridges, as well as the drawer on a handful of other bridge plans. He was also involved in project management while the structural lead for this project was in transition.		
(03/14 – 08/14)	Virginia Avenue Tunnel Project - This project involved design calculations and drawings in reconstructing a tunnel in the Washington, DC, area. Mr. Dascall provided QC for shop drawings and assisted in miscellaneous design and CAD work.		



Firm employed by			
Name	Shalin Sheath, PE	Years of relevant experience with this employer	<1
Title	Bridge Engineer	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS / 2019 / Civil Engineering BS / 2016 / S.V National Institute of Technology	
Active registration number / state / expiration date		Professional Engineer #146736 / Texas / 09-30-2023 (Eligible for LA License in Summer 2023)	
Year registered	2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Sheath will serve as a Bridge Engineer on the LA 429 project. Mr. Sheath has roughly four years of experience in both bridge design and bridge load ratings. Currently, Mr. Sheath is designing several bridge replacements for KCS Railroad. He earned his PE license in Texas and is eligible to apply for his Louisiana license in the summer of 2023.	
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 years of experience specified in the applicable MPR(s).		
(09/22 – Ongoing)	US 371: KCS Railroad Overpasses HBI, Webster Parish, Louisiana DOTD. Bridge Engineer. Responsibilities include computation of engineering design calculations, determining structural feasibility of bridge geometry, structural design of all bridge components, computation of bridge quantities, and plan production at various preliminary and final submittal stages/milestones. The project consists of full-scale replacement of two railroad overpass bridges 3.7 miles apart on the same route of US 371, with three bridges. Michael Baker is providing transportation and bridge engineering services for this project as a lead consultant, while subconsultants Ardaman and Associates, and Vectura Consulting Services, are providing geotechnical and traffic control services respectively		
(10/22 – Ongoing)	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07 DOTD. Bridge Engineer. Responsible for the development of expected bridge construction cost based on anticipated square footage of bridge using recent off-system and on-system bridge bid tabulations. Additional responsibilities included participation in development of Preliminary Bridge Matrix and Final Structure Recommendation for the five parishes in District 07 along with helping determine cost per a square foot for right-of-way acquisitions based on recent real estate transactions in each Parish. Project is broken into Initial Phase and Final Design Phase. Matrix developments were part of the initial phase that started in October 2022 and was finished and submitted in December 2022. District 07 was given \$30.3 million dollars with allocations for each parish.		
(07/19 - 08/22)	Macarthur Interchange Completion Phase II at US90-Z Eastbound, Jefferson Parish, Louisiana DOTD. Engineer Intern. Responsibilities included structural analysis and girder capacity verification of prestressed concrete girders, developing spreadsheets and Mathcad files for computing development lengths and splice lengths, and deck reinforcement design. Further responsibilities included computing bridge quantities, girder riser elevations, riser thicknesses, deck elevations for the bridge, along with drafting CAD sheets in MicroStation for framing plans, pier cap details, and deck reinforcement plans in compliance with DOTD standards. This project consisted of demolition of an off-ramp and an on-ramp, along with reconstruction of both at different locations in addition to new construction to facilitate bridge widening. SDR Engineering provided comprehensive transportation and bridge structural engineering services.		
(05/21 - 08/21)	Mermentau River Swing Span Truss Bridge Repairs at Grand Cheniere, Louisiana DOTD. Engineer Intern. Responsibilities included preparing a structural rehabilitation solution to repair the steel truss member with structural deficiency, along with repair solutions for floor beams and stringers using steel cover plates. Further responsibilities also included drafting and		



	redrawing the fender system plans and railing repair plans and reviewing overall bridge repair quantities and the plan set. SDR Engineering provided the bridge inspection and load rating services in the preliminary stage, and later prepared repair and rehabilitation plans and procedures for the entire superstructure and substructure along with the fender system for the movable bridge span.
(07/19 - 02/21)	Load Rating of 311 Bridges, Louisiana DOTD. Engineer Intern. Responsibilities included load rating 51 bridges of various types such as concrete slab bridges, reinforced concrete girder bridges, prestressed girder bridges, prestressed and reinforced channel bridges, reinforced concrete culverts, and timber beams/timber trestle bridges. For a typical bridge, the load rating process involved developing and analyzing the superstructure structural model in AASHTOWare BrR, substructure structural model in RC Pier (now LEAP Bridge Concrete), and post processing the analysis results using Mathcad to determine the load carrying capacity of the bridge (load rating factors) and accordingly recommending the posting load to DOTD. This project's scope was initially the load rating of 311 bridges located across Louisiana, however later another 300+ bridges and culverts were added to the scope. SDR Engineering provided the load rating services for this project.
(07/22 - 08/22)	Load Rating of 176 Bridges, Louisiana DOTD. Engineer Intern. Responsibilities included performing load rating for a total of 43 culverts out of 176. The typical process mainly involved developing and analyzing the structural model for concrete box culverts in AASHTOWare BrR, and then preparing reports with load posting recommendations, if applicable. SDR Engineering provided the load rating services for this project.
(07/22 - 08/22)	Load Rating of 114 Bridges, Louisiana DOTD. Engineer Intern. Responsibilities included performing load rating for a historic steel beam bridge, and a prestressed concrete girder bridge. The typical load rating process involves modelling the superstructure and substructure in AASHTOWare BrR and LEAP Bridge Concrete respectively, along with compiling the load rating report. Further responsibilities included reviewing over 40 concrete slab bridges to be load rated by three junior engineer interns. SDR Engineering provided the load rating services for this project.
(08/20 - 09/20)	Bridge Deck Investigation using Ground Penetrating Radar (GPR) system, Louisiana DOTD. Engineer Intern. Responsibilities included performing GPR investigation of bridge decks for 5 bridges across Louisiana using a vehicle mounted GPR setup provided by 3D-radar (now Kuntur), processing and analyzing scanned data, summarizing insights, and compiling reports regarding feasibility and usefulness of such an investigation. SDR Engineering provided the investigation services for this pilot GPR bridge deck evaluation project.




Firm employed by		Michael Baker INTERNATIONAL	
Name	Gary Chodkowski, PE	Years of relevant experience with this employer	29
Title	Project Manager/Senior Associate	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 1989 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer #39376 / Louisiana / 3-31-25	
Year registered	2014	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Chodkowski will perform cost and value engineering services for the LA 429 project. He is an experienced construction engineer involved in numerous bridge, highway construction, and rehabilitation projects. He has managed inspection staff, performed inspection and design work, prepared construction CPM schedules and cost estimates, performed constructability reviews, and managed contractor operations.	
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 years of experience specified in the applicable MPR(s).		
(03/18 – Ongoing)	Tarentum Bridge Rehabilitation (Allegheny River), Tarentum, Pennsylvania PennDOT. As Cost Estimator, Mr. Chodkowski is providing cost and time information to preserve Ramp B of the Tarentum Bridge Interchange. Michael Baker's services included bridge inspection; structure type, size, and location studies; right-of-way investigations; safety review; supplemental surveys; maintenance and protection of traffic during construction; utility investigations; and railroad grade crossing activities.		
(07/16 – 10/20)	Main Broadway ODOT - As Cost Estimator, Mr. Chodkowski provided cost estimates on various utility, bridge, highway, and walls adjustments used to check contractor pricing for this \$89M Interstate and Akron Interchange Replacement with 14 miles of urban/ interstate reconstruction, including 11 bridges (8 over railroad), 11 walls, and four noise walls.		
(03/18 - Ongoing)	Tarentum Bridge Rehabilitation (Allegheny River), Tarentum, Pennsylvania PennDOT - As Cost Estimator, Mr. Chodkowski is providing cost and time information to preserve Ramp B of the Tarentum Bridge Interchange. Michael Baker's services included bridge inspection; structure type, size, and location studies; right-of-way investigations; safety review; supplemental surveys; maintenance and protection of traffic during construction; utility investigations; and railroad grade crossing activities.		
(04/11 – 05/11)	Sherman Minton Bridge, Louisville, Kentucky KYDOT/INDOT - As a Construction Engineer, Mr. Chodkowski provided cost and time information for rehabilitating the major interstate river crossing into Louisville, Kentucky. He also developed a proposed heating insulated blanket system and cost for heating the tie-girder through the winter. Michael Baker performed construction management and inspection, in addition to fracture-critical inspection, for the rehabilitation of the 1,600-foot-long Sherman Minton Bridge, a double-deck tied-arch structure that carries I-64 eastbound and westbound and U.S. 150 over the Ohio River and connects Louisville, Kentucky, with downtown New Albany, Indiana. The project received the 2012 Project Achievement from the Construction Management Association of America.		
(04/14 – 10/17)	Bella Vista By-Pass, Bentonville, Arkansas ArDOT - As Construction Engineer, Mr. Chodkowski provided cost and scheduling data during the construction of this new divided highway around Bentonville, Arkansas. Michael Baker provided construction management and inspection services for the construction of the Bella Vista Bypass; approximately 6.37 miles of two-lane roadway with main lane, ramp, and overpass bridge structures extending from U.S. 71B to U.S. 72 South. Michael Baker's services included project management, construction management, and construction inspection.		



<p>(08/16 – 02/17)</p>	<p>Yellow Creek Bridge, Pennsylvania PennDOT - This project was the first Work Order of a five-year, \$2,000,000 Open End Agreement with PennDOT Engineering District 10-0 enabled PennDOT to utilize Michael Baker's full spectrum of Preliminary Engineering, Final Design, and Environmental Services. The types of projects included, but were not limited to, bridge replacements or rehabilitations, roadway betterments, minor capital improvements, and minor location studies. Mr. Chodkowski provided cost and time analysis during this road and bridge replacement design over Yellow Creek in Pennsylvania.</p>
<p>(06/15 –12/16)</p>	<p>Millfair Road Bridge and Roadway Improvements, Erie, Pennsylvania PennDOT - Mr. Chodkowski provided cost and time analysis for the route connecting the road and railroad bridge crossing. Michael Baker provided engineering services for the realignment of Millfair Road (S.R. 4016), including two new bridges over existing railroads. Michael Baker's services included project management; preliminary and final roadway and bridge design; railroad coordination; and highway lighting, traffic control, traffic signal timing, pavement marking, and signing and sign lighting plans. Michael Baker provided oversight of surveys and the preparation of right-of-way plans, drainage and stormwater management plans, and erosion and sedimentation control plans by subconsultants.</p>
<p>(12/03 – 12/05)</p>	<p>Task 0010, A/E Services to Provide a Reconstruction and Rehabilitation Program Master Plan and Program / Integration Management Plan / Solicitation Package Development U.S. Army Corps of Engineers, Middle East District - As a Cost Estimator, Mr. Chodkowski's responsibilities included providing parametric construction estimating services for reconstructing various bridges and roadways in Iraq. Michael Baker provided a team, both in Iraq and working in the U.S., to assist the client and the Coalition Provisional Authority (CPA) in the development of the Reconstruction and Rehabilitation Program Master Plan for the country of Iraq and the associated Program Management / Integration Management Plans / Solicitation Package Development to support the objectives of the CPA in the accomplishment of their assigned program.</p>
<p>(08/14)</p>	<p>Lower Hill/Centre Avenue Infrastructure Project, Allegheny County, Pennsylvania Sports and Exhibition Authority of Pittsburgh and Allegheny County - As Cost Estimator, Mr. Chodkowski was responsible for generating an estimate and constructability reviews during this project's preliminary design phase. Michael Baker provided full-service site civil, transportation, and sustainable infrastructure design and engineering for the Lower Hill Redevelopment Site, a 28-acre parcel situated adjacent to Downtown Pittsburgh on the land formerly occupied by the Pittsburgh Civic Arena.</p>



Firm employed by			
Name	Eric Erikson, PE, CFM	Years of relevant experience with this employer	<1
Title	Water Practice Lead	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization		MS / 2003 / Engineering and Technology Management BSCE / 1999 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer #31061 / Louisiana / 3-31-2024 Certified Floodplain Manager / US-23-12645/ 2-02-2023	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<p>Mr. Erikson will perform Line & Grade – H & H Drainage services. He is a professional engineer and a project manager with over 24 years of experience in water resources and general civil engineering. His skills include project management of transportation projects, site development, water and sewer improvement, pump station, port development, and marsh creation projects. Design experience includes hydrologic and hydraulic modeling, drainage impact studies, water distribution systems, sewer collection systems, residential and commercial site developments, and drainage channel improvements. He has managed various civil engineering projects for federal, state, and municipal clients. Mr. Erikson has experience with flood insurance mapping, LOMRs, and watershed master planning initiatives. He is proficient in using most Hand H software applications and stormwater design tools such as Hydrwin, Hydrocad, PondPak, HEC-RAS, and HEC-HMS in water resources.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(01/23 - Present)	<p>LA 30: EBR PL – I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana DOTD - Mr. Erikson is currently serving as the Hydraulics QA/QC Reviewer for the NEPA study for the widening of LA 30. Project is currently in the Part 1 phase of the study to determine the required widening requirements of LA 30 from the East Baton Rouge Parish Line to I-10. Project covers nearly 14 miles of improvements along LA 30 through Iberville and Ascension Parish. The study will determine how many additional lanes necessary for LA 30 along this stretch with intersection improvements at Bayou Paul Lane, LA 74, LA 3115, LA 73, and LA 3251. Additional responsibilities for Mr. Erikson include determining if the drainage areas have been delineated properly and that the storm water runoff flows meet DOTD requirements along with reviewing the HEC-RAS models for consistency and conformity to the DOTD Hydraulics Manual.</p>		
(01/23 - Present)	<p>US 371 KCS RR Overpass HBI, Louisiana DOTD. QA/QC Engineer. Responsible for providing guidance, review, and Quality Control for the drainage design of the new improvements of US 371 for the replacement of three bridges at two different locations: (Sibley, LA and Minden, LA). The bridges are being replaced of KCS railroad at both locations. The Sibley, LA site consists of a new bridge alignment offset from the existing to allow traffic to remain open during construction. The bridges at the Minden site bridges are being replaced in multiple traffic control operations where one bridge will remain open while a new bridge is being built. Once new bridge is built, traffic will move over to new bridge while the other bridge is being replaced. Mr. Erikson’s QA/QC review will make sure drainage is being done in accordance with DOTD Hydraulic Manual.</p>		
(01/23 - Present)	<p>Airline Highway (US 61) – North for MOVEBR, East Baton Rouge Parish, Louisiana City/Parish of Baton Rouge. Project Manager. Responsible for the review and analysis of major drainage crossings along Airline Highway between I-110 to US 190/US 61. Project is currently in the NEPA Decision making process. Addition responsibilities include reviewing existing</p>		



	models provided by MOVEBR for Jones Creek Crossing and Hurricane Creek crossings. NEPA Hydraulics phase is a low-level look at drainage improvements for the widening of Airline Highway from a 4-lane divided roadway to a 6-lane divided roadway. Once the NEPA process is complete, engineers will be released to develop construction plans. Mr. Erikson will oversee the development of the roadway drainage for the improvements. Project is currently following the DOTD guidelines for NEPA clearance.
(01/23 - Present)	Louisiana Watershed Initiative (LWI) Region 6 TO 2, Louisiana DOTD. Deputy Project Manager. Responsible for providing contract administration and assisting project manager in general project management duties such as resource allocation, scheduling, coordination of team members, and financial analysis. Michael Baker supplemented data collection and analysis, continued stakeholder engagement services, and performed topographic, bathymetric, and channel surveys. This task includes 2 HUC8 Watershed models.
(01/23 - Present)	Louisiana Watershed Initiative (LWI) Region 6 TO 3 Louisiana. DOTD. Deputy Project Manager. Responsible for the contract administration and assisting the project manager with general project management duties such as resource allocation, scheduling, team coordination, and financial analysis. Michael Baker is providing engineering and modeling services to the Louisiana Department of Transportation & Development (DOTD) for Region 6 for the Louisiana Watershed Initiative (LWI). This task includes 2 HUC8 Watershed models.
(01/23 - Present)	Louisiana Watershed Initiative (LWI) Region 1, Louisiana DOTD. Deputy Project Manager. Responsible for the contract administration and assisting the project manager in general project management duties such as resource allocation, scheduling, team coordination, and financial analysis. This task includes 3 HUC8 Watershed models.
(01/23 - Present)	Louisiana Watershed Initiative (LWI) Region 4, Louisiana DOTD. Deputy Project Manager. Responsible for contract administration and assisting the project manager with general project management duties such as resource allocation, scheduling, team coordination, and financial analysis. This task includes 1 HUC8 Watershed models.
(01/23 - Present)	LWI/SPP Group 1 Beauregard, Vernon and St. Landry Parishes, Louisiana DOTD. Project Manager. Responsible for the overall execution of the project, contract administration, and general project management duties, which include resource allocation, team coordination, sub-consultant coordination, scheduling, and financial analysis. Project will determine improvements to the watershed and reservoirs located within to mitigate flooding in the region.
(01/23 - Present)	Parish Comprehensive Drainage Plan, St. Tammany Parish, Louisiana St. Tammany Parish. Deputy Project Manager. Responsible for contract administration and assisting with general project management duties, such as resource allocation, team coordination, scheduling, and financial analysis. Attending public outreach meetings and assisted the public in understanding the project objective and goals. Provided review and QC of the Phase 1 final report.
1/20 - 12/22	South Choctaw Widening, Baton Rouge, Louisiana City. Parish of East Baton Rouge DPW. QA/QC. Responsibilities included oversight of entire construction plan set, including geometric design and drainage design. Reviewed DOTD HYDRWIN input and output files to make sure the design team was following DOTD Hydraulics Manual and design requirements. Also responsible for assisting the designer in addressing drainage comments from the municipality.




Firm employed by		Michael Baker INTERNATIONAL	
Name	Mohamed Bagha, PE, PMP, CFM	Years of relevant experience with this employer	17
Title	Water Practice Lead	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		Master's Certificate / 2011/ Project Management Program, University of Pittsburgh, Katz Graduate School of Business ME / 2003 / Civil Engineering BS / 1998 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer #102919 / Texas / 3-31-2023 2011 – Project Management Professional / 8-28-2023 2003 – Certified Floodplain Manager #1508-08N/Texas/ 12-31-2022	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Bagha will perform Line & Grade – H & H Drainage services. He is a professional engineer and a project manager with over 23 years of experience in water resources engineering. His skills include pavement and cross-drainage analysis, impact mitigation, and design for transportation projects. He performs advanced 1-D, 2-D, and unsteady model development for hydrology and hydraulics, stormwater management, and watershed planning. He is well-versed in stream restoration, natural channel design, scour analysis, and countermeasure design. He has managed various water resources projects for federal, state, and municipal clients. Mr. Bagha has been part of flood insurance mapping and watershed master planning initiatives, has expertise with hazard mitigation applications, and is proficient in using GIS applications in the water resources domain.	
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 years of experience specified in the applicable MPR(s).		
(09/15 – 03/20)	I-10 Corridor, Columbus and Yoakum, TX TxDOT - As Drainage Task Lead, Mr. Bagha was responsible for leading the drainage analysis, preliminary design, and impact mitigation for the I-10 corridor study that spans 120 miles and extends across the San Antonio, Austin, and Yoakum Districts. Evaluated existing internal and cross-cross-drainage structures and used hydrologic models (Rainfall Runoff models using HEC-HMS, Rational Method) and hydraulic models (HY8, EPASWMM, HEC-RAS, XP-2D HEC-RAS 2D) to analyze adequacy of over 150 existing culverts and bridges and design replacement structures where needed for compliance with criteria in TxDOT's Hydraulic Design Manual.		
(05/18 – 09/20)	I-37 Engineering and Environmental Services, Corpus Christi, TX TxDOT - As Drainage Task Lead, Mr. Bagha performed hydrologic and hydraulic modeling for existing and proposed conditions at Nueces River bridge crossing, performed impact analysis and mitigation. Mr. Bagha developed drainage report and coordinated with client. Michael Baker provided structural, environmental, and hydrological engineering services for the preparation of plans, specifications, and estimates (PS&E) for the widening of I-37 in Corpus Christi, Texas. Services included preparing roadway and bridge designs, hydrologic and hydraulic designs, designs for stormwater drains and traffic signals, surveying, geotechnical data collection, subsurface utility engineering, and design support. Michael Baker prepared environmental permitting to meet the guidelines of the Clean Water Act and the Rivers and Harbors Act.		
(07/15 – 03/19)	IH-35 Planning and Environmental Linkages TxDOT - Mr. Bagha served as team lead for hydrology and hydraulics analyses and drainage design on IH-35 ramp reversal project. He developed existing and proposed hydrologic and hydraulic models for onsite drainage features and cross-drainage (offsite channels) and performed impact assessment to quantify and mitigate impacts of proposed fill including increases in peak flows, velocities, and water surface elevations. Mr. Bagha developed HEC-HMS, HEC-RAS, HY8 and EPA SWMM models in support of this analysis; evaluated and mitigated net fill placed in the floodplain as a result of the proposed ramp reversal project; led drainage coordination meetings with client and GEC engineers; and prepared comprehensive drainage report to document findings. Michael Baker provided preliminary engineering, traffic analysis, modal analysis, and public and		



	<p>stakeholder outreach for the I-35 Future Transportation Corridor (FTC) Planning and Environmental Linkages (PEL) Study Michael Baker performed traffic demand modeling to evaluate FTC mode choice, evaluated the engineering feasibility of multiple alternatives, and developed environmental constraints mapping and resource technical reports. Michael Baker also developed a public involvement and agency coordination plan, coordinated with stakeholders, and held nine public meetings.</p>
05/21- 09/22	<p>IH-45 Galveston. Texas Department of Transportation. Project Manager. Responsible for oversight of the drainage design for 1.15 miles of I-45 south of the Galveston Causeway. Oversaw the analysis and design for drainage infrastructure to support the reconstruction of IH-45 main lanes and frontage roads. The overall project is for a 3.0-mile segment of IH-45 South of the Causeway in Galveston County. The scope involved preparation of a drainage study and storm drain design (PS&E). As a subconsultant to CivilTech, MBI supported the PS&E component of the project. The study limits extended from just south of the Causeway, to 59th street. Also included in the project was a section of 61st street, for approximately 0.25-miles.</p>
04/20- 03/23	<p>U.S. 59 Wharton PS&E, Wharton County, Texas. Texas Department of Transportation. Project Manager. Responsible for oversight of hydrologic and hydraulic analysis and drainage design. Oversaw the development of a watershed model on the Colorado River to better understand how the Colorado River overflows and floodplain impacts the US 59 alignment. Oversaw the development of local hydrology and hydraulics for streams that also carry overflow from the Colorado River. Michael Baker provided design and engineering services for the reconstruction of U.S. 59 from S.H. 60 to one mile south of F.M. 961. This project involves upgrading U.S. 59 to a rural freeway standard since the route lies on the future I-69 corridor. The existing conditions consist of four lanes, divided, with a depressed median, while the proposed condition calls for six lanes, divided, with a median barrier. For the project, Michael Baker provided data collection, hydrologic and hydraulic modeling and analysis, and drainage designs.</p>
04/14- 03/16	<p>IH-35 at 51st PS&E. Texas Department of Transportation. Drainage Manager. Provided drainage design for proposed IH-35 roadway improvements (adjustments to mainline, frontage road, collector distributor and ramps). Designed storm sewer system, two detention ponds (including restrictors, risers, and trash tracks), and connection into existing storm sewer system on NBML and NBFR. Performed impact assessment of proposed improvements to outfalls. Evaluated adequacy of existing cross-drainage culverts using H&H modeling. Responded to drainage shop drawings and RFIs during construction phase.</p>
05/20- 03/18	<p>S.H. 360 Design-Build, Grand Prairie, Texas. Texas Department of Transportation. QA/QC Engineer. Responsible for performing Quality Assurance/Quality Control reviews on drainage design, and back-checks for drainage analyses and design (including hydrologic and hydraulic models). Michael Baker provided roadway, drainage, and bridge design services as a subconsultant for this design-build project. The Project includes a 9.7-mile, four-lane controlled access facility. Michael Baker's scope of services was roadway, structural and drainage design for 2.7 miles of the project, with seven bridge structures and associated retaining walls. Frontage road design included widening under the UPRR railroad with rock anchor walls and required railroad coordination for design approvals and exhibits. Michael Baker also managed the structural design for the entire corridor.</p>
(06/13 - 06/20)	<p>French Creek Natural Waterway Conveyance Improvement - PER and Design Services, Helotes, TX Bexar County -As Project Manager, Mr. Bagha's responsibilities included overall project management, client coordination, invoicing, schedule and quality responsibilities, subcontractor coordination, and preparing deliverables. He was also responsible for hydrologic and hydraulic modeling of existing and proposed conditions align the channel to demonstrate impacts of the conveyance improvements to the flooding along French Creek and its tributaries. Michael Baker was the prime contractor in developing a preliminary engineering report (PER) and construction documents in support of a project that provided flood relief along French Creek. The project lies within a natural stream within the Edwards Aquifer recharge zone. Michael Baker developed environmentally acceptable ways to make improvements to the stream corridor between FM 1560 and Loop 1604. In addition, Michael Baker identified drainage improvements to the intersection of Diamond K Road and Bar X Trail. Michael Baker reviewed existing documents, performed a hydrology/hydraulic study requested a letter of map revision (LOMR), provided flood reduction and natural channel design, developed, and analyzed alternatives, and prepared an opinion of probable costs. Subsequent phases included channel and cross-culvert design, utility conflict identification and resolution, and construction phase services.</p>




Meets MPR #3			
Firm employed by			
Name	Kerry Oriol	Years of relevant experience with this employer	23
Title	NEPA Project Manager	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		BS / 1989 / Fish and Wildlife Biology	
Active registration number / state / expiration date		n/a	
Year registered	2002	Discipline	NHI Course No. 142005 NEPA and Transportation Decision Making, FHWA
Contract role(s) / brief description of responsibilities		<p>Ms. Oriol will serve as the Environmental Lead on LA 429 and will provide Environmental and NEPA Studies services in the following areas: NEPA Document, 4(f) & 6(f), Environmental Justice/Socioeconomic Land Use, and Conceptual Stage Relocation Plan.</p> <p>Ms. Oriol has over 34 years of multidisciplinary experience in the environmental field. She maintains expertise in project management, NEPA documents and public outreach requirements, including Environmental Impact Statements (EIS), Environmental Assessments (EA), Environmental Assessment Statement (EAS), Natural Resource Damage Assessments (NRDA), ecological studies and biological assessments, and mitigation planning and implementation for project-specific impacts. Ms. Oriol's pre-consulting experience involved working within the former Water Pollution Control Division of the Louisiana Department of Environmental Quality's (LDEQ) Office of Water Resources and as a research associate with LSU.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(1/17-2/21)	<p>Environmental Project Manager: LADOTD, I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, State Project No. H.004100.2, Federal Aid Project No. H004100, East and West Baton Rouge Parishes, LA. A study of Interstate 10 through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Responsibilities: Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.</p>		
(09/10-06/16)	<p>Environmental Project Manager: City of Baton Rouge / Parish of East Baton Rouge, Pecue Lane / I-10 Interchange, Stage 1 Environmental Assessment / NEPA, City-Parish Project No. 09-CS-US-0041, State Project No. 700-17-0221, Federal Aid Project No. IM-1709(507), East Baton Rouge Parish, LA. Environmental Assessment and all necessary supporting documents for construction of an interchange at I-10 and Pecue Lane adding multiple through lanes on Pecue Lane, entrance/exit ramps on eastbound and westbound I-10. Replacement of two-lane Overpass Bridge and Pecue Lane / Ward Creek bridge, extension to Rieger Road with</p>		



	new intersection at Pecue Lane, and related work. Responsibilities: Management of all NEPA coordination and documentation efforts, public meetings, team coordination, and preparation of decision document.
(02/09- 11/21)	Environmental Project Manager: I-49 Inner City Connector (SPN 700-09-0171), Caddo Parish, LA. The scope of work included all relevant tasks for a Stage 0 Feasibility Study and Environmental Inventory. The project is a connector segment of the I-49 Corridor which runs from Winnipeg, Manitoba, Canada to New Orleans, LA. The connector is designed to intersect Shreveport, Louisiana through the urban area adjacent to the center of downtown with an approximate 3.6-mile-long highway segment connecting the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. The Stage 0 was completed 4 months ahead of schedule and within the specified project budget. Unlike many Stage 0 studies, public outreach was a major component in determining project feasibility. Public opposition in previous years to I-49 through this area forced the original alignment to be removed from consideration. This project included both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs) through the use of subconsultants. The Stage 1 EA is currently underway.
(07/20-Ongoing)	Environmental Project Manager: Atlas Technical Consultants, LLC, Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA. This project includes an Enhanced Planning investigation with the ultimate objective to construct a new crossing of the Mississippi River. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying the preliminary purpose and need (P&N), revising, submitting and updating P&N; permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives for use in narrowing alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Final Report for Phase I, addresses comments from Phase I, preparing materials and attending agency brief meetings/focus group meetings, and public meetings. Responsibilities: Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(02/21-Ongoing)	Environmental Project Manager: LADOTD, LA 1/LA 415 Connector Environmental Assessment Reevaluation, State Project No. H.005121, Federal Aid Project No. H005121 West Baton Rouge Parish, LA. A reevaluation of an existing EA for a LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway, necessary to consider a change in bridge height and possible relocation of approved right-of-way. Efforts include a vessel study and reevaluation of traffic data to assess design modifications and potential right-of-way modifications. Responsibilities: Management of project schedule, NEPA process and NEPA document revision, including revision of supporting technical studies, coordination with state agencies, environmental, analyses, organization of agency meetings, and development of public information and agency involvement plans.




