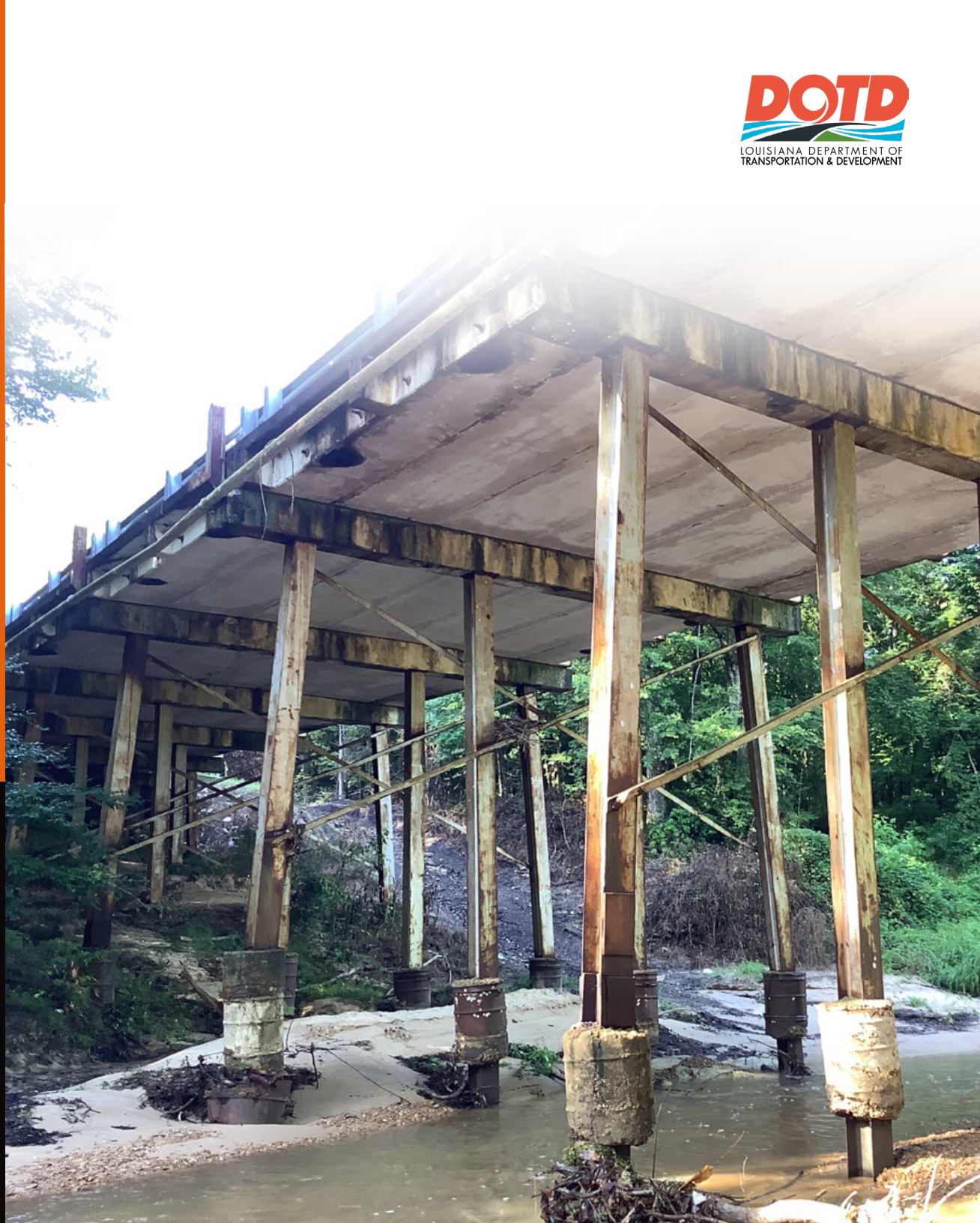


IDIQ Contracts for Environmental Services

Statewide

Contract Nos.
4400035710 and 4400035711
Advertisement Date: July 6, 2026
Submittal Date: July 28, 2026

 **ARCADIS** In partnership with:



Tuesday, July 28, 2026

Louisiana Department of Transportation and Development
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802-4438

Subject: **Contract Nos. 4400035710 and 4400035711, IDIQ Contracts for Environmental Services – Statewide**



Arcadis U.S., Inc.
6100 Corporate Blvd Suite 325
Baton Rouge, LA 70808
Phone: 225 292 1004
Fax: 225 218 9677
www.arcadis.com

Dear Project Evaluation Team,

Arcadis is pleased to submit our qualifications for DOTD's Environmental Services Statewide IDIQ contracts. We appreciate the opportunity to support DOTD's mission of delivering transportation improvements that enhance safety, mobility, and quality of life throughout Louisiana while meeting the complex environmental requirements necessary to advance projects from planning through delivery.

Arcadis understands that DOTD requires a consultant capable of delivering the **full suite of technical services necessary to comply with NEPA** and related laws, regulations, and executive orders. Our approach combines **proven DOTD NEPA experience**, technical expertise, proactive coordination, and rigorous quality management to efficiently deliver concurrent task orders throughout Louisiana. Drawing from our experience completing environmental studies, permitting, public involvement, traffic analyses, alternatives development, and NEPA documentation for DOTD and other transportation agencies, we have assembled a multidisciplinary team capable of **supporting all work categories identified under this Environmental Services IDIQ**.

A key differentiator of our team is our commitment to **proactive project management and schedule control**. We begin each task order by evaluating project complexity, environmental constraints, permits, and NEPA requirements to develop a tailored work plan, assign the most qualified staff, and establish achievable schedules. Our team is committed to supporting DOTD's environmental delivery goals by advancing studies where feasible, identifying risks early, maintaining proactive agency coordination, and implementing a disciplined QA/QC process that ensures **technically sound, defensible deliverables**.

We also recognize DOTD's continued efforts to advance its environmental program and prepare for future NEPA assignment responsibilities. Arcadis brings experience developing environmental procedures, guidance documents, and programmatic approaches that streamline coordination, improve consistency, and support efficient project delivery. Our team stands ready to serve as a responsive and trusted partner for both project-level environmental services and programmatic support throughout the five-year contract term.

Thank you for your consideration of the Arcadis Team. We look forward to the opportunity to partner with DOTD to deliver responsive, innovative, and high-quality environmental solutions that help advance projects across Louisiana.

Sincerely,

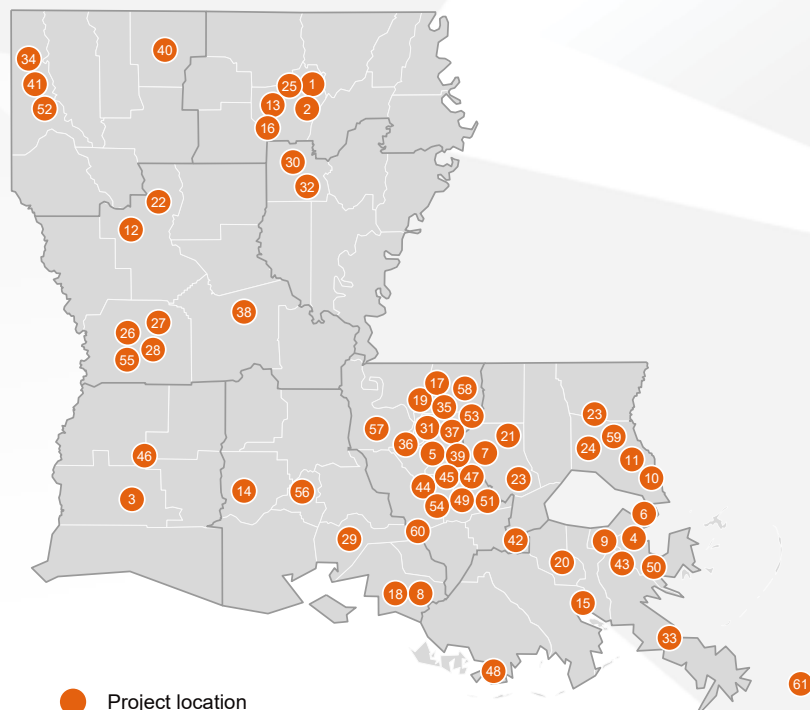
A handwritten signature in blue ink, appearing to read 'Jason Morrell'.

Jason Morrell, PWS
Project Manager

SECTIONS

1-11

With an unparalleled track record across Louisiana, our Arcadis Team has delivered more EAs, EISs and other NEPA documents in Louisiana than any other consultant. Our depth of experience ensures a proven, efficient, and compliant approach to environmental documentation statewide. This map illustrates our longstanding partnership with Louisiana agencies and our leadership in environmental compliance. Our experience—spanning dozens of NEPA, EA and EIS projects statewide—translates into faster reviews, fewer delays, and successful project outcomes for Louisiana's transportation infrastructure.



Arcadis:

1. Ouachita River Bridge and US 165 Connector EIS, Ouachita Parish
2. Kansas Lane Connector EIS, Ouachita Parish
3. I-210 Cove Lane/ Nelson Rd. EA, Calcasieu Parish
4. Florida Avenue EA, Orleans & St. Bernard Parish
5. Dijon Extension EA, East Baton Rouge Parish
6. Chef Menteur Pass EA, Orleans Parish
7. Pete's Highway (LA 16) and I-12 Interchange EA, Livingston Parish
8. I49 SEIS, Richcote and Berwick, St. Mary Parish
9. Canal Boulevard Streetcar Terminal EA, Orleans Parish
10. US 11/Norfolk Southern RR Overpass, St. Tammany Parish
11. LA 434 EA, St. Tammany Parish
12. El Camino East/ West Corridor Environmental Assessment, Natchitoches Parish
13. Kansas Lane - Garrett Road Connector EA, Ouachita Parish
14. I-10 Grand Prairie Highway Interchange & Frontage Road EA, Acadia Parish
15. I-49 South Raceland to Westbank Expressway EIS, SIU Jefferson, Lafourche and St. Charles Parishes
16. I-20 - Garrett Road EA / IMR And Roundabout Analysis, LADOTD; Ouachita Parish

The Lakvold Group, LLC:

17. Perkins Road- Siegen Lane to Highland Road, East Baton Rouge Parish
18. US 90 (Future I-49) La 318 Interchange, St. Mary Parish
19. Old Hammond Highway (LA 426) Segment 1, East Baton Rouge Parish
20. I-10/Loyola Interchange Improvements, Jefferson Parish
21. LA 447 Corridor Study, Route LA 447, Livingston Parish, LA
22. Cane River Bridge Church Street, Route LA 1-X, Natchitoches Parish
23. LA 16 to Juban Crossing, Livingston Parish
24. US 90 Pearl River Bridges, Route US 90, St. Tammany Parish
25. US 80 Widening: Vancil Road to Well Road, Ouachita Parish

GSRC:

26. EA Geronimo Drop Zone Fort Polk, Louisiana
27. EA Kurthwood and Simpson Training Areas (JRTC) and Fort Polk, Louisiana
28. EA for the Rotational Unit Billeting Area (RUBA) In the Slagle 1 Training Area, (JRTC) and Fort Polk, Louisiana
29. EA Breeding Runs at the University of Louisiana-Lafayette New Iberia Research Center

30. EA Louisiana Green Fuels Bio-Refinery, Caldwell Parish, Louisiana
31. EA Louisiana Correctional Institute for Women, St. Gabriel, Louisiana
32. EA Louisiana Green Fuels Bio-Refinery, Caldwell Parish, Louisiana
33. Environmental Investigations and NEPA Compliance Documentation, New Orleans to Venice Hurricane Protection System, Plaquemines Parish, Louisiana

Franklin Associates:

34. 261-49 Inner City Connector, Shreveport, LA
35. I-10 BR Widening, Baton Rouge, LA
36. LA 415 to LA 1 Connector, West Baton Rouge Parish
37. Mississippi River Bridge South, Baton Rouge, LA
38. Sugarhouse Road, Alexandria, LA
39. Pecue Lane Improvements, Baton Rouge, LA
40. NLCOG Rail Study, North Louisiana
41. LA 3132 Connector, Shreveport, LA
42. NEPA generally (followed NEPA public engagement processes)
43. Belle Chasse Bridge & Tunnel Replacement, Belle Chasse, LA
44. Iberville Parish Master Plan, Iberville Parish, LA
45. Plan Baton Rouge III, Baton Rouge, LA
46. SWLA Resilience Plan, Southwest Louisiana
47. MOVEBR, Baton Rouge, LA
48. Terrebonne Community Resilience Centers, Terrebonne Parish, LA
49. University Lakes Plan, Baton Rouge, LA
50. Louisiana Housing Corporation: Neighborhood Landlord and Multifamily Restoration Programs, LA Statewide
51. Ascension Parish Transportation Master Plan, Ascension Parish, LA
52. Shreveport MPC Comprehensive Plan Outreach, Shreveport, LA
53. East Baton Rouge Parish Comprehensive Plan Outreach, East Baton Rouge Parish, LA
54. FUTUREBR Outreach, Baton Rouge, LA
55. Vernon Parish Comprehensive Plan, Vernon Parish, LA
56. Moncus Park Master Plan, Lafayette, LA
57. Pointe Coupee Master Plan Outreach, Pointe Coupee, LA
58. East Feliciana Comprehensive Plan Outreach, East Feliciana, LA
59. St. Tammany Environmental Corridor Outreach, St. Tammany Parish, LA
60. Bayou Corne Blue Ribbon Commission Outreach and Facilitation, Bayou Corne, Assumption Parish
61. BP Oil Spill Outreach (5 Gulf Coast States: Florida to Texas)

"You and your people are great to work with, always responsive and helpful to questions from the Board. Thanks to your thorough and methodical work, everyone seems to be pleased with the potential benefits from this critically needed project."

- Dwight Del Vines, Economic Development Officer / City of Monroe, Louisiana I-20 - Garrett Road EA / IMR Project

DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	IDIQ Contracts For Environmental Services Statewide
2. Contract Number(s) as shown in the advertisement	CONTRACT NOS. 4400035710 AND 4400035711
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	 ARCADIS ARCADIS U.S., INC.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0002808 DUNS 057690414
6. Prime consultant mailing address	6100 Corporate Blvd., Suite 325 Baton Rouge, LA 70808
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	6100 Corporate Blvd., Suite 325 Baton Rouge, LA 70808
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Jason Morrell, PWS Project Manager P. 504 648 3617 E. Jason.Morrell@arcadis.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Akhil Chauhan, PE, PTOE, PTP, PMP Senior Vice President P. 225 368 6563 E. akhil.chauhan@arcadis.com

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

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

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.



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

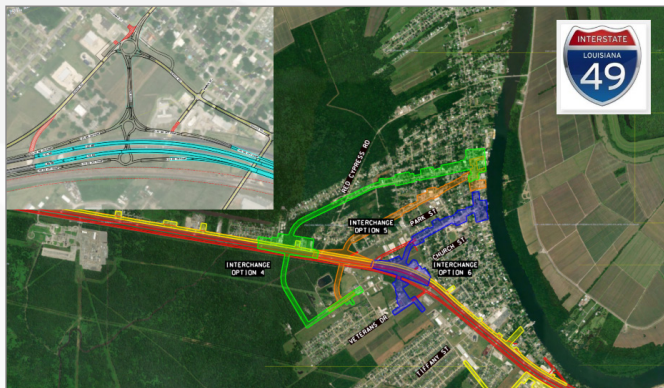
Date: July 28, 2026

Firm(s):

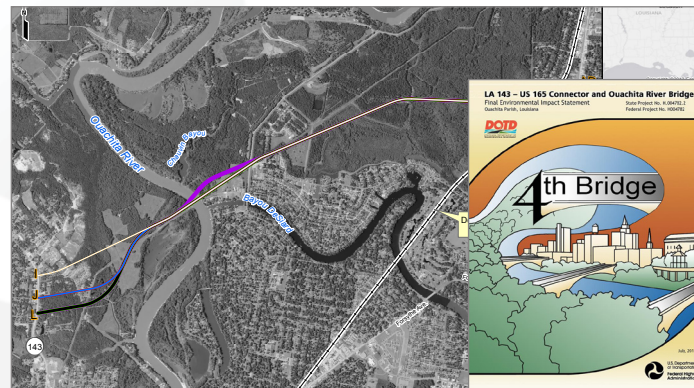
N/A

SECTIONS 12-14

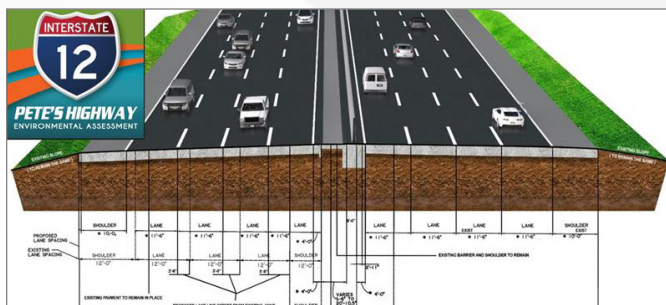
Our extensive project portfolio — some illustrated here — demonstrates why we are Louisiana's most trusted partner for environmental compliance services. No other consultant combines statewide reach with our depth of environmental expertise and commitment to successful project delivery.



I-49 South Richcote to Berwick SEIS



LA 143 - US 165 Connector and Ouachita River Bridge EIS



Pete's Highway (LA 16) and I-12 Interchange EA



US 11 Norfolk Southern Railroad EA



Chef Menteur Bridge and Approaches Environmental Assessment (EA)

"I have just read through this document and want to compliment both of you on the excellent job that you and the project team did! The narrative portion is very detailed, yet written in a manner that lay people can easily understand, and the visuals are very clear and easy to read. I also like the way that you placed all three alternatives side-by-side on the aerial maps, which allows for an easy comparison as you look at each section of the project. I very much appreciate the great job y'all have done with the entire process to this point, and I look forward to the timely completion of the remaining steps in this stage!"

- Nicholas Verret, LA 6 El Camino Corridor Widening EA Project

12 DISCIPLINE TABLE:

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

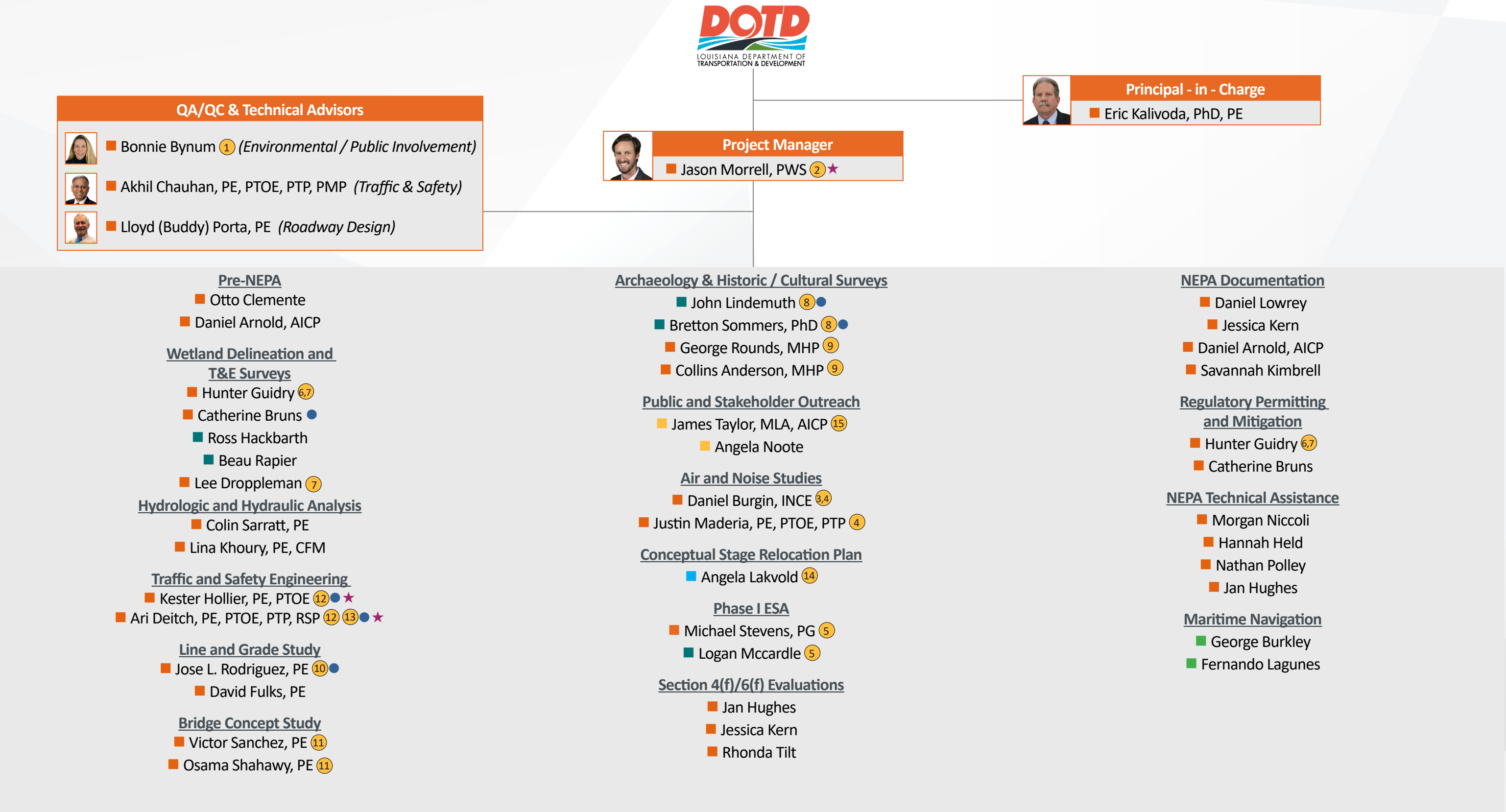
The only past performance evaluation disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). Remove rows as needed.

Discipline(s)	% of Overall Contract	Arcadis	GSRC	LAKVOLD	Franklin	Locus	Each Discipline must total to 100%
Environmental	60%	67%	30%			3%	100%
Traffic	15%	100%					100%
Other (Public Involvement)	10%	15%	5%		80%		100%
Road	8%	100%					100%
Bridge	5%	100%					100%
Appraiser	2%			100%			100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	69.7%	18.5	2.0%	8.0%	1.8%	100%

13 TEAM SIZE:

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract*	Total number of personnel available in this DOTD Job Classification (if needed)
	Archaeologist	0	2
	Biologist/Wetlands	6	8
	Engineer	2	4
	Environmental Manager	1	2
	Environmental Pro	4	8
	Historian	2	4
	Planner	3	5
	Principal	3	3
	Professional	1	1
	Supervisor - Eng	7	7
	Supervisor - Other	2	2
	Archaeologist	3	4
	Biologist/Wetlands	4	8
	Professional	1	1
	Professional	1	3
	Planner	1	3
	Professional	2	3

*For evaluation purposes only, and as referenced in the Scope of Services on page 2 of IDIQ advertisements only, the consultant shall assume the number of concurrently active task orders specified in the advertisement and shall identify the number of committed personnel accordingly.

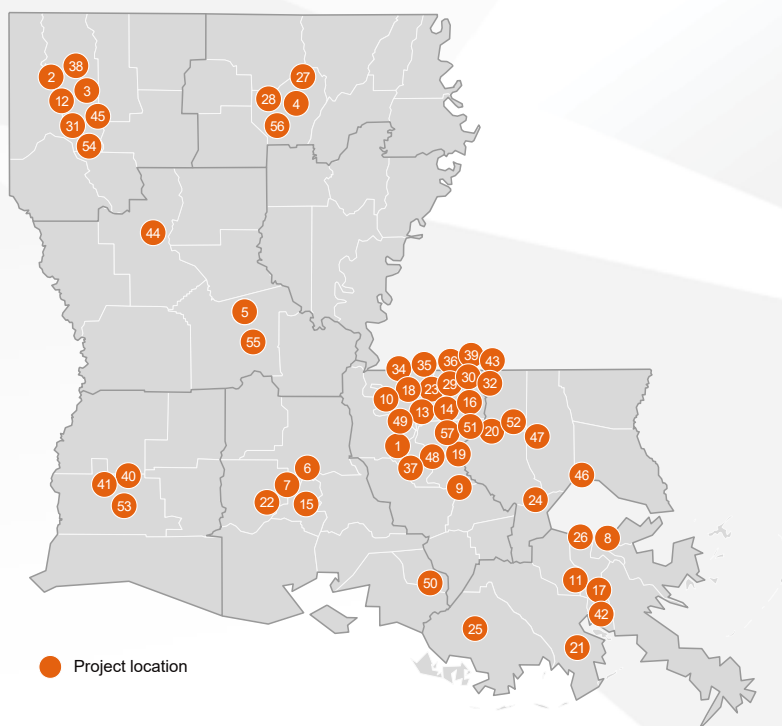


LEGEND

- Workzone ★ TEPR Certificates ① Fulfillment of MPR ■ - ARCADIS ■ - GSRC ■ - Franklin ■ - LAKVOLD Group ■ - Locus

SECTIONS 15-16

The Arcadis Team has provided traffic engineering and travel demand forecasting services for over 50 projects in Louisiana.



Arcadis:

1. US 61 Corridor Traffic / Access Management Study
2. LA 3105 Corridor Traffic Study
3. LA 157 Corridor Traffic Study
4. US 165 Corridor Traffic Study
5. US 71 Corridor Traffic Studies (Phases 1-3)
6. Evangeline Thwy / Johnston St Intersection Study
7. Johnston St / Ambassador Caffery Intersection Study
8. I-10 Hard Shoulder Running (HSR) Traffic Study
9. I-10 (LA 73 to LA 429) Traffic Study
10. Pecue Ln at I-10 Interchange Model Review
11. Loyola Drive at I-10 Interchange Model Review
12. I-20 Mesoscopic Model and TMP
13. I-10 Mesoscopic Model
14. I-10 (LA 415 to Essen Lane) Traffic Data Collection
15. US-90 Signal Timing Upgrades
16. EBR Signal Design and Detection Upgrades
17. New Orleans Pedestrian Safety Study
18. Baton Rouge Ped / Bike Road Safety Assessments
19. Joe Sevario / Roddy Rd Roundabouts Safety Study
20. LA 44 Roundabouts Traffic / Safety Study
21. LA 3235 Corridor Traffic and Safety Study
22. I-49 Interchange Traffic and Safety Study
23. I-12 Hard Shoulder Running (HSR) Study
24. US 61 (Laplace) Corridor Traffic Study
25. LA 3040 Corridor Traffic Study
26. Florida Avenue Expressway Traffic Study
27. LA 594 Millhaven Traffic Study
28. I-20 Frontage Development Traffic Study
29. Burbank Access Management Study
30. Highland-Burbank Connector
31. Cross Bayou Bridge Traffic Study
32. Lee Drive Traffic Study
33. Bluebonnet Blvd Traffic Study
34. Scenic Highway Traffic Study
35. Terrace Avenue Traffic Study
36. I-10 CMAR IMR Traffic Study
37. LA 1 / LA 415 Connector CMAR
38. I-20 / I-220 DB IMR Traffic Study
39. Hooper Road Traffic Analysis
40. I-10 Calcasieu River Bridge P3
41. Broad Street Corridor Study
42. I-10 Master Plan New Orleans Traffic Study
43. Ardenwood Connector Traffic Study
44. Keyser Avenue Traffic and Safety Study
45. District 04 Pedestrian Safety Improvements
46. LA 22 Stage 0 Feasibility Study
47. I-12 at I-55 Interchange Study
48. Thomas Road Traffic Study
49. Flannery Road Traffic Study
50. I-49 SEIS and Traffic Study
51. Emily Drive Intersection Improvements
52. Pete's Highway EA and Traffic Study
53. I-10 Calcasieu River Bridge Demand Forecasting
54. Shreveport MPO MTP / Travel Demand Model Update
55. Alexandria MPO MTP / Travel Demand Model Update
56. Monroe MPO MTP / Travel Demand Model Update
57. Baton Rouge MPO MTP / Travel Demand Model Update

"Arcadis has completed all required data collection and analysis in a timely and organized manner. All analyses submittals have been clear and easy to read/understand with all assumptions stated... Arcadis has provided alternatives that are constructible and make sense. The consultant came over prepared for the Stakeholder and Public meeting. The presentation boards, conceptual alternative layouts, and VISSIM video for the public meeting expertly explained all of the essential points of the study clearly and effectively."

- Czarina Patolicic, LA DOTD Project Manager, LA 3105 Corridor Traffic Study

15 MINIMUM PERSONNEL REQUIREMENTS:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Bonnie Bynum <i>(30 years' experience)</i>	 ARCADIS	-	-	-
2	Jason Morrell, PWS <i>(26 years' experience)</i>	 ARCADIS	PWS No. 2319	USA	04/1/2028
3	Daniel Burgin, INCE <i>(12 years' experience)</i>	 ARCADIS	-	-	-
4	Justin Maderia, PE, PTOE, PTP <i>(18 years' experience)</i>	 ARCADIS	PE.38492 – Civil	LA	03/31/2028
	Daniel Burgin, INCE <i>(12 years' experience)</i>	 ARCADIS	-	-	-
5	Logan Mccardle <i>(16 years' experience)</i>		-	-	-
	Michael Stevens, PG <i>(14 years' experience)</i>	 ARCADIS	PG No. 1268 – Geology	LA	07/17/2027
6	Hunter Guidry <i>(29 years' experience)</i>	 ARCADIS	-	-	-
7	Hunter Guidry <i>(29 years' experience)</i>	 ARCADIS	-	-	-
	Lee Droppleman <i>(25 years' experience)</i>	 ARCADIS	-	-	-

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
8	John Lindemuth <i>(34 years' experience)</i>		Section 106 of the National Historic Preservation Act Training	US	N/A
	Dr. Bretton Somers <i>(19 years' experience)</i>		Section 106 of the National Historic Preservation Act Training	US	N/A
9	George Rounds, MHP <i>(13 years' experience)</i>		-	-	-
	Collins Anderson, MHP <i>(24 years' experience)</i>		-	-	-
10	Jose L. Rodriguez, PE <i>(26 years' experience)</i>		PE. 30492 – Civil	LA	03/31/2027
11	Osama Shahawy, PE <i>(36 years' experience)</i>		PE. 35652 – Civil	LA	09/30/2026
	Victor Sanchez, PE <i>(28 years' experience)</i>		PE. 33976 – Civil	LA	09/30/2026
12	Ari Deitch, PE, PTOE, PTP, RSP <i>(14 years' experience)</i>		PE. 41842 – Civil PTOE: 4346	LA, US	03/31/2028 11/2027
	Kester Hollier, PE, PTOE <i>(>20 years' experience)</i>		PE. 34304 – Civil PTOE: 3928	LA, US	03/31/2027 11/2027
13	Ari Deitch, PE, PTOE, PTP, RSP <i>(14 years' experience)</i>		PE. 41842 – Civil PTOE: 4346	LA, US	03/31/2028 11/2027

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
14	Angela Lakvold <i>(40 years' experience)</i>	 THE LAKVOLD GROUP Commercial Real Estate Appraisers	State Certified General Appraiser #G0575	LA	12/31/2027
15	James Taylor, MLA, AICP <i>(49 years' experience)</i>	 FRANKLIN ASSOCIATES	-	-	-

16 STAFF EXPERIENCE:

Firm employed by. 			Meets MPR No. 2
Name	Jason Morrell, PWS		Years of relevant experience with this employer
Title	Principal Planner		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 1999 / Environmental Economics & Management / University of Georgia		
Active registration number / state / expiration date	Professional Wetland Scientist – #2319 / USA / Exp. 04/2028		
Year registered	2013	Discipline	Wetland Science
Contract role(s) / brief description of responsibilities	Project Manager		
	Mr. Morrell has over 25 years of experience in environmental planning and permitting in the southeastern with over 15 years leading environmental studies for transportation projects and <i>four (4) years managing an Environmental IDIQ contract</i> . Prior to joining Arcadis, he served as a NEPA Planner and Ecologist with the Georgia Department of Transportation (GDOT) evaluating environmental effects and completing permitting and environmental documentation for transportation projects. <i>Jason has managed State DOT contracts with values ranging from \$500 thousand to \$35 million.</i> His area of expertise includes wetland studies, biological assessment, and environmental permitting, with a focus on Clean Water Act Section 404 permitting and Section 7 Endangered Species Act (ESA) consultation. He is experienced working with the Federal Highway Administration (FHWA), US Army Corps of Engineers (USACE), US Fish & Wildlife Service (USFWS), US Coast Guard (USCG), and state resource agencies. Since 2011, Mr. Morrell has worked almost exclusively on transportation projects and is an active member of the Transportation Research Board Committee on Environmental Compliance in Transportation Planning (AEP17).		
	Experience Dates		
02/24 – Ongoing	I-10 Calcasieu River Bridge Public Private Partnership (P3) Project, LADOTD, Calcasieu Parish, LA <i>Environmental Lead</i> for preparation of required environmental permit applications and NEPA re-evaluations for replacement of the I-10 Calcasieu River Bridge and 5.25 miles of interstate improvement along I-10. <i>Led coordination with responsible federal, state, and local agencies</i> throughout the permitting process on behalf of the P3 project team. Completed technical review of permit applications for a <i>USACE Sec 10/404 Clean Water Act Standard Permit, LDEQ Sec 401 Water Quality Certification, USCG Sec 9 Bridge Permit and Navigation Lighting Plan</i> . Completed Quality Assurance review of <i>NEPA Re-Evaluations</i> and technical studies for alternative design advanced by the P3 team.		
04/21 – Ongoing	Rural Bridge Replacement Initiative Phase II – Districts 02, 03, 07, 61, and 62, LADOTD, Multiple Parishes, LA. <i>Project Manager</i> for 16 state projects involving replacement of 29 state highway bridges. Responsible for quality assurance and delivery of <i>Solicitation of Views, Wetland Studies, Categorical Exclusions, and permitting</i> including USACE Nationwide Permits (NWP), Louisiana Department of Natural Resources Coastal Use permits, and local levee board permits		
06/22 – Ongoing	Environmental Support Services - Ecology IDIQ Contract, GDOT, Statewide, GA. <i>Project Manager.</i> Responsible for managing this five (5) year, \$35 million IDIQ contract for staff augmentation and <i>technical assistance</i> . Manage a team of 24 ecologists embedded in the GDOT Office of Environmental Services (OES). Manage a team of ecologists and subconsultants delivering <i>training media, guidance documents, report templates, programmatic agency agreements</i> , and on-call services		

	to the GDOT Ecology Section. Assisted with development of digital solutions to improve program delivery including workload management, conflict of interest, and document review tracking dashboards.
04/25 – Ongoing	LA 1/LA 415 Connector CMAR, LADOTD, West Baton Rouge Parish, LA <i>Project Manager</i> for a new 2.7-mile connector roadway project, consisting of a four (4) lane roadway (LA 415 Connector), interchange modification at I-10 and LA 415, and new LA 415 interchanges at Sun Plus Parkway and LA 1. Responsible for managing traffic engineering and analysis for the entire project and roadway design for select roadway segments. Traffic engineering includes alternative concept review and analysis , safety analysis, signal inventory and design, and transportation management plan.
07/22 – 09/25	I-49 South (Ricohoc to Berwick) SEIS, LADOTD, St. Mary Parish, LA. <i>Project Manager</i> for a Supplemental NEPA Environmental Impact Statement (EIS) for the conversion of a 10-mile segment of US 90 to I-49 from Ricohoc to Berwick in St. Mary Parish. Responsible for managing the multi-disciplinary scope, schedule and budget for all project phases including the traffic, line and grade, and environmental studies. Managed traffic engineering and analysis through DOTD approval of the Traffic Engineering Report including conducting regular meetings with DOTD Traffic Engineering Section.
10/22 - Ongoing	IIJA Off System Bridge Replacements Program – District 02, LADOTD, Multiple Parishes <i>Environmental Lead</i> for replacement of six (6) off-system bridges in LADOTD District 02. Responsibilities include management of environmental services and Quality Assurance review of deliverables for this bridge bundle including Solicitation of Views (SOVs), wetland finding reports, Section 106 National Historic Places Act compliance documentation, and NEPA Programmatic Categorical Exclusions.
04/16 – 06/23	Pete’s Highway Interchange Alternative and Environmental Assessment, LADOTD, Livingston Parish, LA. <i>Ecology Lead.</i> Conducted a wetland delineation and protected species habitat assessment along Range Road in the vicinity of the I-12 interchange for the proposed interchange improvement project. Provided technical review of the Biological Resources and Wetland Findings Report , including required exhibits, in support of the NEPA Environmental Assessment (EA).
09/19 – 06/22	Environmental Support Services IDIQ Contract, GDOT, Statewide, GA. <i>Project Manager and Ecology Lead.</i> Responsible for management of embedded ecology and NEPA staff managing environmental studies on behalf of GDOT, including review of consultant documents. Design and develop of guidebooks and toolkits to update the Environmental Procedures Manual, training materials for contractor prequalification , applications to streamline National Marine Fisheries Service Section 7 ESA and Essential Fish Habitat consultations , and other research initiatives.
11/15 – 12/16	SR 234 at Chickasawhatchee Creek Bridge Replacement, GDOT, Calhoun and Dougherty Counties, GA. <i>Lead Ecologist.</i> Responsible for ecology reporting, Section 404 permitting, and Section 7 Endangered Species Act (ESA) consultation for replacement of SR 234 bridge over Chickasawhatchee Creek north of Leary, GA. Prepared a Biological Assessment for the federally listed mussel species and designated critical habitat including development of special provisions to be included in contract documents for species protection. Based on this Biological Assessment, USFWS issued a Biological Opinion concurring with the recommended biological determination to support project NEPA documentation. Prepared an Individual Section 404 Permit authorized by the USACE for stream and wetland impacts associated with bridge replacement and roadway improvements, including review and coordination of permit drawings.