Meets MPR #3			
Firm employed by			
Name	Chris Gesing, PE	Years of relevant experience with this employer	43
Title	National Director, Rail and Transit NEPA Services	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 1984 / Civil Engineering BS / 1980 / Civil Engineering	
Active registration number / state / expiration date		PE # 26996 / Louisiana / 03-31-2025	
Year registered	1996	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<p>Mr. Gesing will serve as the NEPA Document Manager for the LA 429 project. Chris is well known and respected within LADOTD and the consulting community. For 26 years, he has served LADOTD as the Project Manager and Environmental Lead for the North-South Expressway, LA 1 Improvements and I-69 SIU 15 EISs and is leading the NEPA/Environmental studies for LADOTD's New Orleans Rail Gateway (NORG) Program. He brings over 40 years of expertise in bridge, traffic, roadway, and planning (Stage 1 studies). Chris authored LADOTD's first Stage 1 (Planning/Environmental) Manual of Standard Practice and instructed NEPA classes for LTRC and ASCE. He is a former TRB Committee on Analysis in Transportation (NEPA Committee) member, where he served as the Steering Subcommittee Chair. He has taken the NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making." He has authored numerous NEPA documents (EISs, EAs, and CEs) for LADOTD and transportation agencies nationwide. Chris satisfies all LADOTD requirements for a Stage 1 Project Manager and Environmental Lead.</p>	
Experience dates (mm/yy-mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover years of experience specified in the applicable MPR(s).	
(04/22 - Ongoing)		<p>LA 30: EBR PL - I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana LADOTD - Mr. Gesing is currently serving as the Deputy Project Manager and Environmental Lead for the NEPA study for the widening of LA 30. Project is currently in the Part 1 phase of the study to determine the required widening requirements of LA 30 from the East Baton Rouge Parish Line to I-10. Project covers nearly 14 miles of improvements along LA 30 through Iberville and Ascension Parish. The study will determine how many additional lanes necessary for LA 30 along this stretch with intersection improvements at Bayou Paul Lane, LA 74, LA 3115, LA 73, and LA 3251. Additional responsibilities for Mr. Gesing include managing the environmental field services to collect the necessary field data along with developing the FHWA Project Management Plan.</p>	
(07/11 - Ongoing)		<p>H.005168: New Orleans Rail Gateway Program, Jefferson and Orleans Parishes, LA LADOTD - Mr. Gesing is currently serving as Project Manager and Environmental Lead for \$638 million in improvements to the New Orleans Rail Gateway, the fourth-largest freight rail gateway in the United States. Michael Baker's services include environmental and engineering services, geographic information system (GIS) development, mapping, rail and roadway travel demand modeling, alternatives analyses, rail and roadway conceptual design, cost estimates, document preparation, stakeholder and agency coordination including FRA, FHWA, LADOTD, NORPC, six Class 1 railroads, Amtrak, NOPB, City of New Orleans, Jefferson Parish, the Port of New Orleans and federal/state resource agencies, and extensive public and minority community outreach. A "Program of Projects" throughout the Gateway is being advanced to improve rail/roadway operational</p>	



	performance and eliminate bottlenecks. Stage 1 studies are currently underway to close, consolidate and grade separate highway-railroad crossings along US 90 in Jefferson, Louisiana and in the Waggaman, Louisiana area.
(08/02 – 12/06)	736-99-1025: Stage 1 – Planning/Environmental Manual of Standard Practice, Statewide, LA DOTD - Mr. Gesing served as Project Manager, Author and Course Instructor. He developed the DOTD's initial Manual of Standard Practice and training program and conducted several half-day training sessions. The Stage 1 Planning/Environmental Manual of Standard Practice provides transportation project managers guidance in advancing transportation improvements projects through Stage 1 of the DOTD's Project Development Process (PDP). A half-day training course was developed, and Michael Baker provided several half-day training sessions to DOTD and FHWA Louisiana Division staff. The DOTD updated the Manual in 2018.
(09/99 – 09/04)	700-29-0112: Louisiana 1 Improvements Alternatives Analysis and Environmental Impact Statement, EIS/ROD, Lafourche Parish, LA DOTD - Mr. Gesing served as Project Manager and Environmental Lead for a \$1.3 billion, 17-mile four-lane fully controlled access elevated highway on new location with bridges spanning navigable waterways. Michael Baker conducted the route location, conceptual engineering, and environmental evaluation. The project area encompassed some of the most ecologically unique and sensitive areas in Louisiana, and perhaps the Nation, and traversing the area with a highway on new location presented major environmental challenges. The project received national attention for its environmental stewardship and streamlining accomplishments and was the recipient of the 2004 AASHTO President's Transportation Award for Environment .
(08/97 – 09/05)	700-09-0117: North-South Expressway, Location and Environmental Study, EIS/ROD, Caddo Parish, LA DOTD - Mr. Gesing served as Project Manager for a \$670 million, 35-mile four-lane fully controlled highway on new location between I-220 in Shreveport, Louisiana, and the Arkansas state line (now referred to I-49 North). The project included logical termini evaluation, interchange justification studies (IJS), Phase I Cultural Resources Assessment, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, and air quality impact assessment.
(04/01 – 11/14)	700-94-0003; F.A.P. No. HPI-690-1(001): I-69 Section of Independent Utility No. 15 EIS/ROD, Louisiana (HPC 18 US 171 to I-20), Bossier, Caddo and DeSoto Parishes, LA DOTD - Mr. Gesing served as Project Manager and Environmental Lead for a Stage 1 study of a \$1.7 billion, 35-mile interstate facility on new location between U.S. Highway 171 (U.S. 171) near Stonewall in DeSoto Parish, and I-20 near Haughton in Bossier Parish. Michael Baker conducted a preliminary engineering and environmental study for I-69 Section of Independent Utility (SIU) 15 including conceptual Red River Bridge design and navigable waterway studies, interchange justification studies (IJS), Phase I Cultural Resources Assessment including probability modeling for archaeological resources and geoarchaeological study, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, Endangered Species Act Section 7 consultation and Interior least tern (ILT) and Red-cockaded woodpecker (RCW) biological assessments.
(05/08 – 05/11)	700-08-0130: East-West Corridor Environmental Assessment, EA/FONSI, Bossier Parish, LA Northwest Louisiana Council of Governments (NLCOG) - Mr. Gesing served as Project Manager and Environmental Lead for a new location eight-mile, two-lane urban collector with right-of-way clearance for future widening to a five-lane facility when traffic conditions warrant. The purpose of the new \$56 million facility was to alleviate congestion and reduce travel delays along the other roadways that link the rapidly growing residential areas of Bossier Parish with the Shreveport and Bossier City employment centers. Michael Baker's services included traffic analyses including conducting traffic counts and forecasting traffic using NLCOG's TransCAD regional travel demand model (TDM); Phase I Cultural Resources Assessment including probability modeling for archaeological resources and geoarchaeological study; wetland delineation and surface waters evaluations; Phase I Environmental Site Assessment (ESA); and highway traffic noise studies.



Firm employed by			
Name	Adam Davis, PE	Years of relevant experience with this employer	7
Title	Civil Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active registration number / state / expiration date		PE #34767 / Louisiana / 9-30-2023	
Year registered	2009 - PE 2012 - NEPA	Discipline	Civil Engineering NHI Course No. 142005 NEPA and Transportation Decision Making, FHWA
Contract role(s) / brief description of responsibilities		<p>Mr. Davis will provide NEPA Document services for LA 429. Mr. Davis brings an extensive background in roadway and hydraulic design, field inspections, and bridge design and rehabilitation. His background includes experience in geometric roadway design, stormwater system design, and civil/site design. Mr. Davis has participated in the design of concrete I-girder spans, slab spans, steel girder spans, and movable bridges. He also has considerable experience in structural design, detailing, geometric design, and NEPA document preparation. He has an extensive background working with the Louisiana Department of Transportation and Development (LADOTD) and was a task leader on multiple structural inspection projects. His background includes experience and proficiency with software such as MicroStation, InRoads, and AutoCAD.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(01/17 -2/21)	<p>Project Engineer: I-10: LA 415 to Essen Lane on I-10 and I-12 Stage 1 Environmental Assessment, (State Project No. H.004100.2) Study of I-10 through Baton Rouge to develop feasible improvements and obtain an environmental decision to implement improvements to I-10 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 and analysis of the implementation of various concepts to recommend a preferred alternative. (Widening existing infrastructure and revising interchanges). Extensive public outreach efforts are also included to ensure public input. Performed necessary engineering tasks for Stage 1 assessment.</p>		
(10/10-10/16)	<p>Project Engineer: City/Parish of East Baton Rouge, Pecue Lane / I-10 Interchange, Stage 1 EA; (SPN 700-17-0221) Stage 1 EA and related services including review of a previously completed IJR to meet NEPA compliance and obtain an environmental decision. The City-Parish, as part of the Green Light Plan Transportation and Street Improvements Program, proposed converting the existing two-lane Pecue Lane overpass and Interstate 10 into a new interchange, with Pecue Lane having multiple through lanes. The new interchange would provide entrance and exit ramp access to both eastbound and westbound lanes of I-10. Elevations and widths of the new Pecue Lane/I-10 interchange would require widening existing Pecue Lane to the south towards the Kansas City Southern Railroad and to the north towards Airline Highway (US 61). This would also require existing Pecue Lane and I-10 bridges over Wards Creek to be replaced or modified; subsequently, Reiger Road would be extended to Pecue Lane and a new intersection would be constructed as part of the final design. The EA was prepared in accordance with all FHWA Technical Advisory and DOTD laws, rules policies and regulations.</p>		



<p>(02/09-2/21)</p>	<p>Project Engineer: I-49 Inner City Connector (SPN 700-09-0171), Caddo Parish, LA. The scope of work included all relevant tasks for a Stage 0 Feasibility Study and Environmental Inventory. The project is a connector segment of the I-49 Corridor which runs from Winnipeg, Manitoba, Canada to New Orleans, LA. The connector is designed to intersect Shreveport, Louisiana through the urban area adjacent to the center of downtown with an approximately 3.6-mile-long highway segment connecting the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. The Stage 0 was completed four months ahead of schedule and within the specified project budget. Unlike many Stage 0 studies, public outreach was a major component in determining project feasibility. Public opposition in previous years to I-49 through this area forced the original alignment to be removed from consideration. This project included both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs) through the use of subconsultants. The Stage 1 EA is currently underway.</p>
<p>(12/12-12/16)</p>	<p>Project Engineer: LADOTD, Widening LA 28 East, Stage 1 EA, State Project No. H.004825.2, Federal Aid Project No. H004825, Rapides, LaSalle, and Catahoula Parishes, LA. EA for proposed improvements to LA 28 East, starting from the western intersection with LA 3128 (Libuse) to its eastern intersection with LA 1207 (Holloway), with environmental study to continue to LA 84 in Catahoula Parish. EA includes an assessment of potential engineering and environmental issues identified via a line and grade study and environmental study in compliance with NEPA, LADOTD, FHWA and other applicable rules, regulations, and laws. Project includes planning, engineering and conceptual design, EA document, mitigation plan development, public outreach/involvement, environmental justice screening, traffic analysis, surveying, cost estimates, noise and air quality studies, permitting, wetlands analyses, biological survey/assessment, alternatives analysis, and Phase I ESA. Responsibilities: Geometric design, roadway plan preparation, assistance in NEPA document preparation, conduction of public meetings, and assistance in overall project management.</p>



Firm employed by			
Name	Bijay Niraula, PMP	Years of relevant experience with this employer	7
Title	Environmental Manager	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 2014 / Environmental and Biological Sciences BS / 2009 / Environmental Science	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		<p>Mr. Niraula will serve as NEPA Document Manager. Mr. Niraula has seven years of experience with environmental compliance management and supervises a team of 10 environmental specialists comprised of historians, archaeologists, biologists, air and noise analysts, and NEPA analysts. He has overseen numerous environmental permit applications at local, state, and federal levels for transportation projects of several types. His responsibilities have included the management of and coordination among various environmental disciplines. Mr. Niraula has conducted as well as overseen numerous wetland delineations, threatened and endangered species surveys, all levels of Clean Water Act Section 404 permitting, Section 401 and 402 compliance, socioeconomic effect analyses, land-use change analyses, indirect and cumulative effects analyses, public outreach on projects with high public controversies, and NEPA documents ranging from programmatic Categorical Exclusions to complex Environmental Assessments. Mr. Niraula leads extensive coordination with various local, state, and federal regulatory agencies, including U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Coast Guard, National Marine Fisheries Service, and has worked as a proxy environmental compliance reviewer for many Georgia Department of Transportation (GDOT) projects.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(07/20 – Present)	<p>S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA – Mr. Niraula serves as NEPA Document QA/QC for the new bridge crossing of the Mississippi River to alleviate traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. Three alternatives have been identified from the Enhanced Planning Study and will be analyzed further in Part 2 of the project, which consists of preparing the NEPA document to identify a preferred alternative.</p>		
(01/18 - Present)	<p>Georgia Department of Transportation (GDOT) PI #522570, US 84 Connector EA, Liberty County, GA – As the Consultant Environmental Project Manager, Mr. Niraula led the overall environmental efforts for resource identification studies, pre-NEPA technical studies, Draft EA, public hearing, and Final EA/FONSI. Mr. Niraula was responsible for overseeing and providing quality control and assurance for the environmental documents and public involvement plans for this \$31 million project. Major challenges included two large wetland crossings, avoidance of disproportionate EJ impacts, EJ impact mitigation, and targeted EJ outreach.</p>		
(10/15 – 05/18)	<p>State Route 400 at McGinnis Ferry Road Interchange Construction, Forsyth County, GA – Mr. Niraula worked as a Senior Project Ecologist providing quality control of ecological investigations and assessments during the concept and preliminary engineering</p>		



	<p>phases of this \$45 million new interchange project. During final design, he oversaw the overall environmental process and provided quality control of EA Reevaluation and environmental permitting, ensuring on-time completion of environmental certification for construction. Major challenges included USACE coordination and 404 permitting, noise abatement, constructability, and detour.</p>
(01/15 - 01/17)	<p>I-16/I-75 Interchange Reconstruction and Widening, Bibb County, GA - Mr. Niraula completed the natural resource impact assessment and Section 404 Individual Permit Application. This \$500 million project contained many challenges, such as construction restrictions for the federally protected sturgeon species, National Marine Fisheries Service Section 7 consultation, temporary construction access in the Ocmulgee River for the construction of 10 bridges, Section 4(f), archaeological resources, highest level of Section 404 permitting, etc. His team, with his quality control and oversight, completed the NEPA Re-evaluation for the first four phases of the project, totaling approximately \$280 million in construction cost.</p>
(05/18 - Present)	<p>Courtesy Parkway Connector over Interstate-20, Rockdale County, GA - Mr. Niraula led the overall environmental efforts for alternatives analysis and selection, resource identification studies, pre-NEPA technical studies, public outreach, Draft EA, public hearing, and Final EA/FONSI. Mr. Niraula was responsible for overseeing and providing quality control and quality assurance for the environmental documents and public involvement plans for this \$32 million project. Major challenges included avoidance of a USACE mitigation bank, public controversy with a written petition against the project, multiple targeted public outreaches, and avoidance of disproportionate environmental justice (EJ) impacts.</p>
(01/15 - 04/21)	<p>GDOT Effingham Parkway, Effingham & Chatham Counties, GA - Mr. Niraula served as NEPA Lead, overseeing ecological investigations, including resource identification/delineations and impact assessment, QA/QC of the ecology document, and associated permits. The project consisted of overall design, environmental, geotechnical, and bridge-related engineering work for this six-mile-long new location project in Effingham and Chatham Counties.</p>
(05/16 - 10/21)	<p>West Kingsland Bypass, Camden County, GA - Mr. Niraula was the Natural Resources Lead. His responsibilities included technical oversight of ecological surveys, resource delineations and impact assessment, and QA/QC of the ecology document and environmental permits.</p>
(01/19 - 01/21)	<p>Thomson West Bypass (TIA Project), McDuffie, GA - Mr. Niraula was Environmental Lead, and his responsibilities included discipline and schedule management and coordination with the lead agency (U.S. Army Corps of Engineers) on Section 404 permit and GA EPD on Stream Buffer Variance.</p>




Firm employed by			
Name	Stefanie G. Castracane, EI	Years of relevant experience with this employer	<1
Title	Environmental Scientist	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		MS / 2013 / Biological and Agricultural Engineering BA / 2011 / Biological Engineering	
Active registration number / state / expiration date		EI 30464 / LA / 9-30-2023	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		<p>Ms. Castracane's role will be Phase I ESA. She has over six years of engineering and project coordination experience in the investigation, evaluation, and remediation of impaired sites throughout the United States. She has been the lead project coordinator on several long-term, large-scale investigation and remediation projects under the jurisdiction of CERCLA, RCRA, and state-led programs.</p> <p>She has been a field engineer for environmental investigations and remediation and regulatory compliance for large-scale environmental projects and industrial facilities in Louisiana, Texas, Oklahoma, and New Mexico, primarily in the oil and gas and chemical manufacturing industry. She has experience delineating soil and groundwater impacts, designing and implementing remedial programs, operations and maintenance of groundwater treatment systems, acid sludge pond remediation, LNAPL plume management, and remediation of salt-impacted soil. She has project management experience coordinating semiannual groundwater sampling events and other field activities, regulatory reporting for several former refinery and exploration and operational production sites, cost engineering, and preparing proposals and final reports.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
2021	<p>Phase I Environmental Site Assessment/Due Diligence for Multiple Clients in Louisiana - Ms. Castracane performed numerous Phase I Environmental Site Assessments (ESA) for multiple commercial, industrial, residential, and preconstruction retail properties. The Phase I ESAs were performed in accordance with the American Society of Testing of Materials (ASTM) Standard Practice for evaluating environmental risk by determining the potential of recognized environmental concerns (RECs) associated with the subject and surrounding properties. Her responsibilities included data review, performing historical records review including environmental database and public records search, and performing a site reconnaissance to identify past and current uses of the properties. Report writing included preparing detailed findings, conclusions, and recommendations.</p>		
2021	<p>Phase II Environmental Site Assessment in Mississippi - A Phase II ESA Soil and Groundwater Investigation was performed at the Sea Coast Echo Facility in Bay St. Louis, MS. The investigation was driven by findings reported in the Phase I Property Environmental Site Assessment conducted to determine the environmental risk associated with the purchase of the property. Selected soil samples were submitted for laboratory analysis to assess potential impacts from chemical use and storage as part of the current newspaper production and previous use as an automobile service center. Groundwater samples were also collected and analyzed for constituents of concern. A final report was prepared comparing analytical results to Mississippi Department of Environmental Quality (MDEQ) Risk Evaluation Procedures for Voluntary Cleanup and Redevelopment of Brownfield Sites Target Risk Goals (TRGs) screening standards.</p>		




<p>2018 – 2020</p>	<p>Assistant Project Coordinator for a Superfund site delineation and remediation design in Texas - Activities included site-wide characterization of dioxin and furan impacts from former paper operations; management and preparation of field investigations; preparation of a pilot test for water treatment during the full-scale remediation of the site; assess alternatives and conduct decision analyses, risk assessments, and cost comparisons for final remedy selection; report development and review; development of a cost-loaded schedule and forecasting of year-end spend; monthly milestone tracking; preparation of JSAs and JMPs; tracking of safety statistics; client and stakeholder interaction; and regulatory correspondence with the TCEQ and the EPA.</p>
<p>2016 – 2019</p>	<p>Project Manager for former oil and gas refinery in Oklahoma - Activities included site wide characterization of soil and groundwater impacts from former refinery operations; management and preparation of field investigations including groundwater sampling, soil investigations, and Site O&M; preparation of a pilot test for the full scale remediation of an acid sludge pond; development of remedial alternatives, interim corrective actions, and final remedy selection; report development and review; monthly tracking of a cost loaded schedule and forecasting of year end spend; monthly milestone tracking; preparation of JSAs, JMPs, and tracking of safety statistics; and client, regulator, and stakeholder interaction.</p>
<p>2017 – 2019</p>	<p>Project Manager for former E&P site and tank battery in New Mexico - Activities included site wide characterization of groundwater impacts from former E&P operations; management and preparation of field investigations including semiannual groundwater sampling activities; installation of new wells to delineate the extent of groundwater impact; aquifer testing to support the development of a groundwater model; preparation of memos, reports, and a strategic path forward; and permitting and regulatory correspondence with the NMOCD and the NMOSE.</p>
<p>2017 – 2019</p>	<p>Project Manager for former E&P site in New Mexico - Activities included site wide characterization of groundwater impacts from former E&P operations; management and preparation of field investigations including semiannual groundwater sampling activities; plugging and abandonment of wells; aquifer testing to support the development of a groundwater model; engineering and design of a groundwater recovery system; preparation of reports, permitting and regulatory correspondence with the NMOCD and NMOSE.</p>




Meets MPR #5			
Firm employed by		 COASTAL ENVIRONMENTS, INCORPORATED	
Name	David Kelley, Ph.D.	Years of relevant experience with this employer	42
Title	Archaeologist / Historian	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Ph.D / 1990 / Anthropology	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Dr. Kelley will be performing Historic and Cultural services for LA 429. Dr. Kelley has over 42 years of experience overseeing cultural resources investigations for LADOTD and other agencies. During that time, he has served as the Principal Investigator or Project Archaeologist for over 100 projects.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(08/22 - 03/23)	LA 1/ LA 415 Connector, West Baton Rouge, LA - Principal Investigator. Highway construction.		
(03/22 - 04/23)	Louisiana Clean Energy Pipeline, Ascension, St. James, St. John the Baptist and Tangipahoa Parishes, LA - Principal Investigator. Carbon sequestration project.		
(05/12 - 06/21)	I-10 Calcasieu River Bridge Replacement (H.003931.5), Lake Charles, LA - Principal Investigator. Replacement of Interstate Highway bridge.		
(11/20 - 04/21)	LA 8 Sabine River Bridge Replacement, Vernon Parish, LA - Principal Investigator. Construction of approach to new bridge.		
(08/18 - 03/19)	LA 70 Widening, Sunshine Bridge to LA 22 (H.002424), Ascension and St. James Parishes. Principal Investigator. Highway widening.		
(07/17 - 01/18)	US 190/LA 415 Interchange Improvements (H.000358), West Baton Rouge Parish, LA - Principal Investigator. Interchange improvements.		
(01/17 - 01/19)	LA 3234 Extension from LA 1065 to Hammond Airport (H.008915), Hammond, LA - Principal Investigator. Extension of highway to airport.		
(10/15 - 05/16)	Dijon Drive Extension (H.0012232), Baton Rouge, LA - Principal Investigator. Construction of connector road.		
(05/14 - 01/16)	US 61 to I-10 Connector (H.004891), St. John the Baptist Parish, LA - Principal Investigator. Construction of Interstate connector.		
(05/12 - 03/17)	LA 1 Bridges near Grand Isle (H.005403), Jefferson and Lafourche Parishes, LA - Principal Investigator. Replacement of bridges.		
(04/08 - 10/10)	Front Street Natchitoches Improvements (700-35-0123) Natchitoches Parish, LA - Principal Investigator. Improvements to brick street.		
(02/03 - 12/05)	New River Restoration Project, Ascension Parish, LA - Principal Investigator. Drainage improvements to New River		




Meets MPR #5			
Firm employed by			
Name	Joanne Ryan, MA	Years of relevant experience with this employer	30
Title	Archaeologist / Historian	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		MA / 1988 / Archaeological Studies	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Ms. Ryan will be performing Historic and Cultural services for LA 429. Ms. Ryan has over 32 years of experience directing archaeological surveys for LADOTD and other agencies. She has taken courses in Section 106.	
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 years of experience specified in the applicable MPR(s).		
(08/22 – 06/23)	LA 1/LA 415 Connector (H.05121.2), West Baton Rouge Parish, LA – Directed archaeological survey. Highway connector construction.		
(08/20 – 12/20)	Pecan Island Road Bridge (H.010724.2), Pointe Coupee Parish, LA – Directed archaeological survey. Bridge replacement.		
(10/18 – 05/19)	LA 5 Realignment Between Gloster and Kingston (H.001749.2), DeSoto Parish, LA – Directed archaeological survey. Highway realignment.		
(08/18 – 03/19)	LA 70 Widening, Sunshine Bridge to LA 22 (H.002424), Ascension and St. James Parishes. Archaeologist. Highway widening.		
(04/16 – 12/16)	Bayou Paul Bridge Route LA 327 (H.002333), Iberville Parish, LA – Directed archaeological monitoring. Bridge replacement.		
(01/17 – 01/19)	LA 3234 Extension from LA 1065 to Hammond Airport (H.008915), Hammond, LA – Directed archaeological survey. Extension of highway to airport.		
(02/16 – 02/18)	LA 10/LA 67 Intersection Widening (H.009012), East Feliciana Parish, LA – Directed archaeological survey. Widening of intersection.		
(05/14 – 01/16)	US 61 to I-10 Connector (H.004891), St. John the Baptist Parish, LA – Directed archaeological survey. Construction of Interstate connector.		
(08/17 – 09/17)	Black Bayou Bridge Replacement (H.001661.2), Catahoula Parish, LA – Directed archaeological survey. Bridge replacement.		
(11/15 – 11/16)	Castor Creek Bridge Replacement (H.001537.2), Bienville Parish, LA – Directed archaeological survey. Bridge replacement.		
(05/14 – 01/16)	LA 121 Bridge Replacement (700-58-0117), Vernon Parish, LA – Directed archaeological survey. Bridge replacement.		
(05/12 – 03/17)	LA 35 Bridges near Kaplan (207-02-0019), Vermilion Parish, LA – Directed archaeological survey. Bridge replacements.		
(01/09 – 03/11)	LA 8 Bridge Replacement (134-02-0021) Vernon Parish, LA – Directed archaeological survey. Bridge replacement.		