Firm employed by. ARCADIS			Meets MPR No 1
Name	Bonnie Bynum	Years of relevant experience with this employer	23
Title	NEPA, Permitting & Cultural Resources Group Leader	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization	BS / 1996 / Geology / University of West Georgia		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	QA/QC & Technical Advisor (Environmental / Public Involvement)		
	Ms. Bynum is the National Environmental Policy Act (NEPA), Planning and Natural Resources Department Manager and a Senior Project Manager. Bonnie is responsible for the collaboration and coordination of projects among multiple environmental and engineering disciplines, including ecology and permitting; air quality; traffic noise; cultural resource; and traffic analysis. She manages and prepares environmental impact documents in accordance with NEPA, and leads and develops public outreach programs and meetings. Bonnie has 30 years of experience working with various DOTs across with south, Federal Highway Administrations (FHWA), State Historic Preservation Offices (SHPO), state resource agencies, and the U.S. Army Corps of Engineers (USACE). Certifications/Training include FHWA-NHI NEPA/ Transportation Decision Making; NHI Environmental Justices; National Preservation Institute, Section 106 for Experienced Practitioners; Institute for Participatory Planning and Management Systematic Development of Informed Consent; and Streamlining Section 106 and NEPA.		
	Experience dates	Experience and qualifications relevant to the proposed contract	
	02/24 – Ongoing	I-10 Calcasieu River Bridge Public Private Partnership (P3) Project, LADOTD, Calcasieu Parish, LA <i>Technical Advisor</i> for preparation of required permit applications, modifications, and NEPA Re-Evaluations for replacement of the I-10 Calcasieu River Bridge and 5.25 miles of interstate improvement along I-10. Recommended improvements to meeting management and assisted with development of an environmental tracking tool for the project. Advised the project team on FHWA procedures and documentation requirements under NEPA for re-evaluation of the Environmental Impact Statement (EIS)/Record of Decision (ROD) based on design alternatives advanced by the P3 team.	
	10/22 – Ongoing	IIJA Off System Bridge Replacements Program – District 02, LADOTD, Multiple Parishes <i>Technical Advisor</i> for replacement of six (6) off-system bridges in LADOTD District 02. Advised on environmental mitigation cost estimating, permitting considerations, and environmental budgeting for this DOTD Off-System Bridge Replacement Program.	
	01/19 – 01/23	I-85 Planning and Environmental Linkages (PEL) Study, GDOT, DeKalb and Gwinnett Counties, GA. <i>Environmental Advisor</i> to project team on environmental resources, alternatives, and stakeholder engagement for a complex corridor study that examined the portion of the I-85/I-285 interchange north for 18 miles of congested interstate. Advisory focuses around transportation planning, environmental screening, Planning and Environmental Linkages , stakeholder and public involvement.	
	11/18 – Ongoing	I-285 Westside Express Lanes, GDOT, Fulton and Cobb Counties, GA. <i>Environmental Director</i> overseeing the preparation of an Environment Assessment (EA) for the construction of over 12 miles of managed/tolled lanes along the western segment of I-285. The project will also include the reconstruction of five interchanges. The corridor is flanked with over 60 Waters of the US, a major river crossing, two railroads, and major utilities. Bonnie has assisting in the stakeholder engagement, social media, and virtual public involvement open house. The current schedule anticipates an approved EA in late 2027.	

03/18 – 07/20	SR-396 Saturn Parkway Extension DB, TDOT, Michael Baker International, Maury County, TN. <i>NEPA Lead</i> responsible for preparing the approved Categorical Exclusion Re-evaluation for construction of a new location roadway creating a direct route from I-65/SR 396 to SR 247 allowing direct access of truck traffic to General Motors plant. The Contractor proposed an Alternative Technical Concept (ATC) that was accepted by TDOT. The ATC and project final design will now relocate several hundred feet of a USACE jurisdictional stream and require on-site mitigation. Extensive permitting including NOIs, Section 404 permitting, Steam Buffer Variance, and a SWIPP were required.
06/16 – Ongoing	I-285/SR 400 Interchange Environmental Assessment, GDOT, Fulton County, GA. <i>Quality Control Manager</i> for a fast-track Environmental Assessment (approved by FHWA in 12 months) for the reconstruction of the I-285/SR 400 interchange and the construction of CD lanes along I-285 for approximately 4.5 miles. Technical expertise was used to minimize impacts within a project area that included 20 historic resources/districts, 31 waters of the U.S., an environmental justice community, and a public park. Detailed indirect and cumulative effects analysis and an Individual Section 404 permit were required. Currently overseeing re-assessment/re-evaluation efforts associated with design changes by the Design–Build contractor.
09/15 – 12/17	I-285 at Riverside Drive Interchange Roundabout, GDOT, Fulton County, GA. <i>Environmental lead</i> for safety improvements converting existing signalized intersection at ramp terminals of I-285 with Riverside Drive into single-lane roundabouts. The roundabout configuration improved interchange safety without widening the existing bridge. Bonnie led the preparation of a NEPA Categorical Exclusion as well as extensive environmental research to accommodate right-of-way (ROW) and historical properties in the project area. Post-let, Bonnie worked with GDOT to prepare Environmental Re-evaluation to incorporate design changes resulting from final design and ROW negotiations. The project is open to traffic.
12/16 – 10/17	I-75 Commercial Vehicle Lanes (CVLs) Scoping Phase, GDOT, Monroe/Lamar/Butts/Spalding/Henry Counties, GA. <i>Environmental Manager</i> responsible for overseeing the screening of environmental constraints for three concept alternatives for CVLs along a 40-mile corridor of I-75. Guided subconsultant environmental staff on what to screen for, what databases to research, how to work with engineering staff to develop an environmental constraints map and identify environmentally sensitive resources that must be avoided. Additionally, Bonnie worked with her own staff to develop a project justification statement and Purpose and Need Statement to support improved mobility within the I-75 corridor.
06/16 – 03/18	I-16/I-95 Interchange Widening, GDOT, Chatham County, GA. <i>NEPA Lead.</i> Overseeing preparation of Categorical Exclusion (CE) document for I-16 widening between I-95 and I-516, as well as reconstruction of the I-16/I-95 interchange. Successfully provided justification and worked with GDOT and PMC to receive FHWA concurrence to reduce NEPA class of action from an EA to a CE in a corridor that involves five historic canals, a community highly concerned with noise impacts, and extensive waters of the U.S. The project has been let to construction.
10/17 – Ongoing	Kennesaw Mountain Pedestrian Improvement, GDOT, Cobb County, and City of Marietta, GA. <i>Environmental Quality Manager.</i> Responsible for the Environmental Assessment / Finding of No Significant Impact (FONSI) and environmental re-evaluation for an approximately 7-mile multi-use trail. The project was delivered in partnership with the National Park Service, GDOT, Cobb County, and the City of Marietta. Arcadis was responsible for public involvement management and served as agency liaison. The EA was written with specific NEPA requirements of FHWA/GDOT but also included NPS requirements specific to Director’s Order (DO)-77-1, which speaks to NPS requirements for wetland and stream delineations. Once FHWA/GDOT approved the document, Arcadis prepared a separate NPS FONSI and Impairment Statement that adopted the FHWA/GDOT EA. The project has been awarded and construction is underway.

Firm employed by.



Name	Akhil Chauhan, PE, PTOE, PTP, PMP		Years of relevant experience with this employer	17
Title	Principal Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			MS / 2003 / Transportation Engineering, Massachusetts Institute of Technology BS / 2001 / Civil Engineering, Indian Institute of Technology	
Active registration number / state / expiration date			PE. 0033703 / LA / Exp. 09/2026; PTOE 2544 / USA / Exp. 11/2026 PTP 246 / USA / Exp. 12/2027; PMP 1444676 / USA / Exp. 08/2026	
Year registered	2008	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			QA/QC & Technical Advisor (Traffic & Safety)	
		Mr. Chauhan is a Principal Engineer with 22 years of applied research and industry experience in transportation planning and design. Akhil has successfully led, managed, and mentored numerous transportation improvement projects for public agency clients located across the nation including several state Departments of Transportation. Projects include transportation planning and feasibility studies, NEPA environmental studies, and large scale design projects including alternative delivery (CMAR, Design Build, P3).		
Experience Dates		Experience and qualifications relevant to the proposed contract		
04/13 – 10/20		LADOTD, US 11 Railroad Bridge Replacement and Corridor Improvements Environmental Assessment, St. Tammany Parish. <i>Principal Engineer.</i> Responsible for crash analysis, operating speed tabulations, intersection and corridor analysis, line and grade and public outreach for the proposed widening of US 11 between US 190 (Gause Boulevard) and I-12 in Slidell. Proposed improvements include the replacement of a bridge crossing the Norfolk Southern Railroad. Critically, this project includes analysis of several innovative alternatives for the proposed corridor, including “superstreets” and J-turn concepts.		
11/20 – Ongoing		LADOTD, I-10 CMAR, East Baton Rouge Parish, LA. <i>Principal Engineer.</i> Responsible for technical advisory and QA/QC of all traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports , and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.		
01/14 – Ongoing		Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Denham Springs, LA. <i>Principal Engineer.</i> Responsible for contract management and deliverables for the project which included traffic and safety analysis, signal timing and warrant analysis, alternative screening and analysis , preliminary roadway and bridge design, line and grade, Interchange Modification Report, and Environmental Assessment. Purpose of the project is to improving operations and safety along Range Avenue.		
04/16 – Ongoing		LADOTD, Florida Avenue Environmental Assessment, Orleans Parish, LA. <i>Principal Traffic Engineer.</i> Responsible for QA/QC and documentation for the project that includes traffic, environmental, line and grade, and public outreach and involvement services for one of the last projects funded by Louisiana’s TIMED Program. The project traverses post-Katrina re-development areas in both Orleans and St. Bernard Parishes. Key considerations include the type and height of the bridge and controlling		

	truck traffic diversion through neighborhoods. Using the New Orleans Regional Planning Commission's SELATRAM travel demand model (TDM), Arcadis coded alternatives for a comparative analysis of partial and full build scenarios .
05/19 – 11/22	I-20/I-220 Interchange Improvements and BAFB Access Design-Build, LADOTD, Bossier Parish, LA. Principal Engineer. Responsible for overseeing the development of addendum to Interchange Modification Report, Transportation Management Plan, temporary sign timing and design plans, Temporary Traffic Control Plans, and Permanent Signing Plans to accommodate the design and construction of the project. The design-build project includes the modification of the existing interchange at I-20/I-220 with additional ramps and extension of I-220 to provide access to Barksdale Air Force Base.
12/13 – 06/15	LA 3235 Corridor Safety Improvements, LADOTD, Lafourche Parish, LA. Project Manager and Principal Engineer. Responsible in the preparation of a formal traffic and access management Stage 0 study, in accordance with LADOTD Stage 0: Manual of Standard Practice, that analyzed alternatives and enhanced mobility and safety on LA 3235. Main tasks included traffic data collection, warrant studies, traffic analysis, safety analysis, design development, and public outreach . Intersections found to warrant signalization were also modeled in unconventional designs including U-turns, J-turns, and RCUTs. A cost estimate and conceptual layout drawings were also produced.
02/23 – 05/24	District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. Principal Engineer & Technical Advisor. Responsible for contract management and technical advisory for this Stage 0 Feasibility study to develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish. The study methodology was similar to that of a Road Safety Assessment, and included historical crash analysis and on-site field reviews to identify pedestrian safety needs. Countermeasures were developed in close coordination with project stakeholders including City of Bossier, City of Shreveport, NLCOG, Downtown Development District, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documented in a Stage 0 Feasibility Reports were completed for all 7 study corridors with Preliminary Scope and Budget Checklist and Environmental Checklist. Benefit-cost analysis was provided to aid in prioritizing the implementation of countermeasures.
04/16 – 10/19	I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Principal Engineer. Responsible for contract management and technical advisory of project tasks. Arcadis researched best practices around the country to develop potential alternatives. Highway Safety Manual methods were applied to quantify the safety performance of proposed alternatives. Traffic analysis was performed using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Conceptual drawings and construction cost estimates were developed to evaluate the feasibility of proposed alternatives.
02/17 – 02/18	I-49 Interchange Safety Improvements, LADOTD, Lafayette Parish, LA. Principal Engineer. Responsible for contract management and technical advisory for project tasks including data collection and analysis, traffic and safety analysis, and conceptual design drawings. Purpose of the project was to identify feasible improvement alternatives to address historical safety issues along the I-49 corridor and at 3 interchanges. Participated with meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions .

Firm employed by.



Name	Lloyd "Buddy" Porta, Jr., PE	Years of relevant experience with this employer	13
Title	Principal Engineer	Years of relevant experience with other employer(s)	37
Degree(s) / Years / Specialization	BS / 1973 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	PE.16425 / LA / Exp. 09/30/2027		
Year registered	1977	Discipline	Civil Engineering, Environmental Engineering
Contract role(s) / brief description of responsibilities	QA/QC and Technical Advisor (Roadway Design)		



Mr. Porta brings more than **50 years of experience in the transportation field**. During his 37-year career at LADOTD, he practiced highway design for 11 years with 8 of those years in responsible charge of a design squad. He spent the next 21 years of his career in project/program management. He managed the Off-System Bridge Replacement Program and the Urban System Program. Both programs replaced or constructed new bridges on parish and state routes. In 2001 he was tasked with being the LADOTD TIMED Program Manager. This \$5 billion program was developed to multi-lane over 500 miles of state highways as well as construct 3 new bridges, 2 of these bridges across the Mississippi River. He spent the last 5 years of his career at LADOTD as the **State Road Design Engineer Administrator**.

Experience dates	Experience and qualifications relevant to the proposed contract
11/14 – 10/15	Safety Studies IDIQ - LA 44 and Loosemore Road Roundabout, LADOTD, Ascension Parish, LA. Technical Advisor. Provided design oversight and technical advisory role for the Geometric and roadway design , preliminary subsurface utility investigation, and cost estimates for the replacement of an existing two-way stop-controlled intersection with either a single-lane roundabout or two single-lane roundabouts and right-in/right-out control at the existing intersection.
12/13 – 06/15	Safety Studies IDIQ - LA 3235 Corridor Safety Improvements, LADOTD, Lafourche Parish, LA. Technical Advisor. Provided design oversight and technical advisory role for the geometric layout of safety improvements including access management, restrictive intersections, and added turn lanes. Reviewed construction cost estimates for proposed improvements to assess feasibility of proposed alternatives.
07/15 – 05/19	Safety Design IDIQ - US 190B at Jefferson Ave. Roundabouts, LADOTD, Covington, Louisiana. QA / QC Reviewer. Supported the construction of a new roundabout in Covington as a quality assurance/quality control reviewer for roadway plans . Plans reviewed included the construction of sidewalk for use by pedestrians.
09/09 – 03/12	I-20 Garrett Road Connector Interchange Improvements, LADOTD, Ouachita Parish, LA. Technical Advisor. Provided design oversight and technical advisory role for the Geometry and roadway design of the new KCS Railroad overpass and connector between Kansas Lane and Garrett Road , including interstate interchange modifications to include two-lane roundabouts at ramp intersections, and three two-lane roundabouts outside of the interchange. Improvements to the pedestrian and bicycle facilities were included in accordance with the LADOTD Complete Streets Policy.
04/12 – 01/14	US 11 Norfolk Southern Railroad Overpass Replacement Environmental Assessment and Line and Grade Study, LADOTD, Slidell, Louisiana. Responsible for LADOTD design guideline compliance . Replacement and widening of the US 11 roadway overpass of the Norfolk Southern Railroad. The project included evaluating partial and full-access intersection options and bridge alignment and type alternatives for the heavily skewed and long steel span bridge in this urban area of Slidell, Louisiana. Key issues included the bridge's imminent historic status, commercial parking impacts and adapting to the Norfolk Southern right-of-way and travel pattern changes following the construction.

01/14 – Ongoing	Pete’s Highway EA and Alternatives, LADOTD, Livingston Parish, Louisiana. Responsible for QAQC of roadway plans, line and grade, and <i>LADOTD design guideline compliance</i> . High-priority project completing an EA and traffic engineering services related to improving congestion and operations along Range Avenue in the vicinity of the I-12. Alternatives included two split diamond interchange options with roundabout, partial clover leaves, and c-d road components at both Range Avenue and the next existing, eastern overpass at Pete’s Highway (LA 16); and a diverging diamond interchange alternative at Range Avenue.
10/16 – 02/18	North Bayou Black Drive Bridge Off-System Highway Bridge Replacement Program, LADOTD, Terrebonne Parish, Louisiana. Reviewed plans for the replacement of an off-system highway bridge. Detailed designed effort included field surveying, right of way adjustments, crash barrier selection, hydraulic analysis, preliminary and final plan preparation and cost estimates.
09/12 – 12/15	US 165 Connector and Ouachita River Bridge - Environmental Impact Statement, Line and Grade and Toll Study, LADOTD, Monroe, Louisiana. Responsible for <i>QAQC of roadway plans, line and grade, and LADOTD design guideline compliance</i> . Three alternatives were developed and evaluated along with various tolling scenarios. All alternatives traverse substantial tracts of wooded wetlands associated with Chauvin Swamp near the Russell Sage Wildlife Management Area.
04/12 – 01/14	LA 434 Corridor Stage 1 Environmental Assessment, New Orleans Regional Planning Commission, Lacombe, Louisiana. Responsible for <i>LADOTD design guideline compliance</i> . EA for the widening and improvements of LA 434 between LA 36 and the anticipated new junction with LA 3241 near LaCombe, Louisiana in St. Tammany Parish.
10/90 – 10/01 10/05 – 10/10	Urban System Program MPOs & Urbanized Areas, Statewide, Louisiana. Responsible for the selection of the consultants, coordinating with the Metropolitan Planning Officials (MPOs) and the cities/parishes officials, <i>coordinating with the LADOTD Planning Section, developing the scope of services and fee</i> for the projects, <i>reviewing the construction plans</i> and providing comments to the consultants and cities / parishes, and approving all invoices. Mr. Porta was responsible for developing the Urban Systems Program Seminar, which provided information on the processes and procedures used in the program. He served as project manager for signal projects in St. Bernard and Orleans Parishes.
09/01 – 05/06	Transportation Infrastructure Model for Economic Development (TIMED) Program, LADOTD, Statewide, Louisiana. LADOTD TIMED Program Manager. Worked and coordinated on a daily basis with the TIMED Program Manager (LTM) to develop training, procedures, policies, and guidelines for the program. This \$5 billion program was developed to <i>multilane over 500 miles of state highways as well as construct three new bridges</i> ; two of these bridges across the Mississippi River. The program manager was required to monitor the progress of the program and had full invoice approval of the consultant’s monthly invoice. This position was a member of the TIMED Program Executive Committee and reported to the Secretary of the LADOTD. There were 16 projects that were recognized throughout the state. Bonds were sold to finance and, therefore, accelerate the program. Over 500 miles of state roadways were multilaned and three new bridge projects were designed.
05/06 – 07/10	Road Design Engineer Administrator, LADOTD, Statewide, Louisiana. Responsible for transitioning the focus of his section from project management back to <i>roadway design</i> as desired by the Chief Engineer. To support this mandate, brought in training from the FHWA Resource Center in Atlanta, GA to assist the development of a young group. Coordinated the training and provided through the Louisiana Transportation Training Education Center. Developed a Legal Seminar to address the lack of experience in Road Design and other LADOTD sections in depositions and representing the Department in court with the assistance of the Attorney General’s Office. Responsible for the <i>development of design criteria for Offset Left Turn Lanes and design guidelines for the replacement of bridges on state routes</i> .

Firm employed by.



Name	Eric Kalivoda, PhD, PE		Years of relevant experience with this employer	2
Title	Principal Transportation Engineer		Years of relevant experience with other employer(s)	38
Degree(s) / Years / Specialization			PhD / 1995 / Doctor of Philosophy, North Carolina State University MS / 1983 / Civil Engineering, University of Arizona BS / 1980 / Civil Engineering, Louisiana State University	
Active registration number / state / expiration date			PE.024603 / LA / Exp. 09/30/2026; Also a licensed Civil Engineer in AZ and NC	
Year registered	1992	Discipline	Civil Engineer, Environmental Engineer	
Contract role(s) / brief description of responsibilities			Principal-in-Charge	
			Dr. Kalivoda brings nearly 40 years of experience in the transportation industry through his work in state transportation departments including detailed technical work, policy setting, program development, guidance and oversight, and administration. He has worked with a numerous stakeholders including citizens, community groups, business owners, associations, realtors and real estate developers, regulatory agencies, and local, state, and federal elected officials. His technical work was focused on traffic engineering, highway safety, highway geometric design, and metropolitan and statewide transportation planning. He has been instrumental in providing guidance and direction necessary to advance numerous major projects through the project development process including, more recently, the I-10 reconstruction and expansion in Baton Rouge, the I-10 Calcasieu River Bridge, the I-10 at Loyola Avenue Interchange in Kenner, the I-49 North Inner City Connector in Shreveport, and a new Mississippi River Bridge south of the Baton Rouge Metropolitan Area.	
Experience dates			Experience and qualifications relevant to the proposed contract	
03/23 – 01/24			Louisiana Department of Transportation and Development (LADOTD), LA. Secretary. Served on the Governor's cabinet, advising on public policy and <i>collaborating with federal, state, and local officials</i> to resolve issues and pursue opportunities. Worked with the legislature and industry partners to enact transportation and infrastructure legislation. Provided executive leadership for over 4,200 employees across six offices and 58 sections, overseeing areas such as Management and Finance, Engineering, Operations, Planning, Multimodal Commerce, Legal, and Innovative Procurement. Direct reports included senior leaders such as the Deputy Secretary, Chief Engineer, and others. Managed operating and capital budgets and led during emergencies as a member of the Unified Command Group. Focused on key challenges: (1) implementing the Infrastructure Investment and Jobs Act; (2) <i>administering one-time funding for large-scale projects</i> ; (3) addressing construction inflation impacts; (4) navigating generational leadership transitions; and (5) preparing for a smooth administrative transition.	
02/10 – 03/23			Office of the Secretary, LADOTD, LA. Deputy Secretary. As the second highest official of the Department, provided strategic leadership for over 4,200 employees across six offices and 58 sections, covering areas like Management and Finance, Planning, Engineering, Operations, and Multimodal Commerce. Directly oversaw Compliance Programs (DBE, SBE, Title IV and VII, etc.), Local Public Agency Programs, the internal investigator, and a process re-engineering section for six years. Managed operating and capital budgets and represented the Department on state and national committees. Chaired the Appeals Board to address customer disputes and the Curriculum Council to develop training programs. Key accomplishments include: (1) leading "Operation 57," a comprehensive organizational review; (2) guiding the establishment of the Diversity and Inclusion Initiative; (3) revamping training programs by eliminating outdated courses and addressing internal and external issues; (4) creating the Road Transfer Program to shift non-essential highways to local governments; (5) overseeing the 2015 update of	

	the Louisiana Statewide Transportation Plan; (6) forming an Autonomous and Connected Vehicle Technology Team to shape policy and application; (7) advancing major projects through development processes ; and (8) designing a new state-funded program for rehabilitating locally-owned roads, pending legislative approval.
02/05 – 02/10	Office of Planning and Programming, LADOTD, LA. Assistant Secretary. Oversaw three sections responsible for statewide and metropolitan transportation planning, highway project programming, mapping, safety policy development, bridge and pavement management, traffic monitoring, corridor studies , and project conceptualization. Represented the Department on the Louisiana Economic Development Council, AASHTO's Standing Committee on Planning, and the National I-10 Freight Corridor Coalition. Key accomplishments include: (1) leading post-Hurricane Katrina and Rita recovery efforts through funding requests and education on transportation needs; (2) chairing the Transportation Task Force for Louisiana's Recovery Authority; (3) updating the Louisiana Statewide Transportation Plan ; (4) establishing the multi-state-funded Institute for Trade and Transportation Studies (ITTS); (5) directing the Freight Transportation Strategic Plan; and (6) advancing efficiency improvements within DOTD.
07/99 – 08/05	Office of Planning and Programming, LADOTD, LA. Deputy Assistant Secretary. Under the direction of the Assistant Secretary, oversaw the work of four sections engaged in statewide and metropolitan transportation planning , highway project programming, mapping, environmental impact evaluation, highway safety policy and program development, bridge and pavement management system development, highway inventory and traffic monitoring programs, corridor studies, and development of conceptual designs, scopes, and budgets for selected projects. Served as the Department's representative on the Louisiana Economic Development Council and as Vice Chair of the Infrastructure and Transportation Industries Task Force. Also served as Louisiana's technical representative in the precedent-setting National I-10 Freight Corridor Study. Significant accomplishments include: (1) directing the update of the Louisiana Statewide Transportation Plan – completed in 2003; (2) active participation in updating Louisiana: Vision 2020, the State's economic development master plan; (3) elevating the status, funding, staffing, and visibility of the Highway Safety Program; and (4) serving in a major role in formalizing and improving the efficiency and effectiveness of the highway project delivery process.
05/94 – 07/99	Louisiana Department of Transportation and Development, LA. Engineer Manager. Directed staff engaged in statewide transportation planning, multistate planning efforts, and the development of bridge and pavement management systems. Served in a leadership role on the Infrastructure [and Transportation Industries] Task Force of the Louisiana Economic Development Council. Also served as Louisiana's technical representative in the precedent-setting Latin American Trade and Transportation Study. Significant accomplishments include: (1) organizing and leading a 60-member task force to formalize and improve the DOTD Highway Project Selection Process including the capital budget allocation process (referred to as the "Budget Partition"); (2) extensive participation in developing the Louisiana Statewide Intermodal Transportation Plan, Louisiana's first multimodal statewide transportation plan; (3) active participation in developing Louisiana: Vision 2020, particularly in the development of infrastructure benchmarks; and (4) serving as Louisiana's representative on a special transportation task force of the Southern Governors' Association.

Firm employed by.



Name	Otto Clemente, PE		Years of relevant experience with this employer	8
Title	Certified Project Manager		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			MS / 2005 / Community Planning, University of Maryland BS / 2003 / Civil Engineering, Villanova University	
Active registration number / state / expiration date			PE. 043007 / GA / Exp. 12/31/2026	
Year registered	2018	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Pre-NEPA	
			Mr. Celemente is an Arcadis Certified Project Manager with 20 years of experience providing traffic engineering and transportation planning solutions . He leads Arcadis' US-based Mobility Advisory transportation modeling practice. His career has focused on conducting transportation studies that move complex projects through regulatory requirements. He has deep experience in complex urban transportation demand modeling. He is proficient in using Cube, Synchro, SimTraffic, VISSIM, VISUM, and HCS. He has worked on many large-scale interstate corridor studies where he has developed proven strategies for screening numerous alternatives to arrive at a set of project recommendations.	
Experience dates			Experience and qualifications relevant to the proposed contract	
02/19 – 08/25			I-85 Planning and Environmental Linkages (PEL) Study, Georgia Department of Transportation (GDOT), DeKalb and Gwinnett Counties, GA. Project Manager for an 18-mile Interstate corridor study. The study is the first in Georgia to use FHWA's PEL process , a flexible approach to transportation decision-making that aims to minimize duplication of environmental compliance efforts, enhance relationships with regulatory agencies, and streamline project delivery. The study follows a structured, data-driven approach to recommend a series of projects that will reduce congestion, enhance traffic operations, and improve safety . Responsibilities include management of multidisciplinary teams of engineers, planners, and NEPA practitioners and directing the use of transportation modeling software and big-data platforms to identify insights and evaluate potential alternatives.	
07/21 – Ongoing			Planning Consultant Services IDIQ, GDOT, Statewide, GA. Project Manager overseeing on-call planning consultant services for GDOT Office of Planning. In this role, Otto is leading a diverse range of planning studies including regional studies, countywide transportation plans, and corridor studies . Otto leads multidisciplinary teams of planners, engineers, communication specialists, modelers, and data analysts in conducting studies throughout the state of Georgia. He distills key insights from complex travel forecasting models and emerging big-data sources to give the public, stakeholders, and key decision makers the information they need to plan infrastructure investments for their communities.	
04/18 – Ongoing			Public-Private Partnership (P3) Division General Engineering Consultant (GEC), GDOT, Statewide, GA. Transportation Planning and Modeling Disciplines Lead for on-call contract where Arcadis serves as an advisor to GDOT P3 Division in the development, management, and implementation of alternative delivery projects , from initial concept development in the Pre-Let phase through procurement and owner's side reviews during final design and construction in the Post-Let phase. Arcadis has served as GEC on numerous simultaneous alternative delivery projects, including economic development initiatives, bridge replacements, interstate widenings, interchange enhancements, and operational improvements in highly constrained environments. Under this contract, Otto led a scoping study of express lanes on I-20 in the Atlanta Metro. He	

	made recommendations on extent of the proposed express lane system and location of access points. He used StreetLight origin-destination data to understand travel patterns on I-20 and determine routes most likely to benefit from express toll lanes
05/23 – Ongoing	Houston District Planning IDIQ, Texas Department of Transportation, Houston, TX. <i>Transportation Modeling Lead.</i> Oversee and provides quality control for transportation study modeling analysis activities. Determine modeling approach for projects (macro, meso, or micro) to fit the needs of the client.
02/19 – 01/22	Cobb County Comprehensive Transportation Plan Update, Cobb County Department of Transportation, Cobb County, GA. <i>Travel Demand Modeling Lead</i> managing the use of Atlanta region's activity-based travel demand model to evaluate transportation projects to be included in Cobb County's 2050 update to its Comprehensive Transportation Plan . Collaborated with a multi-disciplinary team of planners, public involvement specialists, and local government staff to develop metrics that can be derived from the regional model to illustrate travel patterns and to evaluate how proposed transportation projects meet the plan's goals.

Firm employed by:



Name	Daniel Arnold, AICP		Years of relevant experience with this employer	1
Title	Environmental Planner		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			MS / 2016 / City and Regional Planning / University of North Carolina, Chapel Hill	
Active registration number / state / expiration date			American Institute of Certified Planners 437403 / NY / Exp. 06/2027	
Year registered	2025	Discipline	Planning	
Contract role(s) / brief description of responsibilities			Pre-NEPA; NEPA Documentation	
			Mr. Arnold is a highly proficient environmental planner with 11 years of experience with multi-modal infrastructure projects. He has conducted and/or led multiple environmental reviews, environmental screenings, alternatives analyses, and permit applications for a broad range of federal, state, and municipal agencies in accordance with the National Environmental Policy Act (NEPA) and appropriate state and local environmental guidelines. He has carried projects through from early-stage Planning and Environment Linkages (PEL) studies , alternatives analyses, and environmental screening studies, to environmental reviews, and to late-stage public engagement, Finding of No Significant Impact (FONSI), and/or Record of Decision (ROD) . As part of all these projects, he also leads GIS-based analysis and data presentation for reports and public presentations.	
Experience dates			Experience and qualifications relevant to the proposed contract	
03/26 – Ongoing			Bellevue Campus Coastal Resilience, NYC Health + Hospitals and NYC Department of Design and Construction, New York City, NY <i>Environmental Planner</i> for a Supplemental Environmental Assessment and permit applications for FEMA, including permitting with USACE. The project involves construction of a floodwall around the Bellevue Hospital Manhattan Campus and corresponding stormwater drainage improvements across two blocks in eastern Manhattan. The Arcadis scope of services includes design development, environmental reviews, and permitting to update a project design previously proposed in 2015.	
06/24 – 03/26			Sawtooth Bridges Replacement Project, Amtrak and NJ TRANSIT, Kearny and Harrison, NJ <i>Environmental and Permitting Lead</i> for the Environmental Assessment re-evaluations and permitting, including developing NEPA environmental assessment re-evaluations, an alternatives analysis, federal and state permitting applications, and coordinating the efforts of a multi-disciplinary environmental and permitting team for the reconstruction of the Sawtooth Bridges on Amtrak’s Northeast Corridor in New Jersey. This project is the first phase for the replacement and expansion of Amtrak’s bridge Nos 7.80 over NJ TRANSIT and 7.96 over PATH and Conrail. The bridge structures will improve rail operations along the Northeast Corridor in a heavily traveled rail section in New Jersey.	
06/24 – 03/26			Susquehanna River Rail Bridge, Amtrak, Perryville and Havre de Grace, MD <i>Environmental Planner</i> for the NEPA Environmental Assessment re-evaluations and permitting, including developing the re-evaluation for parcel acquisitions for construction and permanent access of a rail bridge and rail improvements in Perryville and Havre de Grace, Maryland. Re-evaluations include land use, natural resources, parks and recreational resources, historic and cultural resources, and noise and vibration assessments. The project aims to replace the existing two-track truss structure with twin two-track bridges to increase capacity and improve speed and alignment along the Northeast Corridor.	

06/24 – 12/24	Secaucus to Meadowlands Transitway, NJ TRANSIT, Kearny, Lyndhurst, and East Rutherford, NJ <i>Environmental Planner</i> for the NEPA Categorical Exclusion, including developing traffic analyses for the transportation section that consider major events and typical weekday traffic. The transitway is intended to support transportation needs for the 2026 FIFA World Cup and proposes a dedicated, fully-separated guideway along the abandoned NJ TRANSIT Boonton Line, sharing use of this right-of-way with the future Essex-Hudson Greenway (design/construction by others) and reconstruction of DB Draw, an old swing-span movable bridge crossing the Hackensack River that is permanently left in the open position.
05/22 – 01/23	The Inter-borough Express (IBX) PEL Study, MTA, Brooklyn and Queens, NY <i>Environmental Planner</i> for the PEL Study assessing environmental conditions and alternatives for the IBX. Led the assessment of demographics, parks and recreational resources, and visual resources along the IBX corridor and conducted comparisons of environmental constraints across alternatives. The project seeks to create a new transit line connecting the eastern portions of Brooklyn and Queens and assessed multi-modal alternatives, including subway, light rail, and BRT.
06/21 – 03/24	New Jersey Turnpike 1 to 4 Widening Program, New Jersey Turnpike Authority, NJ <i>Environmental Planner</i> for the Alternatives Analysis and Environmental Screening documentation identifying reasonable alternatives, environmental constraints, preliminary impact assessments for all alternatives, and environmental assessments for the project Environmental Impact Statement (EIS) . Conducted analyses for land use, socioeconomic, community facilities, parks and open spaces, and traffic. The project sought to widen the NJ Turnpike in southern NJ, replace interchanges, and replace bridges across the turnpike.
11/22 – 05/24	Bus Garage Modernization Program, NJ TRANSIT, Statewide, NJ <i>Environmental Lead</i> for the environmental constraints/risks analysis to identify potential environmental impacts that will be assessed formally in individual garage Categorical Exclusions (CEs) or Environmental Assessments. Led the CE and permitting for one of the bus garage expansions in Ironbound, NJ. Managed a multi-disciplinary environmental team and conducted assessments across 19 environmental resources. Assessing project site conditions for bus garages across New Jersey modernize bus garages and bus fleet to all-electric vehicles.
09/19 – 05/21	X731.27 Bruckner-Hutch Mobility Improvement Project, New York State Department of Transportation, Bronx, NY <i>Environmental Lead</i> who developed the Environmental Assessment (EA) under NEPA and SEQRA guidelines. Coordinated the public outreach for the project, including working with the Community Boards, holding a virtual public information meeting on the project, and managing the comments and responses received on the Draft EA. Led the environmental planning team to draft and finalize the EA, including Section 4(f) and Section 6(f) assessments . Developed the land use, socioeconomic, parks and open spaces, and visual resources assessments. GIS Lead designing all maps for the Draft and Final EA. Managed the final report production, including developing the report template, integrating all sections into the report, and preparing the report for publication. The project replaced two interchanges along I-95 and the Hutchinson River Parkway in the Bronx within Pelham Bay Park.

Firm employed by



Meet MPR Nos. 6 & 7

Name	Hunter Guidry	Years of relevant experience with this employer	2
Title	Principal Ecologist	Years of relevant experience with other employer(s)	29
Degree(s)/Years/Specialization	BS / 1996 / Environmental Management Systems, Louisiana State University		
Active registration number/state/expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s)/brief description of responsibilities	Wetland Delineation and T&E Studies; Regulatory Permitting and Mitigation		
	Mr. Guidry is currently a Principal Ecologist with over 29 years with a proven expertise in project management, water resources, wetland delineation and assessment with local, state, and federal Clean Water Act 404 permitting, coastal restoration experience, NEPA compliance, stormwater management and design, remediation support, field data collection, Section 7 Endangered Species Act (ESA) consultation, ecological surveys, vegetative monitoring, biota sample procurement, and construction site management.		
Experience Dates	Experience and qualifications relevant to the proposed contract		
04/25 – Ongoing	TC Energy Pipeline Repair Project, Ouachita, Jefferson, St. Mary, and Avoyelles Parishes, LA. <i>Project Manager and Field Lead.</i> Arcadis is assisting TC Energy and the partners on environmental field inspection of multiple pipelines and pipeline support facilities to determine the potential environmental impacts and permitting requirements for the repair of pipeline and equipment. Mr. Guidry performed a site inspection to look for regulatory concerns such as Section 404 wetlands, ROW issues, threatened and endangered species , and contamination impacts for the proposed equipment and pipeline repair projects. He completed four wetland delineation field inspections for potential impacts to existing TC Energy project sites.		
05/25 – Ongoing	Vanguard Renewables, Iberville and Assumption Parishes, LA. <i>Project Manager and Permitting Specialist.</i> Currently working on two new renewable natural gas facilities in Iberville and Assumption Parishes, LA. Following a technical risk analysis by engineers and development of proposed renewable energy facility designs, Arcadis evaluates the ecological integrity and resources associated with the facility layout to identify applicable federal, state, and local permits. Arcadis closely coordinates with the US Fish and Wildlife Service, LA Division of Environmental Quality (LDEQ), Natural Resources Conservation Service, LADOTD, and the LA Department of Wildlife and Fisheries as well as the local Parish agencies for state stormwater, solid waste, operations, and new facility design as well as terrestrial and aquatic resource impacts. Serving as project manager coordinating multiple teams during project screening during the engineering design, field soil fertility, fertilizer (digestate) application, Phase I ESA, and property survey.		
06/25 – Ongoing	I-10 Calcasieu River Bridge P3 Project, LADOTD, Calcasieu Parish, LA. <i>Permitting Specialist.</i> The I-10 Calcasieu River Bridge Improvements Project will improve Interstate 10 (I-10) between the I-10/I-210 west and I-10/I-210 east interchanges in Calcasieu Parish, LA. Helped expedite the Section 401 Water Quality Certification process with the LDEQ to complete the US Army Corps of Engineers (USACE) Section 404 permitting process. Additional services will include support and coordination with the state and federal agencies during the Clean Water Act (CWA) and stormwater permitting process to complete the necessary permits to begin construction of the new bridge.		
02/25 – Ongoing	City of Baton Rouge/Ward Creek Realignment, City of Baton Rouge, East Baton Rouge Parish, LA. <i>Permitting Specialist.</i> Arcadis was contracted by the City of Baton Rouge through a FEMA grant to evaluate stormwater impacts to the Ward Creek		

	drainage basin. Arcadis' task is assessment and design of several possible stormwater retention projects within the drainage basin to reduce and control stormwater flows during large rain events. Completed desktop assessment of environmental resources and prepared a project impact evaluation and permitting matrix for project planning and stormwater design. Completed wetland determinations on proposed project sites to determine the impacts from the project layout. Ran multiple Louisiana Rapid Assessment Method wetland assessments to determine the mitigation requirements for each of the project sites for funding requirements. Currently working on permitting and NEPA Environmental Assessment (EA).
05/23 – 08/23	I-10 to US 61 (West Airline Highway) Connector, LADOTD, St. John the Baptist Parish, LA. Wetland Delineator. Performed a wetland determination along a designated corridor chosen alternate alignment. Performed field work and recorded data. Compiled data and authored a wetland delineation report and provided it to client. Participated in project public meeting with partners and state agencies.
07/23 – 12/24	Cypress Bayou Green Infrastructure Project at Greenwood Park, Recreation and Park Commission for the Parish of East Baton Rouge (BREC), East Baton Rouge Parish, LA. Project Management/NEPA Specialist. Project management of environmental aspects of HUD funded stormwater project at the BREC Greenwood Park. Provided environmental consulting services and NEPA compliance primarily related to wetlands permitting, endangered species, stormwater, and environmental conditions of the site. Coordinated with various firms on wetland and endangered species reviews and agency coordination. Performed a HUD checklist review for federal grant funding of stormwater relief project. Worked with prime on all regulatory compliance issues for the NEPA compliance. Secured a Section 404 CWA permit from the USACE and EA/FONSI for project construction.
01/18 – 08/18	I-10/Loyola Interchange, LADOTD, Jefferson Parish, LA. Project Management. Worked with state agencies on the I-10/Loyola interchange Phase I Environmental Site Assessment for NEPA compliance. Performed multiple site inspections of various impact locations for several different alignments. Looked at potential environmental concerns and impacts with each individual alignment. Attended public meetings and interacted with state and local agencies as well as answered questions about environmental impacts to the public for project.
08/18 – 01/21	Fourchon LNG Facility, Lafourche Parish, LA. Project Manager/Field Biologist. Assisted client in preparation, submittal and tracking of resource reports for a FERC application for proposed energy supply facility along the Louisiana coast. Worked on NEPA compliance for facility. Performed nesting bird survey and endangered species site assessment on project site before geotechnical survey began. Coordination with local, state, and federal agencies for project planning, development, and regulatory compliance.
02/10 – 4/11	LA Highway 42/LA Highway 117 Expansion, LADOTD, Leeville, LA. Project Manager. Oversaw environmental assessments along the LA 42 and LA 117-expansion corridor. Coordinated with parish leaders, design engineers and state and federal agencies.
08/08 – 12/08	Coushatta Bridge Realignment, LADOTD, Allen Parish, LA. Biologist. Responsible for wetland determinations as well as red cockaded woodpecker and america chaffseed plant survey and habitat analysis along proposed expansion and replacement of the Coushatta Bridge in Allen Parish, Louisiana. Coordinated with state and federal agencies and project engineers.
08/07 – 12/07	McHugh Road (Wimbush Drive to Lower Zachary Road), LADOTD, East Baton Rouge Parish, LA. Wetland Delineator. Responsible for Wetlands Study and preparation of Wetlands Assessment Report and project permitting, which was prepared in accordance with NEPA standards.

Firm employed by.



Name	Catherine Bruns	Years of relevant experience with this employer	3
Title	Ecologist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	BS / 2021 / Coastal Environmental Science, Louisiana State University		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Wetland Delineation and T&E Surveys; Regulatory Permitting and Mitigation		
	Ms. Bruns is an Ecologist in the Arcadis Baton Rouge, Louisiana office. She supports transportation projects by performing wetland studies and preparing permit packages for submittal to United States Army Corps of Engineers (USACE) and Louisiana Department of Natural Resources (LDENR) Office of Coastal Management. Prior to joining Arcadis, she worked in the LDENR Office of Coastal Management performing technical and environmental reviews of projects submitted for Coastal Use Permits. She has experience with environmental permitting, biological assessment, and wetland studies		
Experience dates	Experience and qualifications relevant to the proposed contract		
05/23 – Ongoing	Rural Bridge Replacement Initiative Phase II, Louisiana Department of Transportation & Development (LADOTD), Multiple Cities, LA. <i>Ecologist</i> for 16 state projects involving replacement of 29 state highway bridges. The environmental scope of services for the projects consists of Solicitation of Views, Wetland Studies, Programmatic Categorical Exclusion Checklists, and permitting including USACE Nationwide Permits (NWP) and LDENR Coastal Use Permits (CUPs).		
07/23 – Ongoing	I-20 Widening/Overlay (Vancil Rd – LA 34), LADOTD, West Monroe, LA. <i>Ecologist.</i> Performed a wetland delineation along I-20 near West Monroe, LA for the proposed interstate widening project. Provided a Wetland Findings Report , including required exhibits, to be used for a USACE Jurisdictional Determination.		
10/23 – 9/24	Bayer Wetland Survey and Permitting, Bayer Crop Science, Luling, LA. <i>Ecologist.</i> Performed a wetland delineation at the Bayer Crop Science facility in Luling, LA to facilitate development of a solar/sustainability project. Provided a Wetland Findings Report to be used for a USACE Jurisdictional Determination and supported efforts to obtain Natural Resources Coastal Use Permits.		
02/24 – Ongoing	I-10 Calcasieu P3 Design Phase, LADOTD, Lake Charles, LA. <i>Ecologist.</i> Prepared environmental documentation including NEPA Re-Evaluation reports and permitting materials for the Calcasieu River Bridge replacement in Lake Charles, LA. Prepared public meeting materials and attended a public meeting for the project in Lake Charles, LA. The environmental scope of services includes jurisdictional wetland verification, NEPA Re-Evaluation of environmental commitments , permitting to include USACE Sections 10, 404, and 408, USCG Section 9, and LDEQ Section 401.		
05/24 – Ongoing	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program, LADOTD, Lake Charles, LA. <i>Ecologist</i> for state projects involving replacement of off-system bridges. The environmental scope of services for the project consists of Solicitation of Views, Wetland Studies, Environmental Determination Checklists, and permitting including USACE Nationwide Permits (NWP) and Louisiana Department of Energy and Natural Resources Coastal Use Permits (CUPs)		
09/24 – Ongoing	Maintenance Anomaly Program, TC Energy Corporation, Multiple Cities, LA. <i>Ecologist</i> for pipeline maintenance evaluation and anomaly repair projects. Performed field duties including wetland delineation, stream classification, GPS survey, and threatened, endangered, and sensitive species survey for pipeline access. Provided support in obtaining CUPs.		

Firm employed by. **GSRC**

Name	Ross Hackbarth	Years of relevant experience with this employer	8
Title	NEPA/Endangered Species	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	BA / 2014 / Botany		
Active registration number / state / expiration date	Wetland Training Institute – Wetland Delineation Training 2017		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Wetland Delineation and T&E Surveys		



Mr. Hackbarth is an ecologist specializing in vegetation assessments, wetland delineations, and floral inventories. Mr. Hackbarth has 8 years of experience in habitat analyses, ecological restoration, and NEPA documentation for numerous projects throughout the southern U.S. Mr. Hackbarth has aided in the development of NEPA documents including EAs. He has performed field surveys for threatened and endangered species and habitat management planning for invasive species, including mapping seeds collection sites for re-plantings. Additionally, Mr. Hackbarth has experience in native plant nursery and greenhouse operations, wildlife surveys, nationwide permitting, and construction monitoring standards and regulations.

Experience Dates	Experience and qualifications relevant to the proposed contract
09/20 – 09/23	Environmental Assessment for Facility Enhancements and Land Use Modification Projects at Columbus Air Force Base, Mississippi. <i>Biologist.</i> GSRC was contracted by USACE, Mobile District, to complete an EA and supporting environmental studies for proposed construction, demolition, and land use modification actions at Columbus Air Force Base in Lowndes County, Mississippi. The proposed projects were the replacement and construction of a physical fitness center, replacement and construction of a water storage tank, and permanent placement of fill material into and onto the water bottom of a man-made lake. Served as a technical preparer for sections of the EA and provided quality assurance for supporting documents including a biological resources report and environmental baseline study . Additionally, served as a GIS analyst and assisted with map creation for the various documents required under the contract.
09/19 – 10/21	Rare, Threatened, and Endangered Species, Bird, and Invasive Plant Inventory at Naval Construction Battalion Center Western Maneuver Area, Hancock County, Mississippi. <i>Field Biologist.</i> Naval Facilities Engineering Systems Command Southeast (NAVFAC SE) contracted JESCO Environmental and Geotechnical Services, Inc. and GSRC to conduct an inventory of rare, threatened, and endangered species , birds, and invasive plants on approximately 1,477 acres of land newly acquired by the U.S. Navy at the Naval Construction Battalion Western Maneuver Area (NCBC WMA) in Hancock County, Mississippi. Knowledge of the site occupancy and seasonal use of the survey area by these species supports the long-term sustainment and planning of NCBC WMA actions. Participated in fall field surveys, which included live trapping (e.g., hoop nets, cover boards, trash can traps), bird point count stations, and pedestrian transects. One species documented in 2019 during point-count surveys, the little blue heron (<i>Egretta caerulea</i>), is considered a Tier II species of concern in the state of Mississippi.
02/20 – 02/21	Wetland Delineations for a Proposed Wind Farm in Quitman and Tunica Counties, Mississippi. <i>Field Biologist.</i> GSRC was contracted by CSRS to determine the extent of potential jurisdictional Waters of the U.S., including wetlands on approximately 43,000 acres near Tunica, Mississippi. The survey area consisted of primarily private agricultural lands interspersed with wooded streams and forested hunting lands. Served as a field biologist for the wetland delineations, which were conducted

	both on foot and with the use of ATVs over the course of several months. Threatened and endangered species surveys were conducted concurrently with the wetland delineations.
09/17 – 10/18	Wetland Delineations, Stream Biomonitoring Support, and Vital Rate Support for Fort Johnson, Vernon Parish, Louisiana. <i>Field Biologist.</i> GSRC was contracted by the USACE, Fort Worth District, to provide various environmental services at Fort Polk, including stream biomonitoring. Stream fish assemblages and macro-invertebrate surveys are used at Fort Polk to monitor water quality and assess potential effects of training activities on aquatic ecosystem health. GSRC assisted with studies to quantify the relative health of a limited number of streams on Fort Johnson in primary training lands. These studies can be used to address questions regarding potential training effects that may arise during NEPA analyses. Took part in the stream biomonitoring of six Fort Johnson streams, which included: 1) electroshocking to collect fish samples; 2) scoop net sampling for macroinvertebrates; and 3) a qualitative analysis of stream appearance, structure, and condition.
02/19 – 10/19	Wetland Delineation for the East Jackson County Wastewater Treatment Plant, Jackson County, Mississippi. <i>Field Biologist.</i> GSRC was contracted by Arcadis, on behalf of the East Jackson County Wastewater Treatment Plant, to perform a wetland delineation on a proposed pipeline ROW and adjoining parcel of land encompassing a total area of 203 acres. Habitat within the project area included pine and mixed pine-hardwood forests, bottomland hardwood forest, and periodically maintained pipeline and powerline ROWs. Served as a biologist during all field survey activities. The project area was found to contain approximately 166 acres of potentially jurisdictional wetlands and 16,534 linear feet (3.13 miles) of potential jurisdictional Waters of the U.S.
01/19 – 11/19	Biological Resources Survey and Wetlands Delineation for the Rio Grande Valley 50-Mile New Wall Construction Project, Starr and Hidalgo Counties, Texas. 2019. <i>Field Biologist.</i> CBP contracted GSRC to provide environmental planning support for the proposed construction of approximately 50 miles of new border wall. Served as a biologist for all natural resources survey activities including threatened and endangered species surveys , comprehensive floral and faunal documentation, and wetlands delineations. GSRC biologists conducted meandering pedestrian transects through the 200-foot-wide project corridor. Species lists were recorded for distinct vegetation communities. Threatened or endangered species observed included Zapata bladderpod (<i>Physaria thamnophila</i>), Texas tortoise (<i>Gopherus berlandieri</i>), and Texas horned lizard (<i>Phrynosoma cornutum</i>). Wetland delineations were conducted in accordance with the <i>Technical Report Y-87-1, Corps of Engineers Wetlands Delineation Manual</i> and the <i>2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region</i>
04/18 – 09/18	Preparation of Clean Water Act Section 404 Nationwide Permit Pre-Construction Notification for RGV-WSL-South Road and RGV-FTB-Gallinas RVSS Tower Locations, Texas. <i>Technical Preparer.</i> GSRC was contracted by CBP to prepare separate Clean Water Act (CWA) Section 404 permit applications for the alteration of jurisdictional wetlands from planned construction activities. CBP proposed to construct approximately 72 new Remote Video Surveillance System (RVSS) towers in its RGV sector and two of these tower locations were previously identified as occurring in areas delineated as potentially jurisdictional wetlands. Authored the two CWA Section 404 permit applications that were submitted in order to obtain a Nationwide Permit 39. The tower sites were designed in a manner that prevented having to conduct off-site mitigation for the proposed tower construction locations.

Firm employed by. 				
Name	Beau Rapier		Years of relevant experience with this employer	8
Title	NEPA / Wetland Biologist / Endangered Species		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BA / 2016 / Forestry Wildlife Management and Habitat Conservation MS / 2018 / Science in Biology		
Active registration number / state / expiration date		38-Hour USACE Wetland Delineation Training Program		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Wetland Delineation and T&E Surveys		
		Mr. Rapier has 10 years of experience working in 28 states, predominately focused on mammals of conservation concern, but he has also held positions surveying for birds, vegetation, herpetofauna, and parasite/disease dynamics. Mr. Rapier has led field crews to conduct point count surveys for Neotropic migratory birds of conservation priority, as well as identifying and buffering active bird nests in ROWs. In addition, he has aided in reporting cases of white-nose syndrome in Indiana bats, northern long-eared bats, and gray bats in Illinois and Tennessee. Mr. Rapier has managed and performed a range of field-related tasks, wrote NEPA documents, and acquired permitting for various project components.		
Experience Dates		Experience and qualifications relevant to the proposed contract		
10/24 – Ongoing		Plaquemines Wetland Desktop Survey, LA. Project Manager. GSRC is under contract with Principal Engineering on behalf of the Coastal Protection Restoration Authority to perform a desktop wetland delineation for eight separate project areas. Mr. Rapier will collect data from USFWS, USDA, and FEMA, create and digitize polygons to delineate the perceived jurisdictional wetland/upland boundary, submit findings reports and budgets, and coordinate with multiple teams and stakeholders.		
10/23 – Ongoing		Central Wetland Delineation, LA. GSRC is under contract with Forte and Tablada to perform a wetland delineation on an approximately 50-acre parcel of land and 17 separate ditch segments. Conducted the delineations, prepared the wetland findings report, and submitted findings to the USACE. GSRC has received the Preliminary Jurisdictional Determination and is assisting the client in determining the next steps to take in the permitting process.		
04/20 – 11/23		Gopher Tortoise Population Surveys, Mayport, FL. Project Manager. GSRC was contracted by NAFVAC SE to conduct gopher tortoise burrow surveys. Field surveys were conducted in two phases. During the first phase, walked parallel transects through suitable gopher tortoise habitat and recorded transects using a Trimble GPS unit. Each burrow observed was photographed, recorded with the GPS unit, and temporarily marked with flagging. Each burrow was then classified by size and noted as active, inactive, or abandoned. During the second phase, used a specially designed gopher tortoise burrow camera to verify the presence or absence of gopher tortoise in all burrows over 3 inches in diameter. Documented vegetation characteristics at each gopher tortoise survey site and if other animals were utilizing the gopher tortoise burrows. Handled the preparation and execution of all project deliverables, including data analysis and technical reports.		
09/20 – 11/23		Eastern Indigo Snake and Gopher Tortoise Surveys, Kings Bay, GA. Project Manager. GSRC was contracted by NAFVAC SE to conduct surveys for the presence of gopher tortoise and eastern indigo snake at Naval Submarine Base (NSB) Kings Bay in Camden County, Georgia. In total, six drift fence arrays were established in areas that appeared suitable for eastern indigo snakes. Drift arrays were fixed with automatic cameras pointed towards the ground to passively detect animals that traversed the array. For the gopher tortoise burrow surveys, walked parallel transects through suitable gopher tortoise habitat and recorded transects using a Trimble GPS unit. Each observed burrow was photographed, recorded with the GPS unit, and		

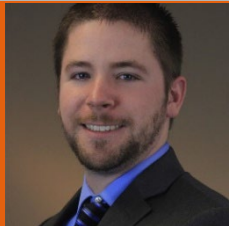
	temporarily marked with flagging. Burrows were classified by size and noted as active, inactive, or abandoned. Handled the preparation and execution of all project deliverables, including data analysis and technical reports.
06/21 – 10/21	Wharton Wetland Delineation, LA. Project Manager. GSRC was contracted by a private landowner to perform wetland delineation on an approximately 17-acre parcel of land. Conducted the delineation, wrote the wetland findings report, and submitted the report to the USACE. After receiving the Preliminary Jurisdictional Determination, GSRC aided the client in determining the next steps to take in the permitting process.
04/20 – 06/20	Morrison Hill Wetland Delineation, LA. Morrison Enterprises LLC. Project Manager. GSRC was contracted by Morrison Enterprises, LLC to perform a wetland delineation on an approximately 9-acre parcel of land. Conducted the delineation, wrote the wetland findings report, and served as a liaison between the client and the USACE until Preliminary Jurisdictional Determination was issued.
09/18 – 09/19	Migratory Bird and Rare and Threatened Species Surveys, Mammal Surveys, Herpetofauna Surveys, MS. Field Crew Lead. GSRC was contracted by NAVFAC SE to survey the Stennis Western Maneuver Area for migratory bird species with a special focus on documenting any federally or state threatened or endangered species that may be present. Conducted point counts, meandering or opportunistic surveys, and call playback surveys for secretive marsh birds on a quarterly basis to record, to the best extent possible, all bird species on the installation. Mammal surveys consisted of Tomahawk trapping and deploying trail cameras with scent lures. Herpetofauna surveys consisted of deploying cover boards, floating turtle traps, submerged trashcan traps, hoop nets, and glow-stick-baited funnel traps.
02/19 – Ongoing	Wetland Delineation for the East Jackson County Wastewater Treatment Plant, Jackson County, MS. Project Manager. GSRC was contracted by Arcadis, on behalf of the East Jackson County Wastewater Treatment Plant, to perform a wetland delineation on a proposed pipeline ROW and adjoining parcel of land encompassing a total area of 203 acres. Habitat within the project area included pine and pine-hardwood forests, bottomland hardwood forest, and periodically maintained pipeline and powerline ROWs. Served as a biologist during all field surveys, wetland delineations, and Phase 1 ESAs. Mr. Rapier was responsible for project management and preparation of all deliverables.
04/19 – 08/19	Trimcane Wetland Delineation, Mississippi. Trimcane, LLC. Project Manager. GSRC was contracted by Trimcane, LLC to perform wetland delineation on an approximately 35-acre parcel of land. Conducted the delineation, wrote the wetland findings report, and submitted this to the USACE. After receiving the Preliminary Jurisdictional Determination, GSRC aided the client in determining the next steps to take in the permitting process, including an alternatives analysis and Department of the Army Permit.
06/18 – 09/18	Preparation of Wetland Jurisdictional Determinations for Four Strategic Petroleum Reserves, Department of Energy, Strategic Petroleum Reserve, FFPO, LLC, TX and LA. Field Biologist. GSRC was contracted by Fluor Federal Petroleum Operations, LLC, to conduct wetland delineation surveys at four separate Strategic Petroleum Reserve (SPR) sites operated by the Department of Energy. These sites have been proposed for maintenance and expansion to existing infrastructure. Served as a field biologist during wetland delineations conducted at the Bayou Choctaw SPR in Iberville Parish, Louisiana, and the Bryan Mound SPR in Brazoria County, Texas. In addition to determining the presence of potential wetlands and Waters of the U.S., was responsible for preparing the final summary reports at Bayou Choctaw.

Firm employed by: 				Meets MPR No. 7
Name	Lee Droppelman		Years of relevant experience with this employer	4
Title	Principal Scientist		Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization			BS / 2000 / Natural Resource Conservation, University of Kentucky	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Wetland Delineation and T&E Surveys	
		Mr. Droppelman leads a diverse natural resource team offering multi-disciplinary services to a variety of client markets across the U.S. He has conducted numerous projects dealing with threatened/endangered terrestrial and aquatic species, ecosystem assessment, and stream/wetland jurisdictional determinations, Section 404/401 Clean Water Act (CWA) permitting, and restoration design. Mr. Droppelman holds a federal collection license for over 70 listed species from more than 20 eastern states. He is proficient in the identification of all eastern bats and is an expert in the biology of aquatic fauna (including fish, invertebrates, and mollusks). Additionally, he has professional interest in the correlation of aquatic assemblage to river geomorphology, restoration of aquatic habitats, restoration and enhancement of bottomland forested wetlands, wetland functional assessment, and ecological impact/risk determination. Mr. Droppelman specializes in leading complex projects requiring novel concepts needed for effective agency coordination, scientifically sound resource assessment, and cost-effective minimization and mitigation of adverse effects. Over his career, he has served as discipline expert, principal investigator, and/or project manager for more than 300 transportation projects across the Eastern U.S.		
Experience dates		Experience and qualifications relevant to the proposed contract		
05/23 – 11/23		Acoustic Bat Survey and Biological Assessment for the I-70 Improvement Project, Missouri Department of Transportation, Jefferson City, MO. Principal Scientist. Leading the acoustic survey for the federally endangered gray bat (Myotis grisescens), Indiana bat (Myotis sodalis), and northern long-eared bat (Myotis septentrionalis), and the proposed-endangered tricolored bat (Perimyotis subflavus) along 34 miles of proposed highway improvements along I-70 west of St. Louis. In compliance with the 2023 Range-wide Indiana Bat and Northern Long eared Bat Summer Survey Guidelines, 39 individual acoustic monitoring locations were surveyed in the summer of 2023. Collected data files were processed through automatic bat ID software, resulting in 10 species identified, including all targeted federally listed bat species.		
02/22 – 03/24		Programmatic Biological Assessment for the Management of Bats and Transportation Projects, Georgia Department of Transportation, Statewide, GA. Principal Scientist. Prepared a Programmatic Biological Assessment/Biological Opinion between GDOT, U.S. Fish and Wildlife (USFWS), U.S. Army Corps of Engineers, Federal Highways Administration, and Georgia Department of Natural Resources that provides the framework for how GDOT will manage consultation requirements for all of Georgia’s federal and state listed bat species statewide for a variety of transportation projects. Identified and assessed all covered activities for stressors, developed standard avoidance and minimization measures, and prepared a decision-making process for all GDOT project managers to follow.		

08/18 – 11/23	Bridging Kentucky Program, Kentucky Transportation Cabinet (KYTC), Frankfort, KY. <i>Principal Scientist</i>. Repairing or replacing over 1,300 critical bridge structures across Kentucky over the next six years. The program will reopen closed bridges, remove weight restrictions that prevent use by school buses, emergency vehicles and businesses, and improve access and mobility for all Kentuckians. Serves as the principal investigating ecologist for all threatened/endangered species surveys , including bats, freshwater mussels, fish, and plants. Managed and/or completed field surveys on more than 200 bridge locations across Kentucky..
05/15 – 11/22	Indian Creek Water Supply Reservoir, Carroll County Water Authority, Carroll County, GA. <i>Lead Biologist</i>. The Carroll County Water Authority is applying for an Individual Section 404 CWA Permit for the construction of a 401-acre water supply reservoir capable of meeting the unmet water supply needs of Carroll County, a total of six million gallons per day by the year 2065. Responsible for preparation of the compensatory mitigation plan which will provide compensation for impacts to 13 acres of wetlands and over 43,000 linear feet of stream. Managed the project's jurisdictional waters delineation and reporting, mitigation site identification, alternatives analysis , and Section 404 permit application support.
03/18 – 01/22	Fee In Lieu Of (FILO) program – Rolling Fork Floodplain Pre-Design, Kentucky Department of Fish and Wildlife Resources (KDFWR), Nelson and Larue Counties, KY. <i>Lead Biologist</i>. The KDFWR FILO Program provides a way to fulfil compensatory mitigation requirements associated with the Clean Water Act, Section 404 and 401. The 660-acre Rolling Fork Floodplain Project compensates for the permanent loss of aquatic (wetland and stream) functions within the Salt River watershed. Responsible for managing the jurisdictional waters delineation and reporting , fish and macroinvertebrate sampling, bat habitat and sensitive ecological feature assessments, wetland restoration design, protected species surveys , and the biological assessment report .
12/21-03/22	Survey and Relocation of Federally Listed Fish for the Kentucky Highway 2996 Bridge Rehabilitation Project, Kentucky Transportation Cabinet (KYTC), Whitley County, KY. <i>Biologist</i>. As a condition of a Biological Assessment prepared for the rehabilitation of the Highway 2996 Bridge over Wolf Creek, relocated all federally listed fish species present within 50 meters upstream and 100 meters downstream of the bridge location. The stream is a known location for the federally listed blackside dace (<i>Chrosomus cumberlandensis</i>) and the Cumberland darter (<i>Etheostoma susanae</i>). Led a crew of biologists employing electroshocking techniques to perform a depletion collection in the required stream reach and relocation to a predetermined location approximately two kilometers upstream of the bridge. All activities were coordinated with KYTC and US Fish and Wildlife Service, and the contractor was able to complete their work without delay.

Firm employed by:



Name	Colin C. Sarratt, PE	Years of relevant experience with this employer	10
Title	Senior Hydraulics Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS / 2015 / Civil Engineering		
Active registration number / state / expiration date	PE.0046542 / LA / Exp. 09/30/2026		
Year registered	2022	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities	Hydrologic and Hydraulic Analysis		
	Mr. Sarratt has 10 years of experience on transportation projects with a focus on stormwater hydrology and hydraulics and roadway engineering. His expertise includes hydraulic analysis and hydrologic feasibility studies, open and closed conveyance system design, culvert and cross-drain design, post-construction stormwater and water quality best management practices (BMP) design, and 2D bridge hydraulic bridge analysis. He has been responsible for leading hydrology and hydraulics design for schematics, design build, and complete plans, specifications, and estimate (PS&E) plan sets. He is proficient in Microstation, GEOPAK Subsurface utilities, Inroads ,OpenRoads, StormCAD, SMS, and SRH2D.		
Experience dates	Experience and qualifications relevant to the proposed contract		
08/25—Ongoing	LADOTD IDIQ Contract for Hydraulics Section Support, Statewide, Louisiana. <i>Project Manager</i> for this IDIQ contract to provide Hydraulics Section manuals updating , HEC-RAS 1D and 2D watershed modeling, performance and technical review of NFIP no-rise applications, CLOMR and LOMR applications for highway and bridge projects, 2D bridge hydraulic modeling and scour analysis utilizing Aquaveo's SMS software, and general hydrologic and hydraulic analysis.		
09/21 – 04/25	Calton Road Overpass, TXDOT, City of Laredo, Webb County, TX. <i>Project Manager and Drainage Lead</i> for the Calton Road railroad overpass spanning Santa Maria Avenue, the Union Pacific Railroad mainline, and turnaround tracks. The project also includes widening of Calton Rd to maintain access to Santa Maria Avenue due to the proposed overpass. As project manager, Colin kept close coordination between multiple design disciplines and stakeholders including the City of Laredo, TxDOT, and UPRR. The project also included the design of a closed drainage system with additional storage capacity in order to mitigate impacts to the existing drainage system downstream of the project site and still meet hydraulic grade line requirements.		
10/22 – Ongoing	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Replacement (OSBR) Program, District 01, LADOTD. <i>Senior Drainage Engineer.</i> Arcadis prepared preliminary and final plans of six proposed bridges, which included plan and profile sheets, typical roadway sections and quantities, a general bridge plan, traffic detour and road closure details, and relevant signing plans, as well as channel cross-sections. As senior drainage lead for this program, oversaw and prepared all Hydraulic analysis and design.		
06/17 – 03/22	Ogeechee River Bridge Replacement, GDOT, Effingham County, GA. <i>Drainage Lead</i> for the roadway realignment and bridge replacement for two (2) bridges at the SR 119 and Ogeechee River bridge crossing (1 main channel and 1 of 2 overflow bridges). The project involved the creation of a 2D hydraulic model utilizing SMS and SRH-2D to design the proposed multiple bridge configuration along SR 119, determine proposed bridge lengths and elevations, and meet both GDOT bridge design standards and GDOT hydraulic design studies requirements for the proposed configuration.		
02/22 – 04/25	I-10 Calcasieu River Bridge P3, LADOTD, Calcasieu Parish, LA. <i>Drainage Lead</i> Segment 1 of the I-10 Calcasieu Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasieu River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside		

	widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways within the project limits. Project involves the design of both open and closed conveyance systems for Segment 1 between Prater Rd and PPG drive, culvert and cross-drain analysis and design, and outfall analysis utilizing LADOTD HYDR design software.
12/15 – 04/25	GDOT MS4 Permit Compliance (State-wide, GA). <i>Drainage Lead</i> for an ongoing contract to provide program assistance including public education and outreach on stormwater impacts, public involvement/participation , illicit discharge detection and elimination, construction site stormwater runoff control, post-construction stormwater management, pollution prevention/good housekeeping for municipal-type operations, and water quality monitoring and total maximum daily load. Responsibilities include the research and development of GDOTs post-construction stormwater BMP details and example plan sheets for state-wide, creation and development of MS4 related standards and specifications, assisting with the development of GDOT MS4 policy, and MS4 related GDOT Drainage Report revisions.
11/16 – 04/18	FY-17 Bridge Bundles, GDOT, Polk County, GA. <i>Drainage Lead</i> for replacement at Mountain Loop Road over Little Cedar Creek in Polk County, GA as part of the GDOT FY-17 Bridge bundles project. The project involved the creation of a 2D hydraulic model utilizing SM and SRH-2D in order to design the proposed bridge crossing due to the sever skew of the creek under the existing bridge. Responsibilities included the design of the proposed bridge lengths and elevations in order to meet GDOT Bridge design standards and GDOT hydraulic design study requirements for the proposed configuration, H&H report creation, and a bridge deck drainage analysis.
02/23 – 05/23	Shelby Avenue Off-System Bridge Replacement, TxDOT, Hunt County, TX. <i>Drainage Lead</i> for the Shelby Avenue Bridge Replacement Project to replace the existing bridge over Faber Creek as part of the Paris District Off-System bridge PS&E replacement project. Responsibilities included leading the H&H analysis for the bridge crossing for both the existing and proposed conditions, determined and verified peak flows at the existing crossing, performed an impact assessment due to changes in water surface elevations, developed HEC-HMS and HEC- RAS models, and prepared a comprehensive drainage report to document findings.
06/21 – 12/22	TDOT I-65 Widening, Sumner & Robertson Counties, TN. <i>Drainage Engineer</i> for Segment 2 of the I-65 widening project to widen I-65 to three lanes from Highway 31w to south of New Hall Rd that included both inside and outside widening. Project involved the design of numerous closed drainage systems in OpenRoads due to proposed inside widening, determining pre-developed and post-developed peak flows for project outfalls, open conveyance system design, and the design and analysis of multiple culvert and cross-drains crossings throughout the project.
03/22 – 04/24	FM 1209 at FM 969 Intersection Improvements, TxDOT, Bastrop County, TX. <i>Project Manager and Drainage Lead</i> for the FM 1209 at FM 969 Intersection Improvements to reconstruct the existing Y-intersection into a T-intersection, provide full depth reconstruction for both roadways, construction of a right-hand turn lane along FM 1209 EB with additional widening for a future left-hand turn lane, and the construction of a flashing beacon with the anticipation of a future signalized intersection and through lane. Project involved multiple planning considerations due to future developments adjacent to and within close proximity to the project site. The drainage design primarily included both cross-drain and open channel design.
07/22 – 04/25	Grant Rd Widening – Segment 4 (Harris County, TX). <i>Project Manager</i> for the study phase to widen Grant Rd from 2 to 4 lanes with a raised median and south-side sidewalk (Cypress Rose Hill Rd to Telge Rd). Led coordination with Harris County and stakeholders on shared outfall design, stormwater channel expansion, and permitting. Managed subconsultants, traffic studies, and study phase reporting.

Firm employed by:



Name	Lina Khoury, PE, CPESC, CFM		Years of relevant experience with this employer	3
Title	Senior Hydraulics Engineer		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			MS / 2013 / Environmental Engineering / Tennessee State University BS / 2008 / Civil Engineering / Jordan University of Science and Technology	
Active registration number / state / expiration date			Professional Engineer 117663 / TN / Exp. 06/30/2027; Certified Professional in Erosion and Sediment Control No. 9267; Certified Floodplain Manager/ US-19-11213 / Exp. 1/31/2028	
Year registered	2015	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Hydrologic and Hydraulic Analysis	
		Ms. Khoury brings 19 years of experience in hydrology and hydraulics, roadway drainage design, erosion prevention and sediment control design, and state and federal water quality permitting. Lina has a diverse and well-rounded project background having worked in multiple disciplines related to roadway projects. She is licensed in multiple states and is familiar with different state and DOT manuals and guidelines. She has been a trusted client resource as an owner representative and training provided for TN DOT drainage staff. Lina is experienced reviewing plans per LADOTD manuals and drainage tools. She is experienced with multiple design software including, HEC-RAS, HEC-HMS, HY-8, SMS-SRH-2D, FHWA Hydraulic Toolbox, MicroStation, Geopak Drainage, OpenRoads, StormCAD and ArcGIS.		
Experience dates		Experience and qualifications relevant to the proposed contract		
02/22 – 04/25		I-10 Calcasieu River Bridge P3, LADOTD Calcasieu Parish, LA. Drainage Engineer Segment 1 of the I-10 Calcasieu Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasieu River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways within the project limits. Project involves the design of both open and closed conveyance systems for Segment 1 between Prater Rd and PPG drive, culvert and cross-drain analysis and design, and outfall analysis utilizing LADOTD HYDR design software.		
08/25—Ongoing		LADOTD IDIQ Contract for Hydraulics Section Support, Statewide, Louisiana. Project Manager. Arcadis’ task under this IDIQ contract includes Hydraulics Section manuals updating, HEC-RAS 1D and 2D watershed modeling, performance and technical review of NFIP no-rise applications, CLOMR and LOMR applications for highway and bridge projects, 2D bridge hydraulic modeling and scour analysis utilizing Aquaveo’s SMS software, and general hydrologic and hydraulic analysis.		
06/24 – Ongoing		SR107/SR81 Progressive Design Build Bridge Replacement, TDOT, Greene and Washington Counties, TN. Hydraulics, Drainage and Permits Engineer Lead on the emergency progressive design build as an owner representative to review H&H modeling, scour analysis, deck drain design, TVA requirements, roadway stormwater design, water quality permits, environmental compliance plan, and EPSC plans. These projects are considered emergency projects since hurricane Helene washed both bridges and their approaches out. The review included continuous collaboration with the TDOT team and Design-Build contractor.		