Meets MPR #6			
Firm employed by			
Name	Sara Hahn, MA	Years of relevant experience with this employer	27
Title	Senior Architectural Historian/Archaeologist	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MA / 2005 / Anthropology	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Ms. Hahn will be performing Historic and Cultural services for LA 429. She has over 24 years of experience directing standing structure surveys for LADOTD and other agencies. She meets the Secretary of the Interior's qualifications for Architectural Historian and Archaeologist and has taken courses in Section 106, Section 106 Agreement Documents, Section 4(f) Compliance for Historic Properties, and NEPA Compliance for Cultural Resources. She is certified as a Traffic Control Technician-LA State Specific.	
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 years of experience specified in the applicable MPR(s).		
(05/12 - 06/21)	I-10 Calcasieu River Bridge Replacement (H.003931.5), Lake Charles, LA - Directed standing structure survey and NRHP evaluation. Replacement of Interstate Highway bridge.		
(10/20-10/21)	I-49 Inner City Connector (H.003915), Shreveport, LA - Directed standing structure survey and aided in Section 106 consultation. New highway connector.		
(08/18 - 01/19)	LA 70 Widening from the Sunshine Bridge to LA 22 (H.002424), Ascension and St. James parishes, LA - Directed standing structure survey and NRHP evaluation.		
(01/17 - 01/19)	LA 3234 Extension from LA 1065 to Hammond Airport (H.008915), Hammond, LA - Directed standing structure survey and NRHP evaluation. Extension of highway to airport.		
(02/16 - 02/18)	Florida Avenue Expressway (H.005720), New Orleans, LA - Directed standing structure survey and NRHP evaluation. Widening of highway to create expressway.		
(08/17 - 09/17)	LA 124 Extension (H.010815.2), Catahoula Parish, LA - Directed standing structure survey. Extension of highway.		
(11/15 - 11/16)	TramLinkBR, Baton Rouge, LA - Directed standing structure survey. Urban tram project for FTA.		
(04/13 - 01/15)	HAER: The Bayou Boeuf Bridge on LA 1177 (H.07876.2), Avoyelles and Rapides Parishes, LA - Conducted historical research and prepared the Historical Report portion of the HAER Documentation.		
(05/14 - 01/16)	LA 120 Bridges near Provencal (H.001146.2), Natchitoches Parish, LA - Directed standing structure survey. Bridge replacements.		
(05/12 - 03/17)	Statewide Historic Bridge Inventory (H.007020), LA - Conducted archival research and field survey of several bridges. Inventory of historic bridges in Louisiana.		
(01/09 - 03/11)	LA 408-Hooper Road Extension and Widening (H.005403.2) East Baton Rouge and Livingston Parishes, LA - Directed standing structure survey. Extension and widening of highway.		




Meets MPR #6			
Firm employed by			
Name	Thurston Hahn, BA	Years of relevant experience with this employer	35
Title	Archaeologist / Historian	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BA / 1987 / History	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Mr. Hahn will be performing Historic and Cultural services for LA 429. Mr. Hahn has over 35 years of experience conducting historical research and archaeological surveys for LADOTD and other agencies. Mr. Hahn meets the Secretary of the Interior's Qualifications for an architectural historian, historian, and historic preservation specialist and has taken courses in Section 106 and Section 106 Agreement Documents.	
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 years of experience specified in the applicable MPR(s).		
(9/22-10/22)	Determination of Eligibility for the Hale Boggs Maritime Administration (MARAD) Warehouse, New Orleans, LA - Historian. Determination of NRHP eligibility of federal warehouse.		
(02/22 - 8/22)	Scotlandville Historic Structures Survey Report, East Baton Rouge Parish, LA - Historian. Creation of a NRHP Multiple Property.		
(05/12 - 05/22)	I-10 Calcasieu River Bridge Replacement (H.003931.5), Lake Charles, LA - Historian. Replacement of Interstate Highway bridge.		
(12/20)	Determination of Eligibility for the Acre Road Housing Development, Marrero, LA - Historian. Determination of NRHP eligibility of housing development.		
(12/19 - 3/20)	Plank-Nicholson Bus Rapid Transit Project, Baton Rouge, Louisiana - Historian. Rapid transit project for FTA.		
(02/16 - 08/18)	Florida Avenue Expressway (H.005720), New Orleans, LA - Directed archaeological survey, historian. Widening of highway to create expressway.		
(07/17 - 01/18)	US 190/LA 415 Interchange Improvements (H.000358), West Baton Rouge Parish, LA - Historian. Interchange improvements.		
(06/15 - 03/17)	US 61 Port Gibson Bypass, Claiborne County, MS - Archaeologist and historian. Construction of bypass around town for MDOT.		
(10/15 - 05/16)	Dijon Drive Extension (H.0012233), Baton Rouge, LA - Directed archaeological survey, historian. Construction of connector road.		
(05/14 - 01/16)	LA 23 Happy Jack to Port Sulphur (H.001399), Plaquemines Parish, LA - Directed archaeological survey, historian. Highway improvements.		
(05/12 - 03/17)	Statewide Historic Bridge Inventory (H.007020), LA - Historian for several bridges. Inventory of historic bridges in Louisiana.		
(04/08 - 10/10)	Front Street Natchitoches Improvements (700-35-0123) Natchitoches Parish, LA - Directed archaeological survey, historian. Improvements to brick street.		



Firm employed by			
Name	Lauren Cook, MA, RPA	Years of relevant experience with this employer	1
Title	Senior Archeologist	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		MA / 2014 / Anthropology BA / 2009 / Anthropology	
Active registration number / state / expiration date		Register of Professional Archaeologists #18066	
Year registered	n/a	Discipline	Historic Transportation, Landscape Archaeology, and Historic Glass
Contract role(s) / brief description of responsibilities		<p>Ms. Cook will serve as Environmental and NEPA Studies - Historic / Cultural. She is a Senior Archaeologist and a Registered Professional Archaeologist (RPA) with more than 14 years of experience performing Cultural Resource Management (CRM). Her specializations include historic transportation, landscape archaeology, and historic glass. Ms. Cook identifies and manages archaeological sites and historic properties under Section 106 and Section 110 of the National Historic Preservation Act (NHPA). She performs due diligence to ensure compliance with standards and guidelines for archaeological resource management studies established by State DOTs and complex programmatic agreements. She performs internal quality assurance/quality control review for consultant reports for submission to State DOTs. Ms. Cook is proficient in using ArcGIS Pro and ArcMap to create complex maps and geodatabases. She uses GPS units, topographic maps, and other tools to identify and map archaeological sites and historic properties.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(08/22)	Phase I Archaeological Survey of Effingham Parkway Roundabouts, Effingham County, GA – Ms. Cook was responsible for oversight and execution of archaeological investigations, including resource identification/delineations and impact assessment, production of results maps, and production and submittal of final archaeology documents.		
(03/22)	Phase I Archaeological Survey of US 84 Connector, Liberty County, GA – Ms. Cook was responsible for oversight and execution of archaeological investigations, including resource identification/delineations and impact assessment, production of results maps, and production and submittal of final archaeology documents.		
(01/21)	Phase I Archaeological Survey of State Route 166 Bridge Replacement at Big Indian Creek, Carroll County, GA – Ms. Cook was responsible for researching, mapping, and writing a report on a Phase I investigation along SR 166 for potential bridge replacement over the Big Indian Creek west of Bowdon, Georgia. She led a crew of four in conducting a field investigation, excavating, and documenting results.		
(08/17)	Phase I Archaeological Field Investigations for the Porterdale Trail, Newton, GA – Ms. Cook met with local officials before conducting an on-site investigation, including visual inspection, testing, and documentation of the project area.		




Firm employed by			
Name	Robert Harbin, GISP	Years of relevant experience with this employer	22
Title	GIS Manager	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		BBA / 1998 / Business Management	
Active registration number / state / expiration date		GIS #39396 / Georgia / 4-25-2025 FAA Section 107 Certified Remote Pilot #4232263	
Year registered	2014	Discipline	Geographic Information Systems
Contract role(s) / brief description of responsibilities		<p>Mr. Harbin's role will be Project Mapping / GIS. He has more than 25 years of experience developing geographic information systems, data management, and planning information technology for government and private enterprises. His GIS experience ranges from data generation to performing user needs assessments, developing enterprise-wide data development solutions, applications, and administering web-based/geospatial cloud digital data solutions.</p> <p>He works in Atlas's environmental services department, where he manages the workflow of all electronic field data collected by technicians using GPS. He also generates GIS graphics that support all aspects of environmental documents, including history, jurisdictional waters, floodplain, and general project location maps. Mr. Harbin also uses GIS to support other areas of the organization, such as transportation planning, hydrology, survey, and traffic. Harbin has assisted in the development of project-level applications for a variety of engineering and environmental studies. In previous employment, Harbin worked as a GIS coordinator managing the City of Barnesville, Georgia's GIS.</p> <p>Harbin uses ArcGIS Pro 2.x, ArcGIS 10.x, and ArcGIS Field Apps (Field Maps, Workforce, Survey123, Collector, and Explorer), ArcGIS Online (Web Maps, Dashboards Storymaps, and more), and Nearmap, Google Earth Pro, as well as Trimble GPS Systems and Pathfinder Office Software.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(03/01 - 06/20)	I-16/I-75 Interchange Improvement Project, Macon, GA – Mr. Harbin assisted in developing a web-based GIS project application, displaying construction concepts and environmental information. He assisted in developing presentation graphics and displays for the public involvement phase of the project.		
(06/22 - Present)	Capital Area Transit System (CATS) Transit Asset Inventory and Inspection - Database design and field mobile mapping application deployment to locate, inspect, and report on over 1500 CATS Bus Stops in Baton Rouge, LA to document conditions and ADA compliance to combine with ridership analysis for improving the efficiency of the transit system.		
(05/01 - 08/03)	Macon-Atlanta Rail Corridor Project – Mr. Harbin created entire corridor mapping in support of environmental assessment as well as using GIS to create and analyze noise and vibration data.		
(03/05 - 02/06)	I-85 Corridor Feasibility Study – Creation/updating of major transportation elements of Gwinnett County, Georgia to be used in comprehensive transportation study.		



(10/08 – 12/10)	Atlanta to Chattanooga High Speed Ground Transportation Study – Mr. Harbin performed environmental constraint mapping for 12 alternatives. Data acquisition/collection, conversion, and integration for all study corridor counties.
(03/21 – 09/22)	Henry County Stormwater Inventory – Project ArcGIS Online administration including database design and field mobile mapping application deployment supporting mapping grade collection of all unincorporated Henry County’s stormwater system utilizing ESRI based mobile mapping solutions.
(04/19 – 06/21)	Union City Sanitary Sewer Inventory – Mr. Harbin was responsible for database design and field mobile mapping application deployment supporting mapping grade collection of Union City’s sanitary sewer system (manholes & conveyances) utilizing ESRI based mobile mapping solutions.
(03/20 – Present)	DeKalb County Sanitary Sewer Easements – Project management overseeing the data generation of sanitary sewer easements utilizing right-of-way research for integration into DeKalb County GIS.
(10/19 – 12/19)	Walmart Drone Flights (Pilot Program) – Mr. Harbin was a Drone Pilot in Command for three Arizona Walmart Stores developing high resolution aerial photography/mapping for parking site evaluation for potential remarking of pavement to maximize overbuilt parking layout.
(08/19 – 2/20)	GDOT District 6 Schools – Driveway Pavement Condition Inspections & Inventory – Mr. Harbin was responsible for data management of 280 school driveway’s pavement conditions spanning 17 counties, mapping workflow from field data collection to QC/QA, through project deliverable of a web based cartographic application containing the school driveway pavement rating conditions data.
(12/02 – 10/03)	Gwinnett County, Georgia – Storm Water Inventory – Mr. Harbin was responsible for database management of over 11,000 storm water structures as well as corresponding linear features. Data attribute QA/QC from field to deliverable of GPS data for integration into Gwinnett County geodatabase.
(06/98 – 03/01)	GIS Coordinator, City of Barnesville, Georgia – Mr. Harbin managed citywide GIS and was responsible for creation, maintenance, and quality control of city data layers including utilities, parcels, building footprints, street centerlines, edge of pavement, boundaries, and address records.



Firm employed by			
Name	Lori McGuire	Years of relevant experience with this employer	18
Title	GIS Specialist	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		AS / Drafting / 1992	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		<p>Ms. McGuire will provide Project Mapping and GIS services for LA 429. She has over 28 years of experience in GIS Mapping and CAD Design. She is responsible for creating ArcGIS maps that show site location, aerial views, site plans, facility plot plans, soils maps, soil cross-sections, potentiometric maps, aquifer maps, and fence line monitoring results data. Ms. McGuire also produces design drawings for environmental projects, construction, leachate collection, and surface drainage for various landfill sites.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(01/17-2/21)	<p>GIS Specialist: LADOTD, I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, State Project No. H.004100.2, Federal Aid Project No. H004100, East and West Baton Rouge Parishes, LA. A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Performed all necessary GIS mapping.</p>		
(06/03-01/08)	<p>GIS/Mapping Support: Louisiana Department of Transportation and Development (LADOTD), Future I-49 South (Raceland to Westbank Expressway), Route 90, Raceland to Davis Pond Diversion, Environmental Impact Statement / NEPA, State Project No. 700-92-0011, Federal Aid Project No. HP-9201(501), Lafourche and St. Charles Parishes, LA. Environmental studies and alternatives analysis for conversion of US 90 from Raceland, LA to I-310 to a controlled access interstate highway (I-49 South) Section of Independent Utility 1 (SIU 1). The 23-mile project corridor included wetlands, levees, navigable water crossings, farmland, oil/gas activities, and commercial, industrial, and residential areas. Responsibilities: Assisted with the creation of GIS figures for Environmental Impact Statement.</p>		
(01/09-06/09)	<p>GIS Support: Louisiana Department of Transportation and Development (LADOTD), Stage 0 Feasibility Study and Environmental Inventory, State Project No. 700-57-0114, Abbeville Bypass, Vermilion Parish, LA. Developed and analyzed the impacts of a bypass facility around the City of Abbeville involving a connection of US Highway 167 (US 167) north of Abbeville, with LA Highway 82 (LA 82) south of Abbeville. Provided GIS analysis and mapping for the impacts of a bypass facility around the City of Abbeville, LA. Responsibilities: GIS support.</p>		
(02/09-10/10)	<p>GIS/Mapping Support: Northwest Louisiana Council of Governments (NLCOG), I-49 Inner Connector Stage 0 Feasibility Study / NEPA, State Project No. 700-09-0171, Shreveport, Caddo Parish, LA. Study associated with identifying a corridor to connect existing I-49 to I-49 North. Public outreach was a major component in determining feasibility. Project delivered four months ahead of schedule. Stage 1 Environmental Assessment currently underway. Responsibilities: Created figures and statistical analysis for</p>		



	inclusion in various environmental reports, created figures and statistical analysis for environmental reports, assisted with GIS data collection and mapping support.
(08/95-04/09)	GIS/CAD Support: City of Gonzales, Raising Cane's Dog Park, LWCF Grant Application, Ascension Parish, LA. Preparation of a Proposal Description and Environmental Screening Form (PD/ESF) and an EA, as required by the Department of the Interior, National Park Service, Land and Water Conservation Fund (LWCF) grant application for the construction of an off-leash dog park facility in Gonzales, Louisiana. Responsibilities: Prepared figures for EA.
(01/09-06/09)	GIS/CAD Support: LADOTD, Caminada Bay Bridge Replacement, State Project No. 064-01-0040, Task 1: 701-65-1002, Jefferson Parish, LA. Replacement of Caminada Bay Bridge on LA 1 near Grand Isle. Project tasks included a wetland delineation, Coastal Use, USACE, and U.S. Coast Guard Bridge permitting, in addition to coordination with LDWF regarding state water bottom dredging. Responsibilities: Prepared figures for report.
(08/12-12/12)	GIS/CAD Support: LADOTD, Young's Bayou Bridges, State Project No. 015-31-0044, Task 2: 701-65-1231, Ouachita Parish, LA. Replacement of two bridges over Young's Bayou on U.S. 165 in Ouachita Parish. Project tasks included USACE Section 404 permitting. Responsibilities: Prepared figures for report.




Firm employed by		Michael Baker INTERNATIONAL	
Name	Lu Ann May	Years of relevant experience with this employer	34
Title	GIS Analyst/NEPA Specialist	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 1983 / Management Information Systems	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		Ms. May will serve as GIS Analyst. She is a technical manager with extensive experience in National Environmental Policy Act, transportation planning, and geographic information system (GIS) applications. Her technical skills, combined with varied project experience, enable her to provide the knowledge needed to lead the most challenging projects. Her practical experience includes preparing environmental documentation, impact assessments, public and agency outreach presentations and exhibits, and GIS inventory and analysis.	
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 years of experience specified in the applicable MPR(s).		
(04/22 – Ongoing)	LA 30: EBR PL – I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana LA DOTD - Ms. May currently serves as the GIS Manager for the NEPA study for the widening of LA 30. The project is presently in the Part 1 phase of the study to determine the required widening requirements of LA 30 from the East Baton Rouge Parish Line to I-10. The project covers nearly 14 miles of improvements along LA 30 through Iberville and Ascension Parishes. The study will determine how many additional lanes are necessary for LA 30 along this stretch with intersection improvements at Bayou Paul Lane, LA 74, LA 3115, LA 73, and LA 3251. As GIS Manager, Ms. May was responsible for building the project GIS of environmental constraints.		
(04/01 – 11/14)	700-94-0003; F.A.P. No. HPI-690-1(001): I-69 Section of Independent Utility (SIU) No. 15 EIS/ROD, LA (HPC 18 U.S. 171 to I-20), Bossier, Caddo and DeSoto Parishes, Louisiana DOTD - Ms. May served as Assistant Project Manager and GIS Manager for a Stage 1 study of a \$1.7 billion, 35-mile interstate facility on a new location between US 171 near Stonewall in DeSoto Parish and I-20 near Haughton in Bossier Parish. She was responsible for supporting the project manager in all work activities to prepare an Environmental Impact Study (EIS). In addition, she was responsible for managing the project GIS of environmental data and performing GIS analysis to support technical studies and alternative comparisons. Michael Baker conducted a preliminary engineering and environmental study for I-69 Section of Independent Utility (SIU) 15, including conceptual Red River Bridge design and navigable waterway studies, interchange justification studies (IJS), Phase I Cultural Resources Assessment including probability modeling for archaeological resources and geoarchaeological study, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, Endangered Species Act Section 7 consultation, and Interior least tern (ILT) and Red-cockaded woodpecker (RCW) biological assessments.		
(05/08 – 05/11)	700-08-0130: East-West Corridor Environmental Assessment, Bossier Parish, Louisiana Northwest Louisiana Council of Governments (NLCOG) - As GIS Manager, Ms. May was responsible for the application of GIS to support the NEPA process for a new location eight-mile, a two-lane urban collector with right-of-way clearance for future widening to a five-mile facility when traffic conditions warrant. She performed GIS analysis to support agency and public meetings, property access, field studies, alignment development and selection, quantifying potential impacts, and preparing the EA document and technical reports. Michael Baker’s services included traffic analyses, including conducting traffic counts and forecasting traffic using NLCOG’s TransCAD regional travel demand model (TDM); Phase I Cultural Resources Assessment, including probability modeling for archaeological resources and geoarchaeological study; wetland delineation and surface waters evaluations; Phase I Environmental Site Assessment (ESA); and highway traffic noise studies.		



(09/99 – 09/04)	<p>700-29-0112: LA 1 Improvements Alternatives Analysis and Environmental Impact Statement, EIS/ROD, Lafourche Parish, Louisiana DOTD - As GIS Manager, Ms. May was responsible for building the project GIS consisting of field and secondary data sources and GIS analysis to calculate potential environmental impacts for each alignment alternative to support alignment selection and EIS preparation. Michael Baker conducted the route location, conceptual engineering, and environmental evaluation. The project area encompassed some of the most ecologically unique and sensitive areas in Louisiana and perhaps the Nation and traversing the area with a highway on a new location presented significant environmental challenges. The project received national attention for its environmental stewardship and streamlining accomplishments and received the 2004 AASHTO President’s Transportation Award for Environment.</p>
(08/97 – 09/05)	<p>700-09-0117: North-South Expressway, Location and Environmental Study, EIS/ROD, Caddo Parish, Louisiana DOTD - As GIS Manager, Ms. May was responsible for building the project GIS of environmental constraints and performing GIS analysis to produce environmental impact reports and corresponding graphic maps to support corridor selection and EIS preparation. The \$670 million highway will be an interstate facility on a new location, a 35-mile four-lane fully controlled highway on a new location between I-220 in Shreveport, Louisiana, and the Arkansas state line. The project included logical termini evaluation, interchange justification studies (IJS), Phase I Cultural Resources Assessment, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, and air quality impact assessment.</p>
(07/11 – Ongoing)	<p>H.005168: New Orleans Rail Gateway Environmental Impact Statement, Jefferson and Orleans Parishes, Louisiana DOTD - As Assistant Project Manager and GIS Manager, Ms. May was responsible for supporting the project manager in all work efforts associated with the engineering and environmental studies to develop an environmental impact statement (EIS) for \$638 million in improvements to the New Orleans Rail Gateway, the fourth-largest freight rail gateway in the United States. Also responsible for the development and analysis of a project-specific geographic information system (GIS) containing environmental and engineering coverages. Michael Baker’s services include environmental and engineering services, geographic information system (GIS) development, mapping, rail and roadway travel demand modeling, alternatives analyses, rail and roadway conceptual design, cost estimates, document preparation, stakeholder and agency coordination including FRA, DOTD, NORPC, seven Class 1 railroads, Amtrak, NOPB, City of New Orleans, Jefferson Parish, the Port of New Orleans and federal/state resource agencies, and extensive public and minority community outreach.</p>
(11/08 – 08/12)	<p>Grand Parkway Environmental Impact Statement, Houston, Texas The Grand Parkway Association - As GIS Manager, Ms. May was responsible for building the GIS of environmental constraints and performing GIS analysis to produce environmental impact reports and corresponding graphic maps to support corridor selection and EIS preparation for four individual segments. Michael Baker developed alternative alignments, conducted environmental studies, facilitated public involvement and agency coordination activities, and prepared National Environmental Policy Act documentation for four individual segments of the proposed SH 99, Grand Parkway. Michael Baker provided overall project management; performed engineering and environmental studies, project Need and Purpose, and alternatives analysis; performed and managed field investigations and data collection; and prepared draft and final environmental impact statements and records of decisions. Additionally, Michael Baker developed an indirect and cumulative impact study; an administrative record; a GIS database; agency and public comment tracking systems; public hearing video presentations; and a comprehensive public outreach program that included a website, visualizations, renderings, and resource agency workshops.</p>
(04/09 – 03/12)	<p>Southeast Arkansas I-69 Connector Location and Environmental Study, Monticello, AR. Arkansas Department of Transportation - As GIS Manager, Ms. May managed the input of environmental constraints from both field-verified and secondary data sources, including wetlands, farmlands, floodplains, tax map parcels, historic/archaeological resources, threatened/endangered species, parks, and other natural and socioeconomic resources. She was responsible for building the project GIS and performing GIS analysis to determine potential environmental impacts for each alternative. Michael Baker conducted a location and environmental study for the Southeast Arkansas I-69 Connector. The proposed highway is an interstate facility, approximately 50 miles in length, which connects I-530 in Pine Bluff, Arkansas, to the proposed I-69 near Warren and Monticello, Arkansas. The project involved an engineering location study of several alternatives, an assessment of environmental impacts, the preparation of draft and final environmental impact statements and a record of decision, and Phase III archaeological mitigations.</p>