03/21 – Ongoing	Bridge Bundle Design Build, GDOT, Multiple Counties, GA. <i>Lead Hydraulics Engineer</i> on the bridge bundle design build to provide owner representation for reviewing and commenting on bridge hydraulics submitted by the design build team. The bundle included six bridge hydraulics studies . One of the bundles is the replacement of the existing bridge (Structure ID 037-5013-0) on County Road (CR) 134/Rice Road over Falling Creek 6.5 miles north of Morgan in Calhoun County, Georgia. Existing right-of-way (ROW) varies between approximately 100-200 feet. No ROW would be required as part of the proposed project. The length of the proposed project would be approximately 1,000 feet.
06/24 – Ongoing	I-55 From South of Mississippi River to North of Mississippi River -CMCG, TDOT, Shelby County, TN. <i>Hydrology and Hydraulics Lead Engineer</i> - Owner Representative for the replacement of the I-55 bridge over the Mississippi River in Shelby County. The scope of work includes preparing 2D H&H analysis in SMS-SRH2D and HEC-RAS2D and provide preliminary scour analysis to FHWA to assist in developing scour analysis through new and updated methodologies. This bridge is in FEMA AE zone, US Coast Guard (USCG) jurisdiction, and US Army Corps of Engineers jurisdiction. Arcadis is also in charge of obtaining a no-rise solution and assist TDOT with a USCG bridge permit application . The project is a reconstruction and widening of I-55 for 1.65. The bridge length is 1.01 miles
02/24 – Ongoing	SR-30 (Old Washington HWY) from Near SR-29 (US-27) to West of New Union Rd./ White Oak Rd., TDOT, Rhea County, TN. <i>Project Manager and Lead H&H QC</i> responsible for reviewing and providing design guidance for the hydraulic modeling of the bridge over Richland Creek. The project is in FEMA zone AE and TVA reservoir. H&H study was completed for the no-structure, existing and proposed bridges. The bridge span arrangement was set to provide vertical and horizontal clearances for TVA in addition to an arrangement to obtain a no-rise solution.
06/24 – Ongoing	SR67 Bridge over the Doe River Emergency Repair, TDOT, Carter County, TN. <i>Hydraulics and Scour Engineering Lead</i> responsible for owner representation for reviewing H&H study and scour analysis for the bridge. Flooding from Hurricane Helene severely damaged the SR-67 concrete arch bridge (Bridge Number 10SR0670029) over the Doe River. The flood caused undermining of the footings, settlement, cracking of the structure along with widespread channel bank erosion and flood debris. This project includes the repair of the existing bridge by stabilization of the substructure, strengthening of the undermined foundations, restoration of the bridge to its original elevation, and bridge repairs.
05/22 – Ongoing	Blue Oval G2 Segments, SR-194, New Route from Northern Interchange to SR-1 & New Route connecting I-40 to SR-59, TDOT, Fayette, Haywood & Tipton Counties, TN. <i>Lead Stormwater Engineer</i> responsible for culvert design, ditch design, erosion prevention and sediment control design, permit sketches, coordination between drainage, roadway and structures , and assisting with water quality permit requirements on plans for the Blue Oval G2 Roadway Improvements. G2 South is approximately 3.3 miles and consists of extending SR-194 from the existing termini at SR-59 to the proposed SR-194/I-40 interchange in Fayette County. G2 South includes three bridges and the design of multiple box culverts. G2 North is approximately 2.1 miles and consists of extending SR-194 from the proposed SR-194/Blue Oval Connector (Proposed SR-468) Interchange in Haywood County to existing SR-1(US-70) in Tipton County. G2 North contains three bridges, including a new structure over an active rail line . All designs and plan development are being done with Bentley OpenRoads Designer (ORD) design software. Arcadis is providing roadway design services and assisting with public involvement, while working in conjunction with other team members providing survey, geotech, material testing, hydraulic design, bridge design, and traffic engineering services.

Firm employed by.



Meets MPR No. 12

Name	Kester Hollier, PE, PTOE	Years of relevant experience with this employer	4
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization	BS / 2004 / Civil Engineering, Louisiana Tech University		
Active registration number / state / expiration date	PE.034304 / LA / Exp. 03/2027; PTOE #3928 / USA / Exp. 11/2027		
Year registered	2009	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities	Traffic and Safety Engineering		
	Mr. Hollier has 20 years of experience in the field of transportation engineering including traffic engineering, signal timing and design, roadway design, complete street improvement projects, roadway safety analysis and design, and construction management and inspection. Working on a wide variety of projects from the planning and conceptual phases to the design and construction phases, has given him the experience to help identify the needs and requirements for projects. This experience allows him to understand stakeholders ranging from local public agencies to state DOTs and helps provide expertise in achieving successful solutions for a variety of projects. He has experience and proficiency in traffic engineering and safety analysis software including IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software.		
	Experience dates	Experience and qualifications relevant to the proposed contract	
	09/12 – 02/16	Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA. Traffic Engineer. Responsible for the feasibility study and traffic analysis along LA 23 (Belle Chasse Highway) between LA 428 (Behrman Highway) and LA 406 (Woodland Highway) for multiple 6-lane bridge alternatives proposed to replace the existing Belle Chasse Tunnel and lift bridge over the Intercoastal Waterway. These alternatives included 3%, 4%, and 5% bridge grades that modified roadway geometry and intersection location. Responsible for the review of roadway design and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the constructability review.	
	11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Project Manager. Responsible for traffic engineering tasks including development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation management plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive historical crash and safety analysis is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.	
	12/17 – 11/19	Causeway Boulevard Widening, Jefferson Parish, LA. Project Manager / Traffic Engineer. Responsible for the traffic and safety study for the proposed widening of Causeway Boulevard between Metairie Rd. and West Esplanade Blvd. in Jefferson Parish, LA. Tasks included data collection, traffic volume redistribution, left-turn placement and turn bay storage length, and existing traffic analysis and future traffic analysis of a preferred alternative .	
	11/17 – 07/20	LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA. Project Manager / Traffic Engineer. Responsible for the traffic study and impacts for the proposed complete streets improvements along the LA 466 corridor between LA 23 and Richard St. in Gretna, Louisiana. Tasks included data collection along the corridor and at designated	

	intersections, safety and crash analysis along the corridor, trip generation/land use and performing existing traffic analysis and future traffic analysis for proposed final alternative . The traffic study was prepared to follow the LADOTD Traffic Engineering Process and Report Guidelines. The project also included a stand alone pedestrian study along the corridor at designated intersection and the design of accessible pedestrian signals at signalized intersections.
07/21 – 07/22	US 61: Cardinal Drive to Bert Street Safety Improvements, LADOTD, St. John the Baptist Parish, LA. Traffic Engineer. Assisted with the development of a Stage 0 Feasibility and Safety Study for the US 61 Corridor in LaPlace, LA. Responsible for traffic and safety analysis tasks for existing, no-build, and build conditions. Analysis was performed using HCS. Purpose of the study was the develop and evaluate feasible alternatives that would address operational and safety needs along the corridor.
06/13 – 04/14	US 190 Roundabout and Pedestrian Improvements, LADOTD, St. Tammany, LA. Traffic Engineer. Responsible for roundabout geometric design and pedestrian and bike path design along the US 190 corridor in the City of Slidell and St. Tammany Parish to improve safety for motorized and non-motorized roadway users.
05/14 – 08/20	Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. Traffic/Civil Engineer. Responsible for the design of traffic control and construction sequencing, pavement marking layout, quantity analysis, cost estimates, and quality control for a new interchange at LA 3139 (Earhart Expwy.) and LA 3046 (Causeway Blvd.) in Jefferson Parish, LA. Provided review for the interchange traffic sign and traffic signal timings and design. Identified all necessary design waivers and design exceptions required for LADOTD approval. Provided geometric layout design, typical section design and review, and joint layout design for several interchange ramps and underpasses.
10/18 – 01/19	LA 22 Traffic Circulation and Corridor Analysis, NORPC, St. Tammany Parish, LA. Traffic Engineer. Responsible for the development of three future alternatives along Northshore Boulevard between I-12 and US 190 in Slidell, LA. Managed data collection and peak period observations to determine existing traffic patterns as well as the safety analysis along the corridor. Developed three alternatives that used a combination of traffic signal retiming, J-turns, and roundabouts to provide better access management along Northshore Boulevard as well as improve traffic flow in the corridor for current and proposed future conditions with consideration given to proposed future developments using trip generation and land use analysis.
05/09 – 07/13	LA 23 Widening (Lapalco Blvd. – Engineers Rd.), LADOTD, Jefferson and Plaquemines Parishes, LA. Traffic/Civil Engineer. Responsible for the roadway design and geometrics for the widening of LA 23 in Jefferson and Plaquemines Parishes between Lapalco Blvd. (LA 428) and Engineers Rd. (LA 3017). Developed traffic analysis for signal timing and required turn bay lengths at intersections . Developed traffic signing plans, pavement marking layouts and temporary traffic control plans.
10/10 – 7/15	Barriere Road Feasibility Study/Traffic Study, US Department of Defense, Plaquemines Parish, LA. Civil/Traffic Engineer. Responsible for the geometric layout and design of the realignment alternatives of Barriere Rd. between LA 23 to the US Naval Air Station. Developed and reviewed traffic analysis for arrival and departure patterns for the South US Naval Air Station entrance gates.

Firm employed by.



Meet MPR Nos. 12 & 13

Name	Ari Deitch, PE, PTOE, PTP, RSP1		Years of relevant experience with this employer	11
Title	Senior Transportation Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			BS / 2012 / Biological Engineering, Louisiana State University	
Active registration number / state / expiration date			PE.0041842 / LA / Exp. 03/2028; PTOE #4346 / USA / Exp. 11/2026 PTP #690 / USA / Exp. 07/2028; RSP #37 / USA / Exp. 12/2027	
Year registered	2018	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Traffic & Safety Engineering	
			Mr. Deitch is a Senior Traffic Engineer specializing in traffic engineering and design, safety, transportation management, and conceptual roadway design. Mr. Deitch has experience managing and working on projects for LADOTD and the City of Baton Rouge, as well as other DOTs across the country, pertaining to NEPA studies , interchange modification / justification reports, Stage 0 feasibility studies, transportation management plans, traffic, and safety studies, pedestrian and bicycle improvements, access management, signal design, and signing and marking design. He has experience and proficiency in IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software. Mr. Deitch has completed LADOTD Traffic Engineering Process and Report Training.	
Experience dates			Experience and qualifications relevant to the proposed contract	
07/14 – 06/23			Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Denham Springs, LA. Traffic Engineer. Responsible for traffic analysis of proposed alternatives using Vissim software. Played a key role in the development of preliminary roadway design drawings incorporating Complete Streets. Work involved completing an Environmental Assessment and Line and Grade and providing traffic engineering services related to improving operations and safety along Range Avenue at the I-12 interchange. Developed an Interchange Modification Report including traffic study results and FHWA Policy Points.	
04/22 – Ongoing			LA 30 (I-10 to EBR Parish Line) Environmental Assessment (EA), LADOTD, Ascension Parish, LA. Senior Traffic Engineer. Responsible for technical advisory of traffic engineering tasks including traffic data collection, peak period observations, volume projections and Highway Capacity Analysis (multi-period analysis using Highway Capacity Software) and ensuring conformance with LADOTD TEPR Requirements.	
03/17 – Ongoing			I-49 Supplemental Environmental Impact Statement (EIS), LADOTD, St. Mary Parish, LA. Senior Traffic Engineer. Responsible for traffic engineering tasks including data collection, volume development, Vissim microsimulation model calibration, and alternative development and analysis . The purpose of the project is to conduct a Supplemental Environmental Impact Statement (SEIS) study to quantify the impacts of converting US-90, which has numerous existing access connections, to a control of access interstate (future I-49) facility. Arcadis developed a unique volume development methodology to estimate the redistribution of traffic that would result from the conversion of US-90 to I-49.	
07/14 – Ongoing			US 11 Environmental Assessment (EA), LADOTD, St. Tammany Parish, LA. Traffic Engineer. Responsible for crash analysis, operating speed tabulations, intersection and corridor analysis, alternative development, and noise modeling for the proposed widening of US 11 between US 190 (Gause Blvd) and I-12 in Slidell, LA. The proposed improvements include replacing a bridge crossing the Norfolk Southern Railroad. This project includes analyzing several innovative alternatives for the proposed corridor, including “superstreets” and J-turn concepts .	

02/22 – Ongoing	I-10 Calcasieu River Bridge P3 (Calcasieu Parish, LA). <i>Traffic Engineer</i> for the I-10 Calcasieu Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasieu River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways within the project limits. Ari's role in the project involves traffic engineering, including the development of a Transportation Management Plan (TMP) and the design of permanent signage, signals, and pavement markings.
11/20 – Ongoing	I-10 CMAR, LADOTD East Baton Rouge Parish, LA. <i>Traffic Engineer.</i> Project includes improvements on Interstate 10 through widening and reconstruction of the mainline from 3 to 4 lanes in each direction, including bridge replacement and rehabilitation, interchange and ramp modification, shoulder widening, and auxiliary lane(s) from LA 415 to Essen Lane on I-10 and I-12. Responsible for wide range of traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports , and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment.
01/19 – 05/20	US 90 Ramps at LA 88 Roundabouts, Iberia Parish, Louisiana. <i>Transportation Engineer.</i> Assisted with permanent signing and striping components of roadway safety design plans for proposed roundabouts.
02/23 – 05/24	District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. <i>Project Manager.</i> Responsible for contract management and technical advisory for this Stage 0 Feasibility study to develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish. The study methodology was similar to that of a Road Safety Assessment, and included historical crash analysis and on-site field reviews to identify pedestrian safety needs. Countermeasures were developed in close coordination with project stakeholders including City of Bossier, City of Shreveport, NLCOG, Downtown Development District, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documented in Stage 0 Feasibility Reports completed for all 7 study corridors with Preliminary Scope and Budget Checklist and Environmental Checklist. Performed benefit-cost analysis to aid in prioritizing the implementation of countermeasures.
04/16 – 09/18	New Orleans Pedestrian Safety Improvements, LADOTD, Orleans Parish, LA. <i>Project Manager.</i> Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes and selecting safety countermeasures for 20 high-risk locations. Developed design drawings for proposed short-term and long-term improvement phases and conducted benefit-cost analysis to inform project prioritization. Conducted safety analysis using Highway Safety Manual predictive methods. Organized and led project stakeholder meetings to review alternatives, obtain feedback, and develop context sensitive solutions. Completed Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists for all 20 intersections.
04/16 – 10/19	I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. <i>Traffic Engineer.</i> Conducted traffic analysis using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Developed conceptual drawings and construction cost estimates to evaluate the feasibility of proposed alternatives.
02/17 – 02/18	I-49 Interchange Safety Improvements, LADOTD, Lafayette Parish, LA. <i>Traffic Engineer.</i> Responsible for data collection and analysis, traffic analysis, and conceptual design drawings. The purpose was to identify feasible improvement alternatives to address safety issues along the I-49 corridor at 3 interchanges. Participated in meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.

Firm employed by.



Meets MPR No. 10

Name	Jose L. Rodriguez, PE		Years of relevant experience with this employer	3
Title	Senior Roadway Engineer		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			BS / 1992 / Civil Engineering, University of New Orleans	
Active registration number / state / expiration date			PE.0030492 / LA / Exp. 03/31/2027	
Year registered	2003	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Line and Grade Study	
 Mr. Rodriguez has more than 26 years of experience with roles of progressive responsibility as a civil engineer performing roadway design, bridge design, project management, hydraulic analysis, utility coordination, construction supervision, cost estimating, and project implementation for various clients in the states of Louisiana, Texas, Georgia, and North Carolina. He was worked closely with the Louisiana Department of Transportation and Development, City of New Orleans Department of Public Works, New Orleans Sewer and Water Boards, Plaquemines Parish, Jefferson Parish, St. Bernard Parish, U.S. Army Corps of Engineers, and New Orleans Regional Planning Commission. Experience includes a wide range of projects including Stage 0 feasibility and safety studies, safety design, Environmental Assessments, and design projects. He has extensive experience in Inroads, Autodesk Civil 3d, and Leap Bridge for Concrete Bridge Design. Mr. Rodriguez served on the American Concrete Institute (ACI) Louisiana Board, becoming president of the Louisiana Chapter in 2010.				
Experience dates				
Experience and qualifications relevant to the proposed contract				
02/22 – 04/25				
I-10 Calcasieu River Bridge P3, LADOTD, Calcasieu Parish, LA. <i>Senior Roadway Engineer</i> for the I-10 Calcasieu Bridge Replacement Public-Private-Partnership (P3) project to replace the existing I-10 bridge over the Calcasie River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways within the project limits.				
04/21 – 04/22				
Lee Drive (Highland Road to Perkins) Final Design Study Report, MOVEBR, East Baton Rouge Parish, LA. <i>Senior Roadway Engineer. Designer</i> , Responsible for coordinating and developing concept drawings to evaluate the geometric feasibility of different roadway alternatives , proposed improvements, and anticipated right-of-way needs. Provided technical guidance to help identify green infrastructure opportunities along the project. Also assisted in the implementation of Complete Street regulations for the corridor. During the alternative’s selection process, conducted cost estimates to evaluate and select the preferred alternative.				
04/23 – 01/25				
LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA. <i>Lead Roadway Engineer.</i> Responsible for preliminary roadway and drainage design for a Stage 0 Feasibility Study to develop and evaluate feasible alternatives for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. The bridge has a high frequency of opening due to marine traffic and low elevation above the river. Arcadis developed several bridge alternatives including fixed and moveable bridge options. Alternatives were evaluated with respect to construction cost, ROW, traffic and safety, and environmental resources. All study methods and results were documented in a Stage 0 Feasibility Report with Preliminary Scope and Budget Checklist and Environmental Checklist.				

01/08 – 05/08	I-12 to Bush Corridor Study Phase III, LADOTD, St. Tammany Parish (STP), LA. Roadway Designer. Responsible for evaluating environmental issues and <i>developing design alternatives in accordance with the National Environmental Policy Act (NEPA)</i> for transportation improvements.
05/12 – 12/15	Earhart Boulevard Causeway Interchange, LADOTD, Orleans Parish, LA. Roadway Designer. Responsible for the <i>geometric design and roadway plan preparation</i> for the Earhart Boulevard-Causeway Interchange. The Earhart Boulevard Causeway Interchange purpose was to assist in traffic congestion relief for the east-west flow in traffic for the New Orleans Metro Area. It consisted of the development roadway and bridge ramps for the creation of an elevated signal-controlled interchange. The estimated construction cost for this project was approximately 59 million dollars. Responsible for the <i>development of all horizontal and vertical alignments</i> and developing all roadway cross sections, drainage design, utility conflict resolution and cost estimating for the project. Bentley InRoads was used for the development of the roadway plans for this project.
02/10 – 06/11	I-10 from Veterans to Clearview, LADOTD, Jefferson Parish, LA. Roadway Designer. Responsible for <i>roadway plan preparation</i> for widening 1.2 miles of I-10 from three lanes to five lanes in each direction. The project also included bridge work to accommodate the new roadway widening. Jose was also responsible for the alignment and design of concrete sound walls along the corridor. He helped implement an innovative two-sided concrete stamp process for the noise wall precast concrete panels.
07/09 – 07/15	Peters Road Expansion, Phases I, II and III, LADOTD, Jefferson and Plaquemines Parishes, LA. Roadway Designer. Responsible for the <i>geometric design, plan preparation</i> and wetland delineation of Peters Road Phases I, II and III. The projects consisted of a new roadway, elevated crossing over the Intracoastal Waterway, approach roadways to tie Peters Road to Louisiana 23 near Barrier Road. The projects were prepared in coordination with the local parishes, LADOTD and the U.S. Army Corps of Engineers.
10/17 – 03/18	Traffic Turn Lanes on Highway LA 3127, Yuhuang Chemical Inc., St. James Parish, LA. Quality Control (QC). Review for the design of two turn lanes into the Yuhuang Chemical Methanol plant. During construction, Jose provided the owner, with <i>construction design services</i> for the duration of the construction phase.
12/15 – 01/16	Magnolia Ridge Levee Project, St. Charles Parish, St. Charles, LA. Quality Control (QC). QC review and plan preparation for the Magnolia Ridge Levee project for St. Charles Parish.
06/04 – 01/11	Causeway Boulevard Interchange Improvements Phase I and II, LADOTD, Jefferson Parish, LA. Roadway Designer. For the project, which consisted of widening Causeway Boulevard elevated structure at Veterans Boulevard and the construction of new at grade and elevated ramps to <i>provide better accesss, improve safety and ease congestion</i> at this heavily traveled interchange. Responsible for evaluating existing girders, the design of new precast concrete girders and the <i>roadway plan preparation</i> for this project. Also, responsible for evaluating and design of new sewer and water lines for the project as well as coordinating the removal and replacement of all utilities affected by the new roadways or/and structure foundations.
02/07 – 10/09	John James Audubon Bridge Approach (Design-Build [DB]), LADOTD, New Roads, LA. Roadway Designer. Responsible for the <i>geometric horizontal and vertical alignment</i> for five approach bridges to the John James Audubon Cable Stay Bridge. The longest cable-stayed bridge in the Western Hemisphere consisting of a 1,583' main span. Also in charge of the quality control for all bridge approaches and the design of all precast concrete girders for the project.

Firm employed by.



Name	David Fulks, PE	Years of relevant experience with this employer	18
Title	Principal Roadway Design Engineer	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization	MS / 2019 / Engineering Management, The George Washington University BS / 1997 / Civil Engineering, Portland State University		
Active registration number / state / expiration date	PE.030151 / LA / Exp. 09/30/2026		
Year registered	2002	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities	Line and Grade Study		
	Mr. Fulks has more than 30 years of experience in the design of roadways and pedestrian facilities, land developments, flood protection systems, and airports. His experience encompasses the analysis and geometric design of highways, streets, sidewalks, restrictive intersections, roundabouts, and interchanges; site hydrology and hydraulics; and traffic impact analysis. His experience has been applied to a range of projects, from Stage Zero feasibility and safety studies to design and construction plan development. His responsibilities have included preparing engineering designs, reports, plans, and specifications; developing and managing project schedules and cost estimates; and providing construction administration.		
Experience dates	Experience and qualifications relevant to the proposed contract		
09/12 – 09/13	US 165 Connector and Ouachita River Bridge Environmental Impact Statement, Louisiana Department of Transportation and Development (LADOTD), Ouachita Parish, LA. Roadway Design Engineer. Prepared roadway and bridge general plan designs, line and grade report development, and cost estimates for a new five-mile elevated highway through Chauvin Swamp north of Monroe, LA. An in-town corridor was also developed, which entailed upgrading Louisville Avenue and Hudson Lane in Monroe, the Lea Joyner Bridge over the Ouachita River, and Stella Street in West Monroe to function as a one-way couplet. Early coordination with Delta Southern Railroad was included.		
09/09 – 03/12	Kansas Lane – Garrett Road Connector Environmental Assessment/Interchange Modification Request, LADOTD, Ouachita Parish, LA. Lead Engineer. Performed geometry and roadway design of the new Kansas City Southern Railroad overpass and connector between Kansas Lane and Garrett Road, including interstate interchange modifications to include two-lane roundabouts at ramp intersections, and three two-lane roundabouts along the corridor outside of the interchange. Improvements to the pedestrian and bicycle facilities were included in accordance with the LADOTD Complete Streets Policy.		
08/11 – 09/13	Chef Menteur Bridge and Approaches Replacement Environmental Assessment and Line and Grade Study, LADOTD, Orleans Parish, LA. Lead Roadway and Bridge Geometrics and Cost Engineer. Prepared proposed geometric configurations of a bridge replacement at Chef Menteur Pass. Investigated four alignments, as well as both low-level moveable and high-level fixed span bridge configurations. Performed detailed geometric layouts of the mainline highway, bridge, and adjacent roadways to mitigate impacts to environmentally sensitive resources and local residential, commercial, and historical interests.		
01/14 – 06/23	Pete's Highway Interchange Alternative and Environmental Assessment, LADOTD, Livingston Parish, LA. Lead Roadway and Bridge Geometrics and Cost Engineer. Completed an Environmental Assessment and traffic engineering services related to improving congestion and operations along Range Avenue in the vicinity of the I-12 interchange. Design alternatives included two split-diamond interchange options with roundabout, partial clover leaves, and collector-distributor road components at both Range Avenue and the next existing eastern overpass at Pete's Highway (LA 16), and a diverging diamond interchange		

	alternative at Range Avenue. <i>Developed roadway geometry, line and grade, construction sequencing strategies, and construction cost estimates.</i>
04/13 – 07/14	US 11 Environmental Assessment, Bridge Replacement, and Roadway Improvements, LADOTD, St. Tammany Parish, LA. <i>Lead Roadway Engineer.</i> Performed <i>geometry and roadway design, line and grade study development, and cost estimates</i> for the replacement of an historic railroad overpass bridge and the upgrading of an existing two-lane rural highway to a four-lane divided highway with access control. Early coordination with Norfolk Southern Railroad was included.
05/14 – 05/15	Joe Sevario / Roddy Road Roundabouts, LADOTD, Ascension Parish, LA. <i>Task Manager and Lead Roadway Engineer.</i> Performed <i>geometric and roadway design and developed cost estimates</i> for the replacement of ten existing stop-controlled intersections with single-lane roundabouts.
07/15 – 06/17	US 190B at Jefferson Ave Roundabout, LADOTD, St. Tammany Parish, LA. <i>Roadway Engineer.</i> Performed <i>geometric and roadway design, prepared preliminary plans, and developed cost estimates</i> for replacing an existing four-way signalized intersection with a single-lane elliptical roundabout.
12/13 – 06/15	LA 3235 Corridor Safety Feasibility Study, LADOTD, Lafourche Parish, LA. <i>Lead Roadway Geometrics and Cost Engineer.</i> Designed geometric layout of safety improvements, including access management, restrictive intersections, and added turn lanes. Developed <i>construction cost estimates for proposed improvements to assess feasibility of proposed alternatives.</i>
11/14 – 10/15	LA 44 and Loosemore Road Roundabout, LADOTD, Ascension Parish, LA. <i>Deputy Project Manager and Lead Roadway Engineer.</i> Performed <i>geometric and roadway design, conducted preliminary subsurface utility investigation, and developed cost estimates</i> for the replacement of an existing two-way stop-controlled intersection with either a single-lane roundabout or two single-lane roundabouts and right-in/right-out control at the existing intersection.
02/15 – 08/17	US 71 Corridor Phase II, LADOTD, Rapides Parish, LA. <i>Roadway Engineer.</i> Provided technical oversight for conceptual design drawing development as part of the preparation of a Stage Zero feasibility study for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Completed Stage Zero documentation, including Preliminary Scope and Budget and Environmental Checklists.
06/00 – 12/00	Hesper and Helios Avenue Street Rehabilitation, Jefferson Parish Engineering Department, Harvey, LA. <i>Roadway Engineer.</i> Completed inspections and developed rehabilitation recommendations for eight blocks of local streets. Rehabilitation required demolition and replacement of concrete road panels, milling and overlay of asphalt surfaces, and installation of drainage inlets and subsurface drainage, as well as replacement of damaged and under-performing subsurface drainage. Performed inspections, <i>collaborated with Parish representatives and utility companies</i> , identified appropriate rehabilitation measures, and produced plans illustrating the rehabilitation recommendations.
02/09 – 4/10	US 90 – WBV 73 Western Tie-In Crossing Lake Cataouatche Area, United States Army Corps of Engineers – New Orleans District, Jefferson Parish & St. Charles Parish, LA. <i>Deputy Project Manager and Lead Roadway and Drainage Engineer.</i> Developed <i>preliminary and final design</i> plans and specifications for a 2,540-foot prestressed concrete girder/column bent bridge, highway approaches, and frontage roadways.

Firm employed by.



Meets MPR No. 11

Name	Victor Sanchez, PE		Years of relevant experience with this employer	2.5
Title	Principal Bridge Engineer		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization			MS / 2017 / Civil Engineering-Structures / Ohio University BS / 1991 / Civil Engineering with a major in Structures / Universidad Autonoma de Santo Domingo	
Active registration number / state / expiration date			PE.0033976 / LA / Exp. 09/30/2026	
Year registered	2008	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Bridge Concept Study	
		Mr. Sanchez is the Lead Bridge and Structural Engineer for Arcadis' Louisiana Operations. Victor is highly skilled with the design and detailing of structures using AASHTO-LRFD, the Louisiana Department of Transportation and Development (LADOTD) Bridge Design Manual, and software applications such as OpenBridge for the modeling and planning of bridges. Project applications include Stage 0 Feasibility Studies, Stage 1 Planning/Environmental, and design projects. He applies sound structural knowledge to perform hand calculations for bridge structural design and possesses strong management skills and a willingness to work collaboratively with different groups inside the organizational team, including clients, other disciplines' engineers, and project managers within the project organization. His exceptional leadership skills, combined with his knowledge of the LADOTD policies, standards, and manuals, make him an ideal team builder.		
Experience dates		Experience and qualifications relevant to the proposed contract		
02/22 – Ongoing		I-10 Calcasieu River Bridge P3 (Calcasieu Parish, LA). Bridge Lead Engineer. The I-10 Calcasieu is one of the first Public-Private-Partnership (P3) projects in Louisiana and entails the replacement of several bridges, including the main structure crossing over the Calcasieu River. The project is divided into three segments. Arcadis is leading the design of Segment 1 that includes the replacement of the WB I-210 Ramp over I-10. The bridge is a six-span bridge that consists of two units, each unit is a three-span continuous curved steel plate girder bridge, and the substructure consists of concrete hammer-head piers on concrete spread footing on precast concrete piles. Role as Bridge Lead Engineer and EOR is to guide a team of engineers and drafters to prepare plans, calculations, and quantity takeoff for the replacement of the WB I-210 Ramp over the I-10, and work along with other partners in coordination meetings with the owner and the contractor for this project.		
10/22 – Ongoing		Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Replacement (OSBR) Program, District 01, LADOTD. Bridge Lead Engineer. Prepared preliminary and final plans of six proposed bridges, which included plan and profile sheets, typical roadway sections and quantities, a general bridge plan, traffic detour and road closure details, and relevant signing plans, as well as channel cross-sections.		
04/23 – 01/25		Stage 0 Studies IDIQ – LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA. Lead Bridge Design Engineer. Responsible bridge design for the Stage 0 Feasibility Study to develop and evaluate feasible alternatives for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. The bridge has a high frequency of opening due to marine traffic and low elevation above the river. Arcadis developed several bridge alternatives, including fixed and movable bridge options. Alternatives were evaluated with respect to construction cost, ROW, traffic and safety, and environmental. All study methods and results were documented in a Stage 0 Feasibility Report with Preliminary Scope and Budget Checklist and an Environmental Checklist.		

06/14 – 07/15	I-10 Over Julia Street, Girder Rehabilitation Project, LADOTD, New Orleans, LA. <i>Bridge Design Engineer / Engineer of Record.</i> Led bridge design to address partial failure of connecting plates attaching girders to straddle bents on an I-10 exit ramp. Scope included replacing a steel cap beam at straddle bent 25w, all connecting plate elements at cap 26w, and analysis/rehabilitation of the affected three-span continuous structure (74'-132'-132'). Coordinated contract documents, plans, calculations, estimates, and provided QC/QA. Supported construction by reviewing and approving contractor shop drawings and calculations.
05/16 – 05/17	Union Pacific Railroad Overpass Near Tioga, LADOTD, Rapides Parish, LA. <i>Lead Bridge Design Engineer / Engineer of Record.</i> The total bridge length is 950' and consists of a main span using steel plate girders as superstructure elements over three continuous spans (210'-275'-210'); the bridge approaches to the main spans consist of two 85' AASHTO type III prestressed concrete continuous spans at the north side and one 85' AASHTO type III prestressed concrete span at the south side. The bridge substructure consists of concrete piers and caps supported on columns, which are supported on drilled shafts and spread footings on drilled shafts. Conducted bridge design as the Lead Engineer and Engineer of Record (EOR), responsible for the contract document preparation, including cost estimating, specifications, final plans preparation, structural calculations, load rating, and coordination for project delivery per LADOTD policies.
04/16 – 12/16	Indian Bayou Bridge and Approaches, LADOTD, Calcasieu Parish, LA. <i>Lead Engineer and Engineer of Record.</i> The total bridge length is 675' and consists of 3 continuous span units with a length of 225', with each unit using precast prestressed concrete girders as superstructure elements over three continuous spans (75'-75'-75'). The bridge substructure consists of concrete piers and caps supported on precast prestressed concrete piles. Served as Lead Engineer and Engineer of Record (EOR), responsible for the contract document preparation, including cost estimating, specifications, final plans preparation, structural calculations, load rating, and coordination of project delivery per LADOTD policies.
04/15 – 03/16	Union Pacific Railroad Bridge at Sicard, LADOTD, Ouachita Parish, LA. (LADOTD). <i>Lead Engineer.</i> This bridge consists of a main span using steel plate girders as main superstructure elements over three continuous spans (102'-175'-102'); the bridge approaches consist of three 84' continuous spans at the north side and to the south side, three 84' continuous spans for a total structure length of 883' located in a straight alignment and skew of 68 degrees concerning a line normal to the center line of the bridge. The main superstructure elements of the approaches are prestressed concrete AASHTO Type IV girders, and the bridge substructure consisted of multi-column bents on concrete footing supported on prestressed concrete piles. Completed plan quality reviews, prepared the bridge load rating report, and assisted the LADOTD Environmental Section in completing the environmental clearance for the project. In addition, provided load rating and construction support, reviewing the shop drawings submitted by the general contractor.
05/18 – 11/19	I-485 from I-77 to US 74; I-485/Weddington Rd Interchange; and I-485 /East John St. - Old Monroe Rd. Interchange (Design-Build), NCDOT, Mecklenburg County, NC. <i>Structural Design Lead and Project Manager</i> for the replacement of two bridges in the project. STR#1 over Westinghouse Blvd. and widening of STR#12 over CSX railroads. STR#1 involves replacing the existing structure over I-485 with two prestressed concrete bridges of lengths 125' and 132', utilizing the 63" Florida-I Beam and integral end bents on steel piles. STR#12, over CSX railway, is a twin bridge on I-485 with a three-span continuous structure and a total length of 165'. The substructure includes stub abutments on steel piles and multi-column bents on spread footings. Managed structural design and local staff coordination to maintain budget control and timely delivery to NCDOT.

Firm employed by.



Meets MPR No. 11

Name	Osama Shahawy, PE		Years of relevant experience with this employer	4
Title	Principal Bridge Engineer		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			MS / 1991 / Civil (Structures), Florida State University BS / 1983 / Civil Engineering	
Active registration number / state / expiration date			PE.0035652 / LA / Exp. 09/30/2026	
Year registered	2001	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Bridge Concept Study	
 Mr. Shahawy has more than 34 years of structural bridge engineering experience working on variety of different projects throughout Louisiana and the Southeast includes Stage 0 Feasibility Studies, NEPA studies, and design. He served as Project Manager or Task Lead on 100+ projects with extensive bridge plan, specification and estimate, rehabilitation and bridge replacement. His experience includes coordinating teams of engineers and other technical personnel on the preparation of bridge PS&E design/ management including on/off-system bridges in rural/urban areas with heavy utilities & complex TCP. Mr. Shahawy has a design background that includes strong construction capabilities—a benefit that guarantees constructible technical solutions and more complete construction documents. Leveraging his decades of experience, he will check accuracy, verify compliance to review comments, and will confirm that agency and stakeholder comments and concerns are addressed.				
Experience dates				
Experience and qualifications relevant to the proposed contract				
10/20 – Ongoing		I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. <i>Lead Bridge Engineer, Engineer of Record.</i> Responsible for Construction Management at Risk (CMAR) to improve Interstate 10 through widening and reconstruction of the mainline from three (3) to four (4) lanes in each direction, including bridge replacement and rehabilitation, interchange and ramp modification, shoulder widening, and auxiliary lane(s) from LA 415 to Essen Lane on I-10 and I-12. Responsibilities include design and detail of the Nairn Dr. Bridge spanning I-10 according to design criteria and LADOTD BDEM with a signature type bridge and preparing conceptual bridge plans required for the right-of-way corridor. Participate in meetings and work with the CMAR Contractor and LADOTD to develop preferred bridge concepts at completion.		
10/22 – Ongoing		Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Replacement (OSBR) Program, District 01, LADOTD, LA. <i>Lead Bridge Design Engineer.</i> Prepared preliminary and final plans of six proposed bridges , which included plan and profile sheets, typical roadway sections and quantities, a general bridge plan, traffic detour and road closure details, and relevant signing plans, as well as channel cross-sections.		
09/21 – 04/25		Calton Road Overpass, TxDOT, Webb County, TX. <i>Lead Bridge Designer.</i> Led final design of the Calton Road Overpass in Laredo, TX, spanning 866 feet over Santa Maria Avenue and Union Pacific Railroad tracks. Developed bridge and roadway plans, including a detailed cost estimate. The design features a 248-foot, two-span continuous steel I-girder unit on column bents, and includes Calton Road widening to maintain access.		
02/23 - Ongoing		Cross Bayou Bridge Replacement, LADOTD, Caddo Parish, LA. <i>Bridge Design Engineer and Project Manager.</i> Conducted Stage 0 Feasibility Study to develop and evaluate alternatives for the replacement of two existing bridges over Cross Bayou. Developed Stage 0 Documentation including Preliminary Scope and Budget and Environmental Checklists. The next phase of the project will be conducted under the same contract and will include the development of construction plans.		

02/22 – 04/25	I-10 Calcasieu River Bridge P3, LADOTD, Calcasieu Parish, LA. <i>Bridge Project Manager</i> for the I-10 Calcasieu Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasie River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways within the project limits.
04/12 – 05/13	LA 1 over I-19 Bridge Rehabilitation, LADOTD, Rapides Parish, LA. <i>Project Manager, Engineer of Record.</i> Provided professional inspection, rehabilitation design, and construction engineering services. The bridge is a four (4) span steel plate girder structure that has uneven settlement and rotation at the abutments which required rehabilitation to stabilize the movement and raise the bridge back to its original as-built elevation. Responsibilities included preparation of geometric layout plan development; bridge design and final plans, specifications and estimates for LA 1 Bridge over I-49 according to LADOTD BDEM. Performed QA/QC, prepared construction cost estimate, reviewed/revised plans based on LADOTD comments.
07/11 – 05/13	MacArthur Drive Bridge Interchange, LADOTD, Rapides Parish, LA. <i>Bridge Design Engineer, Engineer of Record.</i> Led Phase 1 redesign and widening of the interchange, focusing on design changes for Ramps 7 and 8. Designed deck slabs for 18 spans with Trapezoidal and Bulb-T girders, bearing pads, Inverted-T caps, and special pier columns. Oversaw geometric and span layout modifications , and reviewed all plans for compliance with LADOTD standards and quality requirements.
08/20 – 07/21	I-10 New Orleans to Slidell Hard Shoulder Design, LADOTD, Orleans and St. Tammany Parish, LA. <i>Bridge Design Engineer.</i> Conducting bridge design evaluation for the use of Active Transportation and Demand Management (ATDM) strategies on Interstate (I-10). The project is to determine improvements of implementing shoulder lanes on I-10 in New Orleans East area. Responsibilities include preliminary bridge design to determine construction cost for structure widening of EB & WB I-10 based on four (4) scenarios utilizing existing shoulders on I-10, as one of the scenarios. Developed Stage 0 Documentation including Preliminary Scope and Budget and Environmental Checklists.
08/20 – 11/20	Alphonse Forbes Bridge at Sandy Bayou Replacement, City of Baton Rouge, East Baton Rouge Parish, LA. <i>Bridge Design Engineer.</i> Responsible for the replacement of the Alphonse Forbes Road Bridge over Sandy Creek located in Central, Louisiana, in East Baton Rouge Parish. Reviewed final plan and calculations, completed QC design analysis and final bridge structure plans for a five (5) concrete slab span bridge. Provided review comments for final plans and estimated quantities according to LADOTD guidelines.
07/11 – 05/13	I-20 Mississippi River Bridge at Vicksburg, LADOTD, Madison Parish, LA / Warren County, MS. <i>Project Manager, Engineer of Record.</i> The four-lane continuous main steel-truss through-deck bridge covers a total length of 1,716 ft. and a width of 60 ft. The main truss consists of two symmetrical 640.5 ft. cantilever spans and one 435 ft. drop span. The approach spans consist of 101 prestressed concrete spans and reinforced concrete pier caps. Responsible for review of as-built plans and all rehab projects plans; indexed and developed inspection forms; supervised and reviewed results from the 3D computer model; model calibration; performed QA/QC according to LADOTD BDEM and assisted in developing the final report.
07/11 – 06/12	I-10 Calcasieu River Bridge,, LADOTD, Calcasieu Parish, LA. <i>Project Manager, Engineer of Record.</i> Responsible for bridge inspection that include four steel deck trusses as well as a cantilever steel through-truss for the main span portion of the bridge, covering a total length of 6,617 ft. with a width of 62.67 ft. Responsible for review of the as-built and rehab project plans and indexing; developing inspection forms; and review of the results from the 3D computer model.

Firm employed by. 			Meets MPR No. 8
Name	John Lindemuth	Years of relevant experience with this employer	32
Title	Principal Investigator / Archaeologist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		MA / 1994 / Anthropology BA / 1990 / Anthropology / Sociology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Archaeologist	
		Mr. Lindemuth has 23 years of experience in cultural resource management. He has participated in and supervised intensive cultural resources surveys, National Register of Historic Places (NRHP) Eligibility archaeological site testing, and data recovery excavations in nine states. He has experience in both prehistoric and historic site evaluation and excavation. He has analyzed both historic and prehistoric cultural remains for several different projects. Mr. Lindemuth's experience working with governmental agencies at the local, state, and Federal levels has given him a broad knowledge of <u>compliance with Section 106 of the National Historic Preservation Act (NHPA)</u>. Mr. Lindemuth has supervised and participated in chain of title search for historic properties, cultural resources surveys (Phase I), archaeological site testing (Phase II), and data recovery (Phase III). Mr. Lindemuth has also prepared technical reports, which outlined the results of all phases of archaeological investigations as well as agreement documents, such as Memorandums of Agreement (MOAs) and Programmatic Agreements (PAs), and <u>preparation of Section 106 Adverse Effects documentation</u>. Mr. Lindemuth is also familiar with the preparation of artifacts and associated records for permanent curation in accordance with curation guidelines, including those published by the Louisiana Division of Archaeology. Mr. Lindemuth is very familiar with conducting Section (4f) evaluations for LADOTD and Federal Highway Administration when highway improvements have the potential to affect public parks and recreational areas, waterfowl and wildlife refuges, and historic sites. <u>John has completed coursework on Section 106 as shown in Section 20 of this proposal.</u>	
Experience Dates		Experience and qualifications relevant to the proposed contract	
08/18 – 05/20		Cultural Resources Survey of 12.01 Linear Miles and 20 Grading and Construction Easements for the Proposed Rio Grande City Road Improvement Project, Rio Grande City, Texas, Rio Grande Valley Sector, U.S. Customs and Border Protection, Department of Homeland Security, Starr County, Texas. <i>Principal Investigator</i> for the intensive cultural resources survey of 12.01 linear miles of road construction and improvement corridor totaling 57.4 acres. The survey included a pedestrian walkover and excavation of STPs. The survey identified 14 new archaeological sites, revisited and updated two previously identified archaeological sites, and recorded 12 isolated occurrences. Four of the 16 archaeological sites recorded or updated during the survey were recommended for additional testing to determine their eligibility for the NRHP. Directed crews in the field, co-authored the cultural resources technical report, and integrated the findings in the associated NEPA documentation for the project.	
12/13 – 12/14		Phase I Cultural Resources Survey for the Proposed England Airpark Clearing and Grubbing for Wildlife Hazards Control. <i>Principal Investigator</i> for the cultural resources survey of 53 acres for proposed clearing and grubbing. Two archaeological sites, two standing structures, and two isolated finds were recorded during the surveys. None of the sites, standing	

	structures, or isolated finds were recommended eligible for the NRHP. Wrote the technical report outlining the results of the study and also integrated the results into the EA, which was prepared for the project in compliance with the NEPA.
04/14 – 10/17	Archaeological Phase II Testing and Phase III Mitigation and Data Recovery at Two Cultural Resources Sites, The McNutt Plantation (16RA692) and the Weil Property (16RA703), for England Economic and Industrial Development District, Alexandria, Louisiana. Served as the <i>Principal Investigator</i> for the combined Phase II NRHP <i>archaeological site testing</i> and Phase III <i>data recovery</i> excavations for two historic sites located in Rapides Parish, Louisiana. Aided in the development of the Research Design and Work Plan, culling agreement, the management summaries for both the Phase II and Phase III work, the Memorandum of Agreement to address the adverse impacts on the sites, and the combined Phase II and III technical report. The project recovered over 3,000 artifacts dating from the middle nineteenth to twentieth century found in association with multiple features including foundation piers and a belowground cistern. The production of the management summaries allowed for the expedited review of the project so that it could proceed while the final cultural resources report was completed.
07/07 – 01/16	Phase I Survey of the proposed I-69 Corridor, Caddo and Bossier Parishes, Louisiana. Served as <i>Principal Investigator</i> and supervised field investigations during the <i>Phase I cultural resources survey</i> . The project consisted of multiple phases of data collection that were analyzed using GIS and used for the planning of the project corridor. The sources of data included known <i>archaeological sites, known historic standing structures</i> , geomorphology of the area, high- and low-probability zones developed by the principal investigator, the geomorphologist, and field director, and the results of a standing structure survey of a preferred corridor. Phase I intensive cultural resources surveys were conducted on the alignment selected using these criteria. Directed the field investigations and was the primary author of the cultural resources survey report, which outlined the results of the surveys.
09/22 – Ongoing	Class III Cultural Resources Survey of 12-Acres for the Proposed Three Points Border Patrol Station Expansion, U.S. Border Patrol Tucson Sector, Pima, County, Arizona (Arizona Department of Transportation Project Number: H08801R, Agreement CRA-3308-1), CBP. Served as <i>Project Archaeologist</i> for the cultural resources inventory of 12 acres for the proposed expansion of the U.S. Border Patrol Station located in Three Points, Arizona. The project was conducted in association with SWCA Environmental Consultations under their permit for Arizona State Land. Nine isolated occurrences were noted during the surveys, none of which were recommended eligible for the National Register of Historic Places. Coordinated the fieldwork with personnel from both companies and prepared the Arizona State Historic Preservation Office Survey Report Summary Form under the direction of the principal investigator for the project.
03/22 – 02/23	Class I Inventory for Six Proposed Bore Hole Locations at Kartchner Caverns State Park, Cochise County, Arizona. <i>Principal Investigator</i> for a Class I Inventory of proposed bore hole locations in support of a new wastewater treatment facility at Kartchner Caverns State Park. The Class I Inventory included a review of the records in the online AZSITE database as well as a virtual records check of the records houses at ARO. The Class I inventory showed the areas for the proposed improvements and bore hole locations were surveyed over 10 years ago and were not done to today's standards. In addition, two previously recorded archaeological sites were found associated with two of the bore hole locations. Given the results of the Class I inventory, it was recommended that the area be subject to a <i>Class III intensive archaeological survey</i> and the two previously recorded archaeological sites be relocated and updated. Prepared the Class I Inventory letter report outlining the results of the record search and his recommendations.

Firm employed by. GSRC			Meets MPR No. 8
Name	Bretton Somers, PhD	Years of relevant experience with this employer	17
Title	Principal Investigator / Archaeologist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		PhD / 2007 / Geography MA / 2004 / Geography BA / 1994 / Communications	
Active registration number / state / expiration date		RPA / 2026	
Year registered	2005	Discipline	Registered Professional Archaeologist
Contract role(s) / brief description of responsibilities		Archaeology & Historic / Cultural Surveys	
		Dr. Somers joined the team at GSRC as an archaeologist in 2007. His 2007 completion of his doctorate provided him with 6 years of experience in archaeological research, fieldwork, and GIS analysis. With GSRC, Dr. Somers has supervised and participated in over 50 cultural resources investigations including Section 106, Section 110, and environmental compliance projects in 19 states. Dr. Somers has also worked outside the U.S. in Belize and Cuba. This involvement has provided a broad base of experience in prehistoric and historic archaeology across several regions of North America, has allowed him the opportunity to work with numerous tribal and government agencies at the local, state, and Federal levels, and has given him a broad knowledge of cultural resources laws and regulations. <u>Dr. Somers has completed coursework on Section 106 as shown in Section 20 of this proposal.</u>	
Experience Dates		Experience and qualifications relevant to the proposed contract	
03/20 – 05/20		Phase I Archaeological Investigation of the St. Rose to Norco Pipeline, St. Charles Parish, Louisiana. Dr. Somers served as <i>project manager and principal investigator</i> for the intensive Phase I cultural resources survey of 7.4 miles (75.14 acres) of proposed new pipeline from the International Matex Tank Terminal (IMTT) in St. Rose to portions of Shell's Norco Manufacturing Complex facility in Norco in St. Charles Parish, Louisiana. GSRC conducted the investigation on behalf of Ramboll US Corporation (Ramboll) under Section 106 of the NHPA. The investigation included an intensive Phase I archaeological survey combining pedestrian surface inspection with STPs excavated along transects using a high probability predictive model. No archaeological sites were recorded during this investigation. No aboveground/built resources over 50 years of age were recorded within or adjacent to the survey area. As a result, no further archaeological investigations were recommended for the project area.	
02/13 – 12/13		Cambridge Energy Floating Liquefied Natural Gas (FLNG) Facility, Plaquemines Parish, Louisiana. Cambridge Energy, LLC is proposing the construction and operation of a FLNG facility on the Mississippi River in Plaquemines Parish, Louisiana. Assisted in the preparation of resource reports with sufficient information and analysis for the preparation of an EIS. The selected area of potential effect (APE) includes dredging from the navigation channel of the Mississippi River into the batture and natural levee on the east bank of the river across from Venice, Louisiana. A portion of the facility extends eastward into the coastal marsh. The cultural resources investigation involved a terrestrial survey of the high ground portions of the APE, a fan boat inspection of the marsh portion of the APE, and a marine remote sensing survey of the proposed area of dredge activity in the Mississippi River channel. Dr. Somers was responsible for coordination with the Louisiana SHPO, background research, assessing required research needs given the fluvial, terrestrial, and marsh landscape, conducting the terrestrial and marsh fieldwork, coordinating with a team of marine archaeologists to perform the marine	

	remote sensing survey, and synthesizing all data collected into the required reports for the project. No cultural resources were discovered in the initial field surveys of the APE.
08/10 – 11/12	Phase I Cultural Resources Survey for the Proposed Improvements to the New Orleans to Venice Levee Protection Project, Plaquemines Parish, Louisiana, USACE, Vicksburg District. Dr. Somers served as the <i>principal investigator</i> for the Phase I cultural resources survey of approximately 4,208 acres distributed along linear corridors flanking 86.8 miles of the Federal Mississippi River Levee and back levees in lower Plaquemines Parish, Louisiana. The project included restoring, armoring, and accelerated completion of the existing Federal levees on the east bank from Phoenix to Bohemia (15.8 miles of back levee) and on the west bank from St. Jude to Venice (37 miles of back levee and 34 miles of Mississippi River levee) to provide the authorized design grade for storm risk reduction. The project APE included Mississippi River Batture, which is the protected land between the levees and coastal marsh on the outside of the back levees. The investigation resulted in the recovery of several thousand artifacts and the recording of 43 newly discovered Historic period sites. Of the 43 newly recorded sites, examination of field data and laboratory analysis of artifacts resulted in recommendation of one site as eligible, 29 sites as ineligible, and 13 sites of undetermined eligibility for the NRHP.
09/13 – 03/17	Naval Air Station (NAS) Meridian Phase II Archaeological Evaluation of Sites 22LD693 and 22LD697, Lauderdale County, Mississippi. <i>Project Manager/Principal Investigator.</i> Dr. Somers provided overall administrative oversight for the project, including scheduling; cost management; recruiting, hiring, and supervising necessary personnel; and coordinating with the NAVFAC SE Technical Representative and Cultural Resource Manager at NAS Meridian. Additionally, Dr. Somers served as Principal Investigator, developing the work plan for the investigation, supervising, and participating in fieldwork, and preparing the technical report and Powerpoint™ presentation. This project was conducted under Section 110 of the NHPA of 1966, and with its implementing regulations (16 United States Code [U.S.C.] 470h-2[a]). The investigation included an archaeological survey with shovel testing along transects within an area of 2.7 acres for site 22LD693 and 3.66 acres for site 22LD697 to relocate and delineate the boundaries of the sites. Once the sites were relocated, additional shovel testing was conducted to further define the horizontal and vertical site boundaries and to determine concentration areas of cultural material. Test units measuring 1 meter (m) by 1 m wide and 1 m below ground surface were excavated at each site. This investigation revealed that sites 22LD693 and 22LD697 consist of sparse scatters of prehistoric artifacts. As sparse artifact scatters, sites 22LD693 and 22LD697 do not possess the data necessary to determine association with Criteria A, B, or C, but could contribute information pertaining to Criterion D. However, neither site exhibited the potential for cohesive cultural deposits that would indicate a significant cultural presence or activities from which additional information could be obtained.
09/18 – 03/22	Highway 86 Checkpoint, California. <i>Principal Investigator.</i> The investigation was conducted in support of a cooperative effort by USACE, Sacramento District, the Central Valley Flood Protection Board, and the Sacramento Area Flood Control Agency to address seepage and stability issues in approximately 42 miles of levee surrounding the Natomas Basin. The project included multiple tiered tasks including a Kickoff Meeting, Records Search and Literature Review, Geoarchaeological Sensitivity Assessment and Testing Plan, Cultural Resources Survey and development of an Evaluation Plan, development of a Historic Properties Treatment Plan, and Evaluation Testing. Dr. Somers served as project manager and principal investigator for this project and provided overall administrative oversight for the project including scheduling, cost management, supervising necessary personnel and coordinating with the Sacramento District Archaeologist.

Firm employed by.



Meets MPR No. 9

Name	George Rounds, MHP		Years of relevant experience with this employer	2
Title	Architectural Historian		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			MHP / 2014 / Heritage Preservation, Georgia State University BA / 2008 / History minor in Religious Studies AS / 2006 / General Studies, Georgia Perimeter College	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Archaeology & Historic / Cultural Surveys	
		Mr. Rounds is a Qualified Architectural Historian (36 CFR 61) with 13 years of experience in the field of cultural resources management and has worked on a wide range of projects in rural and urban contexts throughout the U.S. He has extensive Section 106 experience conducting historical research, field surveys, historic resource evaluation, and assessment of effects determinations in support of a variety of transportation projects. He also is an experienced Geographic Information System (GIS) technician and has drafted National Register of Historic Places (NRHP) eligibility evaluation statements.		
Experience dates		Experience and qualifications relevant to the proposed contract		
08/23 – Ongoing		I-285 @ I-20 East Side Interchange Reconstruction, Georgia Department of Transportation, DeKalb County, GA. Lead historian for this Federal Transit Administration grant-funded transit improvement project comprising new sidewalk construction, spot repairs, and installation of ADA-compliant pedestrian ramps in several locations throughout the county. Responsibilities included Section 106 early coordination, historic resources survey and evaluation, and production of Historic Resources Survey and Assessment of Effects reports.		
07/23 – Ongoing		American with Disabilities Act Sidewalk Improvements, Cobb County Department of Transportation, Cobb County, GA. Lead historian for this Federal Transit Administration grant-funded transit improvement project comprising new sidewalk construction, spot repairs, and installation of ADA-compliant pedestrian ramps in several locations throughout the county. Responsibilities included Section 106 early coordination, historic resources survey and evaluation, and production of Historic Resources Survey and Assessment of Effects reports.		
06/21 – 02/23		SR 11 From Blue Ridge Street to SR 325/Nottely Dam Road, Georgia Department of Transportation, Union County, GA. Lead historian for this 8.7-mi. widening project with an aggressive schedule and a variety of historic resource types. Project tasks included validation of multiple project historic resources surveys and evaluations that had been undertaken since the project’s notification in 2007 as well as field surveys to identify potential historic resources. These results of these efforts were provided in a Historic Resources Survey Report Addendum IV for 35 historic newly identified historic resources. Following Addendum IV, a detailed assessment of project impacts to 16 resources were provided in an Assessment of Effects report. Mr. Rounds also produced maps and figures for both reports.		
12/21 – 07/22		SR 20 From I-75/Bartow to I-575/Cherokee, Georgia Department of Transportation, Cherokee and Bartow Counties, GA. Lead historian for this 16-mi. widening project. Project tasks included validation of prior historic resources surveys and		

	evaluations, field survey, and evaluation of newly identified historic resources. These efforts culminated in a Historic Resources Survey Report Addendum for 20 historic newly identified historic resources, which were completed within schedule. Responsible for producing maps and figures for the report.
01/15 – 06/21	Cultural Resources Support Contract, Georgia Transmission Corporation (GTC), Statewide, GA. <i>Lead historian/project manager</i> for cultural resources support on a variety of projects throughout the state. Responsibilities included serving as the client point of contact, invoicing, and the timely completion of historic resources surveys, delivery of resource boundaries in a Geographic Information System (GIS) format, and completion of Historic Resources Surveys and Assessment of Effects Reports, for which completed all maps and figures.
05/24-Ongoing	State Route 42 at Norfolk Southern #718418R Miles South of McDonough, Henry County, GA. <i>Historian.</i> Supports Section 106 compliance as the Lead Historian on the post-let General Engineering Consultant team for this bridge replacement project. As the Lead Historian, validated previous reporting, updated resource identification efforts, engaged with design team staff to determine physical, visual, and auditory impacts to cultural resources, and produced required compliance documentation within an aggressive project schedule.
01/24 – Ongoing	State Route 360 from Cheatham Road to County Services Parkway, Cobb County, GA. <i>Historian.</i> Serves as the Lead Historian for this sidewalk installation project along a busy corridor composed of commercial and residential properties, as well as the National Register-listed Kennesaw Mountain National Battlefield Park. Project tasks included assisting with project scoping, validation of prior resource identification efforts, initiation of Section 106 consultation, field survey, and resource evaluation . Also produced maps and figures for the Historic Resources Survey Report.
03/23 – 04/24	State Route (SR) 400 from North Springs MARTA Station to McFarland Road-Express Lanes, GDOT, Fulton and Forsyth Counties, GA. <i>GIS Technician and Historian.</i> As part of the design-build team, served as Historian and GIS technician for the tender phase of this Major Mobility Investment Program design-build project that would construct toll lanes along the northbound and southbound lanes of SR 400. Responsibilities included calculating impacts to ecology resources in ArcGIS Pro from CAD files, reviewing design plans, and providing support to staff for National Environmental Policy Act (NEPA) re-evaluation efforts.
03/19 – 08/20	CR 1515/Willis Foreman Road from SR 4/US 1 TO SR 121/US 25, GDOT, Richmond County, GA. <i>Historian.</i> Served as the lead historian for this widening project. Planned and led the field survey effort and assisted team historians with the evaluation of newly identified historic resources. These efforts resulted in a Historic Resources Survey Report for 28 newly identified historic resources. Responsible for land records research and the production of maps.
10/14 – 04/18	SR 3/Northside Drive from Whitehall Street to Marietta Street, GDOT, Fulton County, GA. <i>Historian.</i> For this major roadway improvement, assisted in the preparation of the Historic Resource Survey (HRS). Tasks included the survey and evaluation of 135 resources comprising commercial, industrial, residential, and district properties. Performed additional research from primary source materials, including Sanborn Fire Insurance Maps, historic aerial photography and topographic maps, city directories and newspaper articles. Due to the quality of survey, research, and evaluations for this project, the team of historians earned accolades from GDOT.

Firm employed by. 			Meets MPR No. 9
Name	Collins Anderson, MHP	Years of relevant experience with this employer	2.5
Title	Architectural Historian	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization	MHP / 2015 / Historic Preservation, Savannah College of Art and Design		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Archaeology & Historic / Cultural Surveys		
	Ms. Anderson is a Secretary of the Interior (SOI)-qualified architectural historian (36 CFR 61) and Subject Matter Expert (SME) with 20 years of experience in the fields of education and historic preservation. She has specialized experience in the southeastern United States and has worked with State Historic Preservation Offices (SHPO) in 40 states. She has Section 106 experience conducting historical research, performing field surveys, resource evaluation, assessment of effects determinations, and creating National Register of Historic Places (NRHP) eligibility evaluations. Collins is a technical writer and provides quality control and quality assurance of historical documents within Arcadis as well as prime verification for consultants. She has professional experience crafting Memorandum of Agreements (MOA) in response to adverse effects on historic properties for federally funded projects. This experience includes the creation of Condition Assessment Reports (CAR), Photographic Archival Recordings (PAR), as well as informative architectural history physical and digital deliverables. Collins can also perform Historic American Buildings Survey (HABS) and National Register of Historic Places (NRHP) nominations.		
Experience dates	Experience and qualifications relevant to the proposed contract		
03/25 – Ongoing	I-75 from I-675 to South of SR 155-Express Lanes, Georgia Department of Transportation, Henry/Clayton Counties, GA. <i>SOI-qualified architectural historian and SME.</i> Duties include Section 106 notification, screening the Area of Potential Effect (APE) for historic above-ground resources, field investigation and report submittal, providing feedback to the team on history topics , informing meetings with the GDOT team, and providing status updates (all on a compressed schedule).		
03/25 – Ongoing	District 2-IIJA Off-Sys Bridge Replacement, Louisiana Department of Transportation and Development, Terrebonne/Jefferson/Plaquemines Parishes, LA. <i>SOI-qualified architectural historian and SME.</i> Duties include tribal packet and Section 106 packet creation, map making, screening the APE for historic above-ground resources, evaluation of historic resources, feedback to the Louisiana team on history topics as well as status updates.		
06/24 – Ongoing	Roundabout Construction at SR 135 at Keith Evans Road, Georgia Department of Transportation, Dawson County, GA. <i>SOI-qualified architectural historian and SME</i> for roundabout construction at SR 135 at Keith Evans Road. Duties include project description creation, Section 106 notification , screening the APE for historic above-ground resources, field investigation and report submittal, providing feedback to the team on history topics, informing meetings with the PMC and GDOT team, and providing status updates.		
11/23 – 05/25	State Road 140 at I-85 Road Widening and Sidewalk Reconstruction, Georgia Department of Transportation, Gwinnett County, GA. <i>SOI-qualified architectural historian and SME</i> for road widening and sidewalk reconstruction on SR 140 at I-85. Duties include Section 106 notification, screening the APE for historic above-ground resources, field investigation and report submittal, providing feedback to the team on history topics, informing meetings with GDOT team, and providing status updates.		

09/21 – 09/22	Trileaf Corporation Telecommunications Tower Project, Federal Communications Commission (FCC), Simpson County, Mississippi. <i>Senior Architectural Historian</i> for an MOA consisting of a Historic Resource Survey (HRS) Report and 43 individual HRS forms for historic resources located within the project Area of Potential Effect (APE). Field survey was conducted for each resource, digital photographs were taken to accompany HRS forms and maps were included for all resources . Digital and hard copies were accepted by the Mississippi Department of Archives and History (MDAH) as mitigation for the telecommunications tower project.
04/20 – 04/21	Trileaf Corporation Telecommunications Tower Project, Federal Communications Commission (FCC), Carroll County, Georgia. <i>Senior Architectural Historian</i> for an MOA consisting of PARs of residential historic buildings and a CAR for the historic Veal School. Digital single-lens reflex camera (DSLR) photographs were taken to accompany maps and documentation on archival paper for the PAR. Additionally, a CAR was conducted for the Veal School with digital photographs taken to accompany the report and maps included. The SOI Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings were consulted , and a preservation plan was advised. Digital and hard copies were accepted by the Georgia SHPO, Carroll County Historical Society, and current Veal School representative of the CAR and PAR as mitigation for adverse effect to historic resources for the telecommunications tower project.
05/20 – Ongoing	Trileaf Corporation Telecommunications Tower Project, Federal Communications Commission (FCC), Madison County, Georgia <i>Senior Architectural Historian</i> for an MOA consisting of creation of an informational brochure. The brochure compares the Craftsman style of architecture to the bungalow house type in Georgia. Craftsman style and bungalow type homes in the city limits of Athens, Georgia were photographed and information on the history and features of both were compiled into a physical and digital brochure. Preservation entities such as the University of Georgia, College of Environment+Design, the Georgia Historical Society, and the Atlanta Historic Preservation Center were contacted as recipients of the brochure. A digital copy was accepted by the Georgia SHPO of the informational brochure as a preliminary telecommunication project mitigation for an adverse effect to historic resources.

Firm employed by: 			Meets MPR No. 15	
Name	James Taylor, MLA, AICP		Years of relevant experience with this employer	15
Title	Senior Project Manager		Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization		MLA / 1996 / Master of Landscape Architecture BS / 1989 / Horticulture		
Active registration number / state / expiration date		AICP #021110 / LA / US		
Year registered	2003	Discipline	Certified Planner	
Contract role(s) / brief description of responsibilities		Public and Stakeholder Outreach		
		James Taylor is a Senior Project Manager and certified urban planner (AICP) with more than 34 years of experience leading public engagement, planning, GIS analysis, and NEPA-compliant outreach for transportation and infrastructure projects. He has played key leadership roles on many of Louisiana's most significant LA DOTD initiatives, including the I-10 Widening Baton Rouge Project, I-10 Improvements, I-49 Inner City Connector, and Mississippi River Bridge South Corridor Study, where he has developed and implemented stakeholder engagement strategies, coordinated public meetings, managed surveys and data analysis, created outreach materials, and ensured compliance with NEPA public involvement requirements. Throughout his career, James has contributed to more than 150 planning and infrastructure projects, combining technical expertise in GIS, demographic analysis, and public engagement to help agencies understand community impacts, communicate complex technical information, and make informed, data-driven decisions that support successful project delivery.		
Experience dates		Experience and qualifications relevant to the proposed contract		
07/25 – Ongoing		Iberville Parish Master Plan Update, Plaquemine, LA. Senior Project Manager. Guides the drafting and implementation of a stakeholder engagement plan. Identifies and informs project stakeholders, provides public engagement coordination , outreach materials, content development, survey deployment and analysis, website management, and documentation of efforts.		
02/25 – Ongoing		Downtown Baton Rouge Master Plan Iii Update, Baton Rouge, LA. Subject Matter Expert. Assists in the creation of the public engagement strategy . Establishes engagement objectives, success measures, and outreach approaches. Provides support in planning and facilitating focus groups and public participation events. Participates in analyzing community input and synthesizing data collected through engagement activities.		
11/20 – Ongoing		I-10 Widening Baton Rouge CMAR, Baton Rouge, LA. Public Engagement Lead. Drafted and guided the implementation of a stakeholder engagement plan. Identifies and informs project stakeholders, provides public engagement coordination, outreach materials, content development , survey deployment and analysis, website management, and documentation of efforts. Maintains compliance with NEPA policy guidelines and best practices.		
01/25 – 04/25		I-10 Washington St. Eb Exit Ramp Closure, Baton Rouge, LA. Senior Project Manager. Developed an environmental justice (EJ) stakeholder and mailing list using demographic analysis and Property Assessor parcel data to support targeted outreach and NEPA-related engagement requirements . Led community engagement efforts through mailed notices, door-to-door canvassing, informational materials, survey coordination, and community information kiosks to gather and		

	document public feedback regarding the proposed exit ramp closure.
02/22 – Ongoing	Mississippi River Bridge South - LA 1 TO LA 30 Pre-Nepa Study: Plaquemine, LA. <i>Public Engagement Lead.</i> Coordinated public engagement, outreach materials content development , survey creation, deployment and analysis, web content management, and design for project exhibits and materials. Maintains compliance with NEPA policy guidelines and best practices. The project is now proceeding into the official NEPA environmental assessment phase, and Franklin’s participation in coordinating public engagement efforts continues.
10/11 – Ongoing	I-49 Inner City Connector (DOTD Stage 1), Shreveport, LA. <i>Visioning and Public Engagement Lead.</i> Managed multiple rounds of public engagement meetings, developed and implemented visioning exercises, advertising, neighborhood canvassing, public input documentation, agency coordination, stakeholder group facilitation , and governmental relations. Assisted in translating technical information into accessible formats during DOTD’s Stage 0 feasibility study and Stage 1 NEPA environmental impact statement for the 3.5-mile connection of I-49 through Shreveport.
05/23 – 10/24	Florida Corridor Master Plan, Baton Rouge, LA. <i>Public Engagement Support.</i> Reviewed and assisted with crafting of the public engagement plan. Provided support in stakeholder identification and engagement, assisted with public meeting facilitation. Designed and assisted with facilitation of stakeholder engagement exercises. Provided historical context and localized facts to consultant team, informing their analysis and recommendations. Assisted with project documentation.
04/23 – 12/23	FUTUREBR Master Plan, Baton Rouge, LA. <i>Public Engagement Lead.</i> Created the stakeholder and public engagement plan. Led venue coordination, guided production of promotional materials , and coordinated with client. Public meeting facilitation and stakeholder interactions. Event and feedback documentation.
10/16 – 08/19	I-10 Improvements (DOTD STAGES 0 AND 1), Baton Rouge, LA. <i>Public Engagement Lead.</i> Drafted and guided the implementation of a stakeholder engagement plan. Organized multiple rounds of geographically distributed public meetings. Directed two scientific telephone poll surveys by the LSU School of Public Policy, augmented with an online poll advertised through traditional and social media. Assisted with meeting facilitation, stakeholder and elected officials’ engagement, and documentation. Led all survey development, data analysis of community stakeholder input , and project documentation.
10/23 – 10/24	Evangeline Corridor Action Plan, Lafayette Louisiana. <i>Public Engagement Support.</i> Assisted with coordination of public engagement and venue preparations. Assisted with facilitation of stakeholders and general public meetings . Meeting documentation support and photography. Planning content review and critiques. Project website content preparation and formatting. Drafting of narrative.
02/20 – 02/22	University Lakes Project, Baton Rouge, LA. <i>Communications Consultant.</i> Coordinated stakeholder and public engagements, including virtual meetings during COVID; and later outdoor festival-style engagement efforts. Developed outreach material content , assisted in creating and deploying public surveys. Guided project website development and managed content updates.

Firm employed by:



Name	Angela Noote	Years of relevant experience with this employer	3
Title	Public Outreach Project Manager	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization	BA / 1991 / Communications – Public Relations		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Public and Stakeholder Outreach		



Angela Noote leads Franklin Associates' project communication efforts with more than 30 years of communications experience as a writer, editor, marketer, communications director and lobbyist. She has contributed to crisis communications/reputation management for clients benefiting from her messaging and brand management experience. Her tailored communications plans emphasize increasing engagement through a variety of channels including social media, traditional media, and the web. She is certified in data analytics and focuses on capturing key engagement metrics to make data-driven decisions on messaging while providing detailed data reports to clients.

Experience dates	Experience and qualifications relevant to the proposed contract
2024 – Ongoing	Belle Chasse Bridge And Tunnel Replacement Project, LADOTD, Belle Chasse, LA. Communications Project Manager. Manages all communications for the project as Deputy Public Information Officer. Supports tolling education through public channels including newsletter, media releases, and social media posts. Fields all public inquiries and research and create timely responses. She Keeps the public updated on construction progress, traffic impacts, and as the official media spokesperson of the project, schedule, participate in, and track amount, tone, and sentiment of media coverage.
2023 – Ongoing	I-49 Inner City Connector, NLCOG, Shreveport, LA. Communications Project Manager. Led public outreach for the final Phase 0 public meeting for the I-49 Inner-City Connector in Shreveport. This included stakeholder engagement, media relations, meeting promotion, and all meeting logistics followed by a detailed report for DOTD including a summary of the tone and sentiment of public comments. Maintains and updates the project's website content.
2023 – Ongoing	University Lakes Improvement Project, LSU, Baton Rouge, LA. Communications Project Manager. She leads all media relations efforts , including organizing interviews and tracking the amount, tone, and sentiment of media coverage.
2023 – Ongoing	I-10 Calcasieu River Bridge Replacement Project, LADOTD, Lake Charles, LA. Deputy Public Information Manager. Writes and disseminates public notices and press releases concerning project updates and impacts to the community. Maintains documentation of and coordinates responses to inquiries related to all aspects of the project, including residents, business owners, and government leaders. Presents information to the public via social media, open houses, community education events, and meetings with special interest groups. Tracks and reports on monthly communications metrics.
2023	Operations Assessment, East Baton Rouge Parish Library, Baton Rouge, LA. Communications Project Manager. Developed a change management plan to impact internal culture and aid in employee retention within the library system. Performed extensive audit encompassing surveys and focus groups , creating a detailed report with recommendations and a move-forward action plan.

Firm employed by. 			Meets MPR No. 3 & 4	
Name	Daniel Burgin, INCE		Years of relevant experience with this employer	<1
Title	Air & Noise Practice Lead		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS / 2013 / Atmospheric Science, Purdue University		
Active registration number / state / expiration date		TNM 2.5 Training (2013); NTI Transportation Conformity Training (2015); EPA MOVES Training (2024); NTI Transit Noise and Vibration Training (2019); Certified, Institute of Noise Control Engineers		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Air and Noise Studies		
		Mr. Burgin is an experienced Air Quality and Noise Specialist with a strong background in ensuring project and program-level compliance for transportation agencies. From 2013 to 2018, he served as the Air Quality and Noise Specialist for the Kentucky Transportation Cabinet (KYTC), where he ensured adherence to Air Quality Conformity under the Clean Air Act and Federal Highway Administration Mobile Source Air Toxic (MSAT) Guidance for NEPA analysis. Daniel led interagency consultations to assess "Project of Air Quality Concern" status for PM2.5, prepared numerous qualitative MSAT analyses, and served as the reviewer and approver for quantitative MSAT analyses. Daniel also performed Type I Noise Analysis for KYTC and reviewed Noise Analysis studies prepared by consultants for KYTC projects. Daniel continued his career with the Oregon Department of Transportation from 2018 to September 2025 where he served as the Noise Program Coordinator preparing noise studies for highway projects as well as analysis of construction noise and quarry noise and noise impacts to wildlife. Daniel has experience with Traffic Noise Model Version 2.5 and Version 3.2 as well as the Roadway Construction Noise Model.		
Experience dates		Experience and qualifications relevant to the proposed contract		
08/24 – 11/24		US101 Reedsport Lane Reconfiguration, Oregon Department of Transportation, Reedsport, OR. Noise Analyst-NEPA Phase. Prepared a Type I noise study for this project to restripe existing pavement to add an additional through lane. The project had a sense of urgency because a previous road diet project created unexpected traffic issues for locals, and the solution was to restripe to add a second northbound through lane back to US 101 through the town of Reedsport. Collected noise measurements and validated a noise model built in TNM 3.2 which was used to perform the analysis. Also authored the Noise Technical Report and noise related documentation for the NEPA document. All of this was completed in a timely manner so that the restriping could take place during the next dry season.		
05/25 – 06/25		Big X Interchange (OR99/OR238/OR62), Oregon Department of Transportation, Medford, OR. Noise Analyst-Post letting NEPA Re-Evaluation. When it became apparent to the project manager that it would be advantageous to add an additional 400 feet of paving to a Type I project which was already in construction, took action to complete an addendum to the traffic noise study to include the new area. This was complex because the additional area was adjacent to a densely developed residential area with an existing concrete privacy wall built by the developer. Took noise measurements behind the wall to validate a TNM 3.2 model developed which included the wall as a noise barrier. This led to the analysis finding the residences behind the developer wall not impacted by traffic noise. Also authored the Addendum to the Noise Technical Report. The schedule from when it was decided to do the study to its completion was less than 8 weeks, allowing the on-site contractor to add paving this area to the schedule during paving season. Used innovative ArcGIS tools to generate files formatted to be opened in TNM 3.2 which helped this schedule to be met.		