Firm employed by			
Name	Paul Clifton, PWS	Years of relevant experience with this employer	19
Title	Impact Assessment Director	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		MS / 1986 / Forestry; BS / 1982 / Forestry	
Active registration number / state / expiration date		PWS #3326 / state: n/a / 01-2026	
Year registered	2021	Discipline	Professional Wetland Scientist
Contract role(s) / brief description of responsibilities		<p>Mr. Clifton will provide Wetlands and T&E Surveys for the LA 429 project. Mr. Clifton brings over 32 years of multi-discipline experience in wetlands and ecological services, including project/contract management, wetlands delineations and Section 404/Coastal Use permitting, habitat value assessments, interpretation of state and federal wetland regulatory requirements, liaison assistance with state and federal resource and regulatory agencies, and management of ecological studies and environmental investigations. Mr. Clifton has extensive experience in U.S. Army Corps of Engineers (USACE) Section 404 wetlands permitting, and he has managed contracts for coastal restoration projects with the Louisiana Department of Natural Resources and the Coastal Protection and Restoration Authority and state-wide environmental permitting for the Louisiana Department of Transportation and Development. Mr. Clifton has also provided expert witness services regarding wetlands and coastal issues.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(01/17- 02/21)	<p>Ecological Task Manager/ LADOTD, I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, State Project No. H.004100.2, Federal Aid Project No. H004100, East and West Baton Rouge Parishes, LA. A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Performed wetland assessments and assisted with environmental studies tasks.</p>		
(06/19-ongoing)	<p>Project Manager: Louisiana Department of Transportation and Development (LADOTD), Belle Chasse Bridge and Tunnel Replacement Project. Jefferson and Plaquemines Parish, LA. As a subconsultant to Traylor Massman - Joint Venture, Providence is providing environmental compliance assistance to the first public/private/partnership transportation project in Louisiana. Providence has developed a Comprehensive Environmental Protection Plan [(CEEP) (the first of its kind in Louisiana)] for the project. Providence has also provided Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention Control/Spill Prevention Control and Countermeasures (SPC/SPCC) plans/guidance and developed training modules for construction personnel regarding sensitive resources. Providence is also providing on-site stormwater inspection services throughout the project's construction cycle. Responsibilities: Project Manager for the environmental compliance component of the project. Responsible for assisting the client in environmental training and compliance, assistance with local, state, and federal permitting; sensitive species and wetlands surveys, SPCC Plans, audits, and inspections.</p>		



<p>01/19-12/19)</p>	<p>Task Manager (Ecological): Coastal Protection and Restoration Authority (sub-consultant to Chenier Environmental Consulting, LLC and Duplantis Design Group) Lake Borgne Marsh Creation Project Increment One (PO-0181) and Golden Triangle Marsh Creation Projects (PO-163), St. Bernard and Orleans Parishes, LA. Development and submittal of a Biological Assessment for two coastal restoration projects in Lake Borgne for compliance with formal consultation requests from the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Species of concern include the Atlantic sturgeon (<i>Acipenser oxyrhincus desotoi</i>), green sea turtle (<i>Chelonia mydas</i>), leatherback sea turtle (<i>Dermochelys coriacea</i>), loggerhead sea turtle (<i>Caretta caretta</i>), Kemp’s ridley sea turtle (<i>Lepidochelys kempii</i>), and hawksbill sea turtle (<i>Eretmochelys imbricata</i>). The Lake Borgne Marsh Creation and Golden Triangle Projects are two of six projects selected through the Natural Resources Damage Assessment (NRDA) process to restore injuries associated with the Deepwater Horizon Oil Spill. As outlined in the Final Restoration Plan dated January 2017 prepared by the Louisiana Trustee Implementation Group (TIG), the Plan focuses on the implementation of large-scale marsh creation projects due to the immediate benefits to coastal habitats directly impacted by the oil spill. Responsibilities: Drafted/edited select sections of the Biological Assessment an QA/QC.</p>
<p>(06/23-ongoing)</p>	<p>Project Manager: Louisiana Department of Natural Resources’ Orphan Well Site Remediation and Restoration Management Project – Shreveport District (subconsultant to Lemoine Disaster Recovery, L.L.C.), Multiple Louisiana Parishes. Providing ecological and environmental compliance assistance for the remediation of orphan well sites across the state. Services provided include wetland delineations and U.S. Army Corps of Engineers Section 404 permitting, threatened/endangered species surveys and reporting, cultural resources investigations, Louisiana Department of Natural Resources Coastal Use Permitting, U.S. Fish and Wildlife Service Special Use Permitting, and water/soil testing, analyses, and reporting.</p>
<p>(01/20-12/20)</p>	<p>Project Manager: Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) Jefferson Parish, LA. Conducted field surveys for nesting birds and/or species of conservation concern for three months during the demolition phase of a beach nourishment project on West Grand Terre Island. Providence biologists coordinated the progress/observations with the US Fish and Wildlife Service, the Louisiana Department of Wildlife and Fisheries, and the CPRA project manager. Responsibilities: Fieldwork, species identification, reporting, data management.</p>




Firm employed by			
Name	Tim Kimmel, AWB	Years of relevant experience with this employer	13
Title	Deputy Director – Natural Resource & Coastal	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		MS / 2010 / Wildlife Sciences; BS / 2008 / Environmental Science	
Active registration number / state / expiration date		n/a	
Year registered	2011	Discipline	Associate Wildlife Biologist
Contract role(s) / brief description of responsibilities		<p>Mr. Kimmel will perform Wetlands and T&E Surveys for the LA 429 project. Mr. Kimmel brings a wide range of experience conducting wetland delineations and field studies throughout Louisiana, Arkansas, Texas, Mississippi, Alabama, Florida, Indiana, Tennessee, and Ohio. He has also undertaken threatened and endangered species surveys for the red-cockaded woodpecker, gopher tortoise, Louisiana black bear, dusky gopher frog, yellow-blotched map turtle, golden-cheeked warbler, black-capped vireo, Louisiana quillwort as well as written Biological Assessments for the gopher tortoise, piping plover, and sea turtles for submittal to the U.S. Fish and Wildlife Service (USFWS). Mr. Kimmel has served as project manager for projects requiring permits from the U.S. Army Corps of Engineers (USACE), the Louisiana Department of Natural Resources (LDNR), and levee board permits throughout the Gulf Coast parishes of Louisiana. Mr. Kimmel has extensive fieldwork experience, including work with the Louisiana Department of Wildlife and Fisheries (LDWF) on the Deep Water Horizon oil spill.</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(01/17-02/21)	<p>Biologist/Wetlands: LADOTD, I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, State Project No. H.004100.2, Federal Aid Project No. H004100, East and West Baton Rouge Parishes, LA. A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Performed wetland assessments and assisted with environmental studies tasks. Conducted wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Drafted and submitted a Wetlands Findings Report for DOTD’s review and concurrence.</p>		
(10/10-10/16)	<p>Biologist/Wetlands: City/Parish of East Baton Rouge, Pecue Lane / I-10 Interchange, Stage 1 EA City-Parish Project No. 09-CS-US-0041, SPN 700-17-0221 Stage 1 EA and related services including review of a previously completed IJR to meet NEPA compliance and obtain an environmental decision. The City-Parish, as part of the Green Light Plan Transportation and Street Improvements Program, proposed converting the existing two-lane Pecue Lane overpass and Interstate 10 into a new interchange, with Pecue Lane having multiple through lanes. The new interchange would provide entrance and exit ramp access to both eastbound and westbound lanes of I-10. Elevations and widths of the new Pecue Lane/I-10 interchange would require widening existing Pecue Lane to the south towards the Kansas City Southern Railroad and to the north towards Airline Highway (US 61). This would also require existing Pecue Lane and I-10 bridges over Wards Creek to be replaced or modified; subsequently, Reiger Road would be</p>		



	extended to Pecue Lane and a new intersection would be constructed as part of the final design. The EA was prepared in accordance with all FHWA Technical Advisory and DOTD laws, rules policies and regulations.
(02/14-06/18)	Biologist: Department of Public Works/Huval & Associates, Inc. Wetland Delineation for Multiple Bridge Replacement Projects, East Baton Rouge Parish, LA. Conducted wetland delineations for the Port Hudson Pride Road Bridge, Lemon Road Bridge, Cal Road Bridge, and Moss Side Road Bridge replacement projects in East Baton Rouge Parish. Permit applications were completed for each replacement and submitted to the Corps of Engineers, New Orleans District.
(06/14-06/14)	Biologist: DOTD, Wetland Delineation for LA 70 Re-Route, Assumption Parish, LA. State Project No.: H.010571.2 / Federal Aid Project No.: H010571. Conducted a threatened and endangered species survey for wading bird rookeries and the presence of bald eagles for the LA 70 re-route project.
(06/19 - 06/20)	Biologist: NLCOG, I-49 Inner City Connector, Caddo Parish, LA (SPN 700-09-0171.) Providence managed the project and prepared the environmental documentation in accordance with LADOTD Stage 0 Feasibility Study requirements on the I-49 Inner City Connector project in Caddo Parish, Louisiana. The scope of work included all relevant tasks for a Stage 0 Feasibility Study and Environmental Inventory. The project is a connector segment of the I-49 Corridor which runs from Winnipeg, Manitoba, Canada to New Orleans, LA. The connector is designed to intersect Shreveport, Louisiana through the urban area adjacent to the center of downtown with an approximately 3.6-mile-long highway segment connecting the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. The Stage 0 was completed 4 months ahead of schedule and within the specified project budget. Unlike many Stage 0 studies, public outreach was a major component in determining project feasibility. Public opposition in previous years to I-49 through this area forced the original alignment to be removed from consideration. This project included both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs) through the use of subconsultants. The Stage 1 EA is currently underway.



Firm employed by			
Name	Robert Whitesides, PE	Years of relevant experience with this employer	12
Title	Senior Transportation Planner / Traffic Engineer	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BCE / 1997 / Civil Engineering BA / 1996 / Liberal Arts Teacher Certification / 2007 / Middle Grades Education	
Active registration number / state / expiration date		PE #29666 / Georgia / 12-31-2022	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Whitesides will perform Noise and Air Quality Modeling for LA 429. Mr. Whitesides performs a wide array of engineering/planning and project management duties for various environmental documents, transportation planning projects, traffic impact studies, Interstate access studies, transportation concept reports, and transit planning and rail projects. In addition, his responsibilities include air and noise analyses under NEPA guidelines for environmental assessments, and he is our resident noise expert. He is fully experienced with TNM, BREEZE Roads, TRAF-CORSIM, and HCS. He is prequalified for noise impact assessments and has also completed projects in South Carolina.	
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 years of experience specified in the applicable MPR(s).		
(10/22 – 05/23) and Present	I-16 / 75 Interchange Widening & Reconstruction, Bibb County, Georgia – Mr. Whitesides provided and continues to provide QA/QC review of multiple prior designed barriers (by others) from the 2010 approved noise impact assessment in light of project design constraints for the 4.96 miles of widening and improvements to portions of I-16 and I-75 near downtown Macon that traverses through multiple residential neighborhoods. Unique project challenges included reviewing all prior noise modeling, including roadway design and traffic inputs, reviewing prior barrier analyses, and making model updates to accurately reflect project design changes. These changes involved revising barrier coordinates to incorporate new/revised structure barriers on top of bridges and on top of MSE/retaining walls. Use on Construction plan revisions were made because of these revisions to ensure environmental document compliance.		
(07/20 – 07/22)	Sugarloaf Parkway Extension / I-85 Interchange and C-D Roads, Gwinnett County, Georgia – Mr. Whitesides completed the noise impact assessment for this 6.5-mile new location roadway from SR 316 to/through a new interchange with I-85, including 7.4 miles of new C-D roads along both limited access roadways, and coordinated tying into adjacent projects at both ends. This design-build project included new interchanges / intersections along the corridor, as well as flyover ramps. Project tasks included validating over 27 existing field noise measurements to capture existing baseline conditions and determining all TNM model inputs, including roadway geometry from multiple designers, establishing vehicular traffic percentages, and coordinating all project inputs with multiple adjacent projects, as well as different future build and no-build analysis conditions. Unique challenges encountered included modeling various terrain conditions that differed between existing and future build conditions, elevated and structural roadways and flyover ramps, reverse diamond interchanges and multiple rows of receivers. Barrier analysis and design challenges consisted of analyzing multiple project scenarios, including modeling existing and relocated/modified noise barriers along I-85, as well as incorporating noise barriers on top of MSE/retaining walls and accounting for a variety of noise sensitive land uses. A total of almost 1.1M square feet of barriers over a length of 8.12 miles with an estimated cost of \$27.3M for over 2,100 receivers was analyzed as part of this project.		



(07/19 – 12/19)	Courtesy Parkway Extension over I-20, Rockdale County, Georgia – Mr. Whitesides completed the noise impact assessment for this 1.5-mile new location roadway in metro Atlanta that extended the three-lane Courtesy Parkway over I-20 onto a new location to tie into an existing east-west corridor. Unique project challenges included establishing baseline ambient noise levels within urban and suburban areas for a variety of noise-sensitive receivers (schools, churches, apartments, and single-family residential), as well as incorporating a background with interstate traffic and a variety of terrain features, including bridge structures throughout the project to adequately reflect those features in the TNM model for the existing and future build conditions as existing roadway alignments changed and new alignments were added.
(06/18 – 05/19)	US 84 Connector, Liberty County, Georgia – After writing the FHWA-approved Need, Effectiveness & Logical Termini (NELT) Report for this 2.6-mile new location rural freight corridor around the southeast side of Walthourville, Mr. Whitesides then completed the noise impact assessment. Unique project challenges included establishing baseline ambient noise conditions for a rural new location project with multiple noise sources from surrounding roadways and how to adequately reflect those influences in the TNM model for the existing and future build conditions to provide valid results for more isolated receivers.
(05/20 – 05/22)	SR 400 at McGinnis Ferry Rd Interchange, Fulton County, Georgia – Mr. Whitesides performed multiple noise impact assessment addendums for a new interchange based on changes in the design and project limits that involved re-assessing more than 300 receivers located along the freeway as well as intersecting streets. Specific challenges included redesigning previously proposed barriers based on shifts in interchange ramp alignments and elevations as a result of value engineering to determine feasible locations for the revised barrier design.
(1999 – 2000)	17th Street/I-85/75 Interchange, Atlanta, Georgia – Mr. Whitesides was responsible for all traffic noise analysis of the proposed redevelopment of the Atlantic Steel Site adjacent to the Downtown Connector in the heart of the city, and all subsequent roadway and HOV improvements. His primary tasks consisted of establishing an existing baseline noise condition for areas east and west of the downtown connector and analyzing future build and no-build alternatives. Project challenges included examining future roadway network grid patterns involving elevated roadways, ramps, etc., incorporating noise abatement measures and traffic calming strategies for a mixed-use development in an urban environment.
(2003 – 2004)	I-85/SR 316 Interchange Improvements, Gwinnett County, Georgia – Mr. Whitesides assisted in drafting a revised project concept report to reflect new HOV and roadway modifications under federal air quality restrictions for the interchange. Performed all air and noise impact analyses associated with interchange ramp and flyover improvements, including HOV lanes, and helped draft the approved Environmental Assessment for this project.




Firm employed by		Michael Baker INTERNATIONAL	
Name	Andrew Kuchta	Years of relevant experience with this employer	30
Title	Water Practice Lead	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BA/ 1983/ Geography/Community, Urban & Regional Planning, Central Connecticut State University	
Active registration number / state / expiration date		n/a	
Year registered	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities		<p>Mr. Kuchta will be dedicated to Noise and Air Quality Modeling and an Air Analyst. He is a noise technical expert and is experienced with MOVES, CALINE, CAL3QHC, TNM, FTANOISE, FRANOISE, HSRNOISE, and HUD-related software.</p> <p>2011 - NHI NEPA and Transportation Decision Making 2011 - NHI Highway Traffic Noise 2000 - Total Quality Management (TQM) 1998 - FHWA Traffic Noise Modeling 1990 - 2.2.1 Air Quality Analysis 1988 - FAA INM Airport Noise Modeling 2.1.1 1987 - Traffic Noise Analysis N/A - NACE Certified Coatings Inspector, Level 1</p>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(07/11 - Present)	<p>H.005168: New Orleans Rail Gateway Environmental Impact Statement, Jefferson and Orleans Parishes, Louisiana DOTD - Mr. Kuchta served as Task Manager responsible for air quality and noise analysis for \$638 million in improvements to the New Orleans Rail Gateway, the fourth-largest freight rail gateway in the United States. Michael Baker’s services include environmental and engineering services, geographic information system (GIS) development, mapping, rail and roadway travel demand modeling, alternatives analyses, rail and roadway conceptual design, cost estimates, document preparation, stakeholder and agency coordination including FRA, DOTD, NORPC, seven Class 1 railroads, Amtrak, NOPB, City of New Orleans, Jefferson Parish, the Port of New Orleans and federal/state resource agencies, and extensive public and minority community outreach.</p>		
(09/99 -09/04)	<p>700-29-0112: Louisiana 1 Improvements Alternatives Analysis and Environmental Impact Statement, EIS/ROD, Lafourche Parish, Louisiana DOTD. Mr. Kuchta served as Task Manager responsible for air quality and noise analysis for a \$1.3 billion, 17- mile four-lane fully controlled access elevated highway on new location with bridges spanning navigable waterways. Michael Baker conducted the route location, conceptual engineering, and environmental evaluation. The project area encompassed some of the most ecologically unique and sensitive areas in Louisiana, and perhaps the Nation, and traversing the area with a highway on new location presented major environmental challenges. The project received national attention for its environmental stewardship and streamlining accomplishments and was the recipient of the 2004 AASHTO President’s Transportation Award for Environment.</p>		
(08/97 - 09/05)	<p>700-09-0117: North-South Expressway, Location and Environmental Study, EIS/ROD, Caddo Parish, Louisiana DOTD - Mr. Kuchta served as Task Manager responsible for air quality and noise analysis for a \$670 million, 35-mile four-lane fully controlled highway on new location between I-220 in Shreveport, Louisiana, and the Arkansas state line (now referred to I-49 North). The project included logical termini evaluation, interchange justification studies (IJS), Phase I Cultural Resources Assessment, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, and air quality impact assessment.</p>		




<p>(04/01 – 11/14)</p>	<p>700-94-0003; F.A.P. No. HPI-690-1(001): I-69 Section of Independent Utility No. 15 EIS/ROD, Louisiana (HPC 18 US 171 to I-20), Bossier, Caddo and DeSoto Parishes, Louisiana DOTD - Mr. Kuchta served as Task Manager responsible for noise analysis for a Stage 1 study of a \$1.7 billion, 35-mile interstate facility on new location between U.S. Highway 171 (U.S. 171) near Stonewall in DeSoto Parish, and I-20 near Haughton in Bossier Parish. Michael Baker conducted a preliminary engineering and environmental study for I-69 Section of Independent Utility (SIU) 15 including conceptual Red River Bridge design and navigable waterway studies, interchange justification studies (IJS), Phase I Cultural Resources Assessment including probability modeling for archaeological resources and geoarchaeological study, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, Endangered Species Act Section 7 consultation and Interior least tern (ILT) and Red-cockaded woodpecker (RCW) biological assessments.</p>
<p>(05/08 – 05/11)</p>	<p>700-08-0130: East-West Corridor Environmental Assessment, EA/FONSI, Bossier Parish, Louisiana Northwest Louisiana Council of Governments (NLCOG) - Mr. Kuchta served as Task Manager responsible for noise analysis for four alternatives on a new eight-mile, two-lane urban collector with right-of-way clearance for future widening to a five-lane facility when traffic conditions warrant. The purpose of the new \$56 million facility was to alleviate congestion and reduce travel delays along the other roadways that link the rapidly growing residential areas of Bossier Parish with the Shreveport and Bossier City employment centers. Michael Baker's services included traffic analyses including conducting traffic counts and forecasting traffic using NLCOG's TransCAD regional travel demand model (TDM); Phase I Cultural Resources Assessment including probability modeling for archaeological resources and geoarchaeological study; wetland delineation and surface waters evaluations; Phase I Environmental Site Assessment (ESA); and highway traffic noise studies.</p>
<p>(10/22 – Present)</p>	<p>Airline Highway North (Florida Blvd to Interstate I-110) - MOVEBR East Baton Rouge Parish. Noise Administrator. Responsible for the noise analysis study and analysis along Airline Highway (US 61) from Florida Blvd to I-110. Project is currently in the Stage 1 (Environmental) phase for East Baton Rouge Parish Department of Transportation and Drainage but adhering to DOTD Environmental requirements to qualify for Federal/State funds for the project. The project is adding outside lanes to both sides of Airline Hwy. converting the corridor from a 4-lane divided hwy. to a six-lane divided hwy. The noise analysis is part of the NEPA study to determine what or if any mitigation requirements are necessary along this corridor due the neighboring property usage.</p>



Firm employed by			
Name	David Fairlie, PE	Years of relevant experience with this employer	11
Title	Traffic Engineer / Air Analyst	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering	
Active registration number / state / expiration date		PE #42773 / Georgia / 12/31/2022 EIT #10243 / Connecticut Intersection Safety Workshop (FHWA-NHI 38007) Traffic Signal Design and Operation (FHWA-NHI-133028) Introduction to Context Sensitive Solutions (FHWA-NHI-142050) Design & Operation of Work Zone Traffic Control (FHWA-NHI-380003A)	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Fairlie will serve as an Air Analyst. Mr. Fairlie supervises and conducts air studies for the environmental department at Atlas. He has experience with air studies included evaluating CO values, conducting qualitative analysis of PM2.5 and MSAT and preparing air quality assessment reports for interstate projects, major arterial widening projects and small intersection improvement projects. Mr. Fairlie has experience working with traffic analysis software such as Synchro, SimTraffic, TSDWin as well as MicroStation and AutoCAD. He is also well versed with the air quality software MOVES (Replacement of Mobile6), AERMOD, CAL3QHCR, CAL3QHC. He also received technical guidance from the software providers of the Breeze Roads program, an interface program that uses CAL3QHC, CAL3QHCR and CALINE4. Mr. Fairlie performs air quality assessments of roadway improvement projects and demonstrate their conformance with National Ambient Air Quality Standards (NAAQS). He investigates and initiates proper engineering actions in response to inquiries and concerns of the general public, local and state officials (senators, state representatives, mayors, business leaders). Prepare formal response to the inquiries on behalf of the Department.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover years of experience specified in the applicable MPR(s).		
(09/10 – 03/11)	I-285/Ashford Dunwoody Road Interchange Modifications – Diverging Diamond Interchange (DDI), DeKalb County, GA – Mr. Fairlie utilized the modeling software (BREEZE Roads GIS Pro version 5.1.0) to perform the air quality analyses for existing 2009 traffic conditions and projected 2011 and 2021 future traffic conditions for the no-build and build alternatives. He prepared an Air Quality Impact Assessment Report to document the findings of the analyses. The project was evaluated for its compliance with state and federal air quality goals, including ozone, PM 2.5 and MSATs as part of the air quality assessment.		
(07/22 – Current)	Clayton Interchange Feasibility Study: Conley I-285, Clayton County, GA – Mr. Fairlie served as Traffic Engineer for a study to determine the feasibility of a new Conley Rd. interchange at I-285. The new Conley Rd. interstate access would provide a direct connection from I-285 to Hartsfield-Jackson Atlanta Airport’s International Terminal. The study area includes approximately 3.5 miles of I-285, the I-285 interchanges with South Loop Road, I-75, US 41, SR 54, and the associated arterial corridors with signalized intersections. Atlas prepared this study with robust stakeholder and public involvement during the entire feasibility study process, as the selection of the preferred alternative for interchange access was extremely important for the community as a whole. Mr. Fairlie was involved with traffic modeling, network analysis, growth rate determination, future conditions forecasting, comparison of the performance of different alternatives, and benefit/cost study.		
(03/12 – 10/12)	Forest Hill Road Widening, Macon-Bibb County, GA – Mr. Fairlie worked on the air quality analysis for this project using the BREEZE modeling software. He performed air quality analyses for existing 2011 traffic conditions and projected 2018 and 2038 future traffic		

	conditions for the no-build and build alternative. He also prepared the Air Quality Impact Assessment Report to document the findings of the analyses. The project was evaluated for its compliance with state and federal air quality goals, including ozone, PM 2.5 and MSATs as part of the air quality assessment.
(04/19 – 07/22)	Georgia Department of Transportation (GDOT) PI #522570, US 84 Connector EA, Liberty County, GA – Mr. Fairlie gathered and summarized accident data within the project boundaries. He performed level of service analyses for the road segments of the project corridor and the intersections along the project corridor for the existing, opening year, and design year conditions. He also conducted the air analysis with the most current software and analysis techniques and guidance provided by the Georgia Department of Transportation (GDOT) Office of Environmental Services (OES).
(12/21 – 09/22)	Hinesville Area Metropolitan Planning Organization: EG Miles Parkway Corridor Study, Hinesville, GA – Mr. Fairlie served as Senior Traffic Engineer on this study that focused on capacity and safety improvements based on findings in a previous Road Safety Audit (RSA) performed by the Georgia Department of Transportation (GDOT) a few years prior. The scope included data collection, review of existing plans, traffic modeling, incorporation of GDOT RSA recommendations, schematic plans, signal warrants screening, ICE analysis, cost estimation, and detailed reporting. A multi-lane roundabout was included at one location as an additional analysis. Mr. Fairlie performed an analysis that required data collection, warrant analysis, safety analysis, and traffic modeling and software runs in Syncro/SimTraffic. He compared traditional intersections improvements as well as alternate designs such as roundabouts, median U-turns, restricted crossing U-turns, and superstreet corridors.
(01/18 – 10/18)	US 41/SR 3 Widening from Windy Ridge Parkway to North Marietta Parkway, Cobb County, GA (PI 0010510) - This project consists of six miles of widening US 41/SR 3 from a four-lane urban arterial with a two-way left turn lane to a six-lane urban arterial with a 20-foot raised median and a new bridge over SR 280/Delk Road. Mr. Fairlie supervised and assisted in the development of the projected opening and design year traffic as well as the traffic analysis of the corridor using SYNCHRO and HCS software. He further evaluated the intersections for improvements through the use of GDOT's newly adopted Intersection Control Evaluation (ICE) policy. This project proposes a Continuous Flow Intersection (CFI) at the intersection of Windy Hill Road and US 41/SR 3 and eight signalized Restricted Crossing U-Turns (RCUT).
(01/21 – 05/21)	Market Place Boulevard Traffic Study, Forsyth County, GA - The study to determine necessary improvements at Market Place Boulevard from Buford Highway to Market Place Boulevard at the Wal-Mart/Lowe's north driveways. Twenty-four-hour traffic counts were conducted for several key locations in the study area. The data obtained was used to determine the Average Daily Traffic (ADT). Turning movement counts were also conducted for the peak hours at five intersections along Market Place Boulevard. The peak hour data was used to conduct a traffic analysis of the Market Place Boulevard corridor and identify operational issues within the study area. This data was also used to determine if the intersections within the study area would meet the peak hour warrant for signalization.
(06/18 – 08/22)	Freight Route 119 Safety and Operational Improvements, Liberty & Long Counties, Georgia - Mr. Fairlie gathered and summarized accident data within the project boundaries. He performed level of service analyses for the road segments of the project corridor and the intersections along the project corridor for the existing, opening year, and design year conditions.
(05/18 – 08/18)	SR 20/Cumming Highway at Hampton Station Boulevard, Cherokee County, GA - Mr. Fairlie conducted a study to determine the feasibility of installing a traffic control signal at this intersection. He assessed whether a traffic signal would be warranted based on the criteria in the Manual on Uniform Traffic Control Devices.
(08/19 – 08/20)	Ridgewalk and Towne Lake Interchanges – Cherokee County, GA - Mr. Fairlie was responsible for determining the best possible future signal timings for the signals at the interchanges of Ridgewalk Parkway at I-575 and Towne Lake Parkway at I-575 under different design scenarios and ultimately deciding on the recommendation of a diverging diamond interchange at Ridgewalk Parkway rather than a traditional diamond that would have required a bridge replacement.



Firm employed by			
Name	Catherine Brantley	Years of relevant experience with this employer	16
Title	Relocation Specialist	Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization		BBA / 1972 / Business Administration	
Active registration number / state / expiration date		Real Estate #300267 / Georgia / n/a	
Year registered	2017	Discipline	Real Estate Sales
Contract role(s) / brief description of responsibilities		<p>Ms. Brantley's role will be Conceptual Stage Relocation Planning. She is an acquisition/relocation specialist responsible for purchasing property and project expansion relocation initiatives. She provides customer relations services to acquire and prepare relocation assistance studies through subsidized supplemental benefits in compliance with the Federal Uniform Relocation Assistance and Real Property Policies Act of 1970, as amended. Duties performed on the conceptual stage studies listed above include:</p> <ul style="list-style-type: none"> • A set of aerial R/W plans is provided from Environmental Company which marks the property owners/tenants that will be displaced. • The project is driven to make a visual inspection to ensure that all properties on the R/W plans have not been omitted. • A displacee inventory is prepared with all displacees, i.e., businesses, residential and non-profit organizations • A housing inventory is prepared to ensure there is adequate housing available on the market to relocate the owners and tenants affected • Data from the US Census Bureau is obtained for that particular geographical area. 	
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 years of experience specified in the applicable MPR(s).		
(02/04 - 05/04)	EDS-441 (28) Rabun County – Performed relocation and conceptual stage studies for the widening and improving of SR 15/US 441.		
(04/06 - 06/06)	CSSTP-0007-00(413) Lauren County – Performed relocation and conceptual stage studies for the widening and improving of Hillcrest Parkway.		
(09/11 - 11/11)	STP00-0013-01(063) Gwinnett County – Performed relocation and conceptual stage studies for the widening and reconstruction of SR 13.		
(09/11 - 11/11)	APD00-056-02(029) Union and Towns Counties – Performed relocation and conceptual stage studies for the widening and improving of SR 515/US 76.		
(05/12 - 07/11)	STP00-002-07(020) Union County – Performed relocation and conceptual stage studies for the widening and improving of SR 11/US 19.		
(03/12 - 05/12)	STP-1375(5) Cherokee County – Performed relocation and conceptual stage studies for reconstruction of Bells Ferry Road.		
(02/17 - Present)	P.I. #0009679 Hall County – Performed relocation and conceptual stage studies for the widening and improving of Spout Springs Road.		
(06/14 - 04/15)	SR/13 Gwinnett County – Performed relocation and conceptual stage studies for the Buford Highway Bike and Pedestrian Enhancement Project.		




Firm employed by			
Name	Jonathan Charbonnet, PE	Years of relevant experience with this employer	3
Title	Operations Manager	Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization		MBA / 2017 / Business Administration (Finance) MS / 2007/ Civil Engineering BS / 1998 / Civil Engineering	
Active registration number / state / expiration date		PE #11265 / Hawaii /4-30-2024	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Public Outreach	
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 years of experience specified in the applicable MPR(s).		
07/2020 - Present	<p>S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA – Mr. Charbonnet serves as Contract Manager for the new crossing of the Mississippi River to alleviate traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls.</p>		
(01/21 – Present)	<p>20-CP-HC-0014: MOVEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA – Mr. Charbonnet is serving as Contract Manager for this project that is part of the MOVEBR Program, designated as a New Capacity Improvement Project. The Joor roadway is identified as part of the road transfer program and is a future PARISH route. Greenwell Springs road will remain a DOTD roadway. The project includes a new two-lane roadway with shoulders and open ditch drainage. The Sherwood Forest Extension is a greenfield project connecting Sherwood Forest at Greenwell Springs to Joor Road at Mickens. The work also includes enhancing traffic flow within the intersection limits.</p>		
(05/13 – 01/18)	<p>Green Light Plan (GLP) Transportation Improvement Program, East Baton Rouge City-Parish, LA - Mr. Charbonnet was the Program Director for a comprehensive road repair and rehabilitation program funded under a voter referendum bonded ½ cent sales tax program, which consisted of 45 projects with a program value of more than \$700 million. Projects included local routes and primary arterials, state highways, interstate interchanges, roundabouts, intersection improvements, railroad crossings, access management, and capacity improvements. Areas of responsibility included the coordination and management of design and feasibility studies, traffic studies, interchange justification reports, environmental assessments, topographic surveys, engineering design, utility relocation coordination, right-of-way appraisals and acquisitions, project/construction management, funding and schedule forecasting/analysis, public outreach; as well as, coordination with local, state, and federal entities to include City-Parish Baton Rouge, LADOTD, and FHWA. Responsible for the management of consultant engineers, project managers, and inspectors.</p>		
(2016 – 2017)	<p>State Contract No. 4400009661: LADOTD Retainer for Right-of-Way, Statewide, LA. Program Manager - LADOTD selected CSRS to perform statewide professional right-of-way services for proposed projects covered under the Retainer Contract and issued as individual task orders, as needed. Mr. Charbonnet served as Program Manager and was responsible for the contractual oversight, client coordination, and review management for all items listed in the scope of services, including acquisition services, relocation assistance, title research report services, and expropriation support services.</p>		



<p>(2016 – 2017)</p>	<p>Easy Streets Traffic Enhancements – Phase I & II, Louisiana State University, Baton Rouge, LA - Mr. Charbonnet served as Program Manager and provided <u>contract closeout and program management review</u> on remaining projects in the Easy Street II program. The Easy Street I program consisted of the reconfiguration of approximately 534 parking spaces, introduction of traffic calming and shared road concepts, pedestrian crosswalks, lighting, signage and landscaping. The Easy Streets II program sought to facilitate safe bicycle use on the campus by introducing a series of designated bikeway corridors through the campus, in addition to; restriction of vehicles along Tower Drive to enhance pedestrian safety along the corridor by minimizing pedestrian/vehicular conflicts. CSRS was selected to provide topographic surveys, roadway design and alignment study, preliminary and final plans, right of way surveys and maps, investigation of drainage and flood level impacts and permitting coordination.</p>
<p>(05/16 – 05/17)</p>	<p>Calcasieu Parish Transportation Initiative, Calcasieu Parish Police Jury, Calcasieu Parish, LA – Mr. Charbonnet actively led and provided oversight and management during the initial start-up and development phase of the program, which included the development of program processes and procedures, engineering standards and specifications, standards for right-of-way acquisition, program budgets, consultant RFQ and selection process, as well as inter-agency coordination, public outreach, and community awareness activities. During the program development stage, he ensured all projects conformed with <u>LADOTD and FHWA guidelines</u> to maximize eligibility for state and federal assistance, including following NEPA, the Uniform Relocation Act, and following an approved consultant selection criteria process. Calcasieu Parish’s transportation improvement program was developed to environmentally permit, design, and construct transportation improvements on five designated state routes within Calcasieu Parish, valued at \$174 million.</p>
<p>(08/22 – Present)</p>	<p>Capital Area Transit System (CATS) On-Call Engineering Services, Baton Rouge, LA – Mr. Charbonnet serves as Contract Manager for this project to provide engineering services for the CATS Five Year Capital Improvements & Investments Plan in conjunction with the CATS 2017-2022 Strategic Plan (Program or Project). Atlas assists CATS with Project Development & Delivery and Planning roles by providing supplement staff on an as-needed basis for all types of project planning, development, and delivery. We provide these on-call services to CATS’ executive management, staff, teaming partners, and other entities and stakeholders as requested.</p>



Meets MPR #7			
Firm employed by			
Name	Edwin "Buddy" Gratton, PE	Years of relevant experience with this employer	13
Title	Principal Engineer	Years of relevant experience with other employer(s)	39
Degree(s) / Years / Specialization		MS / 1986 / Civil Engineering BS / 1982 / Civil Engineering	
Active registration number / state / expiration date		PE #43534 / Louisiana / 09-30-2023 and seven other states.	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Gratton will serve as Principal-in-Charge for this project. Mr. Gratton spent more than 26 years at the Georgia Department of Transportation (GDOT) and joined Atlas following his retirement. He has spent more than 14 years at Atlas, providing executive-level management of operations, coordination, and facilitation of the company's office and field functions. Mr. Gratton spent a large part of his career at GDOT in the area of Operations. His tenure included serving as District Engineer in the Atlanta Metro area. Mr. Gratton oversaw traffic operations, maintenance, design, permitting, and other functions in this role. This time in operations gives him a strong understanding of traffic engineering and operations.	
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 years of experience specified in the applicable MPR(s).		
(07/20 – Present)	<p>S.P. H.013284: LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA – Mr. Gratton is serving as Principal-in-Charge for the new crossing of the Mississippi River to alleviate traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new "south" Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of, LA 30) on the east side of the Mississippi River. The new crossing will be funded in part through the collection of tolls. After a handful of alternatives are identified after the Enhanced Planning Study, Phase 2 of the project will consist of preparing the NEPA document to identify a preferred alternative. Three alternatives have been identified from the Enhanced Planning Study and will be analyzed further in Part 2 of the project, which consists of preparing the NEPA document to identify a preferred alternative.</p>		
(01/21 – Present)	<p>20-CP-HC-0014: MOVEBR Sherwood Forest Extension: Greenwell Springs to Joor Road, Baton Rouge, LA – Mr. Long serves as QA/QC for this project that is part of the MOVEBR Program, designated as a New Capacity Improvement Project. Atlas is overseeing Phase I – Design Study and Phase II – Final Design of a new connector road extending approximately two miles from Greenwell Springs/Sherwood Forest to its connection to Joor/Mickens Road. The Joor roadway is identified as part of the road transfer program and is a future Parish route. Greenwell Springs Road will remain a DOTD roadway. The project includes a new two-lane roadway with shoulders and open ditch drainage. The work also includes enhancing traffic flow within the intersection limits.</p>		
(11/21 – Present)	<p>GDOT Engineering Design Review Services, Statewide, GA – Mr. Gratton serves on plan reviews and higher-level initiatives on behalf of GDOT and reviews contracts. The Atlas team has performed over 400 project reviews worth more than \$4.5 billion in construction. Reviews ensure conformance to AASHTO, GDOT Design Policy Manual, GDOT standards, details, specifications and special provisions, Plan Development Process (PDP), and Plan Presentation Guide (PPG). Plan conformance to concept report,</p>		



	value engineering implementation and green sheet is also reviewed. Project types include traffic signal upgrades, widenings, interchanges , bridge replacements, and multi-purpose trails. Mr. Gratton performed plan reviews for signing and marking, traffic signals, and ITS plans.
(02/09-Present)	I-16/I-75 Interchange, Bibb County, GA – Mr. Gratton is the Principal Engineer for the I-16/I-75 improvement project, which includes widening and reconstruction of I-75 from Hardeman Avenue to Pierce Avenue and I-16 from I-75 to Walnut Creek for a total of six miles of interstate reconstruction within the heavily congested city of Macon, GA. Within this corridor are three interstate/arterial route interchanges (I-16 at Spring Street, Second Street, and Coliseum Drive) and a system-level interchange between I-16 and I-75. Collector-distributor roads were utilized to eliminate dangerous weaving movements on the interstate mainline. Project coordination included nine railroad overpasses, a railroad tunnel, the Ocmulgee National Monument, Gateway Park, the Ocmulgee Heritage Trail, two historic cemeteries, five historic districts, and a \$10M mitigation plan for a landmark minority neighborhood (Pleasant Hill) that I-75 bisected in the 1960s.
(02/09-Present)	Statewide Preliminary Engineering Services and Engineering Development for Highway/Railroad Grade Crossings, GA – Atlas has conducted a field inventory of approximately 720 at-grade crossings working on 14 corridor crossing studies. MA prepared Highway Railroad Engineering Assessments (HREAs) for all 720 at-grade crossings and also prepared improvement recommendation alternatives and diagrams in close coordination with GDOT staff. Mr. Gratton was responsible for leading the team to prepare reports for all 14 corridor crossing studies , including field inventory, PowerPoint pictures of crossings, data collection from local jurisdictions (cities and counties), school authorities, and both Class I railroads (CSX Transportation and Norfolk Southern).
(02/09-Present)	Gwinnett Program Management, Gwinnett County, GA – Mr. Gratton has been actively involved in managing the Gwinnett Program over the last 13 years. The county has undertaken an extensive program of road improvements dating back to 1986. This continuous program has been funded with SPLOST revenues and assistance from GDOT. Projects have included freeway interchanges and modifications, the addition of interstate CD lanes, major construction on primary roadways, resurfacing, paving of unpaved roads, intersection reconfigurations, and operational improvements. The Gwinnett County Department of Transportation has utilized Atlas' program management and construction management services for the past 27 years through five consecutive contracts to facilitate the completion of more than \$1.5 billion of projects. These services have included general program coordination, concept development, quality control, environmental permitting , and liaison with GDOT.
(02/09-08/10)	I-95/Horse Stamp Church Road Interchange, Camden County, GA – Mr. Gratton served as Principal-in-Charge and provided QA/QC for this project to construct a diamond interchange and replace the existing substandard bridge over I-95. The project included relocating Spring Bluff Road west of its existing location so that the road would not be next to the new interstate ramp. This project provides additional access to I-95 for future planned development and for future mandated emergency FEMA evacuations.

section 17

firm experience





Firm Name			Past Performance Evaluation Discipline(s)*	Environmental & Planning
Project Name	MISSISSIPPI RIVER BRIDGE SOUTH GBR: LA 1 TO LA 30 CONNECTOR		Firm responsibility (prime or sub)	Prime
Project Number	S.P. H.013284	Owner's Name	LADOTD	
Project Location	Baton Rouge, LA	Owner's Project Manager	Paul Vaught, III, PE	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1816 paul.vaughtiii@la.gov			
Services Commenced By This Firm (Mm/Yy)	07/20	Total Consultant Contract Cost (\$1,000s)	\$6,277	
Services Completed By This Firm (Mm/Yy)	ongoing	Cost of consultant services provided by this firm (\$1,000s)	\$1,182	

PROJECT DESCRIPTION



Atlas is conducting an **Enhanced Planning Study (contract Part 1)** for LADOTD to identify a new crossing of the Mississippi River, alleviating traffic congestion in the Capital Region. The Five-Parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new "South" Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 on the west side of the MS River and to LA 30 on the east side of the MS River. Atlas serves as the Prime consultant responsible for providing and overseeing services in Part 1 (Enhanced Planning), such as:

- Developing a preliminary purpose and need
- Identifying key stakeholders and agencies
- Developing a Travel Demand Model and mesoscopic traffic model
- Public involvement and outreach
- Conducting a navigation study
- Conducting preliminary environmental review on alternatives
- Preparing preliminary cost estimates and Level 1 sketch toll analysis
- Undertaking an iterative process of analyzing and assessing plausible alternative corridors
- Narrowing the number of alternatives to a handful of the most feasible alternatives (from 32 to three alternatives)

Part 2 (Environmental Evaluation) of the contract consists of taking the three most feasible alternatives through the NEPA process to ultimately end up with a Preferred Alternative and approved NEPA document from FHWA. Atlas is responsible for providing and overseeing services such as:

- Environmental impact statement
- Geotechnical investigations
- Mesoscopic traffic modeling
- Line and grade study and preliminary bridge design
- Topographic survey and hydrographic survey
- GIS project mapping
- Phase I ESA
- Air/noise and economic study/toll analyses
- Conceptual stage relocation plan
- Phase I cultural resource survey
- Wetland delineation and threatened and endangered species study
- Public involvement and outreach
- Identification of permits and mitigation

SIMILARITIES TO LA 429

- + Environmental assessment
- + Alternative screening, analysis and vetting
- + Traffic impacts within the same corridor
- + Intensive public involvement and regular stakeholder

FIRM MEMBERS INVOLVED: Buddy Gratton, Principal-In-Charge | Jonathan Charbonnet, Contract Manager | Kara Moree, Project Manager | Maria Bernard Reid, Deputy PM and Environmental Lead | Todd Long, Traffic QA/QC | LN Manchi, Traffic Management | Brad Hale, Roadway Engineer | Jackie Wood, Road Design | Brandon DeJean, Project Management Support and Traffic QA/QC

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



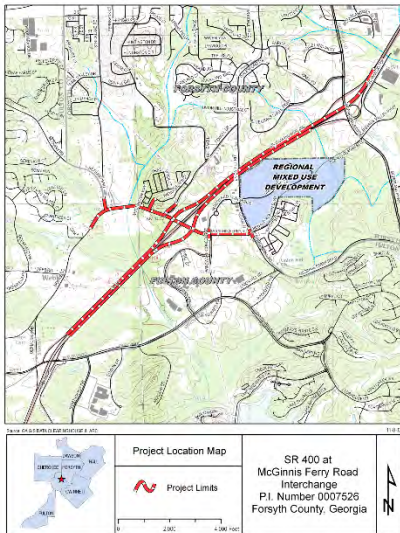
Firm Name			Past Performance Evaluation Discipline(s)*	Environmental / Traffic Engineering
Project Name	STATE ROUTE 400 AT MCGINNIS FERRY ROAD INTERCHANGE JUSTIFICATION REPORT (IJR)		Firm responsibility (prime or sub)	Prime
Project Number	STP00-2564-00(004)	Owner's Name	Forsyth County	
Project Location	Gwinnett, Fulton, and Forsyth Counties	Owner's Project Manager	John Cunard	
Owner's Address, Phone, Email	110 East Main Street, Suite 120, Cumming, GA 30040 (770) 781-2165 jvcunard@forsythco.com			
Services Commenced By This Firm (Mm/Yy)	09/11	Total Consultant Contract Cost (\$1,000s)	\$ 450	
Services Completed By This Firm (Mm/Yy)	02/13	Cost of consultant services provided by this firm (\$1,000s)	\$ 425	

PROJECT DESCRIPTION

This Interchange Justification Report (IJR) evaluated the need for additional vehicular access to the freeway system along Georgia State Route 400 (SR 400). The purpose of the IJR was to determine that an additional access point was both necessary and beneficial to vehicular movement in the study area and to document the process used to make the determination. The IJR was based on policies, procedures, and guidelines developed by the Federal Highway Administration (FHWA) and the Georgia Department of Transportation (GDOT). It answered the eight policy points established in U.S. Code, Title 23, Section 111, dealing with highways.

SIMILARITIES TO LA 429

- + Interchange Justification Report
- + Interchange Alternative Analysis
- + No Build Condition Analysis
- + Environmental Support
- + Roadway Design
- + CE & I
- + Right of Way Acquisition



Six different project alternatives were analyzed, including the No-Build condition. The IJR concluded that the preferred alternative was an interchange access point on SR 400 at McGinnis Ferry Road. This IJR addresses all of GDOT and FHWA guidelines for adding access points to limited access facilities. The new interchange at McGinnis Ferry Road would reduce traffic congestion, reduce the frequency and severity of crashes, and provide for continued future economic development. Future development of the SR 400 corridor in the study area would create major employment opportunities. It would also provide the western terminus of an east/west multi-county connector anchored to the east at I-85.

This GDOT project constructed a full diamond interchange and replaces the existing bridge over SR 400 and widened McGinnis Ferry Road from two and four lanes to four and six lanes, respectively. The project was designed with consideration for future managed lanes on SR 400. The project involved temporary road closures, detour, and impacts to several streams and wetlands. Our team extensively coordinated with the U.S. Army Corps of Engineers (USACE) regarding aquatic passage for culvert replacements and extensions. The environmental team was able to achieve an improved aquatic passage through innovative design on the extension of perched culverts. Noise effects were identified, and reasonable and feasible abatement in the form of noise barriers was implemented. An open house and a public hearing were completed prior to the FHWA approval of the FEA/FONSI.

FIRM MEMBERS INVOLVED: L.N. Manchi, Project Manager; Bijay Niraula, Environmental Manager; Brad Hale, Highway Design QA/QC; Todd Long, QA/QC; Robert Whitesides, Traffic Noise Analysis; David Fairlie, Traffic Modeling.

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



Firm Name			Past Performance Evaluation Discipline(s)*	Environmental / Traffic Engineering
Project Name	I-85 AT SR 324 INTERCHANGE JUSTIFICATION REPORT (IJR)		Firm responsibility (prime or sub)	Prime
Project Number	PI 0012698	Owner's Name	Gwinnett County DOT	
Project Location	Gwinnett County, GA	Owner's Project Manager	Lewis Cooksey, PE	
Owner's Address, Phone, Email	75 Langley Drive Lawrenceville, GA 30046 (770) 822-7417 lewis.cooksey@gwinnettcounty.com			
Services Commenced By This Firm (Mm/Yy)	06/10	Total Consultant Contract Cost (\$1,000s)	\$400	
Services Completed By This Firm (Mm/Yy)	01/12	Cost of consultant services provided by this firm (\$1,000s)	\$375	

PROJECT DESCRIPTION

Atlas staff obtained the approval of the Environmental Assessment (EA)/Finding of No Significant Impact (FONSI) for the I-85 at SR 324 interchange project in Gwinnett County despite some hurdles faced between the Draft EA and Final EA/FONSI milestones. Atlas staff worked closely with the Gwinnett County Department of Transportation (DOT), Georgia Department of Transportation (GDOT) Office of Environmental Services (OES), and the Federal Highway Administration (FHWA) staff regarding the traffic and environmental issues that came up on this new interchange project.

FHWA requested the comparison of the traffic projections for this project with the I-85 mainline widening and toll lanes projections along with and without the future proposed extension of Sugarloaf Parkway between SR 316 and I-85. This was handled quickly by Atlas staff with a summary comparison of the traffic information and also reviewing the ARC activity model information. Atlas staff also arranged team meetings and conference calls to present the findings and mitigate any concerns about the consistency of future traffic. During this period, the feasibility and applicability of the noise walls and the project's responsibility for the noise walls were clarified and agreed upon prior to conducting the noise barrier outreach in the final design phase.



Rescued Plant: Pink Lady Slipper

L N Manchi, Atlas's Environmental Services Manager, led this effort and ensured that the GDOT Project Manager, OES staff, GCDOT staff, and FHWA staff worked toward the common goal of consistency and clear demarcation of mitigation responsibilities. A detailed disposition letter summarizing the responses for each of FHWA's comments was provided with the revised document seeking approval.

Another unique aspect of this project is the demonstration of the working relationship between Atlas Environmental staff and agencies like GADNR, EPD, & the US Army Corps of Engineers (USACE). Atlas ecologists worked with GDOT OES and DNR staff to identify a pre-construction commitment to relocate the Pink Lady Slipper (Cypripedium acaule) from the construction project ROW. Only one individual was observed in the actual ROW/construction area. The single rescued plant was carefully planted in piney woods near the headquarters building of the Nongame Conservation Section, Wildlife Resources Division of the GADNR.

Atlas staff also worked closely with the EPD staff to streamline the public advisory notice period while the Stream Buffer Variance (SBV) application was reviewed at the agency. This allowed for the expedited issuance of the SBV, as Gwinnett County already received the USACE nationwide permit for the project.

Atlas Transportation and Environmental group lead L N Manchi and his staff's working relationship with agencies allowed us to work through the traffic and environmental hurdles before the let authorization for this project.

SIMILARITIES TO LA 429

- + Interchange Justification Report
- + Environmental Impacts
- + NEPA Studies
- + Phase I ESA
- + New connector road with consideration of sensitive parcels
- + Coordination with many concurrent and adjoining projects

FIRM MEMBERS INVOLVED: LN Manchi, Environmental Services Manager.

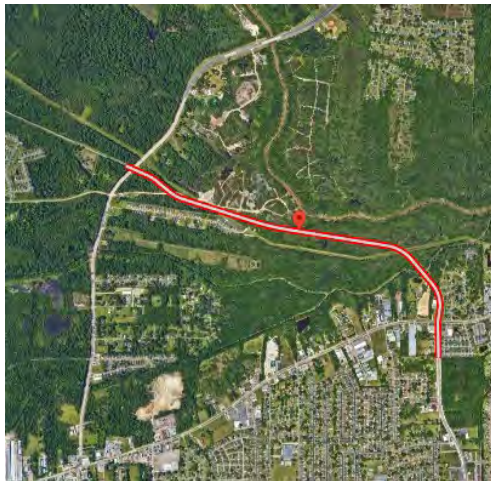
PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



Firm Name			Past Performance Evaluation Discipline(s)*	Environmental / Traffic Engineering
Project Name	SHERWOOD FOREST EXTENSION: GREENWELL SPRINGS ROAD TO JOOR ROAD		Firm responsibility (prime or sub)	Prime
Project Number	20-CP-HC-0014	Owner's Name	City of Baton Rouge, Parish of East Baton Rouge	
Project Location	Baton Rouge, LA	Owner's Project Manager	Fred E. Raiford	
Owner's Address, Phone, Email	222 Saint Louis St., 8th Floor, Baton Rouge, LA 70802 (225) 389-3000 fraiford@brgov.com			
Services Commenced By This Firm (Mm/Yy)	05/20	Total Consultant Contract Cost (\$1,000s)	Phase 1: \$1.1M (actual) Phase 2: \$1.2M (est.)	
Services Completed By This Firm (Mm/Yy)	01/21	Cost of consultant services provided by this firm (\$1,000s)	\$400	

PROJECT DESCRIPTION

The City of Baton Rouge, Parish of East Baton Rouge selected Atlas to perform the engineering and related services for the construction of the Sherwood Forest Extension project. This project is part of the MOVEBR Program, designated as a New Capacity Improvement Project. The Joor roadway is identified as part of the road transfer program and is a future Parish route. Greenwell Springs road will remain an LADOTD roadway. The two-phased project includes a new two-lane roadway with shoulders and open ditch drainage. The Sherwood Forest Extension is a greenfield project connecting Sherwood Forest at Greenwell Springs to Joor Road at Mickens. The work also includes enhancing traffic flow within the intersection limits.