11/18 – 09/25	I-5 Rose Quarter Project, Oregon Department of Transportation Portland, OR. <i>Noise Reviewer - NEPA Phase and Post NEPA Project Delivery.</i> ODOT's primary reviewer for the I-5 Rose Quarter project. The project adds auxiliary lanes to I-5 through downtown Portland, OR to address weaving issues. One noise barrier for a park and school is feasible and reasonable.
11/25- Ongoing	I-285 at I-20 East Interchange Reconstruction, ICE Engineering, DeKalb County, GA. <i>Lead Noise Analyst - Final Design of Noise Abatement.</i> Mr. Burgin provides ongoing support to this project performing noise analysis of noise abatement barriers that have changes during construction of this Design Build project . One example is that in November 2025 the footprint of one noise barrier needed to be shifted closer to the highway to accommodate the placement of drainage features within the right of way. Daniel used TNM 2.5 to model the performance of the barrier in its new position and compare it to the Noise Impact Assessment as well as another previously approved design of the barrier. Multiple memoranda documenting the final design of noise barriers have been transmitted to the prime consultant for them to submit to the project owner, the Georgia Department of Transportation.
11/25 – 12/25	SR 156 From CR232 to Point 1 Mile East Passing Lanes, Georgia Department of Transportation Gordon County, GA <i>Air Quality Analyst.</i> Prepared the Air Quality Assessment for a project to add passing lanes to a 0.6 mile section of roadway. Since the project was state funded the analysis consisted of documenting transportation conformity.
10/25 – Ongoing	I-285 Westside Express Lanes, Georgia Department of Transportation Fulton and Cobb Counties, GA. <i>Lead Noise Analyst / Air Quality Analyst.</i> Leading the ongoing effort to complete the Noise Impact Analysis for this project which proposes to add separated express lanes to approximately 8 miles of I-285 between I-75 and I-20. The analysis is being done using TNM 2.5. The project area is very complex and has many existing noise walls . Also assisting with preparation of the Air Quality Impact Analysis which will include a quantitative Mobile Source air Toxics (MSAT) analysis prepared using the MOVES model.
11/21 – 04/24	Interstate Bridge Replacement Program, Oregon Department of Transportation, Portland, OR and Vancouver, WA <i>Noise Reviewer – NEPA Phase.</i> Led ODOT's review of the Noise and Vibration Analysis for the Interstate Bridge Replacement Program. The project includes replacing the I-5 bridges across the Columbia river connecting Oregon and Washington, reconstructing 5 miles of I-5, and adding light rail service to Vancouver, WA. As of the Noise and Vibration Technical Report for the Draft SEIS, 11 noise walls are feasible and reasonable.
08/13 – 10/18	Highway Projects Statewide, Kentucky Transportation Cabinet, Frankfort, KY. <i>Air Quality and Noise Specialist.</i> For all KYTC highway projects with noise analysis or project-level air quality analysis needs, was the responsible party for handling those needs. This included leading Interagency Consultation efforts for projects in PM 2.5 Nonattainment or maintenance areas in compliance with the Clean Air Act, as well as preparing MSAT analysis and technical writing for NEPA. Prepared Type I noise analysis for several projects. Whenever noise or air quality work was put out to be performed by a contractor, served as the reviewer and approver for KYTC.
04/21 – 11/21	Portland Region 2020 Traffic Performance Report, Oregon Department of Transportation Region 1, Portland, OR. <i>GHG Modeling Reviewer.</i> Daniel assisted the Air Quality Program Coordinator in using MOVES 2014b to determine emission rates for Carbon Dioxide equivalents (CO ₂ e) to support a discussion of Greenhouse Gas Emissions in the report. Duties consisted of troubleshooting MOVES run specifications and checking the output for any indications of error.

Firm employed by. 			Meets MPR No. 4	
Name	Justin Maderia, PE, PTOE, PTP		Years of relevant experience with this employer	18
Title	Senior Transportation Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 2005 / Civil Engineering; BS / 2004 / Civil Engineering		
Active registration number / state / expiration date		PE.0038492 / LA / Exp. 03/31/2028; PTOE #3455 / USA / 07/01/2027; PTP #604 / 07/01/2028		
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Air and Noise Studies		
		Mr. Maderia's experience in transportation engineering includes safety studies, feasibility studies, traffic flow/demand modeling, spot speed studies, micro-simulation modeling, and traffic noise modeling. His experience with safety studies includes crash review and analysis, development of safety improvements and countermeasures, and application of Highway Safety Manual (HSM) methodologies to evaluate the effectiveness of safety improvements. He has also served as the project engineer responsible for the design of highway projects. Specific design experience includes maintenance of traffic design, traffic control plan design, roadway geometry, horizontal and vertical alignment design. His software program experience includes IHSDM, AutoCAD, MicroStation, Geopak, AutoTurn, SignCAD, GIS, TNM, CORSIM, VISSIM, HCS and all Microsoft Office Applications. Mr. Maderia has completed LADOTD Traffic Engineering Process and Report Training.		
Experience dates		Experience and qualifications relevant to the proposed contract		
06/13 – 03/16		US-11 Environmental Assessment (EA) - Traffic & Noise, Louisiana Department of Transportation & Development; Slidell, Louisiana. <i>Transportation Engineer.</i> Responsible for developing existing and future traffic volumes, growth rate estimation, alternative evaluation, preliminary traffic signal timing analysis, and crash analysis. This project includes replacement of the bridge over the Norfolk Southern Railroad and widening the roadway from a two-lane undivided to a four-lane divided roadway for the segment of US 11 between I-12 and US 190 (Gause Boulevard) in Slidell. The project study area is comprised of Synchro analysis for six signalized and four unsignalized intersections.		
12/11 – 07/13		Chef Menteur Bridge and Approaches Route US 90 Environmental Assessment (EA), Louisiana Department of Transportation & Development; Orleans Parish, Louisiana. <i>Design Engineer.</i> This project involves the Environmental Assessment completion for proposed improvements to the Chef Menteur Bridge and Approaches. The proposed project includes replacing the existing Chef Menteur Pass Bridge and Approaches, located in Orleans Parish on U.S. Highway 90. The project calls for a replacement bridge with two 12-foot-wide travel lanes and 10-foot-wide shoulders on each side. The logical termini were approved by the Federal Highway Administration (FHWA). The study area extends along US 90 from US 11 to Louisiana Highway 433. <i>The study is conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise Policy and Guidance issued by FHWA in 1995 and the LADOTD's statewide policy, titled Department of Transportation and Development Highway Noise Policy.</i> Worked as a design engineer conducting traffic noise impact assessment portion of the study.		
08/12 – 05/13		I-210 Cove Lane/Nelson Road Interchange Improvements Environmental Assessment (EA), Louisiana Department of Transportation & Development; Calcasieu Parish, Louisiana. <i>Design Engineer.</i> This project involved the Environmental Assessment completion for proposed improvements to I-210 between Cove Lane and Nelson Road. The project included improvements along I-210 and the adjoining local street network. The interchange improvements provide access to future development and address future traffic needs. The study was conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise		

	Policy and Guidance, issued by FHWA in 1995, and the LADOTD's statewide policy, titled Department of Transportation and Development Highway Noise Policy. Worked as a design engineer, conducting traffic noise impact assessment portion of the study.
01/06 – 01/10	Noise Impact Assessment for Revive285 - Environmental Impact Statement (EIS), Georgia Department of Transportation, Georgia. Design Engineer. This project studies existing conditions and eight alternatives for a 12-mile corridor along Interstate 285 between Interstate 75 and Interstate 85. It includes managed lanes, Bus Rapid Transit (BRT) and Light Rail Transit (LRT) system. The study area has a mixture of residential, apartment, commercial and office land uses. <i>The study was conducted in accordance with policies and procedures prescribed in Highway Traffic Noise Policy and Guidance issued by FHWA in 1995 and GDOT's statewide policy, titled Highway Noise Abatement Policy for Federal-Aid Projects.</i> Conducted the traffic noise impact assessment, safety study including crash analysis, conceptual signing and pavement marking plans, and Synchro analysis at all ramp termini.
03/12 – 03/14	Noise Impact Assessment for SR 144 Widening from CR 100/Timber Trail to CR 154/Belfast Keller Road, GDOT, Bryan County, Georgia. Design Engineer. This project proposes to widen SR 144 to provide an urban four-lane section of roadway with a 20-foot raised grass median, 4-foot bike lanes, and 12-foot shoulders. The proposed project would extend from its western terminus at Milepost (MP) 11.197 north of CR 100/Timber Trail Road to its eastern terminus at MP 16.240 just south of CR 154/Belfast Keller Road. The project is approximately 5 miles in length. <i>The study was conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise Policy and Guidance issued by FHWA in 1995 and the GDOT's statewide policy, titled Highway Noise Abatement Policy for Federal-Aid Projects.</i> Worked as a design engineer, conducting traffic noise impact assessment portion of the study.
06/11 – 06/12	Noise Impact Assessment for Busbee-Frey Connector, GDOT, Cobb County, Georgia. Design Engineer. This 0.5-mile-long project involves adding a 0.5-mile new connector roadway over I-75 between Frey Road and Busbee Drive over I-75 in Cobb County. The proposed roadway has two 12-foot travel lanes in each direction, a 20-foot raised concrete median, 12-foot-wide right- and left-turn lanes at Frey Road and Busbee Drive, and 17.5-foot shoulders consisting of 10-foot sidewalks, a 2-foot grass strip, and 30-inch curb and gutter. <i>This study was conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise Policy and Guidance issued by FHWA in 1995 and GDOT's statewide policy, titled Highway Noise Abatement Policy for Federal-Aid Projects.</i> Worked as a design engineer, conducting traffic noise impact assessment portion of the study.
05/13 – 12/15	Noise Impact Assessment for Panola Road Corridor Improvements, GDOT, DeKalb County, Georgia. Design Engineer. Panola Road is an urban principal arterial that provides access to both residential and commercial properties and to Interstate 20 in western DeKalb County. The arterial improvement project, between the intersections of Panola Road with Snap finger Road (SR 155) and Covington Highway (SR 12), includes widening the existing roadway and constructing bicycle lanes, sidewalks, and medians along the 5.5-mile long widened roadway. <i>The study was conducted in accordance with policies and procedures prescribed in Highway Traffic Noise Policy and Guidance issued by FHWA in 1995 and GDOT's statewide policy, titled Highway Noise Abatement Policy for Federal-Aid Projects.</i> As design engineer, conducted the traffic noise impact assessment portion of the study.
05/09 – 05/10	Noise Barrier Construction CUY-71-16.40 Project, Ohio Department of Transportation, Cuyahoga County, Ohio. Design Engineer. The project consisted of a 2-mile noise barrier study and construction project extending from West 25 to Fulton Avenue along I-71 in Cuyahoga County. Project entailed field survey, noise analysis, barrier layout and design, estimation and public involvement. An innovative feature of the project was mounting standard concrete noise wall panels atop an existing retaining wall. This solution avoided additional right-of way-impacts to adjacent property owners and reductions to the collector- distributor roadway shoulder. Served as the design engineer responsible for the noise barrier design.

Firm employed by: THE LAKVOLD GROUP Commercial Real Estate Appraisers			Meets MPR No. 14
Name	Angela Lemoine-Lakvold	Years of relevant experience with this employer	26
Title	Real Estate Appraiser	Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization	Master / 1999 / Business Administration BS / 1985 / Business and Public Administration, Numerous classes and seminars on various real estate topics 1986 - Present		
Active registration number / state / expiration date	State Certified General Appraiser #G0575; / LA / Exp. 12/31/2027		
Year registered	1992	Discipline	General Real Estate Appraiser
Contract role(s) / brief description of responsibilities	Conceptual Stage Relocation Plan		
	Ms. Lemoine-Lakvold, one of the principals holds the MAI and SRA designation from the Appraisal Institute and a Right-of-Way – Appraisal Certification from the International Right-of-Way Association. The firm specializes in expropriation work and has worked on numerous projects over the last few years to acquire right-of-way for road widening projects, pipelines, and conservation servitudes. The firm has also <u>completed several Conceptual Stage Relocation Plans</u> for preliminary projects in various locations throughout the state. The Lakvold Group is certified as a Disadvantaged Business Enterprise (DBE) and Small Entrepreneurship with Louisiana Economic Development, Hudson Initiative (Certification Number 9533). The Lakvold Group, LLC has completed numerous appraisal projects and Conceptual Stage Relocation Plans for LA Department of Transportation and Development as well as various other public entities.		
Experience dates	Experience and qualifications relevant to the proposed contract		
01/26 – Ongoing	I-10 Calcasieu River Bridge Public Private Partnership (P3) Project, LADOTD, Calcasieu Parish, Louisiana. Completed the Conceptual Stage Relocation Plan for the project as part of the Environmental Assessment. Currently working on the appraisals for the acquisition of the required right-of-way for this design-build project.		
01/14 – 12/14	Perkins Road- Siegen Lane to Highland, Road, LADOTD, East Baton Rouge Parish, Louisiana. Prepared the Conceptual Stage Relocation Plan for proposed corridor improvements. Responsibilities included evaluating potential residential and commercial impacts, identifying potential relocations, conducting market research, and preparing relocation documentation to support preliminary project development.		
01/15 – 12/15	(Design-Build), US 90 (Future I-49) La 318 Interchange, LADOTD, St. Mary Parish, Louisiana. Completed a Conceptual Stage Relocation Plan to assess potential right-of-way and relocation impacts associated with proposed interchange improvements. Services included field reviews, impact assessments, market analyses, and preparation of relocation planning documentation.		
01/17 – 12/17	Old Hammond Highway (LA 426) Segment 1, LADOTD, East Baton Rouge Parish, Louisiana. Evaluated potential real estate impacts associated with roadway improvements and prepared a Conceptual Stage Relocation Plan . Tasks included property impact assessments, relocation evaluations, housing market research, and report preparation.		
01/18 – 12/18	Interstate 10/Loyola Interchange Improvements, LADOTD, Jefferson Parish, Louisiana. Completed the Conceptual Stage Relocation Plan based on preliminary project information and later updated the plan to address a revised study area. Services included viewing the project area, analyzing real estate impacts, determining potential relocations, researching the		

	market area and real estate inventory, and preparing the Conceptual Stage Relocation Report for inclusion in the Environmental Assessment.
01/18 – 12/18	LA 447 Corridor Study, Route LA 447, LADOTD, Livingston Parish, Louisiana. Prepared a Conceptual Stage Relocation Plan for proposed corridor improvements. Performed property impact evaluations, relocation analyses, market research, and development of supporting documentation for transportation planning and environmental review.
01/18 – 12/18	Cook Road Imp: LA 16 to Juban Crossing, LADOTD, Livingston Parish, Louisiana. Prepared a Conceptual Stage Relocation Plan for roadway improvements, including evaluation of affected properties, relocation feasibility assessments, market analyses, and preparation of relocation planning reports.
01/18 – 12/18	Cane River Bridge Church Street, Route LA 1-X, LADOTD, Natchitoches Parish, Louisiana. Assessed potential real estate and relocation impacts associated with bridge replacement improvements. Services included field investigations, market area research, identification of relocation needs, and preparation of relocation planning documentation.
01/19 – 12/19	US 90 Pearl River Bridges, Route US 90, St. Tammany Parish, Louisiana and Hancock County, Mississippi. Evaluated potential relocation impacts associated with bridge replacement improvements crossing state boundaries. Responsibilities included reviewing affected properties, assessing relocation needs, conducting market research, and preparing conceptual relocation documentation .
01/19 – 12/19	US 80 Widening: Vancil Road to Well Road, LADOTD, Ouachita Parish, Louisiana. Prepared a Conceptual Stage Relocation Plan in support of roadway widening improvements. Services included property impact assessments, relocation analyses, market inventory reviews, and development of relocation planning documentation.
01/25 – 12/25	New Orleans Gateway Program 0 Jefferson Highway Rail Crossing, LADOTD, Jefferson Parish, Louisiana. Completed Conceptual Stage Relocation Plan based on preliminary information. Updated the plan after consult with various government entities. Plan included viewing the project area, analyzing real estate impacts, determining potential relocation and researching market area.
03/25 – 07/25	Gurney Road Bridges Over Drainage Canal, East Baton Rouge Parish, Louisiana. Provided appraisal services for properties impacted by the replacement of two existing bridge structures. Prepared valuation reports supporting right-of-way acquisition and project development activities for this transportation improvement project.
05/24 – 05/25	Jimmie Davis Bridge (LA 511) (HBI), Caddo Parish and Bossier Parish, Louisiana. Completed appraisals in support of the replacement of the Jimmie Davis Bridge and associated transportation improvements. Conducted property valuations and provided right-of-way support services to facilitate project delivery and property acquisition efforts.
03/24 – 10/24	LA 3125 @ LA 3274 Roundabout, St. James Parish, Louisiana. Provided appraisal services in support of construction of a new roundabout at the intersection of LA 3125 and LA 3274. Conducted property valuations for impacted parcels and assisted with right-of-way acquisition efforts required for project implementation.
06/22 – 10/23	Jones Creek Road Extension, East Baton Rouge Parish, Louisiana. Completed appraisals for properties affected by the extension of Jones Creek Road from Tiger Bend Road to Airline Highway. Prepared valuation reports and supported acquisition activities associated with development of the new roadway alignment.

"Project dates shown reflect period of participation and are approximate based on available project records."

Firm employed by ARCADIS			Meets MPR No. 5
Name	Michael Stevens, PG	Years of relevant experience with this employer	3
Title	Geologist, Certified Project Manager	Years of relevant experience with other employer(s)	11
Degree(s)/Years/Specialization		BS / 2012 / Geology, Louisiana State University MS / 2014 / Geology, University of Houston	
Active registration number/state/expiration date		PG-1268 / LA / Exp. 07/17/2027	
Year registered	2018	Discipline	Geology
Contract role(s)/brief description of responsibilities		Phase I ESA	
		Mr. Stevens is a Louisiana-licensed Professional Geologist with over ten years of experience conducting and managing Phase 1 and Phase 2 environmental site assessments, RECAP site investigations, corrective actions, and remediations on superfund sites, industrial facilities, refineries pipeline releases, brownfields site, and dry cleaner sites. He possesses project management experience in the oil and gas and chemical sectors. Mr. Stevens has performed environmental reports review and evaluation, and site investigations under the Louisiana Risk Evaluation/Corrective Action Program (RECAP). Mr. Stevens is skilled in planning, coordination, and delivery of efficient field programs to drive projects to completion.	
Experience Dates		Experience and qualifications relevant to the proposed contract	
05/23 – Ongoing		Historic Fuel Terminal, Acadia Parishes, LA. Project Geologist on a geologically complex former fuel terminal and production facility. Responsibilities include project review and implementation of ongoing site investigations and remedial activities under the RECAP regulatory framework. The site is currently undergoing active soil and groundwater delineation related investigations and LNAPL removal from two groundwater bearing zones.	
05/25 – Ongoing		Oil Refinery, St. Bernard Parishes, LA. Project Manager responsible for Corrective Measures Implementation at a crude oil refinery in accordance with USEPA-issued Administrative Order including monthly O&M activities and biennial groundwater monitoring. The ongoing corrective actions involve the measurement, tracking and manual removal of phase separated liquids from groundwater.	
06/25 – Ongoing		Oil and Gas Terminal, Bienville Parish, LA. Project Geologist responsibilities include the review of past data and RECAP Evaluations, to address deficiencies noted by the regulatory body, and write an updated RECAP Evaluation report. The updated RECAP Evaluation was successfully used to reduce the semi annual sampling requirement from 24 to five monitoring wells. After documenting compliance, site was granted No Further Action status after the site had been opened and active since 1980's	
07/26 – Ongoing		Phase 1 ESA, Hutchens, TX – Wichita Falls TX – Albuquerque, NM. Project Manager responsible for overseeing preparations, coordination, execution, and reporting for a property transaction Phase I Environmental Site Assessment in three locations.	
05/24 – Ongoing		Railroad Lease Property, St. John the Baptist Parish, LA. Wetland Delineator. Performed a wetland determination along a designated corridor chosen alternate alignment. Performed field work and recorded data. Compiled data and authored a wetland delineation report and provided it to client. Participated in project public meeting with partners and state agencies.	
05/23- 12/25		Diesel Pipeline Release, St. Bernard Parish. Project Geologist. Responsibilities include overseeing the excavation of impacted soil from a pipeline release and the collection of confirmation samples. Worked with the regulatory body for approval of the sampling plan and wrote the corrective action report following the successful removal of the impacted soils.	

03/18 – 04/23	LDEQ, Inactive and Abandoned Sites, ~50 sites Across Louisiana. <i>Project Geologist.</i> Responsibilities included the preparation, planning, and execution of RECAP site investigations for inactive sites with historical releases or operational impacts in Louisiana with regulatory oversight. Projects involved a review of the site history, work plan development, project implementation, data evaluation, and writing RECAP Site Investigation Reports. Work was completed on various light industrial and commercial facilities which included soil and groundwater investigations, monitoring well installation, aquifer testing, indoor air, sub-slab and soil vapor, and the use of screening tools such as TarGOST, MIP, and OIP for the delineation of subsurface nonaqueous phase liquid.
03/18 – 04/23	EPA Region 6/LDEQ, Brownfield Site Assessments, ~20 sites (LA, AR, OK, TX, NM). <i>Project Geologist.</i> Responsibilities included preparation, planning, and execution of site investigations for historically impacted sites for the purpose of redevelopment. Planned and executed the field work and wrote the reports for Phase I and Phase II Environmental Site Assessments involving soil, groundwater, indoor air, and soil vapor impact.
03/18 – 04/23	Environmental Due Diligence, Phase I ESA's, ~ 20 sites, New Orleans Metro Area, Louisiana. <i>Project Geologist.</i> Responsibilities included preparing, conducting, and writing Phase 1 Environmental Site Assessments for due diligence investigation related to property transactions.
03/15 – 03/18	EPA Region 6, Superfund Sampling and O&M, ~5 sites, Houston, TX. <i>Field Geologist.</i> Responsibilities included the following: collecting, evaluating, and interpreting groundwater, soil, soil vapor data. Experience included monitoring well installations, ground water injections, tracer testing, subcontractor oversight, waste management, and map and report preparation.
03/15 – 03/18	TCEQ, Dry Cleaner Remediation Program, ~20 Sites, Houston, TX. <i>Field Geologist.</i> Responsibilities included collecting, evaluating, and interpreting groundwater, soil, soil vapor data. In addition, experience with monitoring well installations, groundwater injections, subcontractor oversight, waste management, map, and report preparation.
03/15 – 03/18	D.R. Horton, Phase I Environmental Site Assessments, ~5 site Houston, TX. <i>Field Geologist</i> Responsibilities included preparing, conducting, and writing Phase 1 Environmental Site Assessments for new development suburban neighborhoods.
03/15 – 03/18	TXDOT, Environmental Site Assessments, Vidor, TX. <i>Field Geologist.</i> Responsibilities included performing environmental assessments under a traffic control safety plan, door-to-door sensitive receptor and water well survey, soil boring and sampling, monitoring well installation, and groundwater sampling related to a former gas station removed during the expansion of TX State Highway 12.

Firm employed by. 			Meets MPR No. 5
Name	Logan Mccardle		Years of relevant experience with this employer
Title	Biologist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2013 / Biology BS / 2009 / Ecology, Environmental Science, and Evolutionary Biology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Phase I ESA	
		Mr. Mccardle has over 14 years of experience conducting ecological field studies. He has participated in wildlife surveys and monitoring efforts in southeastern Louisiana, the Lower Rio Grande Valley in Texas, and throughout the northern coast of the Gulf of Mexico. His field experience includes population monitoring and survey work with federally listed and candidate species including the Pacific fisher (<i>Pekania penanti</i>), giant garter snake (<i>Thamnophis gigas</i>), loggerhead sea turtle (<i>Caretta caretta</i>), Kemp's Ridley sea turtle, piping plover (<i>Charadrius melodus</i>), arroyo toad (<i>Anaxyrus californicus</i>), Yosemite toad (<i>Anaxyrus canorus</i>), Sierra Nevada yellow-legged frog (<i>Rana sierrae</i>), interior least tern (<i>Sternula antillarum</i>), Brand's phacelia (<i>Phacelia stellaris</i>), saltmarsh bird's beak (<i>Cordylanthus maritimus</i> ssp. <i>palsutris</i>), Zapata bladderpod (<i>Physaria thamnophila</i>), and Tamaulipan kidneypetal (<i>Ayenia limitaris</i>).	
Experience Dates		Experience and qualifications relevant to the proposed contract	
06/25 – 02/26		Phase I Environmental Site Assessment for Dawson Creek Drainage Improvement Project, East Baton Rouge Parish, Louisiana. <i>Field Investigator/Technical Preparer.</i> GSRC was contracted to conduct a Phase I Environmental Site Assessment (ESA) on 75.9 acres representing most of the land area owned by Louisiana State University (LSU) Pennington Biomedical Research Center in East Baton Rouge Parish, Louisiana. Responsible for conducting all aspects of the ESA in accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-21 (ASTM E1527-21) and the Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 Code of Federal Regulations [CFR] Part 312). This included performing the site reconnaissance, government record searches, conducting site owner and user interviews and preparing the ESA report.	
08/24 – 02/25		Phase I Environmental Site Assessment for Proposed New Wellesley Island Border Patrol Station Location #4: Thousand Islands Bridge Authority Property, Jefferson County, New York. <i>Field Investigator/ Technical Preparer</i> GSRC was contracted to conduct a Phase I Environmental Site Assessment (ESA) on portions of two property parcels in Jefferson County, New York, totaling 64.5 acres. Responsible for conducting all aspects of the ESA in accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-21 (ASTM E1527-21) and the Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 Code of Federal Regulations [CFR] Part 312). This included performing the site reconnaissance, government record searches, conducting site owner and user interviews and preparing the ESA report.	
12/23 – 11/24		Phase I Environmental Site Assessment for East Pascagoula, Jackson County, Mississippi. <i>Field Investigator/Technical Preparer</i> GSRC was contracted to conduct a Phase I Environmental Site Assessment (ESA) on approximately 17.13 linear miles representing the planned route of a new wastewater reclamation force main and planned Eastern Jackson County Consolidated Water Reclamation Facility (EJCCWRF) in East Pascagoula, Jackson County, Mississippi. Responsible for conducting all aspects of the ESA in accordance with American Society for Testing and Materials (ASTM) Standard Practice	

	E1527-21 (ASTM E1527-21) and the Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 Code of Federal Regulations [CFR] Part 312). This included performing the site reconnaissance, government record searches, conducting site owner and user interviews and preparing the ESA report.
08/23 – 01/24	Phase I Environmental Site Assessment for Proposed New Wellesley Island Border Patrol Station Location #4: Thousand Islands Bridge Authority Property, Jefferson County, New York. <i>Field Investigator/ Technical Preparer.</i> GSRC was contracted to conduct a Phase I Environmental Site Assessment (ESA) on two adjoining parcels located in the Town of Clayton along the southern bank of the St. Lawrence River in Jefferson County, New York. The southern parcel was approximately 1.71 acres. The northern parcel was approximately 17.1 acres. Responsible for conducting all aspects of the ESA in accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-21 (ASTM E1527-21) and the Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 Code of Federal Regulations [CFR] Part 312). This included performing the site reconnaissance, government record searches, conducting site owner and user interviews and preparing the ESA report.
02/22 – 04/22	Phase I Environmental Site Assessment for the Eagle Pass Soft Sided Facility, U.S. Border Patrol, Del Rio Sector, Texas. <i>Field Investigator/Technical Preparer.</i> GSRC was contracted to conduct a Phase I Environmental Site Assessment (ESA) on approximately 60 acres of undeveloped, semi-disturbed <i>Tamaulipan mezquital</i> vegetation in Maverick County, Texas. Responsible for conducting all aspects of the ESA in accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-21 (ASTM E1527-21) and the Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 Code of Federal Regulations [CFR] Part 312). This included performing the site reconnaissance, government record searches, conducting site owner and user interviews and preparing the ESA report.
12/18 – 05/19	Phase I Environmental Baseline Survey for Eglin Air Force Base (AFB)-East Okaloosa County Sewer Transmission Main. Ft. Walton Beach/Niceville, Okaloosa County, Florida. <i>Field Investigator/Technical Preparer.</i> GSRC was contracted to conduct a Phase I EBS on a 6.67-mile-long corridor on Department of Defense (DOD) property in Okaloosa County, Florida. This site is the proposed location of a sewer transmission pipeline for transporting municipal wastewater to the Eglin Main Base Lift Station. Responsible for conducting site reconnaissance and preparing the EBS report.
06/18 – 08/18	Phase I Environmental Site Assessment for Coastal Forest Resources Company Alabama and Tennessee Tracts. <i>Field Investigator/Technical Preparer.</i> GSRC was contracted to conduct a Phase I Environmental Site Assessment (ESA) on 35 tracts of land totaling 46,929 acres distributed across Jackson, DeKalb, Marshall, and Madison Counties, Alabama and Grundy, Sequatchie, Coffee, Warren, and Franklin Counties, Tennessee. These tracts were owned and managed for timber harvest and temporary storage of harvested timber by Coastal Forest Resources Company (CFRC). Responsible for American Society for Testing and Materials (ASTM) standard ASTM E1527-13, which defines good commercial and customary practices in the U.S. for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 USC 9601) and petroleum products. This included performing the site reconnaissance, government record searches, conducting site owner and user interviews and preparing the ESA report.

Firm employed by.



Name	Jan Grenfell Hughes	Years of relevant experience with this employer	3
Title	Senior Environmental Planner	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization	BA / 1984 / Anthropology, Louisiana State University		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Section 4(f)/6(f) Evaluations; NEPA Technical Assistance		



Ms. Hughes brings **28 years of experience with the LADOTD Environmental Section** overseeing the National Environmental Policy Act (NEPA) process for proposed transportation projects, as well as preparing NEPA, Section 106 of the National Historic Preservation Act, and Section 4(f) of the U.S. DOT Act documentation for FHWA and U.S. Coast Guard. Jan had primary responsibility for authoring NEPA documents, including the Airline Highway Environmental Assessment for FHWA for which a FONSI was issued, and the Oaklawn Bridge Categorical Exclusion Reevaluation approved by FHWA. In addition to the projects listed below, throughout her career Jan has provided oversight for numerous staff and consultant prepared NEPA documents for LADOTD and local entities. She has also coordinated with federal, state, and local agencies on other environmental issues. She has conducted public involvement activities, including meetings and hearings. Jan was a project team member in the development of the 2015 Louisiana Historic Bridge Inventory and Section 106 Programmatic Agreement for Treatment of Louisiana Historic Bridges.

Experience dates	Experience and qualifications relevant to the proposed contract
02/24 – Ongoing	I-10 Calcasieu River Bridge Public Private Partnership (P3) Project, LADOTD, Calcasieu Parish, LA <i>Technical Reviewer</i> for preparation of NEPA re-evaluations and associated technical studies for this P3 project to replace the I-10 Calcasieu River Bridge and construct 5.25 miles of interstate improvement along I-10. Attends Environmental coordination meetings with LADOTD, Owner's Verification consultant, and the P3 team. Completed technical reviews for a NEPA Re-Evaluation and public meeting materials for alternative design advanced by the P3 team.
02/23 – 05/24	Safety Studies IDIQ - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. <i>Environmental Planner.</i> Responsible for performing desktop and field environmental reviews to identify and document environmentally sensitive areas. The purpose of study was to develop and evaluate safety countermeasures to address pedestrian safety needs on sevrn corridors within Caddo and Bossier Parish. Study data, methods, and results were documented in Stage 0 Feasibility Reports with Preliminary Scope and Budget Checklist and Environmental Checklist.
04/24 – Ongoing	I-20 Widening Monroe, LADOTD, Ouachita Parish, LA. <i>Environmental Planner and Public Meeting Coordinator.</i> Assisted with required wetland studies and the development of a Wetlands Finding Report using the latest FHWA criteria. Assisted with the coordination and execution of a public meeting to obtain public and stakeholder input. Prepared public meeting report.
11/22 – Ongoing	US 11 Norfolk Southern Railroad, Route US 11, Environmental Assessment/FONSI, LADOTD, St. Tammany Parish, LA. Coordinating with LADOTD regarding the NEPA Re-Evaluation of the EA/FONSI for proposed widening of US 11 between US 190 (Gause Boulevard) and I-12 in Slidell. Proposed improvements include the replacement of a bridge crossing the Norfolk Southern Railroad. This included technical studies to support the Environmental Assessment including wetlands and biological resource identification, Phase I Environmental Site Assessment, traffic noise and air quality analysis, socio-economic and community impact evaluation, and secondary and cumulative effects analysis.

10/22 - Ongoing	IJIA Off System Bridge Replacements Program – District 02, LADOTD, Multiple Parishes <i>Technical Reviewer</i> for replacement of six (6) off-system bridges in LADOTD District 02. Responsibilities include technical/QAQC review of deliverables for this bridge bundle including <i>Solicitation of Views (SOVs), Section 106 National Historic Places Act compliance documentation, and NEPA Programmatic Categorical Exclusions.</i>
10/22 – 05/23	LA 16 (Pete’s Highway)/I-12 Interchange, Route LA 16, Environmental Assessment, LADOTD, Livingston Parish, LA. Coordinated with LADOTD to revise the <i>Draft Environmental Assessment</i> to incorporate the rewritten construction phasing section of the document.
10/22 – 05/23	Rural Bridges Initiative II, Districts 02, 03, 07, 61, and 62, LADOTD. <i>Technical Reviewer.</i> Completed technical/QAQC reviews of <i>NEPA Programmatic Categorical Exclusion</i> documents for multiple bridge replacement projects.
02/94 – 08/98	Airline Highway (US 61), Florida Boulevard to Just North of Jefferson Hwy., Environmental Assessment/FONSI, LADOTD, East Baton Rouge Parish, LA. <i>LADOTD NEPA Lead.</i> Widening of this approximately 3.5-mile portion of Airline Highway from four lanes to six lanes. Responsible for handling the NEPA process and primary responsibility for authoring the <i>Environmental Assessment with Programmatic 4(f) Statement</i> for an adjacent park for FHWA for which a FONSI was issued.
01/11 – 05/15	Bayou Teche Bridge at Oaklawn, Route LA 323, Categorical Exclusion Re-Evaluation, LADOTD, St. Mary Parish, LA. <i>LADOTD NEPA Lead.</i> Replacement of this historic, one lane, swing span bridge built in 1942 with a two-lane bridge on existing alignment. Responsible for handling the NEPA process and primary responsibility for authoring the NEPA document approved by FHWA. Also handled the <i>Section 106 Consulting Parties process, preparation of the Section 106 Memorandum of Agreement and Programmatic Section 4(f) Statement</i> for adverse impact to the bridge, and the historic bridge marketing and draft agreement for LADOTD’s first ownership transfer of a historic bridge to another entity for alternate use.
03/02 – 03/05	Huey P. Long Bridge, Route US 90, Environmental Assessment, LADOTD, Jefferson Parish, LA. <i>NEPA Lead</i> for widening of the this historic highway/railroad bridge from two 9-foot-wide lanes to three 11-foot-wide lanes. Oversaw the NEPA process and consultant preparation of the NEPA document for U.S. Coast Guard. Handled coordination with the New Orleans Public Belt Railroad and SHPO and prepared the <i>Section 106 Memorandum of Agreement</i> for adverse impact to the historic bridge.
01/15 – 02/19	Inner Loop Extension (LA 3132), E. Flournoy Lucas Rd (LA 523) to Future I-69 Corridor, Environmental Assessment, LADOTD and City of Shreveport, Caddo Parish, LA. <i>LADOTD NEPA Lead.</i> Extension of the Inner Loop on new alignment as a four-lane control of access facility from LA 523 to Future I-69 with interchanges and upgrades to adjacent roadways. Responsible for oversight of the NEPA process and consultant preparation of the Environmental Assessment for FHWA.
04/01 – 12/06	I-49 South, Wax Lake Outlet to Berwick, Route US 90, EIS/ROD, LADOTD, St. Mary Parish, LA. <i>LADOTD NEPA Lead.</i> Upgrade of this 9.3-mile portion of US 90 to a four-lane facility with frontage roads meeting interstate standards. Responsible for oversight of the NEPA process and consultant preparation of the NEPA document for FHWA which was approved as an <i>Environmental Impact Statement (EIS)/Record of Decision (ROD).</i>
07/15 – 02/19	I-49 South, I-10 to Lafayette Regional Airport, Route US 90/US 167, Supplemental Environmental Impact Statement (SEIS), LADOTD, Lafayette Parish, LA. <i>LADOTD NEPA Lead.</i> Preparation of a SEIS that includes follow-up to commitments made in the 2003 Record of Decision (ROD) for the upgrade of this 5-mile portion of US 90/US 167 in urban Lafayette to a six-lane facility with frontage roads meeting interstate standards. Responsible for oversight of the NEPA process and the consultant NEPA work, which includes <i>extensive public involvement.</i> Also carried out the SEIS initiation process and re-initiation of the Section 106 process.

Firm employed by: **ARCADIS**

Name	Jessica Kern	Years of relevant experience with this employer	3
Title	Program Planner	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization	BS / 2013 / Environmental Science, Western Carolina University MPA / 2017 / Public Administration, Western Carolina University		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Section 4(f)/6(f) Evaluations; NEPA Documentation		
	Mrs. Kern has 8 years of experience in environmental planning in the southeastern U.S. Prior to joining Arcadis, she served as a NEPA Planner with the Georgia Department of Transportation (GDOT) evaluating environmental effects and environmental documentation for transportation projects. Her area of expertise includes the National Environmental policy (NEPA), Georgia Environmental Policy Act (GEPA), and Section 4(F) of the U.S. Department of Transportation (USDOT) Act. She is experienced working with the Federal Highway Administration (FHWA), US Army Corps of Engineers (USACE), US Fish & Wildlife Service (USFWS), US Coast Guard (USCG), National Oceanic Atmospheric Association (NOAA), Georgia Department of Natural Resources Coastal Division (CRDNR), and the State Historic Preservation Office (SHPO). Since 2018, Mrs. Kern has worked almost exclusively on transportation projects.		
Experience dates	Experience and qualifications relevant to the proposed contract		
07/24 – Ongoing	I-285 Westside Express Lanes, GDOT, Fulton/Cobb Counties, GA. Deputy NEPA Analyst for an Environmental Assessment (EA) for the implementation of express lanes along a 10-mile segment of I-285 from Benjamin E. Mays Drive to Paces Ferry Road in Fulton and Cobb Counties, GA. Responsibilities include managing the public involvement process, coordinating the environmental schedule to secure timely deliverable submittals, authoring the EA, and confirming compliance with NEPA and other Federal and State regulations.		
07/22 – 06/24	SR 17 From SR 172 to Royston Bypass, GDOT, Elbert and Hart Counties, GA. Lead NEPA Analyst for preparation of environmental documents in compliance with GEPA for improvements to 18 miles of SR 17 consisting of a four-lane divided roadway on new location. This project was part of the Governor's Road Improvement Program (GRIP) to stimulate growth, address existing safety issues, and add capacity. Project corridor contained extensive historic resources and wetlands. Special studies included to an air quality assessment, noise impact report, and practical alternatives report.		
12/22 – 10/23	SR 1/SR 24/ US 70 S Communication Infrastructure, TDOT, City of Nashville, TN. NEPA Analyst that prepared the CE for the City of Nashville and TDOT for a project which upgraded communications infrastructure along the project corridor.		
12/22 – 10/23	SR 24/ US 70 Communication Infrastructure, TDOT, City of Nashville, TN. NEPA Analyst that prepared the CE for the City of Nashville and TDOT for a project which upgraded communications infrastructure along the project corridor.		
08/22 – 02/23	2020 Rural Bridge Replacements (LA35, Drain Canal), LADOT, LA. NEPA Analyst that prepared the PCE Checklist for the LADOT for a project which proposed to replace the Drain Canal Bridge locate along Louisian State highway 35 approximately five miles southwest of Lawtell in St. Landry Parish, Louisiana.		
08/22 – 02/23	2020 Rural Bridge Replacements (LA10, Mill Creek), LADOT, LA. NEPA Analyst that prepared the PCE Checklist for the LADOT for a project which proposed to replace the Mill Creek Bridge locate along Louisian State highway 10 in Allen Parish, Louisiana.		

08/22 – Ongoing	SR 5 @ CR 174/CR 198 Roundabout Improvements, GDOT, Douglas County, GA. <i>NEPA Analyst</i> for preparation of a CE in compliance with NEPA for the conversion of a stop-controlled intersection to a multi-lane roundabout.
05/24 – Ongoing	SR 25 at Darien River Bridge, GDOT, McIntosh County, GA. <i>NEPA Analyst</i> for a Categorical Exclusion (CE) and individual 4(f) for the SR 25 bridge replacement over the Darien River in McIntosh County, GA. Responsibilities include coordinating the environmental schedule to secure timely deliverable submittals , coordinating heavily with environmental subject matter experts (SMEs), authoring the CE and Individual 4(F) document, and ensuring compliance with NEPA and other Federal and State regulations.
05/24 – Ongoing	SR 25 Spur East at Mackay River, GDOT, Glynn County, GA. <i>NEPA Analyst</i> for a Categorical Exclusion (CE) for the SR 25 bridge replacement over the MacKay River in Glynn County, GA. Responsibilities include coordinating the environmental schedule to maintain timely deliverable submittals, coordinating heavily with environmental subject matter experts (SMEs), authoring the CE document, and validating compliance with NEPA and other Federal and State regulations.

Firm employed by.



Name	Rhonda Tilt		Years of relevant experience with this employer	14
Title	Senior Planner		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			BS / 1995 / Geophysics, University of Delaware	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Section 4(f)/6(f) Evaluations	
			Ms. Tilt has more than 15 years of experience leading environmental compliance efforts for a variety of transportation projects. Her experience includes projects ranging in complexity from pedestrian improvements, intersection improvements, bridge replacement, and new location roadway projects. She has a thorough understanding of environmental laws and regulations, such as the Endangered Species Act, Section 106 of the National Historic Preservation Act, and Section 4(f) of the USDOT Act. She has successfully led public involvement efforts and prepared Environmental Assessments (EAs), Categorical Exclusions (CEs), and Programmatic Categorical Exclusions (PCEs) in accordance with National Environmental Policy Act (NEPA) and Georgia Environmental Policy Act (GEPA). Her responsibilities include coordinating with environmental subject matter experts (SMEs) to identify resources while adhering to schedules, collaborating with design teams to minimize/avoid impacts to environmental resources, and authoring environmental documents that comply with NEPA, the Federal Highway Administration (FHWA), GDOT, and other federal, county and city officials.	
Experience dates			Experience and qualifications relevant to the proposed contract	
06/16 – 09/20			Kennesaw Mtn National Battlefield Multi-Use Trail EA Cobb County DOT, Cobb County, GA. NEPA Lead. Responsible for preparation of an FHWA/GDOT EA, FHWA/GDOT FONSI, NPS FONSI/Non-Impairment Statement, and FHWA/GDOT Re-evaluation for approximately 3.8 miles of pedestrian trails through and adjacent to Kennesaw Mtn National Battlefield. The Environmental Assessment required public involvement and coordination with multiple federal agencies and local governments, as well as studies related to the cultural landscape that were critical to the preservation of this Civil War battlefield.	
06/18 – Ongoing			Region 1 General Engineering Services (Multiple Projects), GDOT Ridge Valley and Upper Piedmont Region, GA. NEPA Lead Responsible for environmental compliance on projects ranging from intersection improvements to rural bypasses . Initiated and coordinated environmental resource identification, technical studies, public involvement efforts, and authored NEPA documents while adhering to the P6 schedule. Projects examples include. - PI 0009901, I-20 at Waco Road, Programmatic Categorical Exclusion (PCE) and Re-evaluation (Construction Year - 2023) - PI 0016106 SR 6 at SR 100/Canal Street PCE & Re-evaluation (Construction Year – 2023) - PI 0017970 Watkinsville Bypass Alternative Analysis (Construction Year – 2023) - PI 621600/662420 S/SE Rome Bypass EA Re-evaluation (Construction Year – 2023)	
03/21 – 03/22			General Engineering Consultant Services On-Call. State Route 316, GDOT Office of Innovative Delivery Design-Build and P3, Barrow/Oconee Counties, GA – NEPA Lead. Responsible for NEPA compliance and alternative analysis for three Design-Build projects on SR 316 that consist of reconstructing existing at-grade intersections into grade-separated crossings. Initiated and coordinated environmental resource identification, technical studies, and public involvement while collaborating with design	

	and SMEs to align with the projects' schedules. Public Involvement efforts included two Public Information Open Houses (PIOH), a live streamed stakeholder meeting, and a live streamed Q&A session.
06/18 – Ongoing	Operational Improvement Program (Multiple Projects), GDOT, Region 2, GA. GEPA/NEPA Lead. Responsible for environmental compliance on multiple intersection. Special studies include historic and archaeological resources, natural resources, air quality, and noise. Authored environmental screening documents, coordinated with environmental subject matter experts, authored <i>NEPA documents, and coordinated Public Involvement efforts</i>. Improvements include modern roundabouts, Continuous Flow Intersection, reconfiguring multiple approach intersections into a single intersection, and adding turn lanes. Project examples include. • PI 0015920 I-185 at SR 22 Spur Exit Ramp Improvements GEPA (Construction Year – 2020) • PI 0016440 SR 22 at SR 85 Interchange Improvements GEPA (Construction Year – 2023) • PI 0016442 SR 22 and SR 85 Intersection Improvements GEPA (Construction Year -2023) • PI 0016443 SR 372 at Birmingham Highway Roundabout PCE (Construction Year – 2023)
06/18 – Ongoing	Traffic Safety Design Services (Multiple Projects) GDOT, Regional, GA. NEPA Lead. Responsible for <i>preparation of environmental resource screenings and NEPA documents, including PCEs, CE, and Re-evaluations</i>. The Program involves reconfiguration of multiple intersections throughout Georgia and consequentially encompasses a variety of environmental resources such as historic structures/districts, archaeological sites, Traditional Cultural Properties, low-income and minority populations, natural resources, and underground storage tanks. Project examples include. • PI 0013862 SR 16 at 42 CE (Construction Year – N/A) • PI 0014159 SR 16 at Higgins Road PCE (Construction Year – 2023) • PI 0015686 SR 11/SR 247 CE and Re-evaluation (Construction Year – 2023) • PI 0015692 SR 87 at Bass/Arkwright Road PCE (Construction Year – 2023)

Firm employed by:



Name	Jonathan “Daniel” Lowrey	Years of relevant experience with this employer	<1
Title	Senior Environmental Planner	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization	MA / 2014 / Anthropology; BS / 2010 / Social Science		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	NEPA Documentation		



Mr. Lowrey is a professional environmental consultant experienced in conducting and documenting environmental studies in compliance with the National Environmental Policy Act (NEPA), Georgia Environmental Policy Act (GEPA), Section 106 of the National Historic Preservation Act (NHPA), and other related laws, regulations, and policies. Serving as an Environmental Planner, Daniel manages multidisciplinary teams of experts to execute the technical production of NEPA/GEPA documents, facilitates public involvement activities, and coordinates with project stakeholders and local, State, and Federal agencies. He develops and maintains scopes of services, work plans, permitting strategies, schedules, risk assessments, and budgets in service to large, complex transportation projects. Daniel has contributed to the delivery of projects following traditional and innovative delivery models including Design-Bid-Build, Design-Build, and Design-Build via Public-Private Partnerships. In addition to his experience in Environmental Planning, Daniel works as a Cultural Resources consultant and is a professional Archaeologist.

Experience dates	Experience and qualifications relevant to the proposed contract
05/19 – 04/25	I-285 Top End Express Lanes Project. Georgia Department of Transportation, Cobb, Fulton, and DeKalb Counties, GA. Environmental Discipline Lead. Managed both the technical and administrative aspects of the Environmental team. Daniel led the Environmental Team through the scoping process, public involvement process, the development of the Draft EIS, the Final EIS, and the 404 permit application. For each of these, Daniel produced or managed the production of various and numerous ancillary technical studies and documents. He advised the broader project Team and the client on strategies to achieve state and federal environmental concurrence and permitting following the One Federal Decision process, engaging with the client, project stakeholders, FHWA, and other regulatory agencies to successfully meet expectations and schedule. Daniel also instituted and executed an Environmental quality control program that helped to maintain deliverable quality while achieving greatly accelerated production and review timeframes. Daniel also developed, managed, and handed off the Project’s Public Involvement and Communications Team. Since joining Jacobs in 2019, Daniel has planned, executed, and managed numerous public outreach programs and meeting series (“Community Conversations”, Public Involvement Open House, and Public Hearing Open House meetings) as well as several outreach advertising campaigns and opinion surveys.
02/18 – 02/19	SR 236 at SR 42 Intersection Improvements. Georgia Department of Transportation, Fulton County, GA. Deputy Project Manager. GEPA Lead, and Lead Archaeologist for a state-funded intersection improvements project in Fulton County, Georgia. Comments received at public meetings caused the Project Manager to decide, at a late stage in the plan development process, to make substantial changes to the project design. Daniel strategized with the client and with his counterparts at the Georgia Department of Transportation and provided a work plan which helped to maintain the project schedule.

03/17 – 03/19	Madras Connector, Georgia Department of Transportation, Coweta County, GA. <i>Deputy Project Manager.</i> NEPA Lead, and Lead Archaeologist for a federally-funded new-location bypass project in Coweta County, Georgia. Due to a late discovery of a state-protected environmental resource on the project, Daniel revised the project environmental work plan, coordinated with state agencies, and provided scope for additional services.
03/17 – 03/19	Hereford Farm Road Widening and Improvements, Georgia Department of Transportation, Columbia County, GA. <i>Environmental Discipline Lead and Lead Archaeologist.</i> Federally-funded road widening and improvement project in Columbia County, Georgia. As NEPA Lead, Daniel assisted in preparing for and executing Public Involvement events and drafted responses to public comments. In doing so, Daniel coordinated with project stakeholders including GDOT's Office of Program Delivery, GDOT's Office of Environmental Services, and Columbia County's Department of Engineering Services. Daniel also worked with other environmental experts to deliver survey reports and environmental documents.

Firm employed by: **ARCADIS**

Name	Savannah Kimbrell		Years of relevant experience with this employer	3
Title	Planner		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2022 / Environmental Science, Georgia College and State University	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			NEPA Documentation	



Ms. Kimbrell is an Environmental Planner with a focus on National Environmental Policy Act (NEPA) compliance. Her skills in assessing environmental and community impacts, as well as Geographic Information System (GIS) map preparation, are essential to environmental studies and feasibility projects. She has managed a variety of complex projects and has successfully navigated the NEPA process within multiple Department of Transportations, including Georgia Department of Transportation (GDOT), North Carolina Department of Transportation (NCDOT), Florida Department of Transportation (FDOT), and Louisiana Department of Transportation and Development (LADOTD).

Experience dates	Experience and qualifications relevant to the proposed contract
03/24 – 12/24	I-10 Calcasieu Bridge Replacement, Louisiana Department of Transportation and Development (LADOTD), Lake Charles, LA. Environmental Permitting Support. Provided support to the environmental and permitting team for various action items, including USACE and USCG permitting, environmental impact calculations, and using GIS technology to map environmental resources , such as WOTUS and presence of protected species.
01/24 – 12/24	LA 22 Stage 0 Bridge Feasibility Study, LADOTD, Madisonville, LA. Responsible for data collection, project planning, and figure preparation for a bridge feasibility study in Madisonville, Louisiana.
05/25 – Ongoing	I-75 Interim Congestion Relief and South Metro Express Lanes Extension, Georgia Department of Transportation (GDOT), Clayton, Henry, and Spalding Counties, GA. NEPA Planner. Provided support to the environmental and planning team for various NEPA action items , including mapping of historical, archaeological, ecological, and community resources on a collaborative GIS platform, catalogued early coordination and public involvement correspondence, and assisted in Need and Purpose and NELT documents.
04/25 – Ongoing	Athens-Clarke County Bridge Feasibility Study, GDOT, Athens, GA. NEPA Lead. Responsible for data collection, figure preparation, report writing, and overseeing Public Involvement efforts for a bridge feasibility study in Athens-Clarke County, GA.
01/24 – Ongoing	Savannah River Crossing (SR 404 Spur/US 17 Bridge Replacement), GDOT, Chatham County, GA. NEPA Planner. Provided support to the environmental and planning team for various NEPA action items, including public involvement preparation, summarizing and compiling environmental resources , and analyzing design alternatives to mitigate impacts to historical, archaeological, and ecological resources.
11/23 – Ongoing	I-285 Westside Express Lanes, Georgia Department of Transportation, Cobb and Fulton Counties, GA. Provided support to the NEPA Lead for various NEPA action items including, but not limited to: • Authoring NEPA Document chapters, such as 4(f) resources, community and visual impacts, and Public Involvement.

	• Prepared postcards, fact sheets, handouts, and other information for Public Information Open House meetings and Stakeholder meetings. • Preparing US Census, demographic, and land use maps using GIS technology • Catalogued environmental data to prepare for Avoidance, Mitigation, and Minimization Measures meetings. • Collaborated with project designers to prepare Need and Purpose and Need Effectiveness and Logical Termini (NELT) documents.
01/23 – Ongoing	GDOT Operational Improvement Program On-Call, Georgia Department of Transportation, Regional, GA. NEPA Planner. Responsible for NEPA requirements for ongoing intersection improvement projects. As part of the Program’s project concept development phase, authored environmental resource screening documents for the following projects: • PI No. 0018299, Cobb County • SR 279/Old National Hwy at Godby Road & I-285, Fulton County • SR 34 at SR 54, Coweta County
01/23 – Ongoing	GDOT Traffic Safety Design Services On-Call, Georgia Department of Transportation, Regional, GA. NEPA Planner. Responsible for NEPA compliance for on-going transportation projects in the Statewide Safety Program. This program involves the reconfiguration of multiple intersections throughout the state and consequentially encompasses a variety of environmental resources such as historic structures and districts, archaeological sites, low-income and minority populations, waters under the jurisdiction of the US Army Corps of Engineers, and underground storage tanks. Savannah has contributed environmental screenings and NEPA action items in the following projects: • PI No. 0018399, Jackson County – I-85 SB & NB Dual Roundabouts • PI No. 0019835, Carroll County – SR 113 from SR 1 to Zachary Drive • PI No. 0019836, Whitfield County – SR 3/US 41 at CR 666/Five Springs Rd • PI No. 0019838, Houston & Peach Counties – SR 11/SR 49 at CR 1717/N Houston Lake Blvd • PI No. 0019840, Houston & Peach Counties – SR 11/SR 49 at SR 11 and at Houston Road
08/23 – Ongoing	Fayetteville Russell and Person Street Improvements, City of Fayetteville, Cumberland County, NC. Environmental Planner. Responsible for assessing and evaluating environmental impacts from two bridge improvement projects in Fayetteville, North Carolina.
07/23 – 12/23	Brown Street Relocation, North Carolina Department of Transportation, Lexington, NC. Environmental Planner. Authored a Community Impact Assessment for a new roadway development in Lexington, North Carolina.
05/23 – 12/23	Troup County Planning Study, Georgia Department of Transportation, Troup County, GA. Environmental Planner. Responsible for assessing and evaluating environmental impacts from local transportation projects along various corridors in Troup County.
07/23 – 12/23	I-295 from San Jose Boulevard to Blanding Boulevard Project Development & Environment Study. 2023 – 2024 Florida Department of Transportation, Duval and Clay Counties, FL. Environmental Planner. Revised and assembled a Preliminary Engineering Report for a bridge widening and auxiliary lane implementation study in Duval and Clay Counties, Florida.

Firm employed by. 

Name	Morgan Niccoli		Years of relevant experience with this employer	6
Title	Ecologist		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			BS / 2010 / Biology and Environmental Studies, Virginia Commonwealth University MS / 2013 / Biology	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			NEPA Technical Assistance	
			Mrs. Niccoli has over 12 years of experience in transportation ecology. Prior to joining Arcadis, she served as an Ecology Team Leader with the Georgia Department of Transportation (GDOT) where she managed a team of ecologists with over 160 active transportation projects ranging in degree of complexity. She has experience providing technical reviews for Section 404 Clean Water Act (CWA) permits, Biological Assessments, and Ecology reports. She has served as project manager for the development of a statewide bat programmatic agreement as well as project manager for several GDOT-funded research projects. She has experience working with the Federal Highway Administration (FHWA), U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), as well as state wildlife and environmental protection agencies.	
Experience Dates			Experience and qualifications relevant to the proposed contract	
05/25 – Ongoing			Special Provision Templates, GDOT, Statewide, GA. Technical Reviewer Responsible for assisting with technical reviews of Special Provision templates, specifically the Aquatics, Semi-Aquatics, and Bat Special Provisions.	
05/25 – Ongoing			Aquatic Habitat Assessment Training Module, GDOT, Statewide, GA. Task Manager, Technical Review Responsible for the development of an Aquatic Habitat Assessment Training and assisting with technical reviews of training modules that are designed to teach GDOT Ecologists and consultants how to access perennial streams to determine suitable habitat for protected mussel species.	
04/24 – Ongoing			Collaborative Programmatic Agreement, GDOT, Statewide, GA. Content Developer, Task Manager Responsible for assisting with the development of a programmatic agreement that includes a combined Biological Assessment and Biological Opinion , covering potential impacts from GDOT activities to federal and state aquatic and semi-aquatic species in Georgia. Provide overall project management, technical reviews, and agency coordination with stakeholders, including FHWA, USACE, USFWS, and Georgia Department of Natural Resources Wildlife Resource Division.	
03/22 – 12/24			Collaborative Programmatic Agreement, GDOT, Statewide, GA. Task Manager Responsible for assisting with the development of a programmatic agreement that includes a combined Biological Assessment and Biological Opinion , covering potential impacts from GDOT activities to federal and state bats in Georgia. Provided overall project management, technical reviews, and agency coordination with stakeholders, including FHWA, USACE, USFWS, and Georgia Department of Natural Resources Wildlife Resource Division.	
01/22 – 04/24			Ecology Training Media, GDOT, Statewide, GA. Content Developer, Technical Reviewer Responsible for assisting with the development and technical reviews of interactive training video modules for preparing State Buffer Variance and Individual Section 404 CWA permit applications. This initiative is designed to serve as consultant pre-qualification for the GDOT Office of Environmental, Ecology Section and is being completed under the Environmental Support Services – Ecology IDIQ Contract.	

01/21 – 01/24	Ecology Workload Dashboard, GDOT, Statewide, GA. <i>Content Developer, Task Manager</i> Responsible for assisting with the development of an Ecology Workload Dashboard to improve GDOT program delivery by assisting GDOT Ecology team leaders with workload management and project assignments.
02/22 – 07/22	Stream Diversion Toolkit, GDOT, Statewide, GA. <i>Content Developer,</i> Responsible for developing a Stream Diversion Toolkit to describe the procedures to account for dewatering impacts and mitigation requirements when a GDOT project involves new culvert construction, extension, or replacement within a perennial or intermittent stream.
09/19 – 06/22	Ecology Guidebooks and Toolkits, GDOT, Statewide, GA. <i>Ecology Team Leader</i> Assisted with the development of ecology toolkits as well as provided quality assurance reviews of Ecology guidebooks developed to update GDOT's Environmental Procedures Manual. These guidance documents outline procedures for assessing impacts to protected species and completing Section 7 ESA consultations , guidance on completing Section 404 CWA permits and buffer variance applications, as well as GDOT procedures for documenting compliance with federal regulations including Fish and Wildlife Coordination Act, Bald and Golden Eagle Protection Act, Migratory Bird Treaty Act , and Magnuson-Stevens Fishery Conservation and Management Act.
01/18 – 11/18	Evaluating Migratory Bird Exclusion on Transportation Structures, GDOT, Statewide, GA. <i>Project Manager</i> Responsible for managing a GDOT-funded research project on the effectiveness of migratory bird/exclusion/deterrence practices used on transportation structures and recommendations to improve GDOT migratory bird protection practices as well as provided quality assurance reviews of the findings report. Ultimately a recommendation to establish an annual contract with the U.S. Department of Agriculture, Animal and Plant Health Inspection Service (APHIS) Wildlife Services to prevent migratory bird nesting on bridges and culverts was proposed to GDOT.

Firm employed by.



Name	Hannah Held	Years of relevant experience with this employer	4
Title	Project Ecologist	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization	BS / 2012 / Forest Resources w/Emphasis in Wildlife Sciences, University of Georgia		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	NEPA Technical Assistance		
	Mrs. Held has over ten years of experience in transportation ecology in Georgia. Prior to joining Arcadis, she served as Senior Ecologist with the Georgia Department of Transportation (GDOT) where she managed over 40 active transportation projects at a time, including 4 Major Mobility Investment Program design-build projects. She has experience preparing and providing technical reviews for Section 404 permits, Buffer Variance Applications, Biological Assessments, and Ecology reports. She served as task manager for the development of a standardized species survey methodologies manual as well as for a GDOT-funded research project focused on eastern indigo snakes and gopher tortoises. She has experience leading general ecology surveys, performing stream and wetland delineations, and protected species surveys, as well as coordinating with numerous federal and state regulating agencies. Since joining Arcadis, she has continued to lead efforts to update the previously mentioned survey methodologies manual, as well as numerous other programmatic efforts for GDOT.		
	Experience dates	Experience and qualifications relevant to the proposed contract	
	05/25 – Ongoing	Maintenance Oversight of Environmental Services, GDOT, Statewide, GA. <i>Environmental Reviewer</i> of proposed right-of-way maintenance activities for environmental impacts and permitting needs . Coordinate with District office personnel and regulating agencies. Prepare permits, variances, and other onsite materials for mitigating and/or avoiding impacts to sensitive resources.	
	04/23 – Ongoing	Ecology Guidebooks & Toolkits, GDOT, Statewide, GA. <i>Task Manager</i> for updating GDOT's 25 Ecology Guidebooks and Toolkits created to serve as the new format of their Environmental Procedures Manual on an annual basis. These documents outline the procedures for assessing impacts to protected species, completion of consultation under Section 7 of the ESA, Section 404 of the CWA permitting, buffer variance applications, as well as documenting compliance with numerous federal and state regulations, including but not limited to, Fish and Wildlife Coordination Act, Bald and Golden Eagle Protection Act, Migratory Bird Treaty Act, Magnuson-Stevens Fishery Conservation and Management Act, and Georgia Erosion and Sedimentation Act. In addition to managing the tasks and team involved in the overall effort, serve as a QA reviewer on all of the documents to ensure consistency across the guides.	
	05/22 – Ongoing	Environmentally Sensitive Area Management Plans & Element Occurrence Verification, GDOT, Statewide, GA. <i>Lead</i> in working with biologists from US Fish and Wildlife Service & Georgia Department of Natural Resources in developing standardized management recommendations for all EOs on GDOT's ROW and creating management plans using the established recommendations . The effort also involves managing field verification efforts for existing ESA signs and EOs in ROW, updating guidance on creating management plans, updating GDOT's ESA signage, & drafting ROW maintenance contracts for GDOT upper management approval.	

12/16 – Ongoing	State of GA Protected Species Habitat & Presence/Absence Survey Methodologies Manual, GDOT, Statewide, GA. <i>Lead</i> in developing standardized survey methodologies for every state and federally protected terrestrial and semi-aquatic species in GA (over 220 species) to ensure consistency across GDOT ecology practitioners and their consultants and improve accuracy results across the program. <i>Serve as the primary coordinator with resource agency reviewers and primary editor of the document.</i> Continue to lead efforts to add new and modify existing methodologies, as needed, based on new listing statuses and method honing efforts. Lead in the development of relocation protocols as well in order to reach the end goal of the manual encapsulating the entirety of potential outcomes of protected species avoidance & minimization on any given project.
05/22 – 03/24	Ecology Training Media, GDOT, Statewide, GA. <i>Content Developer and QA Reviewer</i> of GDOT's Individual Permit Application Training Modules and the associated Final Exam intended to support consultant pre-qualifications and general staff education.
10/19 – 05/22	Major Mobility Investment Program Projects, GDOT, Atlanta & Metro-area, GA. <i>Lead Ecologist and Technical Reviewer</i> for <i>four of the state's seven largest transportation projects.</i>
01/18 – 05/22	Eastern Indigo Snake Study, GDOT, Atlanta & Metro-area, GA. <i>Lead</i> where managed project deliverable timelines and reviews as well as billing for a multi-phase GDOT-funded study with UGA & The Orianne Society.
05/16 – 05/22	Multiple Transportation Projects, GDOT, Statewide, GA. <i>Senior Ecologist</i> <i>managed over 40 active projects a year</i> —responsible for conducting general ecology surveys that included habitat assessments, stream classifications and delineations, wetland delineations, bridge and culvert surveys for migratory birds and state and federal protected bats, as well as protected species presence/absence surveys and preparing all ecology documentation and permit/variance applications associated. Also served as a <i>technical reviewer of consultant documentation.</i> Coordinated with specialists across multiple departments as well as regulating agencies to avoid and minimize ecological impacts to the greatest extent possible on all projects.

Firm employed by.  **ARCADIS**

Name	Nathan Thomas Polley	Years of relevant experience with this employer	11
Title	Ecologist	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	BS / 2015 / Forestry and Natural Resources, University of Georgia		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract Role(S) / Brief Description Of Responsibilities	NEPA Technical Assistance		



Mr. Polley has 12 years of experience in transportation ecology, natural resources, and environmental compliance. His experience includes ecological surveys, jurisdictional Waters of the U.S./wetland delineations, stream identification, Section 404 Clean Water Act permitting, protected species habitat assessments and surveys, GIS/GPS mapping, technical reporting, and environmental review of transportation maintenance activities. He has served in an embedded Ecology Support Services role for Georgia DOT, supporting under-construction and emergency infrastructure projects statewide; coordinating with FHWA, USACE, USFWS, GADNR, GEPD, and USFS; preparing and reviewing ecology reports, permits, and Environmental Special Provisions; and communicating environmental requirements to project teams and contractors. He has led and supported statewide GDOT program initiatives including Special Provision Templates, Maintenance Oversight of Environmental Services, Collaborative Programmatic Agreement development for aquatic and semi-aquatic species, review infrastructure and in-house application development, district-level environmental services training, protected species management planning, and standardized habitat assessment methodologies.

Experience Dates Experience and qualifications relevant to the proposed contract

05/25 – Present	Special Provision Templates, GDOT, Statewide, GA. Initiative Lead and Content Developer. Leads development of standardized Environmental Special Provision templates to improve consistency, clarity, and implementation of ecology-related contract requirements across GDOT projects. <i>Develops template language and review processes for provisions</i> addressing state and federally protected species; coordinates technical input; and supports implementation of templates intended to help project teams avoid and minimize impacts to protected species and regulated resources during construction.
05/25 – Present	Maintenance Oversight of Environmental Services, GDOT, Statewide, GA. Review Manager and Environmental Reviewer. <i>Manages and conducts environmental reviews</i> of proposed right-of-way maintenance activities for potential ecological impacts and permitting needs. Coordinates with District personnel and regulating agencies, develops review infrastructure and workflows, and supports preparation of permits, variances, and avoidance/minimization materials. Provides annual presentations and training to GDOT district-level staff regarding environmental review procedures, documentation needs, and considerations for sensitive resources. <i>Leads development of review tools</i> , including in-house application infrastructure, to improve consistency, tracking, and delivery of maintenance oversight reviews.
10/19 – 04/25	Ecology Support Services Embedded Role, GDOT, Statewide, GA. Project Ecologist. Served as an embedded ecology consultant supporting GDOT with <i>environmental compliance</i> for under-construction and emergency infrastructure projects statewide. Coordinated <i>compliance with federal and state environmental regulations</i> ; assessed project sites for

	environmental compliance; communicated resource requirements to contractors and project teams; coordinated with USFWS, USACE, GADNR, GEPD, FHWA, and USFS; prepared and reviewed ecology reports and environmental permits, including Regional General Permits under Section 404 of the Clean Water Act and Georgia Buffer Variance Applications; reviewed Environmental Special Provisions in GDOT project contracts to minimize and avoid impacts to protected species during construction; and developed habitat assessment methodologies for peregrine falcon and Tennessee cave salamander approved for GDOT use.
11/16 – 04/20	FY 2017 Bridge State Funded DB Program, GDOT, Statewide, GA. Ecologist. Conducted on-site ecology surveys, including surveys for state and federally listed protected species and their habitats, invasive species, migratory bird habitat, bat habitat, and essential fish habitat. Conducted jurisdictional Waters of the U.S./wetland delineations, recorded wetland boundaries using GPS technology, completed on-site stream assessments using North Carolina Department of Water Quality intermittent and perennial stream identification methodology, and assisted with preparation of Ecology Resource Survey Reports.
12/15 – 11/17	Task Order 5: Design-Build Bridge Replacements Costing Plans and CEI Services, GDOT, Statewide, GA. Ecologist. Conducted on-site ecology surveys for state and federally listed protected species and their habitats, invasive species, migratory bird habitat, bat habitat, and essential fish habitat. Conducted jurisdictional Waters of the U.S./wetland delineations, recorded wetland boundaries using GPS technology, completed on-site stream assessments using NCDWQ methodology, and authored Ecology Resource Survey and Assessment of Effects Reports for bridge replacements in Burke, Carroll, Chattooga, Lincoln, Polk, and Warren Counties.
07/14 – 12/15	Statewide Ecological Services – Task Order #1, GDOT, Statewide, GA. Ecologist. Performed wetland and stream delineations, protected species surveys, ecology report preparation, and technical review for GDOT transportation projects. Example projects included Wateree Bridge Replacement at Wade Green Road (PI 0011657), I-16 at I-95 Interchange Reconstruction and I-16 Widening (PI 0012757 and 0012758), and I-20 at Savannah River (PI 210327).

Firm employed by:  **Locus**

Name	George Burkley	Years of relevant experience with this employer	26
Title	Managing Partner & Executive Director	Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization	MS/ 1999 / Environmental Science and Policy, The Johns Hopkins University Marine Transportation / 1989, California State University Maritime Academy		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Maritime Navigation		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Burkley is Managing Partner and Technical Director of Locus -MPI, <u>specializing in maritime simulation, training and research</u> . George started his career after graduation from the California Maritime Academy as a US Naval Officer and Merchant Ship's officer, later completing his Master's work at Johns Hopkins University in Baltimore, Maryland. His technical specialties include portable pilot navigation systems, scale modeling, virtual modeling and general marine electronics.		
12/20 – 04/22	Proposed Violet Container Terminal Maritime Simulation Study, Port of New Orleans, St. Bernard Parish, LA. <i>Project Manager</i> for a full-mission maritime simulation study evaluating the navigational feasibility of a proposed container terminal on the Mississippi River near Violet, Louisiana. Responsibilities included providing overall project leadership and technical oversight; coordinating multidisciplinary simulation, research, and analysis activities; managing communication among the project team, maritime pilots, and stakeholders; overseeing the development and execution of simulation scenarios; reviewing technical findings; and directing preparation of the final report and recommendations supporting terminal planning and navigation safety.		
10/25 – 04/26	Terminal 3 Barbours Cut Channel Feasibility Level Ship Simulation Study, Port of Houston, Harris County, TX. <i>Project Manager</i> for a Feasibility Level Ship Simulation Study evaluating the navigational and geometric feasibility of proposed container terminal layouts at the Barbours Cut Channel. Responsibilities included providing overall project leadership and technical oversight; coordinating simulation activities with the Port of Houston, AECOM, and Houston Pilots Association; overseeing development of simulation scenarios and evaluation criteria; guiding multidisciplinary analysis of vessel maneuverability, operational constraints, and navigation risks ; and directing preparation of study findings and recommendations to support advancement of the terminal design.		
12/23 – 09/25	Bayport East End Development (BEE) Feasibility-Level Ship Simulation Studies, Port of Houston, Harris County, TX. <i>Project Manager</i> for a phased feasibility-level ship simulation program evaluating the navigational and geometric feasibility of proposed Bayport East End Development terminal configurations. Responsibilities included providing overall project leadership and technical oversight; coordinating simulation efforts with the Port of Houston, Houston Pilots Association Safety Committee, and tug operators; overseeing evaluation of vessel maneuverability , basin geometry, tug requirements, and operational constraints; guiding iterative design assessments and refinement of terminal layouts based on simulation findings; and directing preparation of technical reports and recommendations supporting future project development.		

Firm employed by:  **Locus**

Name	Fernando Lagunes	Years of relevant experience with this employer	13
Title	Simulation Engineer & Hydrodynamic Modeler	Years of relevant experience with other employer(s)	47
Degree(s) / Years / Specialization	MS / 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	Simulation Engineer & Hydrodynamic Modeler		

Experience dates	Experience and qualifications relevant to the proposed contract
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Mr. Lagunes's commitment to creating better processes earned him Vice President Al Gore's coveted Hammer Award in 1997, and that same forward-thinking mentality has been critical in his roles as simulation engineer and consultant. His strength in systems thinking, command of 30 object manipulation, and proficiency in advanced programming languages—including Python and C ++—enable Fernando to deploy and maintain complete solutions for the **simulation of complex navigation scenarios.**

12/20 – 04/21

Proposed Violet Container Terminal Maritime Simulation Study, Port of New Orleans, St. Bernard Parish, LA. Simulation Engineer responsible for configuring and executing full-mission ship simulation scenarios to evaluate navigation and berthing operations for 400-meter Ultra-Large Container Vessels (ULCVs) under varying Mississippi River current conditions. Performed hydrodynamic modeling and simulation analyses, evaluated vessel maneuverability with ASD tug assistance, documented operational constraints, and ***provided technical analyses supporting recommendations for safe navigation*** and terminal development.

10/25 – 04/26

Terminal 3 (T3) Barbours Cut Channel Feasibility Level Ship Simulation Study, Port of Houston, Harris County, TX. **Simulation Engineer and Hydrodynamic Modeler** responsible for developing and executing full-mission bridge simulation scenarios to ***evaluate the navigational and geometric feasibility*** of proposed Terminal 3 container terminal layouts. Responsibilities included configuring vessel and channel parameters for Ultra Large Container Vessel (ULCV) operations, supporting simulation setup and execution, analyzing vessel maneuverability through the Barbours Cut Channel and turning basin, evaluating docking and undocking operations, and documenting simulation results to identify operational constraints, navigational risks, and opportunities for design refinement.

12/23 – 09/25

Bayport East End Development (BEE) Feasibility-Level Ship Simulation Studies, Port of Houston, Harris County, TX. **Simulation Engineer and Hydrodynamic Modeler** responsible for developing and executing phased full-mission bridge simulation scenarios to evaluate vessel maneuverability and geometric feasibility of proposed Bayport East End Development terminal layouts. Responsibilities included ***configuring simulation environments for 366-meter and 400-meter Ultra Large Container Vessels (ULCVs), incorporating vessel***, tug, channel, basin, and environmental parameters; analyzing docking, undocking, and maneuvering operations under varying wind and operational conditions; evaluating design alternatives and geometric constraints; and supporting iterative refinement of basin layouts to improve navigational safety and operational feasibility.

SECTION
17

The Arcadis Team has a depth of certified Wetland Scientists with a combined 80+ years experience completing wetland delineations and associated permitting throughout Louisiana and the Southeast.