Services included:

- Feasibility corridor study with ten alternatives
- Design study, including environmental and traffic considerations/analysis as well as addressing floodplain impacts wetland concerns
- Preliminary and final roadway/intersection design plans
- Hydraulic analysis
- Corridor topographic survey
- Right-of-Way (ROW) mapping
- Subsurface Utility Engineering (SUE)
- Construction administration
- Final construction plans and cost estimates
- Support services during certain construction phases
- Cost estimating

SIMILARITIES TO LA 429

- + Feasibility with alternatives
- + Enhanced planning
- + Phase I ESA
- + New connector road with consideration of sensitive parcels
- + Existing complex utilities
- + Coordination with many concurrent and adjoining projects

FIRM MEMBERS INVOLVED: Buddy Gratton, Principal-In-Charge | Jonathan Charbonnet, Contract Manager | Kara Moree, Deputy Project Manager | Maria Bernard Reid, Environmental Lead | LN Manchi, QA/QC | Brad Hale, Highway QA/QC (concept phase) | Todd Long, Traffic QA/QC | David Fairlie, Sr. Traffic Engineer | Jackie Wood, Lead Designer

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



Firm Name			Past Performance Evaluation Discipline(s)*	Roadway/Traffic
Project Name	US 84 CONNECTOR, LIBERTY COUNTY		Firm responsibility (prime or sub)	Prime
Project Number	PI 522570	Owner's Name	Liberty County	
Project Location	Hinesville, GA	Owner's Project Manager	Joseph Brown	
Owner's Address, Phone, Email	100 North Main Street, Suite 1320, Hinesville, GA 31313 (912) 876-2164 joey.brown@libertycountyga.com			
Services Commenced By This Firm (Mm/Yy)	08/18	Total Consultant Contract Cost (\$1,000s)	\$2,500	
Services Completed By This Firm (Mm/Yy)	06/23	Cost of consultant services provided by this firm (\$1,000s)	\$2,220	

PROJECT DESCRIPTION



The US 84 Connector is a new road alignment that begins at US 84 and is located approximately a half mile south of the existing SR 119 in Liberty County. The alignment would continue east parallel to SR 119 and bridge over the CSXT railroad and two large wetlands on each side of the railroad. This project proposes constructing a two-lane, new location connector roadway that is 2.8 miles in length. The new road will be designated a state route offering an alternative route for truck traffic. The project will improve safety and traffic operations by redirecting truck traffic from an existing road with an at-grade railroad crossing and a heavily populated residential area to the new location roadway. Design and environmental coordination are crucial elements for the minimization of wetland impacts. Design modification is required to avoid impacts on a National Register-eligible historic cemetery. A Memorandum of Agreement was executed among all stakeholders to mitigate visual impacts to the cemetery. Noise effects were identified, and reasonable

and feasible abatement in the form of noise barriers was implemented. The project is in a census tract composed mainly of minority and low-income (EJ) communities. Our environmental team conducted a rigorous alternatives analysis to select the least impactful alignment to the EJ communities in and around the project area. We employed various techniques to increase EJ communities' participation in the decision-making process. In coordination with FHWA and GDOT, our team proposed mitigation to offset impacts to EJ communities and avoided disproportionately high and adverse impacts to these communities. The public hearing for this project was held during the COVID-19 pandemic. FHWA required the project team to hold an in-person hearing, supplemented by an online component. Despite complex logistical challenges, our team completed an in-person public hearing supplemented by a web-based platform leading up to FHWA approval of the FEA/FONSI. Virtual, mail, and in-person public outreach for the EJ population and public hearing open house helped obtain input from the public and key stakeholders. Upon FHWA approval of the Draft EA and FONSI, ROW plans were approved. ROW acquisition is complete and certified. The final roadway and final bridge plans have been completed, and the project is on target to meet the P6 baseline let date of July 2023.

SIMILARITIES TO LA 429

- + Initial and Final Data Collection
- + Traffic and Signal Warrant Analysis
- + Existing and No Build Analysis
- + Preliminary and Final Alternative Analysis
- + Final Traffic Engineering Report
- + Environmental Special Studies & NEPA

FIRM MEMBERS INVOLVED: LN Manchi – Project Manager | Bill DuVall – Bridge Designer | Bijay Niraula, NEPA Key Team Lead | Brad Hale, Highway Design QA/QC and EOR

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS




PROVIDENCE

FIRM EXPERIENCE
SUBCONSULTANT





Firm Name			Past Performance Evaluation Discipline(s)*	Environmental
Project Name	I-10 LA 415 TO ESSEN LANE ON I-10 AND I-12 STAGE 1 ENVIRONMENTAL ASSESSMENT		Firm responsibility (prime or sub)	Prime
Project Number	State Project No. H.004100.2 Federal Aid Project No. H004100	Owner's Name	LADOTD	
Project Location	East and West Baton Rouge Parishes, LA	Owner's Project Manager	Brian Kendrick	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1197 brian.kendrick@la.gov			
Services Commenced by This Firm (Mm/Yy)	01/17	Total Consultant Contract Cost (\$1,000s)	\$2,921	
Services Completed by This Firm (Mm/Yy)	02/21	Cost of consultant services provided by this firm (\$1,000s)	\$843	

PROJECT DESCRIPTION



This environmental project included a study of I-10 through Baton Rouge to develop feasible improvements and obtain an environmental decision to implement improvements to I-10 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 and analyzing the implementation of various concepts to recommend a preferred alternative. (Widening existing infrastructure and revising interchanges). Extensive public outreach efforts are also included to ensure public input throughout the process. 100% of the project work was completed in Louisiana.


- Project Management
- Purpose and Need (P&N) Statement
- GIS Mapping Services
- Public Outreach/Agency Involvement
- Wetlands Assessment
- Environmental Studies
- Alternatives Development & Analyses
- Constructability Review
- Cost Estimating
- Final Report Preparation



PROVIDENCE MEMBERS INVOLVED: Kerry Oriol; Paul Clifton; Tim Kimmel; Adam Davis; and Lori McGuire

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



Firm Name			Past Performance Evaluation Discipline(s)*	Environmental Planning
Project Name	CITY/PARISH OF EAST BATON ROUGE, PECUE LANE / I-10 INTERCHANGE, STAGE 1 ENVIRONMENTAL ASSESSMENT		Firm responsibility (prime or sub)	Prime
Project Number	City-Parish Project No. 09-CS-US-0041, SPN 700-17-0221	Owner's Name	City of Baton Rouge, Parish of EBR - DPW	
Project Location	East Baton Rouge Parish, LA	Owner's Project Manager	Tom Stephens, PE	
Owner's Address, Phone, Email	PO Box 1471 Baton Rouge, LA 70821 (225) 389-3186 tstephens@brgov.com			
Services Commenced by This Firm (Mm/Yy)	10/10	Total Consultant Contract Cost (\$1,000s)	\$580	
Services Completed by This Firm (Mm/Yy)	10/16	Cost of consultant services provided by this firm (\$1,000s)	\$460	

PROJECT DESCRIPTION

This project was a Stage 1 EA and related services, including a review of a previously completed IJR to meet NEPA compliance and obtain an environmental decision. As part of the Green Light Plan Transportation and Street Improvements Program, the City-Parish proposed converting the existing two-lane Pecue Lane overpass and Interstate 10 into a new interchange, with Pecue Lane having multiple through lanes. The new interchange would provide entrance and exit ramp access to both eastbound and westbound lanes of I-10. Elevations and widths of the new Pecue Lane/I-10 interchange would require widening existing Pecue Lane to the south towards the Kansas City Southern Railroad and to the north towards Airline Highway (US 61). This would also require existing Pecue Lane and I-10 bridges over Wards Creek to be replaced or modified; subsequently, Reiger Road would be extended to Pecue Lane, and a new intersection would be constructed as part of the final design. The EA was prepared in accordance with all FHWA Technical Advisory and DOTD laws, rules, policies, and regulations.

- Project Management
- Purpose of Need
- Public Outreach
- NEPA Compliance
- GIS/Mapping
- Noise and Air Quality Study
- Permitting
- Phase I ESA
- Environmental Justice
- Threatened and Endangered Species Survey
- Wetlands Analysis



PROVIDENCE MEMBERS INVOLVED: Kerry Oriol; Paul Clifton; Tim Kimmel; Adam Davis; and Lori McGuire



Firm Name			Past Performance Evaluation Discipline(s)*	Environmental
Project Name	I-49 INNER CITY CONNECTOR		Firm responsibility (prime or sub)	Prime
Project Number	SPN 700-09-0171	Owner's Name	NLCOG	
Project Location	Caddo Parish, LA	Owner's Project Manager	Kent Rogers	
Owner's Address, Phone, Email	401 Market Street, Shreveport, LA 71101 (318) 841-5950 kent.rogers@nlcog.org			
Services Commenced by This Firm (Mm/Yy)	02/09	Total Consultant Contract Cost (\$1,000s)	\$1,173	
Services Completed by This Firm (Mm/Yy)	11/21	Cost of consultant services provided by this firm (\$1,000s)	\$665	

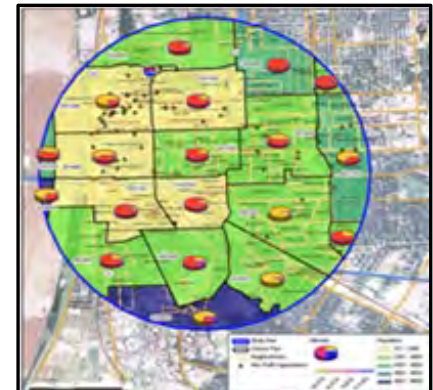


PROJECT DESCRIPTION

Providence Engineering and Environmental Group, LLC managed the project and prepared the environmental documentation in accordance with LADOTD **Stage 0 Feasibility Study** requirements on the I-49 Inner City Connector project in Caddo Parish, Louisiana. The scope of work included all relevant tasks for a Stage 0 Feasibility Study and **Environmental Inventory**. The project is a connector segment of the I-49 **Corridor**, which runs from Winnipeg, Manitoba, Canada, to New Orleans, LA. The connector is designed to intersect Shreveport, Louisiana, through the urban area adjacent to the center of downtown, with an approximately 3.6-mile-long highway segment connecting the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. The Stage 0 was completed four months ahead of schedule

and within the specified project budget. Unlike many Stage 0 studies, **public outreach** was a major component in determining project feasibility. Public opposition in previous years to I-49 through this area forced the original alignment to be removed from consideration. This project included both Interchange Modifications Reports (IMRs) and **Interchange Justification Reports (IJRs)** through subconsultants. The Stage 1 EA is currently underway.

- Environmental Inventory Document
- Purpose and Need Statement
- Desktop Overview of Environmental Constraints
- Alternatives Analysis and Development
- Environmental Studies (affected environment, environmental consequences, permit identification)
- Managed Traffic Studies Environmental Inventory
- Agency Coordination/Public Involvement
- Website development (Including GIS Application)
- Feasibility Study



PROVIDENCE MEMBERS INVOLVED: Kerry Oriol; Adam Davis; Lori McGuire; Tim Kimmel; and Paul Clifton

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS

Michael Baker
INTERNATIONAL

FIRM EXPERIENCE
SUBCONSULTANT

MMB

Firm Name	Michael Baker INTERNATIONAL		Past Performance Evaluation Discipline(s)*	Environmental, Road, Bridge
Project Name	I-69 Section of Independent Utility No. 15 EIS/ROD, Louisiana (HPC 18 US 171 to I-20)		Firm responsibility	Prime
Project Number	700-94-0003 - F.A.P. No. HPI-690-1(001)	Owner's Name	LADOTD	
Project Location	Bossier, Caddo, and DeSoto Parishes, Louisiana	Owner's Project Manager	Mike La Fleur	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70804-9245 (22) 242-4512 Mike.LaFleur@LA.gov			
Services Commenced by This Firm (Mm/Yy)	04/01	Total Consultant Contract Cost (\$1,000s)	\$5,139	
Services Completed by This Firm (Mm/Yy)	11/14	Cost of consultant services provided by this firm (\$1,000s)	\$5,139	

PROJECT DESCRIPTION

Michael Baker conducted a preliminary engineering and environmental study for I-69, Section of Independent Utility 15. Michael Baker's services included project management, environmental investigations, preliminary roadway engineering, GIS environmental mapping and analysis, GPS survey and digital orthophotography, conceptual bridge design, traffic demand modeling and traffic forecasting, preparation of a corridor preservation memorandum of agreement, preparation of draft and final EIS and record of decision, and stakeholder outreach.

The proposed four-lane, interstate facility approximately 35 miles long, and extend through Bossier, Caddo, and DeSoto parishes. The project includes the construction of six interchanges with US 171, I-49, LA 1, US 71, LA 157, and I-20; a new bridge crossing of the Red River, a navigable waterway; a two-lane undivided, uncontrolled-access frontage road on a new location between Ellerbe Road in Caddo Parish and Stonewall Frierson Road in DeSoto Parish; and minor roadway realignments to improve roadway geometry.

Roadway preliminary engineering involved development of line and grade, conceptual interchange development, evaluation of construction limits, and cost estimates. Bridge conceptual engineering involved establishing bridge and span lengths, sizing girders, and estimating costs. Michael Baker conducted a concept study for the 10,280-foot-long Red River Bridge to provide information related to navigation and the effects the bridge would have on navigation interests using the waterway, and performed hydrologic, hydraulic, and scour analyses. The conceptual design established pier locations, horizontal and vertical clearances, and the alignment of the main channel navigation span and approach spans.

Michael Baker prepared digital orthophotography of the 300-square-mile study area using the U.S. Geological Service National Aerial Photography Program photography and GPS survey control. Michael Baker developed a GIS environmental inventory of natural, social, and cultural resources and used it to analyze potential impacts. This approach will also be taken with I-10 at LA 74. The project included interchange justification studies of the I-49 and I-20 interchanges, probability modeling for archaeological resources, a Phase I cultural resources assessment and geoarchaeological study, wetland delineation and surface waters jurisdictional evaluations, a Phase I environmental site assessment, highway traffic noise studies, conceptual bridge design and navigable waterways studies, Interior least tern and Red-cockaded woodpecker biological assessments, and Endangered Species Act Section 7 consultation.

Michael Baker performed origin-destination studies and expanded and calibrated the TDM model to include DeSoto Parish. The enhanced TDM model was used to forecast traffic for the facility and was also delivered to the MPO for its future regional transportation planning and travel demand forecasting use.

SIMILARITIES TO LA 429

- + Stage 1: EA or EIS
- + National Environmental Policy Act (NEPA)
- + Covers Environmental Decision Making
- + Line & Grade

FIRM MEMBERS INVOLVED: Chris Gesing, PE (Project Manager), Lu Ann May (GIS), Gary Chodkowski, PE (Cost Estimates/Scheduling), Andrew Kuchta (Noise)

Firm Name	Michael Baker INTERNATIONAL		Past Performance Evaluation Discipline(s)*	Environmental
Project Name	Louisiana 1 Improvements Alternatives Analysis and Environmental Impact Statement, EIS/ROD		Firm responsibility	Prime
Project Number	700-29-0112	Owner's Name	LADOTD	
Project Location	Lafourche Parish, Louisiana	Owner's Project Manager	Noel Ardoin, Env. Section Administrator	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70804-9245 (225) 242-4501 noel.ardoin@la.gov			
Services Commenced by This Firm (Mm/Yy)	09/99	Total Consultant Contract Cost (\$1,000s)	\$929	
Services Completed by This Firm (Mm/Yy)	09/04	Cost of consultant services provided by this firm (\$1,000s)	\$929	

PROJECT DESCRIPTION

Louisiana Highway 1 (LA 1), between Golden Meadow, Leeville, and Grand Isle, Louisiana, is a rural two-lane arterial highway following the natural levee of Bayou Lafourche. The highway is subject to periodic tidal inundation, which necessitates maintenance beyond the normal requirements, including removing debris washed up by high water and repairing shoulders washed out during major storms, and it serves as the lone land access to Port Fourchon and Grand Isle, Louisiana's only inhabited barrier island.

LA 1 traverses the Barataria-Terrebonne National Estuary (BTNE). The estuary supports one of the most prolific and profitable fisheries in the Nation and is designated as Essential Fish Habitat (EFH) for a number of species including post-larval and juvenile white shrimp, brown shrimp, red drum (redfish), and Spanish mackerel. Seventy-five (75) percent of the deep-water oil and gas production from the Gulf of Mexico goes through Port Fourchon, which handles 13 percent of the Nation's foreign oil and is connected by pipeline to 30 percent of the U.S. refining capacity.

In addition to serving the residents, petroleum industry, commercial fishermen, and recreational sportsmen, LA 1 must serve as a hurricane evacuation route. With continued coastal erosion and subsidence, the region has become increasingly susceptible to flooding early in any weather event.

Michael Baker conducted a route location, conceptual engineering, and environmental evaluation for a 17-mile four lane fully controlled access elevated highway on new location with bridges spanning navigable waterways. Because the project area encompassed some of the most ecologically unique and sensitive areas in Louisiana, and perhaps the Nation, traversing the area with a highway on new location presented major environmental challenges. In the spirit of environmental stewardship and streamlining, a context sensitive project approach was employed to develop a transportation facility that fit the physical setting and preserved scenic, aesthetic, historic, and environmental resources, while maintaining safety and mobility. Similar to what is anticipated on LA 30, LA 1 had extensive environmental/wetland complexes throughout the project.

The unique ecology necessitated special studies to satisfy resource agency requirements, including a shading analysis requested by National Marine Fisheries Service. The study evaluated the project's shading effect on the health of smooth cord grass (*Spartina Alternifolia*), the dominant coastal wetland plant in the Study Area. The study was used to identify impacts and compensatory mitigation to move the project forward. End on construction techniques were required to minimize impacts to the fragile ecosystem.

Michael Baker's comprehensive evaluation of environmental impacts enabled the project to obtain the necessary permits without undo delay. The American Association of State Highway and Transportation Officials (AASHTO) named the Louisiana 1 Improvements Alternatives Analysis and Environmental Impact Statement the 2004 President's Transportation Award - Environment Category.

SIMILARITIES TO LA 429

- + Stage 1: EIS/ROD
- + National Environmental Policy Act (NEPA)
- + Covers Environmental Decision Making

FIRM MEMBERS INVOLVED: Chris Gesing, PE (Project Manager), Lu Ann May (GIS), Gary Chodkowski, PE (Cost Estimates/Scheduling), Andrew Kuchta (Noise)



PROJECT DESCRIPTION

Firm Name	Michael Baker INTERNATIONAL		Past Performance Evaluation Discipline(s)*	Environmental, Road, Bridge
Project Name	LA 30: EBR PL - I-10		Firm responsibility	Prime
Project Number	H.013797	Owner's Name	Louisiana Department of Transportation and Development	
Project Location	East Baton Rouge, Iberville, Ascension Parishes	Owner's Project Manager	Joseph Brown, PE	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70804-9245 (225) 379-1493 Joseph.Brown@LA.GOV			
Services Commenced by This Firm (Mm/Yy)	3/22	Total Consultant Contract Cost (\$1,000s)	\$1,054	
Services Completed by This Firm (Mm/Yy)	On-going	Cost of consultant services provided by this firm (\$1,000s)	\$384	

Michael Baker was selected to perform the Environmental Assessment for the widening of LA 30 from the East Baton Rouge Parish line to Interstate 10. LA 30 is currently a mixture of 2-lane and 3-lane roadway with residential, industrial, and commercial developments. LA 30 corridor is experiencing rapid growth in the industrial and retail commercial businesses.

Additionally, DOTD is currently performing an environmental study for the construction of a new Mississippi River Bridge which may tie close or directly with LA 30. Specific coordination is between the LA 30 and Mississippi River Environmental teams is crucial to make sure both project progress without significant issues. **Atlas is currently working on the Mississippi River project and Michael Baker on LA 30 Corridor. Current Coordination and Collaboration between both firms and proximity to LA 429 Connector will provide efficient and seamless development of environmental document.**

The environmental study is broken into two Phases: PEL Study Part 1 and PEL Study Part 2. Michael Baker's responsibilities include Traffic Impact Study, Line & Grade, Environmental Field Data Collection, SUE Services, and Environmental Documentation. The Traffic Study portion of the project requires the team to collect existing traffic counts along LA 30 along with turning movements at driveways. Michael Baker team will use the traffic counts to determine recommendations for the required improvements to carry forward during the study phase. Michael Baker team will host public involvement meetings to gather public input for the recommended alternatives. The public comments will be incorporated into the final documentation of the Environmental Assessment Document. The Michael Baker team will conduct SUE services due to the number of industrial pipelines that parallel LA 30 on both sides of the road.

As part 2 of the PEL Study, the Michael Baker team will develop the environmental assessment document. An initial document will be created and reviewed during the public involvement process and after finalizing addressing public comment, the final document will be developed and published. Once FHWA finds a record of decision (ROD) and Finding of No Significant Impact (FONSI), the Environmental Assessment document will be published and distributed to the public for final record.

SIMILARITIES TO LA 429

- + Stage 1: EA or EIS
- + Proximity to the LA 429 project
- + Line & Grade Study
- + National Environmental Policy Act (NEPA)
- + Covers Environmental Decision Making

FIRM MEMBERS INVOLVED: Daniel Thornhill, PE, (Project Manager), Chris Gesing, PE (Deputy Project Manager), Brandon Pitre, PE (Road), Eric Erikson (Hydraulics), Lu Ann May (GIS), Andrew Kuchta (Noise)



FIRM EXPERIENCE
SUBCONSULTANT





Firm Name	Coastal Environments, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project Name	LA 70 Widening from the Sunshine Bridge to LA 22		Firm responsibility	Cultural Resources
Project Number	H.002424	Owner's Name	LADOTD	
Project Location	Ascension and St. James Parishes	Owner's Project Manager	Sharon Gage	
Owner's Address, Phone, Email	P.O. Box 94245, Baton Rouge, LA 70804; 225-242-4514; sharon.gage@la.gov			
Services Commenced By This Firm (Mm/Yy)	08/18	Total Consultant Contract Cost (\$1,000s)		
Services Completed By This Firm (Mm/Yy)	03/19	Cost of consultant services provided by this firm (\$1,000s)		\$41

PROJECT DESCRIPTION



Coastal Environments, Inc., (CEI) conducted a cultural resources survey related to the widening of LA 70 from the Sunshine Bridge to LA 22, in Ascension and St. James parishes, Louisiana. The work was conducted for the Louisiana Department of Transportation and Development (LADOTD).

SIMILARITIES TO LA 429

- + Same region
- + Similar survey methodology

Phase I cultural resources survey was conducted within the direct area of potential effects (APE)- a 147.13-acre area located between the communities of Union and Sorrento. The indirect APE encompassed approximately 457.32 acres and included all structures within 75 meters of the direct APE.

The survey recorded 13 standing structures, but no archaeological sites. Six of the structures had been relocated from other areas in southeast Louisiana to Cajun Village, which opened in 1992. They no longer retained their integrity of location, setting, feeling and association. None of the structures were recommended as being eligible for the NRHP.

FIRM MEMBERS INVOLVED: Sara Hahn (Standing Structures), Joanne Ryan (Archaeologist), Thurston Hahn (Historian), David Kelley (Principal Investigator)

PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



Firm Name	Coastal Environments, Inc.		Past Performance Evaluation Discipline(s)*	Environmental
Project Name	LA 3234 Extension from LA 1065 to Hammond Airport		Firm responsibility	Cultural Resources
Project Number	H.008915.2	Owner's Name	LADOTD	
Project Location	Tangipahoa Parish	Owner's Project Manager	Michelle Hanks	
Owner's Address, Phone, Email	P.O. Box 94245, Baton Rouge, LA 70804; 225-242-4514; sharon.gage@la.gov			
Services Commenced By This Firm (Mm/Yy)	12/16	Total Consultant Contract Cost (\$1,000s)		
Services Completed By This Firm (Mm/Yy)	12/19	Cost of consultant services provided by this firm (\$1,000s)		\$74

PROJECT DESCRIPTION

Coastal Environments, Inc., (CEI) conducted a cultural resources survey related to the construction of an extension of LA 3234 from LA 1065 to the Hammond Airport in Hammond, Tangipahoa Parish, Louisiana. The work was conducted for the Louisiana Department of Transportation and Development (LADOTD).

Phase I cultural resources survey was conducted of a 144.14-acre area located within, and northeast of, the town of Hammond.

The archaeological project area constituted the rights-of-way for three combined alternates, and all necessary construction servitudes. The area of potential effects (APE) encompassed approximately 1,788 acres and included all structures within 75 meters of the three combined alternates, plus the entire Hammond Airport.

The survey recorded eight archaeological sites and 53 standing structures. Portions of five of the archaeological sites were inaccessible and the Louisiana Division of Archaeology recommended that further investigations be conducted at these sites if they fall within the acquired right-of-way. The three remaining archaeological sites were recommended as not eligible for the NRHP. Three of the structures, the Alack House a ca. 1880 Folk Victorian residence, and two World War II era structures at the former Hammond Army Airfield, were recommended as eligible for the NRHP. The remaining structures were not considered eligible.

SIMILARITIES TO LA 429

+ [Similar survey methodology](#)

FIRM MEMBERS INVOLVED: Sara Hahn (Standing Structures), Joanne Ryan (Archaeologist), David Kelley (Principal Investigator)


PRIME CONSULTANT NAME: ATLAS TECHNICAL CONSULTANTS



FIRM EXPERIENCE
SUBCONSULTANT





Firm Name	 VECTURA CONSULTING SERVICES, LLC		Past Performance Evaluation Discipline(s)*	Traffic
Project Name	NEW ORLEANS RAIL GATEWAY ENVIRONMENTAL IMPACT STATEMENT (JEFFERSON HIGHWAY)		Firm responsibility (prime or sub)	Sub
Project Number	H.005168.2	Owner's Name	LADOTD	
Project Location	Vernon Parish, LA	Owner's Project Manager	Dean Goodell	
Owner's Address, Phone, Email	PO Box 94245 Baton Rouge, LA 70804 (225) 379-3031 dean.goodell@la.gov			
Services Commenced by This Firm (Mm/Yy)	01/21	Total Consultant Contract Cost (\$1,000s)	unknown	
Services Completed by This Firm (Mm/Yy)	Current	Cost of consultant services provided by this firm (\$1,000s)	\$133.75	

PROJECT DESCRIPTION

The Jefferson Highway-Rail Crossing Relocation project is an Environmental Assessment that will evaluate relocating the NOPB at-grade crossing to the KCS at-grade crossing or vice-versa. The grade separating each combined crossing (roadway over rail) will also be evaluated.

Traffic Volumes

Due to the impacts of COVID-19, data collection for the Jefferson Highway location was not possible. To develop traffic volumes, volumes from the RPC Ochsner1 Stage 0 report along with the Earhart / Dakin Street Connector project from the TransCAD model were used. Vectura coordinated with NORPC to develop a growth rate for future design volumes.

Crash Analysis

Vectura conducted a historic crash data review for US 90 between Brooklyn Avenue and Dakin Street. Crash data for the most-recent three-year period was evaluated with a focus of the review on crashes attributed to the existing at-grade rail crossings. A collision diagram, CAT Scan, and crash documentation were performed.


Operations Analysis

Vectura performed an intersection operational analysis of the studied intersections using HCS7. The average stopped delay, V/C ratio and 95% queues were reported as measures of effectiveness.

Currently, Chapters 1, 2 and Appendices A, B, C and D were approved by DOTD. Vectura submitted Chapter 3 and Appendix E and is awaiting approval.

VECTURA MEMBERS INVOLVED: Laurence Lambert, Brin Ferlito, Bridget Robicheaux, Reece Rodrigue, and Kristen Farrington (100% performed in Louisiana)



Firm Name	 VECTURA CONSULTING SERVICES, LLC		Past Performance Evaluation Discipline(s)*	Traffic
Project Name	I-12 TO BUSH - LA 3241 (I-12 - LA 36) CORRIDOR STUDY		Firm responsibility (prime or sub)	Sub
Project Number	H.004957.5	Owner's Name	LADOTD	
Project Location	Lacombe, LA	Owner's Project Manager	Jeff Burst	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70802 225-379-1356 jeffrey.burst@la.gov			
Services Commenced by This Firm (Mm/Yy)	09/16	Total Consultant Contract Cost (\$1,000s)	\$1,895	
Services Completed by This Firm (Mm/Yy)	05/17	Cost of consultant services provided by this firm (\$1,000s)	\$84	

PROJECT DESCRIPTION

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

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- **Traffic signal warrants**, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

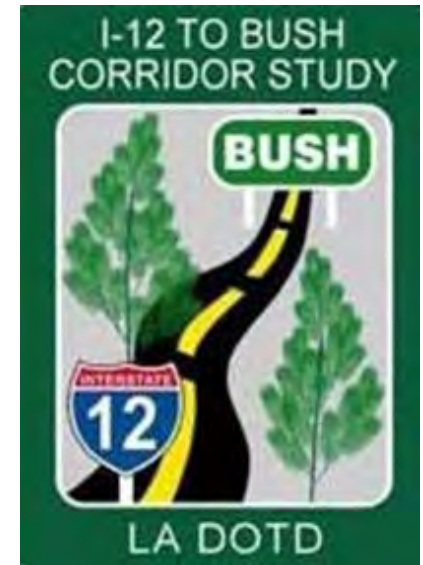
Task 2 Traffic Study

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

- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for implementation and design years
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections, median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts
- Developed Vissim model of the preferred corridor layout
- Developed draft traffic study report


Task 3 Safety Analyses

- Developed **three-year crash analyses** report as per DOTD standards



VECTURA MEMBERS INVOLVED: Brin Ferlito, Bridget Robicheaux, and Laurence Lambert (100% performed in Louisiana)



Firm Name	 VECTURA CONSULTING SERVICES, LLC		Past Performance Evaluation Discipline(s)*	Traffic
Project Name	STAGE 0 JUDGE TANNER BOULEVARD CORRIDOR STUDY		Firm responsibility (prime or sub)	Sub
Project Number	PO #S120890	Owner's Name	St. Tammany Parish Government	
Project Location	St. Tammany Parish, LA	Owner's Project Manager	Laura Gatlin	
Owner's Address, Phone, Email	620 N Tyler Street, Covington, LA 70434 (985) 898-2552 lcbeach@stpgov.org			
Services Commenced by This Firm (Mm/Yy)	02/17	Total Consultant Contract Cost (\$1,000s)	\$50	
Services Completed by This Firm (Mm/Yy)	06/17	Cost of consultant services provided by this firm (\$1,000s)	\$31	

PROJECT DESCRIPTION

This project called for a Corridor Study for improvements of four intersections on Judge Tanner Blvd. that included the interchange ramps of US 190. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual (TEM) Section 20.2. The report was reviewed by District 62 and the HQ Traffic Engineering Section.

Task 1 Data Collection

Vectura collected the following traffic data for 4 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with classification
- Turning movement counts for morning and evening peak periods for four intersections
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak traffic volumes for forecast traffic volumes using TransCAD data

Task 2 Traffic Study

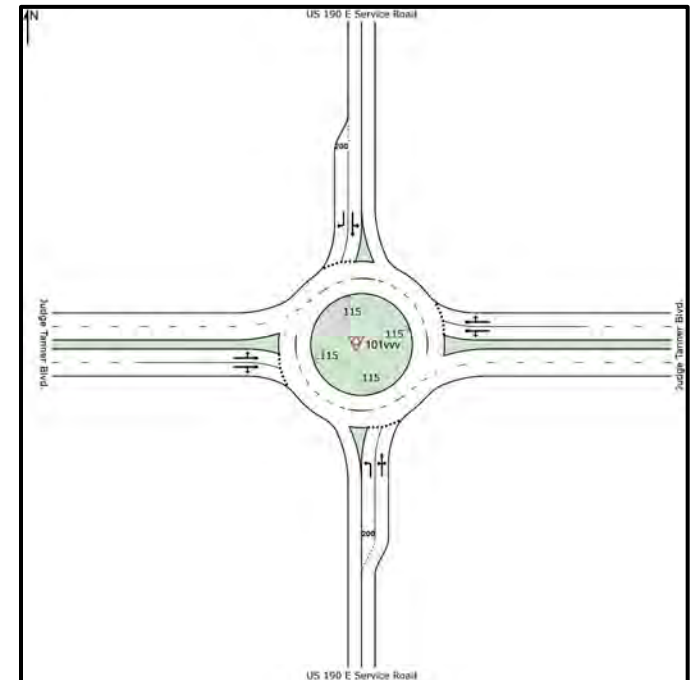
This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD TEM Section 20.2.

This task included the following elements:

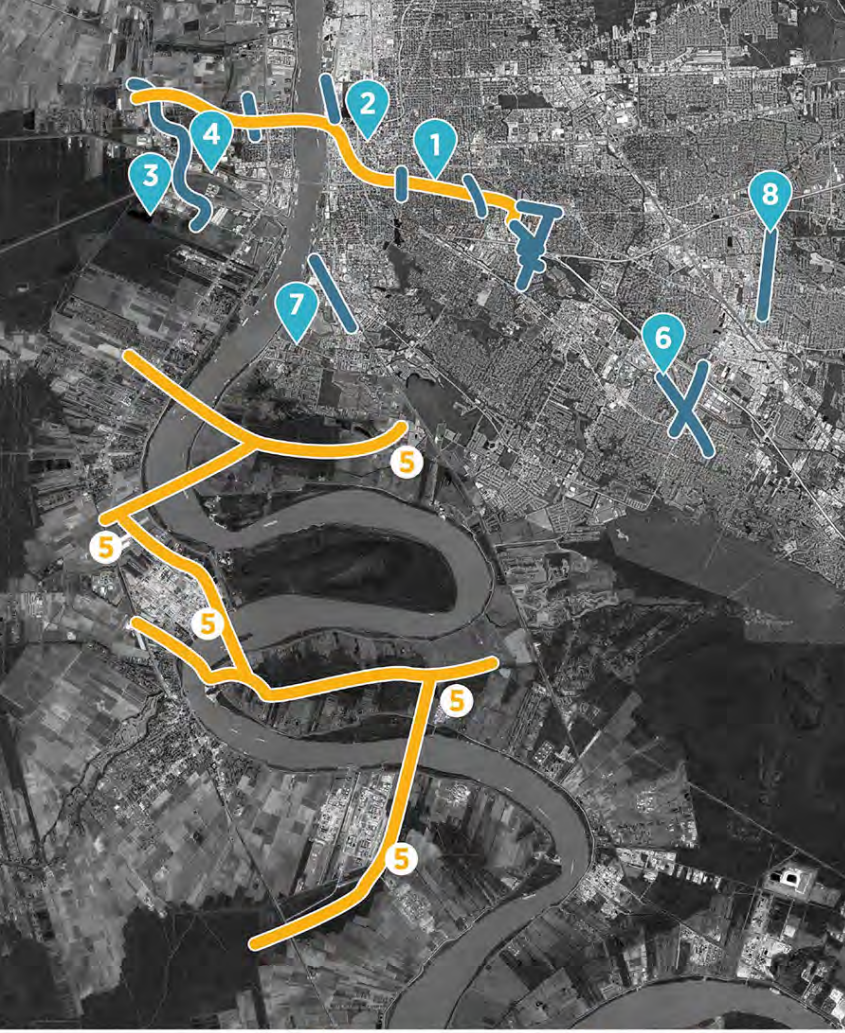
- Developed three-year crash analyses
- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for implementation year and design year
- Intersection alternatives included signalized and unsignalized intersections and roundabouts
- Developed draft traffic study report

Tasks 3 and 4 Project Management and Final Feasibility Study and Deliverables

These tasks included project coordination and the submittal of the final traffic study and electronic files.

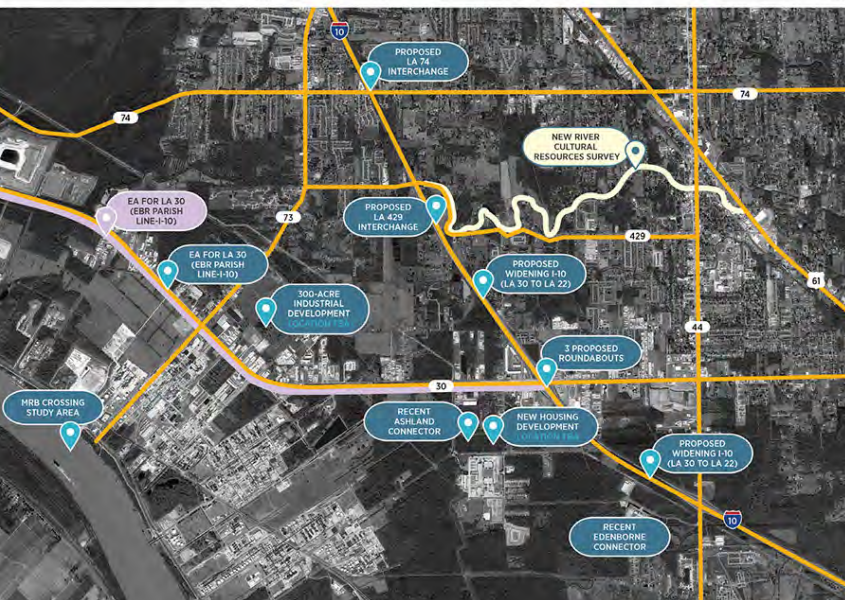


PROVIDENCE MEMBERS INVOLVED: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)



section 18

approach and methodology



Extensive IJR and NEPA experience critical to a comprehensive I-10 corridor study that addresses all proposed interstate access changes with the LA 429 connector and the adjacent LA 74 project.

18. Approach and Methodology

PROJECT UNDERSTANDING

Atlas Technical Consultants assembled a team with members who have been involved with the LA 429 connector and interchange project since its early conceptual stage as well as with involvement in several other projects in planning and design in the LA 429 project vicinity (i.e., LA 30 widening, LA 30 Roundabouts, Mississippi River Bridge South). The **Atlas Team** includes **Michael Baker International, Inc., Vectura, Providence, and Coastal Environments, Inc.** Each team member has years of DOTD experience, especially with projects that must follow NEPA guidelines.

The LA 30 corridor between East Baton Rouge and Ascension Parishes is a growing industrial corridor. Traffic volumes along LA 30, LA 74, and LA 429 are very high, with commuter and freight traffic to and from the nearby industrial facilities and residential developments. Adding to the strain on the capacity of the roadway network, LA 30 would be the eastern terminus of the proposed Mississippi River Bridge South in Iberville Parish. Existing DOTD Rights-of-Way (ROW) are narrow, often abutting the numerous pipelines, telecommunications, and electric utilities along the route. Due to existing capacity issues and the area's projected growth, the LA 429 connector and I-10 interchange will be considered to relieve the freight and industrial traffic congestion along LA 30.

PROJECT MANAGEMENT

The Atlas Team understands the necessary coordination across the Interchange Justification Report (IJR), Line & Grade (L&G), and Environmental Studies. The approach and methodology that follows describe critical task overlaps where appropriate as they would occur along the project schedule. Focusing on these dependent tasks across disciplines and highlighting these junctions demonstrates the Atlas Team's understanding of necessary coordination throughout the timeline and where duplicating efforts should be avoided. The Atlas project management team, Kara Moree and Maria B. Reid, as well as IJR Task Lead, Brandon DeJean, have valuable experience in leading complex, large-scale projects through the NEPA process. To illustrate our Approach and Methodology, a preliminary project schedule is provided with tasks and key milestones, shown as numbered stars, referenced throughout this narrative.

I. INTERCHANGE JUSTIFICATION REPORT

Task 1 - Data Collection Review

We will assess and verify all previous studies and data provided by DOTD to confirm adequate data is available to complete all studies and verify the ability to address FHWA Policy Points 1 & 2. **Chapter 1** of the Final Report, **Appendices A & B**, and a plan for additional data (if necessary) will be prepared for review and approval. Following the approval of the deliverable, the **Task 2 Data Collection Meeting** will be held to discuss the review.

The Atlas Team will coordinate with DOTD to identify the logical termini and preliminary purpose and need for the project. Atlas will prepare a logical termini request letter and project area map for DOTD's submittal to FHWA.

The Atlas Team will use collected data to **generate a GIS database** with shapefiles for environmental fieldwork, traffic data, existing ROW, and visible features such as existing roadway, surfaces, poles, signage, ditches and pipes, utilities, etc. Contours and proposed alternative concepts will be added, including proposed ROW and their relocations and mitigation measures. This will be a living database in the sense that it will provide the foundation for all future studies and plans for the improvements to LA 429.

Task 3 - Existing, No Build, Tier 1, & Preliminary Tier 2 Verification to develop HCS models for Existing and No Build for I-10 and existing ramp terminals, update of **Chapter 2, Appendices C & D**, develop **Draft Tier 1 and Preliminary Tier 2** documents. The alignment provided as a sketch by DOTD will also be reviewed to determine the intersection location of the LA 429 connector with LA 30 and coordinated with the L&G and Environmental Study tasks for Stage 0 investigation and potential advancement to Tier 2 analysis. Review and approval of Task 3 Deliverables will be followed by **Task 4 Meeting** held to confirm the project's purpose & need in conjunction with Task III.B.1 (Purpose and Need for Action). The meeting will also present Tier 1 and Preliminary Tier 2, and recommend viable alternatives for advancement to Tier 2 Analysis (**Milestone 1 of Project Schedule**).

Task 5 - Tier 2 Analysis

Operational Analysis using HCS7 will be performed for the entire approved peak periods during Design Year 2038 with established MOEs for ramp terminals and I-10 mainline in HCS7. **Safety Analysis** will include an assessment of impacts and ability of alternatives to safely and efficiently collect, distribute, and accommodate traffic on the mainline, ramps, ramp terminals, applicable segments of the local street network, and nearest interchange. **Critical Geometry** will be developed in conjunction with L&G Tasks II. A (Horizontal Geometry) and II.B (Vertical Geometry) using Operational and Safety Analysis results to inform design decisions for key areas of alternatives.

The Atlas Team understands alternatives advanced to Tier 2 Analysis may not be viable due to operations, critical geometry, or environmental issues that cannot be remedied. To minimize the risk of additional project delay, the verified Tier 1 Matrix deliverable from Task 3 will include sufficient detail to inform decision-makers should additional concepts need to be advanced to Final Tier 2 Analysis.



Atlas has completed over 50 IJR/IMRs in the State of Georgia

The Critical Geometry, Operational, and Safety Analysis will be compiled in **Appendix E** Approval of Task 5 deliverables. **The Task 6 Tier 2 Meeting** will be held to present the analysis results and identify alternatives recommended for advancement to Tier 3. This meeting will occur during preparation for Environmental Study Task III.B.4 (Public Meeting) to inform stakeholders in attendance and to potentially identify a preferred alternative (**Milestone 3 of Project Schedule**).

Task 7 - Tier 3 Analysis

Geometric Layout for preferred alternative(s) will be developed in conjunction with L&G Tasks II.A (Horizontal) and II. (Vertical). Striping and Signing Layouts will be developed to illustrate appropriate interstate guide sign locations/composition to comply with the MUTCD. The

analysis will be included in **Appendix E. Chapter 3** will also be completed at this time to summarize the results of Tier 1, Tier 2, and Tier 3 Analysis.

Task 9 - Final Report

The IJR will be compiled to include **FHWA 8 Policy Points, Executive Summary, Introduction, Chapter 1, Chapter 2, Chapter 3 and Appendices A through E.**

Task 8 - FHWA 8 Policy Points

All necessary information required to address the policy points will be compiled and documented. Policy Points 1, 2, 3, 4, and 7 will be addressed directly using documentation and results of the Final Report. Policy Points 5, 6, and 8 will be addressed through modifications to the transportation plan, coordination with the adjacent I-10 at LA 74 IJR study, and issuance by FHWA of FONSI during Environmental Study Task III.F.

II. LINE AND GRADE STUDY

Tasks to initiate the L&G study will begin concurrently with IJR Task 1 Data Collection to review available data and collect additional data as needed to establish existing conditions, roadway/bridge geometry, and the location of utilities.

SURVEY DATA COLLECTION

Mobile LiDAR (Light Distance and Ranging) and aerial imagery will be used to document and locate all visible highway details and features on existing surfaces and facilities on or above the ground. Collected data elements and attributes important to the analysis will be stored in a GIS Database. The imagery and elements of the GIS Database will be

used to project apparent ROW. All ditches, visible drainage inlets and culverts, fences, signage, signalization, poles, highway markings, and many of the pipeline markers will be catalogued. That locational data will prove to be essential in analyses and cost estimates.

LiDAR data, as collected by the Atlas Team, will be compared and used to generate digital elevation models (DEM). The DEM will be used to determine the need for changes to existing drainage, locational guidance for utility adjustments and relocations, and refinements of the vertical alignment to minimize mass balance changes (as much as possible). Contours will be generated and exported to the GIS models. A GIS base map of existing conditions, design criteria, and typical sections will be added to the existing data compiled in IJR Task 1 and used to proceed with subsequent tasks.

Task II.A & B - Horizontal and Vertical Alignment

Alternatives will be developed according to the current Road Design Manual, EDSMs, Standard Plans, Access Management Policy, Complete Streets Policy, and Minimum Design Guidelines. IJR Task 5 Tier 2 Operational and Safety Analyses results will be utilized to ensure adequate design of freeway, ramps, ramp terminal intersections, and major intersections along LA 429.

Horizontal alignments will include with controlling geometric information, control of access limits, existing and estimated ROW limits as well as intersection and interchange schematics.

Vertical alignments will include a profile view indicating existing grade, proposed vertical grades incorporating each tier of the proposed interchange, required vertical clearances, PVI locations, length of vertical curves, and headlight or stopping distance.

RIGHT-OF-WAY (ROW) IMPACTS, UTILITY RELOCATION COST AND CONSTRUCTION

Alternatives will be analyzed to determine the construction limits and estimate the required ROW. The Atlas Team will develop a parcel information GIS maps layer, including ownership names and contacts. Relocations are expected, so conceptual stage relocation plans and cost estimates will be provided. Phase I Environmental Site Assessments will be conducted on all properties to be acquired by DOTD. A utilities GIS map layer will be created through the SUE Level D survey. Utility owners will be identified for relocation coordination. A Utility Cost Estimate Report will be prepared detailing all assumptions and decisions made while providing the relocation estimate.

The potential for impacts to known sensitive areas such as Cornerview Cemetery, Ronald J. Robert, Sr. Memorial Park, wetlands, and environmental justice communities will be avoided or minimized to the greatest extent practicable and coordinated with Environmental Study Task III.D.2 & D.3 (Field Surveys of Alternatives and Impacts). (**Between Milestones 2 and 3 of the Project Schedule**)

Refinement of a preferred alternative alignment and interchange configuration included in the final L&G study will also include details based on a constructability review that considers maintenance of traffic.

Task II.C - Line & Grade Study Deliverable

The study will be compiled for inclusion in the environmental document as an appendix. This will include: Table of Design Criteria, Plan and Profile displays, Typical Roadway/Bridge Sections, Cost Estimates, Design Report, and electronic files of all plans sheet.

III. ENVIRONMENTAL STUDY

Fundamentals of the NEPA decision-making process include interagency participation, public involvement, and documentation and disclosure. The Atlas Team will follow the DOTD Stage 1 Manual to prepare for the SOV, scoping meetings, the purpose and need refinement, and development and/or refinement of alternatives.

The Atlas Team will prepare a Project Management Plan (PMP) following the May 2017 FHWA PMP guidance and the DOTD Environmental Section's *Guidance for Major Projects and 2013 DOTD Project Delivery Manual*.

Purpose & Need (Task III.B.1)

Tasks to be completed before initiating the Environmental Study include IJR Task 1 Data Collection and existing No Build, Tier 1, Preliminary Tier 2 (IJR Tasks 3 & 4) to confirm the project's preliminary purpose and need. A planning-level environmental inventory for the alignment provided as a sketch by DOTD will also be performed to ensure a comparative evaluation to those included in the LA 429 Connector Stage 0. The Atlas Team will determine what data was used to develop the new alternative and if the alternative meets the project's purpose and need. Screening of alternatives throughout the project duration will occur with a tiered approach that follows the development of Tier 1, Tier 2, and Tier 3 analysis for the IJR. Refinement of project purpose and need will continue as needed during the progression of the Environmental Study leading up to the Public Meeting.

With the progression of IJR Task 5 Tier 2 Analysis and Line & Grade Tasks II.A & B to develop Critical Geometry, alternatives will be identified and developed in sufficient detail to initiate Solicitation of Views (SOV), to begin a Field Survey of Alternatives, and to determine impacts.

The initiation of SOV constitutes the beginning of NEPA procedures (23 CFR 771) and the subsequent 12-month deadline to complete the process, per CEQ's 2020 Update to the Regulations Implementation the Procedural Provisions of NEPA (85 FR 43304-43376). Per **Task III.G**, the Atlas Team will notify the DOTD Environmental Section when field work begins and ends. (*Milestone 2 of Project Schedule*)

Task III.A Solicitation of Views

With DOTD's approval, the Atlas Team will update the statewide and Ascension Parish SOV lists with local stakeholders. We will prepare a project description (based on the level of detail in alternative development from IJR Task 5 and L&G tasks 2A and 2B), project area map, and SOV letter to request comments and early project coordination from Federal, state, and local stakeholders. Following DOTD's review and approval, the Atlas Team will distribute the SOV packets to recipients on the SOV lists (*Milestone 2 of the Project Schedule*) and document any responses received for data gathering or follow-up action.

Task III.B.2 & B.3 Field Survey of Alternatives and Impacts

Environmental field surveys (Wetland inventories, cultural resources Phase 1 surveys, roadway noise analyses data collection, Phase I Environmental Site Assessments, etc.) will be conducted for all action alternatives under NEPA analyses. Technical reports will be prepared to document survey methodologies, findings, potential impacts from proposed alternatives, and any avoidance, minimization, or mitigation measures used to reduce the likelihood of adverse impacts of the project. Technical reports will be submitted to DOTD for review and included with the Environmental Assessment as an appendix. The Atlas Team will support the DOTD Archaeologists during the National Historic Preservation Act Section 106 coordination with Louisiana State Historic Preservation Office and with tribes.

In the event that a property that is considered either National Register of Historic Properties (NRHP)-eligible or a 4(f) property is within the project's area of potential effect and would potentially be impacted, the Atlas Team would support DOTD's consultation with SHPO and FHWA and report impacts and any proposed mitigation measures at the public meeting (*Milestone 3 of Project Schedule*).

The Atlas Team will develop a **Public Involvement Plan (PIP)** to detail how we will engage stakeholders and the public, both online and through public meetings and hearings. The PIP will incorporate guidance from DOTD's Public Involvement Procedures for Stage 1 Environmental Process. The plan will identify stakeholders in Ascension Parish, regional stakeholders in the Capitol Area Metropolitan Planning Area, and statewide stakeholders. Diversity will be a key component of public outreach activities with multiple opportunities to reach various citizens, such as Environmental Justice (EJ) populations, Limited English Proficiency (LEP) populations, low mobility populations, and other groups that are typically under-represented or have unique needs. The plan will include options for conducting meetings using an online platform with recorded presentations and opportunities for online feedback. Public meetings and hearings will follow all guidelines for public safety and accessibility.

Task III.B.4 Public Meeting

A public meeting will present project information, a range of alternatives developed through IJR Task 5 Tier 2 Analysis, and preliminary potential impacts of the project. IJR Task 6 Tier 2 Meeting would be held in advance of and coordinated with Environmental Study task personnel to assist with preparation for the Public Meeting (**Milestone 3 of Project Schedule**).

Tasks III.C & III.D-Preparation and Review of Draft Environmental Assessment

After the alternatives are developed, environmental studies completed, and impacts assessed and presented at the public meeting, the Environmental Assessment (EA) will be prepared. The technical reports prepared following environmental surveys, the IJR, and L&G Study will be included as appendices. A review draft of the EA will be submitted to DOTD for review and approval before publishing the Notice of Availability (NOA) in the newspapers of record.

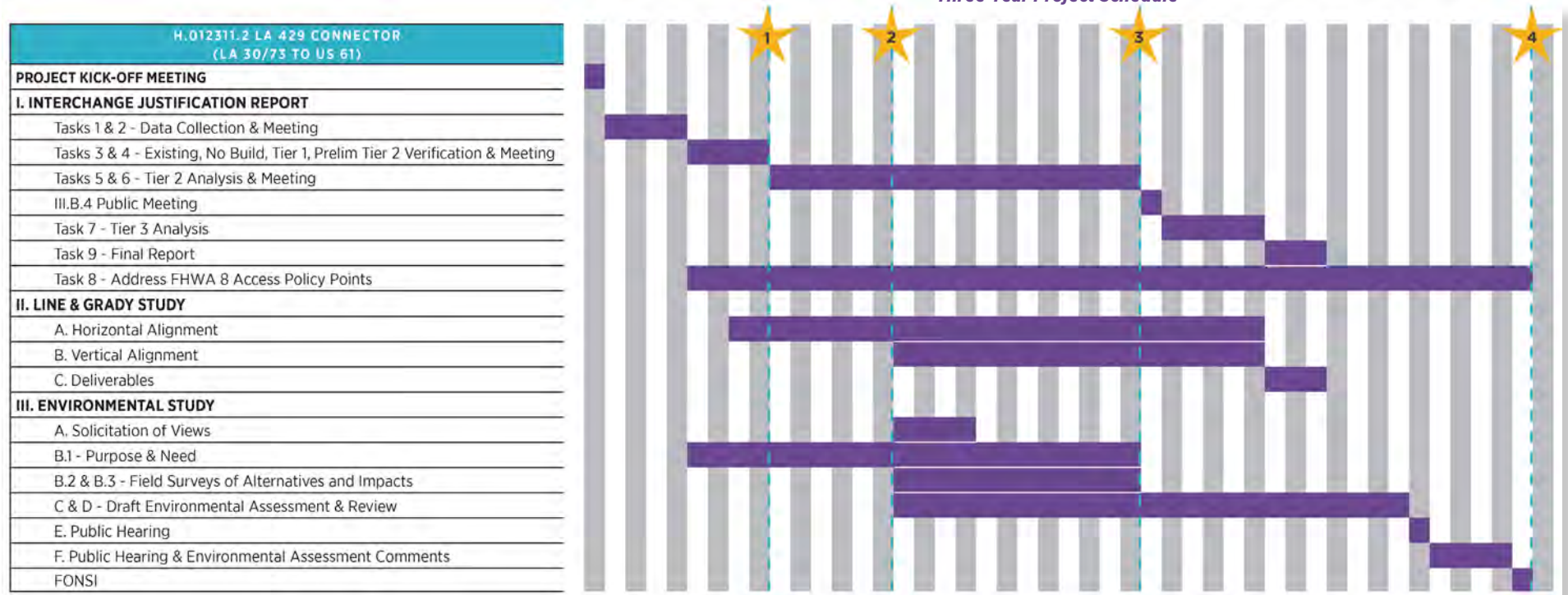
Task III.E – Public Hearing

Once approved for publication by DOTD and FHWA, the EA must be available for review for 15 days before holding a Public Hearing. The EA document will be on public review for at least 30 days and made available for comments at the Public Hearing. Any impacts to Section 4(f), NRHP-eligible properties, or any parcels to be acquired for project ROW will also be identified. The Atlas Team will support the DOTD Real Estate section to provide information on the acquisition process to affected property owners.