Firm name			Past Performance Evaluation Discipline(s)*	Road, Bridge, Other (Drainage), Other (Public Involvement), Traffic, Planning, ITS, Environmental
Project name	I-10 Calcasieu River Bridge P3 Project			Firm responsibility (prime or sub?) Sub
Project number	H.004100	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Lake Charles, Louisiana	Owner's Project Manager	Paul Vaught	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, Louisiana 70804-9245, 225 379 1133, Paul.VaughtIII@LA.GOV			
Services commenced by this firm (mm/yy)	06/22	Total consultant contract cost (\$1,000's)		\$125,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$25,000

Firm Members Involved: Akhil Chauhan, Jose Rodriguez, Ari Deitch, Jason Morrell, Eric Kalivoda, Colin Sarratt, Victor Sanchez, Hunter Guidry, Osama Shahawy, Lina Khoury, Catherine Bruns, Daniel Burgin

As part of the Calcasieu Design Partners (CDP) joint venture for this LADOTD public-private-partnership (P3) project to replace the I-10 Calcasieu River bridge and improve and 5.25 miles of interstate along I-10, Arcadis leads traffic and environmental services for the project, and supports roadway, drainage, and bridge design. Arcadis was responsible for preparing all permit applications, coordinating with permitting agencies, updating environmental technical studies, and preparing NEPA re-evaluations for alternative designs advanced by the P3 team.

Arcadis organized and led pre-application meetings with LADOTD, USACE, USCG, FHWA, and LDEQ to update agencies on project design, understand their concerns, and identify information required for complete application submittals. Arcadis prepared an **Individual Sec 10 Rivers and Harbors Act (RHA)/Sec 404 Clean Water Act** permit application and drawings for impacts to navigable waters, wetlands, and other waters of the U.S. Working in collaboration with construction team, Arcadis ensured that the application accurately depicted and accounted for all project related impacts, including temporary construction and staging, and that compensatory mitigation was sufficient. Arcadis also prepared the **Sec 9 RHA bridge permit** application and navigation lighting plan for replacement of the I-10 Calcasieu River bridge that were approved by the USCG. Both permit applications received minimal comments from the agencies and were authorized ahead of P3 team schedule.



I-10 interchange at PPG Drive and arterial roads. In addition to roadway and drainage design for these segments, Arcadis prepared **final plans for construction**. Arcadis also designed the new flyover bridge at the I-10 and I-210 interchange.

Relevant Services

- USACE Section 10/404 Permit
- USCG Section 9 Bridge Permit
- LDEQ Section 401 Water Quality Certification
- NEPA Re-Evaluation
- Traffic Noise Analysis
- Significant Tree Survey
- Roadway, Drainage & Bridge Design
- Traffic Engineering

Arcadis prepared a **NEPA Re-Evaluation** of the Environmental Impact Statement (EIS)/Record of Decision (ROD) for alternative designs advanced by the P3 team that was approved by FHWA, and is currently preparing a second re-evaluation for interchange modification including addition of a round-a-about. As part of this effort, Arcadis prepared an **Addendum to the Traffic Noise Technical Report and public meeting materials** for the round-a-about and associated design changes. Arcadis completed a field verification of the **significant tree survey** completed by others, updated the significant tree inventory, and assisted with public outreach materials for communities subject to significant tree removal.

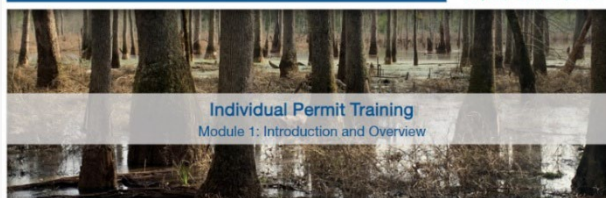
Arcadis is also responsible for traffic for the entire project including **signal design and timing plans** for new and existing signalized intersections and pavement marking design for all roadways impacted by the project. Arcadis provided **roadway and drainage design** services for I-10 between I-210 and PPG Drive, where the interstate will be widened to three (3) lanes in each direction, as well as improvements to the

Firm name			Past Performance Evaluation Discipline(s)*	Environmental, Road, Bridge
Project name	Environmental Support Services – Ecology IDIQ		Firm responsibility (prime or sub?)	Prime
Project number	PI# 0012954	Owner's name	Georgia Department of Transportation	
Project location	Statewide - Georgia		Owner's Project Manager	Doug Chamblin
Owner's address, phone, email	600 W. Peachtree St., NW Atlanta, Ga 30308, 404-631-1447, dchamblin@dot.ga.gov			
Services commenced by this firm (mm/yy)	06/22	Total consultant contract cost (\$1,000's)		\$21,885
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$7,287

Firm Members Involved: Hannah Held, Morgan Niccoli, Jason Morrell, Nathan Polley

Under this multi-Task Order, IDIQ contract, Arcadis provides staff augmentation to the Georgia Department of Transportation (GDOT) Office of Environmental Services (OES) and assists with development of Ecology Initiatives aimed at streamlining environmental compliance and improving program delivery. Below is a description of select Initiatives delivered under the contract.

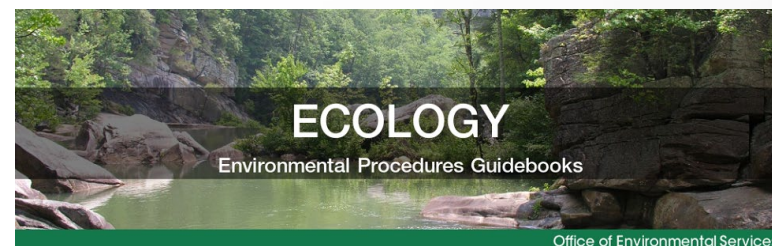
Environmental Training Series



Permitting Training Media: Arcadis Ecologists and Education Technology specialists collaborated with the GDOT Ecology Section to develop interact video modules that instruct users in completing Individual Section 404 CWA permit and State stream buffer variance applications. The training also covers completing associated Section 401 CWA Water Quality Certification through the State. The modules replaced GDOT consultant prequalification requirements for these permit applications and made them accessible to more firms.

Relevant Services

- Permitting Training Media
- Guidebook/Toolkit Development
- Agency Programmatic Agreements



Ecology Guidebooks/Toolkits: In coordination with GDOT, Arcadis developed and continues to update Ecology Guidebooks and Toolkits that replaced previous OES guidance in the GDOT Environmental Procedures Manual. Guidebooks/Toolkits are concise guidance documents that outline procedures for assessing impacts to protected species and completing Section 7 ESA consultations, guidance on completing Section 404 CWA permits and buffer variance applications, as well as GDOT procedures for documenting compliance with federal regulations including Fish and Wildlife Coordination Act, Bald and Golden Eagle Protection Act, Migratory Bird Treaty Act, and Magnuson-Stevens Fishery Conservation and Management Act. They are easily accessible references for GDOT staff and consultants completing ecology studies. These guidebooks served GDOT in preparation for NEPA Assignment with FHWA concluding that GDOT was well positioned for NEPA Assignment based on the strength of their environmental procedural materials. <https://www.dot.ga.gov/GDOT/pages/Ecology.aspx>

Collaborative Bat Programmatic Agreement - Statewide: Arcadis assisted GDOT with the development of a programmatic agreement that includes a combined Biological Assessment and Biological Opinion, covering potential impacts from GDOT activities to federal and state listed bat species in Georgia. The Bat Programmatic Agreement was executed between GDOT, FHWA, USFWS, USACE and GA DNR to streamline Section 7 ESA consultation for protected bat species and covers all GDOT projects program wide. This agreement represents a **first-in-the-nation** approach to balancing infrastructure development with species conservation and received an FHWA Environmental Excellence in 2024. Arcadis provided overall project management, technical reviews, and coordination with agency partners and stakeholders. Since execution the Bat Programmatic Agreement has been successful in streamlining consultation with GDOT's agency partners while benefiting the conservation of protected bats in Georgia.



17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Environmental, Traffic, Road, Other (Public Involvement)
Project name	Pete’s Highway Interchange Alternatives and Environmental Assessment			Firm responsibility (prime or sub?) Prime
Project number	H.002397.2	Owner’s name	Louisiana Department of Transportation and Development	
Project location	Livingston Parish, LA	Owner’s Project Manager	Ryan Morvant	
Owner’s address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; 225.379.1067			
Services commenced by this firm (mm/yy)	01/14	Total consultant contract cost (\$1,000’s)		\$1,500
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm (\$1,000’s)		\$1,380

Firm Members Involved: Jason Morrell, Akhil Chauhan, Ari Deitch

Firm's Role: High-priority funding allowed Louisiana Department of Transportation and Development (LADOTD) to employ Arcadis to complete a NEPA Environmental Assessment, traffic engineering services, and geometric design layouts, including the establishment of apparent and required right-of-way, to improve congestion and operations.

Planning & Environmental: Arcadis conducted environmental studies including wetlands, threatened and endangered species, development of mitigation and commitments, Phase I ESA, noise and air analysis, socio-economic and community impacts, and secondary and cumulative effects. Because of the complexity of the alternatives and high public profile of the project, Arcadis designed and coordinated a project internet website to facilitate ongoing dialogue with the community and provide information to the public. Arcadis **conducted public and stakeholder meetings** to obtain input and satisfy federal requirements. Visual simulations of the complex traffic operations were used during the meetings along with displays of the alternatives and anticipated travel pattern changes.

Relevant Services

- Traffic Analysis
- Interchange Modification Request (IMR)
- Innovative Interchange Design
- Line & Grade Study
- Environmental Technical Studies
- Environmental Assessment

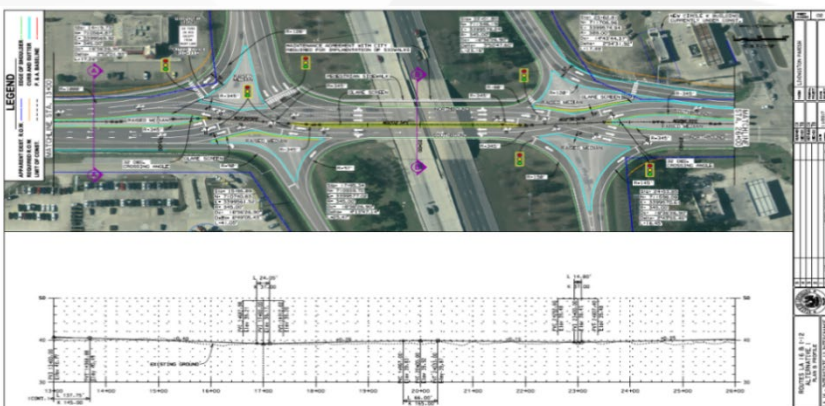


Figure: Diverging Diamond Interchange Alternative - Plan and Profile

Alternatives Evaluation & Development: Preliminary Stage 0 alternatives were refined and evaluated for **constructability, temporary construction effects, construction costs**, and direct and indirect effects. Alternatives included two split diamond interchange options with roundabout, partial clover leaves, collector-distributor roads at Range Avenue and Pete's Highway (LA 16), and a diverging diamond interchange (DDI) at Range Avenue. Arcadis developed **geometric design drawings** for the DDI alternative including line and grade in accordance with LADOTD guidelines. Alternatives incorporated **context sensitive solutions and complete streets** policy through coordination with the LADOTD, parish, and planning organizations to include sidewalks and high visibility crosswalks.

Traffic Study & IMR: A traffic study was conducted to evaluate proposed alternatives. The traffic study scope included data collection/analysis, VISSIM model development and calibration, existing and future year scenario analysis, roundabout analysis, future volume projections, alternative analysis, proposed signing and striping layouts, and FHWA policy point/IMR documentation.

17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Environmental, Planning, Road, Traffic, Data Collection
Project name	GDOT Office of Planning: I-85 PEL Study / Planning Consultant Services IDIQ		Firm responsibility (prime or sub?)	Prime
Project number	PI 0016321 and 0016164	Owner's name	Georgia Department of Transportation (GDOT)	
Project location	Atlanta, Georgia	Owner's Project Manager	Megan Weiss, AICP	
Owner's address, phone, email	600 W. Peachtree St., NW Atlanta, Ga 30308; 404-631-1779, mweiss@dot.ga.gov			
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost (\$1,000's)		\$8,400
Services completed by this firm (mm/yy)	01/23	Cost of consultant services provided by this firm (\$1,000's)		\$4,800

Key Personnel: Bonnie Bynum, Otto Clemente, Savannah Kimbrell

Firm's Role: Travel Demand Model, Corridor/Access Management Study, Planning & Env Linkage Study, Data Collection, Traffic Analysis, Roadway Design, Environmental Screening, Benefit-Cost Analysis Stakeholder/Public Involvement

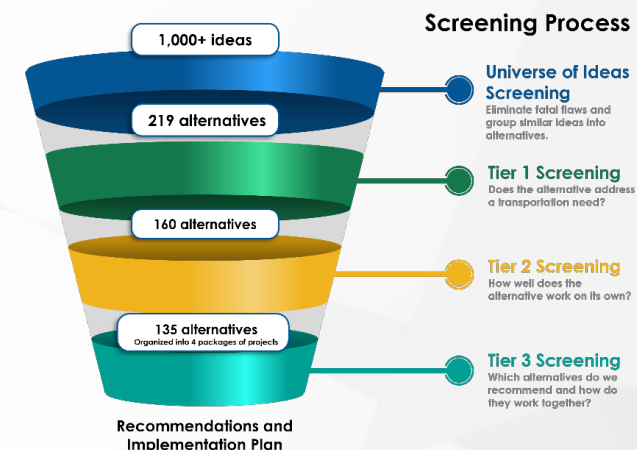
The Georgia Department of Transportation (GDOT) and Gwinnett County are partnering to conduct a **comprehensive corridor study** along I-85. The study area is roughly 18 miles long and is primarily located within Gwinnett County. The purpose of the study is to propose solutions to **reduction congestion, enhance traffic operations, and improve safety** through the area. Through collaboration with stakeholders and the public, a wide range of potential solutions have been identified and recommended for implementation.

Planning and Environmental Linkage Study. The study is utilizing FHWA's Planning and Environmental Linkage (PEL) framework to encourage transportation decision-makers to incorporate environmental considerations, community, and economic goals early in the transportation planning process. Decision makers can then rely on **robust planning analysis, studies and decisions** throughout the project development and during the environmental review processes of transportation projects. PEL aims to create a more unified decision-making process, resulting in less duplication of efforts and more informed project-level decisions.

Study Process. The corridor study began with the **development of a Travel Demand Model** using CUBE and includes both a planning and implementation plan. The graphic above illustrates a high-level overview of the steps of the study and how PEL and public/stakeholder engagement is integrated into the study process. To view the project website, visit: www.85study-gdot.hub.arcgis.com

Relevant Services

- Purpose and Need Development
- Alternative Screening / Evaluation Methodology
- Public Involvement / Stakeholder Outreach
- Corridor Strategies
- FHWA PEL Study Framework
- Travel Demand Model Development



17 FIRM EXPERIENCE:

Firm name	 ARCADIS		Past Performance Evaluation Discipline(s)*	Environmental, Bridge
Project name	Rural Bridge Replacement Initiative Phase II		Firm responsibility (prime or sub?)	Sub
Project number	4400019338	Owner's name	Louisiana Department of Transportation and Development	
Project location	Districts 02, 03, 07, 61, and 62		Owner's Project Manager	Valerie Tourres, P.E.
Owner's address, phone, email	1201 Capitol Access Rd., 602D, Baton Rouge, LA 70802, 225-379-1894, Valerie.Tourres@la.gov			
Services commenced by this firm (mm/yy)	4/21	Total consultant contract cost (\$1,000's)		\$540
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$540

Firm Members Involved: Jason Morrell, Catherine Bruns, Jan Hughes

Arcadis is responsible for completing all Environmental Services for Rural Bridge Replacement Initiative Phase II in Districts 02, 03, 07, 61 and 62 consisting of 16 state projects involving 29 bridge replacements throughout the five Districts. **Solicitation of Views (SOV)** letters and information packets were prepared and distributed to federal, state, and local agencies, organizations, and adjacent property owners. Responses from these groups were compiled to identify adverse economic, social, or environmental effects from the project or other related concerns. **To date, environmental approval and permitting has been completed for all but two (2) state projects** included in this contract.

Field delineations of wetlands and other Waters of the U.S. (WOTUS) were completed in accordance with USACE requirements. All delineated resources were GPS located with sub-meter accuracy and provided to the design team for permit drawings. **Wetland Finding Reports** were prepared detailing the results of field investigations including LADOTD required GIS figures, photographs, and USACE delineation data forms. Arcadis inspected existing bridges for the presence of protected bat species and completed **Section 7 Endangered Species Act consultation with USFWS**.

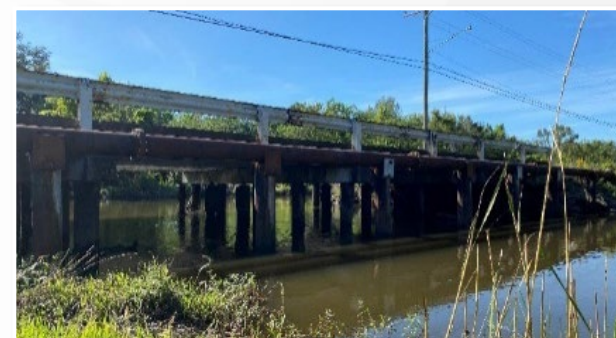
Arcadis's cultural resource team completed an Area of Potential Affects (APE) determination, Phase I Cultural Resource Survey and Report for a bridge replacement adjacent to a National Register of Historic Places eligible resource. Upon completion of environmental studies, Arcadis prepared NEPA Programmatic Categorical Exclusions for each project for LADOTD review and approval.

Arcadis worked with the Prime firm design team to develop permit drawings per USACE and LA DNR, Office of Coastal Management requirements. **Joint Permit Applications were prepared for projects within the LA Coastal Zone and Nationwide Permit Pre-Construction Notifications were prepared for projects outside the Coastal Zone.** Arcadis coordinated with USACE New Orleans District and OCM staff through the permit process to ensure all required information was provided.

"Arcadis's work thus far on the Rural Bridge Initiative, Phase 2 South, has exceeded expectations on all deliverables. Coordination with the consultant was straightforward with prompt responses to all requests." Dylan Ohlsen – Engineer 3, LADOTD | Rural Bridge Initiative Environmental Manager

Relevant Services

- Solicitation of Views
- Categorical Exclusions
- Wetland Delineation & Report
- Cultural Resource Survey
- Agency Coordination
- Sec. 404 Nationwide Permits
- LADNR Coastal Use Permits



Firm name	GSRC	Past Performance Evaluation Discipline(s)*	Environmental
Project name	Strategic Biofuels EA for New Construction and Operation of the LA Green Fuels Bio-Refinery	Firm responsibility (prime or sub?)	Prime
Project number	Signed letter contract	Owner's name	Strategic Biofuels, LLC
Project location	Caldwell Parish, LA	Owner's Project Manager	Paul Oesterreich
Owner's address, phone, email	303 Wall Street, Columbia, LA 71418; (314) 250-7157; pauloesterreich@strategicbiofuels.net		
Services commenced by this firm (mm/yy)	03/24	Total consultant contract cost (\$1,000's)	\$35
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$35

Firm Members Involved: John Lindemuth, Beau Rapier and Ross Hackbarth

GSRC was contracted by Strategic Biofuels (Strategic), LLC to prepare an EA for the construction, operation, and maintenance of the proposed Louisiana Green Fuels (LGF) refinery, including one natural gas pipeline right-of-way (ROW), two carbon dioxide pipeline ROWs, and two injection well pads. The project area is approximately 420 acres located in Caldwell Parish, Louisiana. As part of the EA process, GSRC was responsible for conducting wetland surveys on six individual tracts of land that comprise the refinery facility site as well as the natural gas pipeline ROW, carbon dioxide pipeline ROWs, and well pads. GSRC was responsible for coordinating with the U.S. Army Corps of Engineers (USACE) to obtain a Preliminary Jurisdiction Determination for four of the tracts of land that



comprise the refinery facility site. **GSRC also conducted vegetation and protected species surveys.** There is one endangered species (Northern long-eared bat), one proposed endangered species (Tricolored bat), one proposed threatened species (Alligator snapping turtle) and a candidate species (Monarch butterfly) known to occur in the area. In accordance with the **Endangered Species Act (ESA)**, critical habitat was researched, however was not found within the project site. GSRC was also responsible for **conducting Phase I Cultural Resources surveys** for the same areas in which the wetland delineation surveys were performed. **GSRC was responsible for conducting Section 106 consultation with the Louisiana State Historic Preservation Officer (SHPO)** to obtain concurrence on GSRC findings. The associated studies were performed under separate work orders.

GSRC prepared the Draft EA in compliance with the National Environmental Protection Act (NEPA) and current Council on Environmental Quality's (CEQ) guidelines. As part of the EA process, GSRC was responsible for submitting the coordination letters to federal, state, and local agencies and affected Native American tribes. The purpose of these letters was to obtain any information or data these groups may have on potentially affected resources in the project's Region of Influence. Mr. Howard Nass is the project manager for this project and is responsible for project finances, scheduling, project coordination, oversight of associated studies, and preparation of the EA. He is also responsible for coordinating with federal, state, and local agencies during the preparation of the EA.



- Environmental and other (cultural resources)

17 FIRM EXPERIENCE:

Firm name	GSRC	Past Performance Evaluation Discipline(s)*	Environmental
Project name	Environmental Assessment (EA) and Environmental Baseline Survey (EBS) for Multiple Projects at Columbus Air Force Base, MS	Firm responsibility (prime or sub?)	Prime
Project number	80700311	Owner's name	USACE, Mobile District
Project location	Columbus Air Force Base, Mississippi	Owner's Project Manager	Sandy P. Gibson
Owner's address, phone, email	109 St. Joseph Street, Mobile, AL 36602; (251) 694-4099; sandy.p.gibson@usace.army.mil		
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost (\$1,000's)	\$219
Services completed by this firm (mm/yy)	09/22	Cost of consultant services provided by this firm (\$1,000's)	\$219

Firm Members Involved: Beau Rapier, John Lindemuth

GSRC was contracted by the USACE, Mobile District, to complete an EA to evaluate the potential environmental consequences associated with anticipated facility enhancements and land use modification projects at Columbus Air Force Base (CAFB) to provide and maintain infrastructure required to support the needs of the 14th Flying Training Wing (FTW) and its tenants. The proposed projects included the replacement and construction of the Physical Fitness Center, replacement and construction of the Water Storage Tank, and permanent placement of fill material into the Strategic Air Command (SAC) Lake. **An architectural historian from GSRC visited CAFB** to evaluate the eligibility potential of Buildings 704, 842, and 9311. After research and analysis, GSRC recommended that none of the evaluated buildings are eligible for listing in the National Register of Historic Places (NRHP). Supporting studies included an analysis of historic architectural resources, wetland delineation, biological resources survey, Phase I Environmental Baseline Survey (EBS) for the acquisition of 118.2 acres, and air quality and noise analyses.

The wetland survey that GSRC conducted resulted in concurrence from the USACE, Mobile District (Regulatory Division) - Birmingham Field Office for a jurisdictional wetland determination for the 3-acre mine pit pond. Additionally, in support of the proposed project activities, the Air Force prepared a Phase I EBS for land acquisition of 118.2 acres abutting the East/South-East property line of CAFB from a private individual to the United States Air Force (USAF). The purpose of this acquisition was to accommodate the necessary lands and setbacks needed to construct a future main security gate into CAFB.

GSRC conducted surveys in compliance with USFWS with Section 7 of the ESA, The Migratory Bird Treaty Act, and the Coastal Zone Management Act. Consultation with the USFWS in accordance with Section 7 of the ESA was completed and no further consultation was required.

The **air quality analysis** evaluated the potential impacts on ambient air quality resulting from pollutant and greenhouse gas emissions from proposed installation construction activities and post-construction installation activities. Similarly, a **thorough noise analysis** evaluated both range enhancement and new facility construction activities. Impacts on the noise environment would be significant if conflicting with applicable federal, state, interstate, or local noise control regulations; or resulting in continuous and long-term noise levels at 85 decibels and above, which is the threshold of hearing damage with prolonged exposure. Impulsive noise levels from munitions are considered significant if emissions exceed 115 decibels A-weighted (dBA), and noise levels from construction are considered significant only if levels exceed 65 dBA. The Finding of No Significant Impacts (FONSI) was signed on September 1, 2022.

- Environmental and other (cultural resources)

17 FIRM EXPERIENCE:

Firm name	GSRC	Past Performance Evaluation Discipline(s)*	Environmental
Project name	Mississippi River Bridge South: LA1 to LA30 Connector, Iberville Parish, Louisiana	Firm responsibility (prime or sub?)	Sub
Project number	80883001	Owner's name	Atlas Technical Consultants LLC
Project location	Iberville Parish, Louisiana	Owner's Project Manager	Anna Choudhuri
Owner's address, phone, email	8440 Jefferson Hwy, Suite 400, Baton Rouge, LA 70809; 877-215-4321; ananya.choudhuri@oneatlas.com		
Services commenced by this firm (mm/yy)	06/24	Total consultant contract cost (\$1,000's)	\$413
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$413

Firm Members Involved: John Lindemuth, Dr. Bretton Somers

GSRC was contracted by Atlas Technical Consultants, LLC to conduct a **terrestrial cultural resources investigation** for three proposed bridge crossing and alignments for the Mississippi River Bridge (MRB) South: LA1 to LA30 Connector in Iberville Parish, Louisiana. The total Area of Potential Effect (APE) for the terrestrial survey was 1,716 acres. A visual APE for standing structures was set at a 0.5-mile buffer around the bridges and approaches. Prior to initiation of fieldwork, background and archival research were conducted. **Archaeological research conducted** within the area consists of academic investigations and contract archaeology. Thirty-one previously conducted archaeological investigations are on file with the Louisiana Division of Archaeology (LADOA) within 1.6 kilometers (km) (1 mile [mi]) of the survey area, twenty of which overlap with the current APE. Of the 52 archaeological sites within a 1-mi radius, one prehistoric site, seven historic sites, and three multicomponent sites are within the APE. Thirty-three previously recorded aboveground resources and four historic properties listed on the **National Register of Historic Places (NRHP)** (Bagatelle Plantation, Towles-Musso House, Lucky Plantation House, and Bayou Paul Colored School) have been recorded in a 1-mi radius of the project area. Of those aboveground resources, two NRHP-listed properties and eight previously recorded Louisiana Historic Standing Structures are within the 0.5-mi visual APE.

The Phase I terrestrial survey of the MRB South alignments were conducted during multiple field sessions from July 9, 2024, to February 27, 2025, and consisted of a pedestrian survey as well as the excavation of shovel test pits (STPs) at 30-meter (m) intervals across all the alignments. A total of 1,716.4 acres (ac) were surveyed for the project, divided across three proposed alternate alignments with a total of 4,204 STPs excavated out of 7,034 pre-plotted STPs. **Archaeological resources recorded during the terrestrial surveys** included revisiting and updating three previously recorded archaeological sites, recording seven new archaeological sites, and recording 14 isolated occurrences (IO-1 through IO-14). In addition, eight archaeological sites were located within areas that were previously surveyed for archaeological resources. During the aboveground survey, a total of 87 locations that fell within the visual APE of the MRB South project corridor were surveyed and evaluated. The survey included two NRHP-listed properties (Bayou Paul Colored School and Lucky Plantation House) and eight previously recorded Louisiana Historic Standing Structures. A total of 77 structures were newly recorded. The most common newly recorded styles and forms were Minimal Traditional (21), Wood Frame Vernacular (19), Ranch (19) and Shotgun (4). Such styles and forms were reflective from the Depression era (1929-1939) through the middle twentieth century; however, some resources that date to the early 1900s were not recorded by previous surveys. Newly recorded less-representative styles and forms include: cemeteries (2), industrial (2), miscellaneous styles/forms (6), and no particular style/form (4). GSRC produced the technical report, which outlined the results of the survey and recommendations for all resources found. The report also integrated the results of the submerged survey, which was conducted by another firm contracted by Atlas.

- Environmental and other (cultural resources)



17 FIRM EXPERIENCE:

Firm name	 FRANKLIN ASSOCIATES		Past Performance Evaluation Discipline(s)*	Other (Public Outreach and Relations support)
Project name	I-10 Widening (LA 415 to Essen Lane on I-10 and I-12) Stage 0, 1, and CMAR		Firm responsibility (prime or sub?)	sub
Project number	H.004100.2	Owner's name	LA DOTD	
Project location	East Baton Rouge and West Baton Rouge parishes		Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, 70802, 225-379-1133, nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	10/11	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$624

Firm Members Involved: James Taylor

Franklin assists the Louisiana Department of Transportation and Development (LADOTD) on the I-10 CMAR project. In 2011, LADOTD initiated efforts to determine whether widening Interstate 10 in Baton Rouge was a feasible approach to mitigating some of the region's traffic issues. The project passes through a constrained urban area with no alternate interstate bypass route available. As the **public engagement lead, Franklin began an outreach campaign** targeting area residents and businesses, as well as commuters and out-of-state travelers. Over 12K responses were received through an online survey. Franklin's team continues to spearhead all public and stakeholder engagement planning, delivery, and documentation for the widening of I-10 through Baton Rouge through several phases: Stage 0 Feasibility, Stage 1 Environmental Assessment, and the current design/build stage.

Throughout these planning and implementation efforts, Franklin's team has developed and deployed **comprehensive public engagement efforts** as the project underwent a feasibility study underwent an **environmental assessment study**, received a finding of no significant impact from the Federal Highway Administration in February 2021 at the end of the environmental process, and is now in its design/build stages for various segments within the inner Baton Rouge corridor of the interstate.

As the engagement lead, Franklin assisted in the design and **deployment of public input surveys** including map-based polling; developed and implemented use of in-person and digital input mechanisms; and coordinated data trending and logistics for **all engagement activities during the planning, environmental, and design phases**. Franklin has deployed multiple and diverse surveys, dozens of stakeholder briefings, focus group meetings, public meetings, and public hearings that complied with state and federal requirements.

*the cost of consultant services are provided from the most recent stage (CMAR)



17 FIRM EXPERIENCE:

Firm name	 FRANKLIN ASSOCIATES		Past Performance Evaluation Discipline(s)*	Other (Public Outreach and Relations support)
Project name	I-49 Inner City Connector			Firm responsibility (prime or sub?) sub
Project number	H.003915	Owner's name	Northwest Louisiana Council of Governments (NLCOG)	
Project location	Shreveport, LA		Owner's Project Manager	Kent Rogers
Owner's address, phone, email	625 Texas Street, Suite 200 Shreveport, LA, 318-841-5950, kent.rogers@nlcog.org			
Services commenced by this firm (mm/yy)	07/09	Total consultant contract cost (\$1,000's)		\$N/A
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$230

Firm Members Involved: James Taylor, Angela Noote

Between July 2009 and January 2016, Franklin **facilitated 33 stakeholder and public meetings with more than 1,200 attendees** and published seven newsletters for the NLCOG I-49 Public Engagement project. Our staff assisted with branding strategies like designing a logo and tagline, building a website to provide project updates, and managing several social media accounts to increase public engagement. The project ramped back up in 2023, with movement toward choosing a preferred route.

Franklin maintains a robust stakeholder database dating back to the project's inception. The team facilitated four small-group stakeholder meetings in early October of 2023 with elected officials, community leaders, and pastors prior to a public open house on October 17. The **public meeting was promoted through multiple channels including advertising, email campaigns, website updates, and flyers disseminated through canvassing and stakeholder support.** The public meeting provided a history of the project and introduced a new build alternative for public consideration. More than 250 people attended, with 245 signing in and providing their contact information. There were 269 comments submitted during the comment period. These were submitted via online comment form, verbally at the meeting, written at the meeting, or via email and mail, and they were analyzed to determine build alternative preference. The project is currently undergoing environmental assessment.



17 FIRM EXPERIENCE:

Firm name	 FRANKLIN ASSOCIATES		Past Performance Evaluation Discipline(s)*	Other (Public Outreach and Relations support)
Project name	I-10 Washington St. EB Exit Ramp Closure			Firm responsibility (prime or sub?) sub
Project number	H.016075.2	Owner's name	LA DOTD	
Project location	East Baton Rouge parish	Owner's Project Manager	Ryan Morvant	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, 70802, 225-379-1067, ryan.morvant@la.gov			
Services commenced by this firm (mm/yy)	01/25	Total consultant contract cost (\$1,000's)		\$54.6
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)		\$30.9

Firm Members Involved: James Taylor

In response to a letter from a State elected official, the Louisiana Department of Transportation and Development (LADOTD) was charged with expediting the permanent closure of the I-10 eastbound exit to Washington Street (since renamed Lorri Burgess Avenue.) The task required notification of the adjacent community served by this exit, and **public outreach** was awarded to Franklin through an IDIQ. Following identification of an environmental justice stakeholder list and affected residential area, the initial scope to produce community meetings was revised by the client to instead **conduct outreach** via mailed notices and community canvassing referencing an online opinion and comment survey.

Franklin defined an EJ community area based on demographic characteristics and proximity to the exit ramp. A mailing list was generated from Property Assessor's parcel data, and a postcard flyer was mailed to all addresses. As a follow-up, teams conducted door-to-door canvassing throughout the defined area, hand delivering flyers and offering project information to building occupants. In addition to the flyers, staff teams carried an exhibit board explaining the ramp closure project and offering QR code links to participate in the online opinion poll. Hardcopy survey instruments were also available when requested. The short poll inquired whether the public was in favor of or opposed to the ramp closure, and how frequently they used the exit.

In addition to the community canvassing, informational kiosks were set up in the local branch library and community center where residents could visit and learn more information about the project. A total of 106 total responses were received. A majority of community residents who frequently used the exit indicated opposition to closure while those who less frequently used the ramp and/or lived outside of the EJ area favored closure.

In conclusion, LADOTD determined that the traffic congestion on eastbound I-10 due to the presence of the exit at the juncture with southbound I-110 warranted the permanent closure of this exit. Further, plans for the in-progress replacement of this segment of interstate highway through Baton Rouge fully eliminated this exit to Lorri Burgess Ave., instead offering the I-110 exit to Terrace Ave. and an exit to Dalrymple Dr., each road at opposite sides of the EJ area.

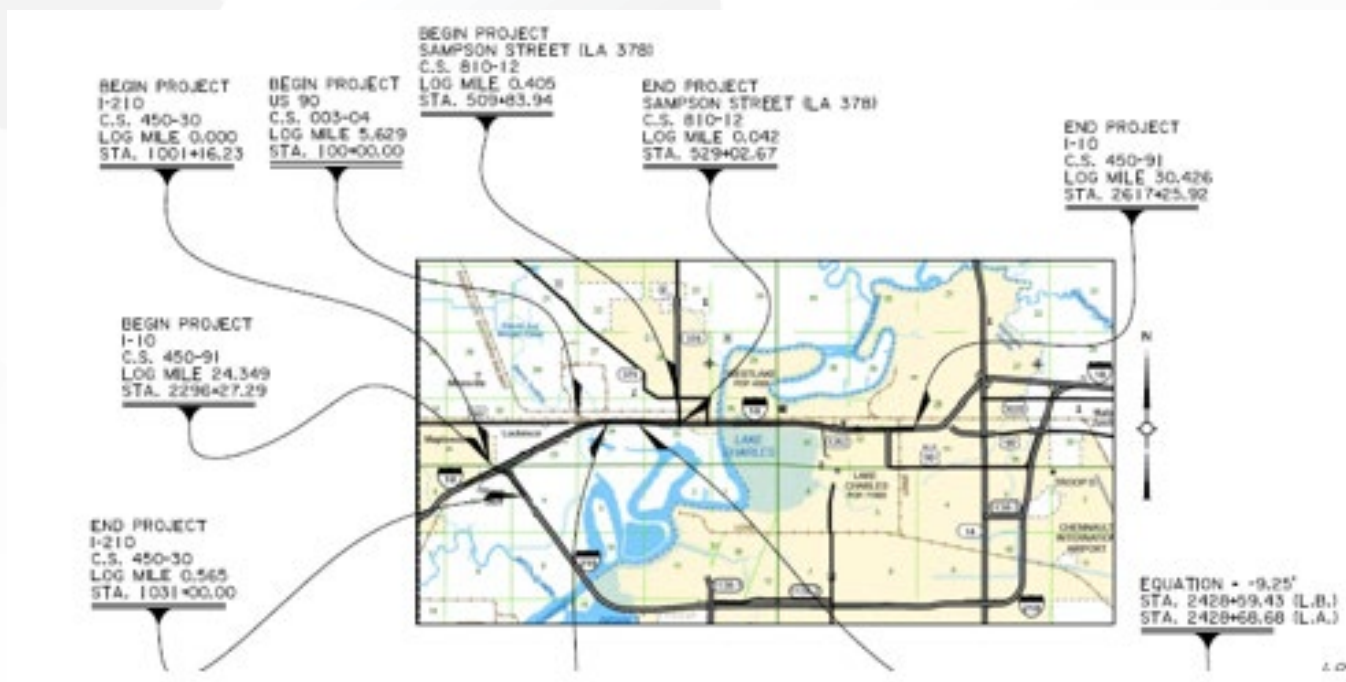


17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Appraiser
Project name	Conceptual Stage Relocation Plan for I-10 Calcasieu River Bridge, Public-Private Partnership (P3)			Firm responsibility (prime or sub?) Sub
Project number	H.003931	Owner's name	TRC Companies, Inc.	
Project location	Calcasieu Parish, Louisiana		Owner's Project Manager	Geoff Wilson, P.E.
Owner's address, phone, email	7915 Wrenwood Boulevard, Suite C, Baton Rouge, Louisiana 