Task III.F. Public Hearing & Environmental Assessment Comments

Comments from the public and stakeholders will be compiled and responses to the comments will be provided in the Finding of No Significant Impact (FONSI). Draft permit applications will be prepared as part of Project Close-out for DOTD action as the project moves forward into further project delivery phases (**Milestone 4 of Project Schedule**).

SCHEDULE





section
19

workload



19. Workload

Firm	Past Performance Evaluation Discipline(s)*	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
Atlas Technical Consultants, LLC	Environmental and Planning	Contract No. 4400017438 SPN - H.013284	MRB SOUTH GBR:LA 1 TO LA 30 CONNECTOR ROUTE	\$460,652
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400015488 SPN - H.006499.6	Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services	\$164,557
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400015488 SPN - H.006538.6	Lafayette Consolidated Government (LCG) Sidewalks, (SRTS) Lafayette Parish, LA: IDIQ Contract for CE&I Services	\$244,028
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400015488 SPN - H.010108.6	Independence SRTS-Phase II, Tangipahoa Parish: IDIQ Contract for CE&I Services	\$128,917
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400015488 SPN - H.014579.6	FYA Signal Improvement (LCG) Lafayette Parish: IDIQ Contract for CE&I Services	\$142,790
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400015191 SPN - H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$999,405
Providence Engineering and Environmental Group, LLC	Environmental	Contract No. N/A H. 004791	Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project	\$851,799
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400007446 SPN - H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	\$1,597,221
Providence Engineering and Environmental Group, LLC	Environmental Planning Traffic	Contract No. 4400007803 Supplemental Agreement No 1, SPN - H.005121.5	LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish	\$91,468
Providence Engineering and Environmental Group, LLC	Survey Road	Contract No. 4400023718 SPN - H.013340	Valhi Blvd. Multi-Use Trail, Phase 1	\$46,801



Firm	Past Performance Evaluation Discipline(s)*	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
Providence Engineering and Environmental Group, LLC	CE&I/OV Road	Contract No. 4400015488, SPN H.012235/ Task Order No. H.012235.6	White Castle Sidewalks Safe Routes to School Project : IDIQ Contract for CE&I Services	\$21,995
Providence Engineering and Environmental Group, LLC	Environmental / Planning	Contract No. 4400017438 SPN - H.013284	MRB South GBR: LA 1 to LA 30 Connector Project	\$16,305
Michael Baker International, Inc.	CE&I/OV	Contract No. 4400025536 S.P. No. H.013997	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Loc Rd. over Borrow Pit (Blind RV BT LNCH), St. James Parish	\$363,114
		Contract No. 4400014845 Task Order No. H.012018.6 S.P. No. H.012018.6 F.A.P. No. H012018	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07 Statewide Adaptive Traffic Signal and Implementation, Lafayette Parish	\$231,573
		Contract No. 440001485 Task Order No. H.0003184.6 S.P. No. H.003184.6	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07 Statewide, I-10: Texas State Line - E. of Coone Gully, Calcasieu Parish	\$434,492.12
		Contract No. 440001485 Task Order No. H.013959.6 S.P. No. H.013959.6 F.A.P. No. H013959	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 07 Statewide Reeds Bridge Road over Calcasieu River Relief, Calcasieu Parish	\$304,327
		Contract No. 4400013851 Task Order No. H.013271.6 S.P. No. H0.013271.6	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	\$5



Firm	Past Performance Evaluation Discipline(s)*	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
		F.A.P. No. H.013271		
		Contract No. 4400013841 Task Order No. H.012473.6 S.P. No. H.012473.6 F.A.P. No. H012473	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Marconi Dr. Shared-Use Path	\$5
		Contract No.4400013851 Task Order No. H.009308.6S.P. No. H.009308.6 F.A.P. No. H009308	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide New Orleans DPW SRTS Sidewalk Project	\$28,607.67
Michael Baker International, Inc.	CE&/OV	Contract No.4400013851 Task Order No. H.012527.6 S.P. No. H.012527.6 F.A.P. No. H012527	Local Road Safety Upgrade (W. Feliciana) West Feliciana Parish	\$60,083.89
Michael Baker International, Inc.	CE&/OV	Contract No.4400013851 Task Order No. H.013082.6 S.P. No. H.013082.6 F.A.P. No. H013082	Bootlegger Road Sidewalks St. Tammany Parish	\$45,880.16
Michael Baker International, Inc.	ITS	Contract No. 4400011253 S.P. No. H.011500.6	Retainer Contract for Intelligent Transportation Systems (ITS), Lake Charles ITS Phase 3	\$60,473
Michael Baker International, Inc.	ITS	Contract No. 4400014845 S.P. No. H.012381.6	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07 Statewide, Fiber Optic Mapping and Management Statewide, Calcasieu Parish	\$24,673



Firm	Past Performance Evaluation Discipline(s)*	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
		Contract No. 4400024424 S.P. No. H.013256	I-10 ITS Scott to Lake Charles	\$69,824
Michael Baker International, Inc.	Road Bridge	Contract No. 4400025026 S.P. No. H.015338 F.A.P. No. H015338	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Supplemental Agreement No. 1	\$1,200,000 \$1,200,000
Michael Baker International, Inc.	Road Bridge	Contract No. 4400021519 S.P. No. H.012030.5 F.A.P. No. H012030	US 371: KCS RR Overpasses HBI	\$279,995 \$279,995
Michael Baker International, Inc.	Road	Contract No. 4400019379 S.P. No. H.013797 F.A.P. No. H013797	LA 30: EBR PL-I-10	\$107,285
	Bridge			\$51,325
	Environmental			\$199,243
Michael Baker International, Inc.	Environmental	Contract No. 4400005484 S.P. No. H.005168 F.A.P. No. DE-9208 (500)	NORG EIS, New Orleans, Louisiana	\$651,241
Michael Baker International, Inc.	Environmental	Contract No. 4400005484 S.P. No. H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana Supplemental Agreement	\$732,824
	Road			\$36,618
Michael Baker International, Inc.	Other (Water Resource)	Contract No. 4400017092 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	\$345,715
Michael Baker International, Inc.	Other (Water Resource)	Contract No. 4400017092 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	\$1,316,892
Michael Baker International, Inc.	Other (Water Resource)	Contract No. 4400017090 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	\$666,577
	Other (Water Resource)	Contract No. 4400017090 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	\$187,388



Firm	Past Performance Evaluation Discipline(s)*	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
	Other (Water Resource)	Contract No. 4400017067 Task Order No. 1	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 1	\$1,888,807
	Other (Water Resource)	Contract No. 4400019130 Task Order No. 1	IDIQ Contract for Statewide Aviation Program Update - Phase II Statewide	\$4,980
	Other (Water Resource)	Contract No. 4400023101 Task Order No. 1 S.P. No. H.015040.1& H.015041.1	IDIQ Contract for Louisiana Watershed Initiative/ State Projects Program (LWI-SPP) - Group 1 Beaugard, Vernon, and St. Landry Parishes	\$393,909
	Other (Water Resource)	Contract No. 4400023101 Task Order No. 2 S.P. No. H.015044.1	IDIQ Contract for Louisiana Watershed Initiative/ State Projects Program (LWI-SPP) - Group 1 Beaugard, Vernon, and St. Landry Parishes	\$218,411
Coastal Environments, Inc	Environmental	Contract No. 4400012084 SPN - H.005121.2	LA 1/LA 415 Connector	\$59,670
Coastal Environments, Inc	Environmental	Contract No. 4400012084 SPN - H.000358.5	US 190@LA 415: Lobdell Interchange	\$107,539
Coastal Environments, Inc	Environmental	Contract No. 4400012084 SPN - H.003931	16CU128 Site Delineation and Vibracoring	\$53,640
Coastal Environments, Inc	Environmental	Contract No. 4400005787 SPN - H.005720.2	Florida Avenue Expressway	\$60,980
Coastal Environments, Inc	Environmental	Contract No. 4400007959 SPN - H.008915.2	LA 3234 Extension from LA 1065 to Hammond Airport	\$798
Coastal Environments, Inc	Environmental	Contract No. 4400007175 SPN - H.011328.2	I-49 South Ricohoc to Berwick	\$336,188
Vectura Consulting Services, LLC	Traffic	Contract No. 4400017293	I-20: LA 544 Overpass Replacement	\$120,664



Firm	Past Performance Evaluation Discipline(s)*	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
		SPN - H.010616		
Vectura Consulting Services, LLC	Traffic	Contract No. 4400005484 SPN - H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	\$51,079
Vectura Consulting Services, LLC	Traffic	Contract No. 4400005484 SPN - H.005168.2	New Orleans Rail Gateway Avondale EA	\$144,494
Vectura Consulting Services, LLC	CE&I	Contract No. 4400020018 SPN - H.007160	EBR Computerized Traffic Signal, Ph VB	\$49,600
Vectura Consulting Services, LLC	Traffic	SPN - H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	\$14,740
Vectura Consulting Services, LLC	Traffic	Contract No. 4400021519 SPN - H.012030.5	KCS RR Overpasses HBI	\$28,026
Vectura Consulting Services, LLC	ITS	Contract No. 4400016364 SPN - H.011504.5	Alexandria ITS Phase 2	\$54,179

section 20

certification/licenses





BRANDON DEJEAN, PE, PTOE

Transportation Professional Certification Board, Inc.

certifies that

Brandon Scott DeJean

*has met all of the requirements established by the Certification Board
to use the title of*

Professional Traffic Operations Engineer

unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 4721 issued in Washington, DC, USA

12/09/2019

Diane W. Morabito
Diane W. Morabito
Chair



PROFESSIONAL TRAFFIC
OPERATIONS ENGINEER


Jeffrey F. Paniati
Jeffrey F. Paniati
Executive Director



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Brandon Scott DeJean
8440 Jefferson Highway, Suite 400
Baton Rouge, Louisiana 70809

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Brandon Scott DeJean	
License/Certificate Type - Number	Expiration Date
PE.0037234	09/30/2024
Status: Active	

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Fold Here

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

Certificate of Completion

presented to

Brandon DeJean

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 1, 2019
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 2.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Brandon DeJean

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 1, 2019
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Brandon DeJean

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: July 2, 2019
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3.5



Authorized Instructor



Authorized Instructor



Authorized instructor





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brandon DeJean

has attended

Traffic Control Technician-LA State Specific

Training Course

9/13/2022 to 9/13/2026
Training Valid Through

Monroe, LA
Location

Ramona Smith
Director of Training

Alan Tetachuk
President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brandon DeJean

has attended

Traffic Control Supervisor-LA State Specific

Training Course

9/14/2022 to 9/14/2026
Training Valid Through

Monroe, LA
Location

Ramona Smith
Director of Training

Alan Teichner
President, CEO

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



American Traffic Safety Services Association ATSSA.com



TODD LONG, PE, PTOE

Transportation Professional Certification Board Inc.

certifies that

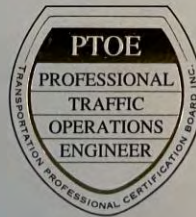
Todd Huey Long

*has met all of the requirements established by the Certification Board
to use the title of*

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

*Unless withdrawn by the Certification Board, this certificate number 1030
issued in Washington, D.C. is subject to the provisions for renewal
November 6, 2008*

Steven D. Hofener
Chair




Deanna M. Johnson
Executive Director



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Todd Ivey Long
2450 Commerce Avenue, Suite 100
Duluth, Georgia 30096

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
	Mr. Todd Ivey Long License/Certificate Type - Number Expiration Date PE.0043910 03/31/2024 Status: Active
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

Fold Here →

← Cut Here

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.



KARA MOREE, CFM



U.S. Department
Of Transportation
Federal Highway
Administration

National Highway Institute



NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Certificate of Training

Kara Knott

has participated in

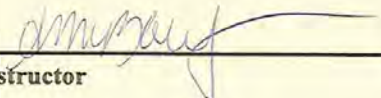
NEPA and Transportation Decision Making

hosted by
LA DOTD/LTRC

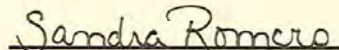
Date: March 18-20, 2008

Hours of Instruction: 18

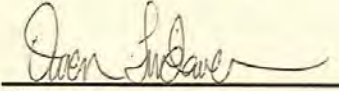
Location: Baton Rouge, LA



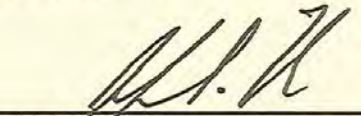
Instructor



Sandra Romero
Local Coordinator



Instructor



Joseph S. Toole, Associate Administrator
Office of Professional and Corporate Development

Certificate of Completion

presented to

Kara Moree

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 2


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Kara Moree

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3.5


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Kara Moree

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3


Authorized Instructor


Authorized Instructor


Authorized instructor





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kara Moree

has attended

Traffic Control Technician-LA State Specific

Training Course

9/13/2022 to 9/13/2026
Training Valid Through

Monroe, LA
Location

A handwritten signature in black ink, appearing to read "Ramona Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alan Tebbel".

President, CEO

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



American Traffic Safety Services Association ATSSA.com



ROBINSON NICOL, PE, PTOE

Transportation Professional Certification Board, Inc.

certifies that

Robinson P. Aicol

*has met all of the requirements established by the Certification Board
to use the title of*

Professional Traffic Operations Engineer

unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 4070 issued in Washington, DC, USA

7/18/2016


Kenneth W. Ackeret
Chair




Jeffrey F. Paniati
Executive Director

Congratulations!

Robinson Nicol

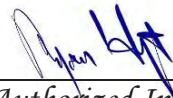
You have completed

Traffic Engineering Analysis Process & Report Class

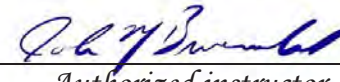
Modules 1, 2 & 3

Date: February 1-2, 2023
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 8.50



Authorized Instructor



Authorized instructor





PROVIDENCE


CERTIFICATIONS



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 2/21/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. R. Adam Davis
260 South Club Avenue
St. Gabriel, Louisiana 70776

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. R. Adam Davis	
License/Certificate Type - Number	Expiration Date
PE.0034767	09/30/2023
Status: Active	
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

Cut Here

Fold Here

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

If you need to make changes to your contact information, please choose one of the following options below:

Contact update for [Individuals and Firms](#)

License/Certificate Types:

EF = Engineering Firm

VF = Land Surveying Firm

CPD = Continuing Professional Development Sponsor/Provider

*PE = Professional Engineer

*PLS = Professional Land Surveyor

*EI = Engineer Intern

*LSI = Land Surveyor Intern

*PE Discipline Codes

AG	Agricultural	ME	Mechanical
AR	Architectural	MI	Mining or Mineral
CH	Chemical	MT	Metallurgical
CE	Civil	MU	Manufacturing
CS	Control Systems	NV	Naval Architecture & Marine
EE	Electrical & Computer	NU	Nuclear
EV	Environmental	ST	Structural *
FP	Fire Protection	PT	Petroleum
IE	Industrial		
<p>* An engineer that has passed the Structural I exam is listed as a Civil Engineer. An engineer that has passed both the Structural I and II exams is listed as Structural (ST) and a Civil (CE) Engineer.</p>			

Certificate of Professional Development Hours

presented to

Adam Davis

for attending the

Highway Safety Manual Workshop

12 PDHs

on

May 2-3, 2013

Baton Rouge, Louisiana


Authorized By



Research, Technology Transfer, Education and Training





U.S. Department
Of Transportation
Federal Highway
Administration

National Highway Institute

Certificate of Training

Adam Davis



NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

has participated in

NHI Course No. 142005 - NEPA and Transportation Decision Making

hosted by

LA DOTD/LTRC

Date: April 10-12, 2012

Hours of Instruction: 18

Location: Baton Rouge, LA

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

Certificate of Attendance

presented to

Kerry Oriol

for attending the

*National Environmental Policy Act (NEPA)
and Transportation Decision Making*

and for having been awarded 18 Professional Development Hours

December 3- 5, 2002

Date

Baton Rouge, LA

Location

Sandra Romero

Authorized By

LTRC

Louisiana Transportation Research Center



***Society of Wetland Scientists
Professional Certification Program, Inc***

grants the designation

Professional Wetland Scientist

For

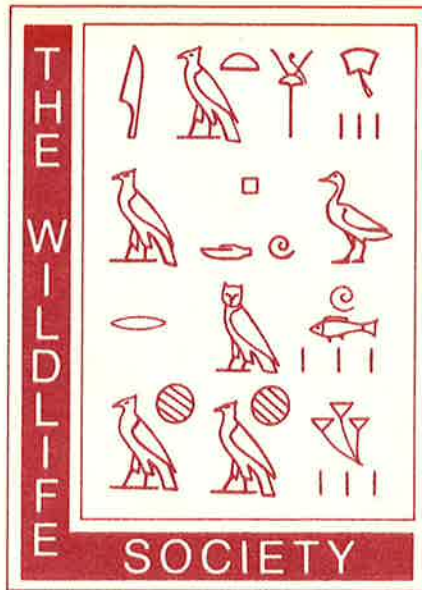
Paul Clifton

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 1/9/2021.
Professional Wetland Scientist number 3326. Due to recertify by 1/9/2026.



Kimberli J. Ponzio, PWS
President

Robert D. Shannon, Ph.D., PWS
Review Panel Chair



The Wildlife Society

INCORPORATED IN WASHINGTON, D.C.

grants the designation

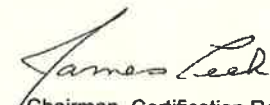
Associate Wildlife Biologist


to

Timothy C. Kimmel

for fulfilling the educational requirements approved by The Wildlife Society and verified by the Society's Certification Review Board. This designation is valid for 10 years, beginning this 18th day of May 2011, provided membership in the Society remains in good standing.


President, The Wildlife Society


Chairman, Certification Review Board


Executive Director, The Wildlife Society

Michael Baker
I N T E R N A T I O N A L

DANIEL THORNHILL, PE



U.S. Department
Of Transportation
Federal Highway
Administration

National Highway Institute



NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Certificate of Training

Daniel Thornhill

has participated in

**NHI Course No. 142005 –
NEPA and Transportation Decision Making**

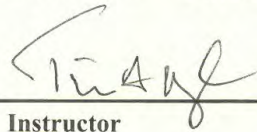
hosted by

LA DOTD/LTRC

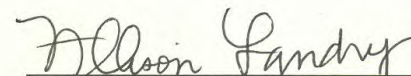
Date: January 10-12, 2012

Hours of Instruction: 18

Location: Baton Rouge, LA




Instructor



Local Coordinator



Instructor



Richard Barnaby, Director
National Highway Institute



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Daniel Thornhill

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Baton Rouge, LA
Location

A handwritten signature in black ink, appearing to read "Lange Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alex Teichner".

President, CEO

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



American Traffic Safety Services Association ATSSA.com

TEMPORARY CERTIFICATE IS AWARDED TO

DANIEL THORNHILL

**Has successfully completed a flagger training course meeting the
requirement of the**

**LOUISIANA DEPARTMENT OF TRANSPORTATION
& DEVELOPMENT**

on the following date

MAY 26, 2023

This certificate is valid for 30 days from completion date

with a government issued photo ID.

Verify this certificate against the information online use the code below to view certificates

190-57-93727

Enter the code to verify this certificate is an original at

<https://process.onlineflagger.com/duplicate>

Michael Baker
I N T E R N A T I O N A L

BRANDON PITRE, PE



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brandon Pitre

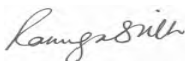
has attended


Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Baton Rouge, LA
Location


Director of Training


President, CEO

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

This certificate provides proof of training, not certification.



American Traffic Safety Services Association ATSSA.com



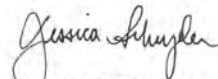
Dear Certified Flagger:

Enclosed, please find your card signifying you as a Certified ATSSA Flagger. This card should be carried and presented to employers while performing work on our roadways. Please be aware that the card is not valid without a Photo I.D.

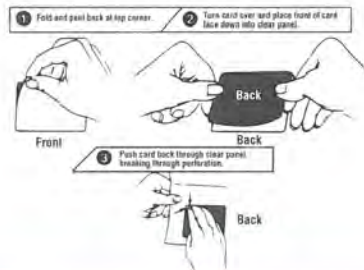
American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any changes in name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses or for any of our products created for use in a work zone.

Sincerely,


Director of Training

Laminating the front of your card with Dual Laminate:



American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: October 7, 2020
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 2.5


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: October 7, 2020

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 8, 2020
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3.5


Authorized Instructor


Authorized Instructor


Authorized instructor





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

National Highway Institute



Certificate of Training

BRANDON PITRE

has participated in

***FHWA-NHI-142005 NEPA and the
Transportation Decisionmaking Process***

hosted by

LA DOTD/LTRC

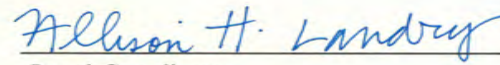
Date: August 10-12, 2022

Hours of Instruction: 18

Location: Baton Rouge, LA



Instructor



Local Coordinator

Instructor

Thomas Harman

Thomas Harman, Director
National Highway Institute

Michael Baker
I N T E R N A T I O N A L

CHRIS GESING, PE

Certificate of Attendance

presented to

Christopher G. Gesing

for attending the

*National Environmental Policy Act (NEPA)
and Transportation Decision Making*

and for having been awarded 18 Professional Development Hours

December 3- 5, 2002

Date

Baton Rouge, LA

Location

Sandra Romero

Authorized By

LTRC

Louisiana Transportation Research Center



CERTIFICATIONS



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

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

Your certification is renewed through 9/9/2024.

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

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

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

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

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

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

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

Sincerely,

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

Transportation Professional Certification Board Inc.



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

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

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

Your certification is renewed through 2/3/2025.

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

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

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

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

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

Sincerely,

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

Laurence Lambert

From: Reece Rodrigue
Sent: Friday, June 10, 2022 8:55 AM
To: Laurence Lambert
Subject: FW: TPCB Renewal Approval Notice

See renewal notice below.

Reece Rodrigue, PE, PTOE
Vectura Consulting Services, LLC
m. 504.421.2782

From: info@ite.org <info@ite.org>
Sent: Friday, May 6, 2022 8:20 AM
To: Reece Rodrigue <rrodrigue@vecturacs.com>
Subject: TPCB Renewal Approval Notice

Transportation Professional Certificatic

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

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

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

Your certification is renewed through 7/17/2025.

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

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

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

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly

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

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

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

Sincerely,

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

Transportation Professional Certification Board Inc.

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



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

Dear Mrs. Farrington,

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

Your certification is renewed through 3/26/2026.

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

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

Sincerely,

A handwritten signature in blue ink that reads "Joseph C. Balskus". The signature is written in a cursive style with a large, prominent initial "J".

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

Transportation Professional Certification Board Inc.

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



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

Dear Mrs. Robicheaux,

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

Your certification is renewed through 3/26/2026.

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

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

Sincerely,

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

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 4



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 4



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 2



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 2



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

*Professional Development
Hours (PDHs) Awarded:* 2.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Bridget Robicheaux

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

*Professional Development
Hours (PDHs) Awarded:* 2.5



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Bridget Robicheaux

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Bridget Robicheaux

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 18, 2018
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 3



Authorized Instructor



Authorized Instructor



Authorized instructor






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mrs. Sheelagh Brin Ferlito
2512 Tiger Crossing Drive
Baton Rouge, Louisiana 70810

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mrs. Sheelagh Brin Ferlito		
License/Certificate Type - Number	Expiration Date	
PE.0025383	09/30/2023	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer


All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Laurence Lucius Lambert II
P. O. Box 14269
Baton Rouge, Louisiana 70898

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
	Mr. Laurence Lucius Lambert II	
License/Certificate Type - Number	Expiration Date	
PE.0029901	03/31/2024	
Status: Active		

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mrs. Kristen Gahagan Farrington
4004 Hastings Street
Metairie, Louisiana 70002

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mrs. Kristen Gahagan Farrington		
License/Certificate Type - Number	Expiration Date	
PE.0042785	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Reece Joseph Rodrigue
6158 Catina Street
New Orleans, Louisiana 70124

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Reece Joseph Rodrigue		
License/Certificate Type - Number	Expiration Date	
PE.0042074	03/31/2024	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Bridget Scheyd Robicheaux
6410 Louis XIV Street
New Orleans, Louisiana 70124

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
	Ms. Bridget Scheyd Robicheaux	
License/Certificate Type - Number	Expiration Date	
PE.0041272	03/31/2025	
Status: Active		

Instructions: An arrow labeled "Cut Here" points to the right edge of the top section. An arrow labeled "Fold Here" points to the left edge of the bottom section.

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

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section 21

qa/qc plan



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



section 22

sub-consultant information

**22. Sub-consultant Information:**

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
Providence Engineering and Design, LLC	1201 Main Street, Baton Rouge, LA 70802	Adam Davis, PE adamdavis@providenceeng.com	(225) 766-7400
Michael Baker International, Inc.	2600 Citiplace Drive, Suite 450, Baton Rouge, LA 70808	Daniel Thornhill, PE daniel.thornhill@mbakerintl.com	(225) 218-2846
Coastal Environments, Inc.	1260 Main Street, Baton Rouge, LA 70802	David Kelley, PH.D dkelley@coastalenv.com	(225) 223-8771
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito, PE, PTOE bferlito@vecturacs.com	(225) 223-6685



section
23

location



23. Location: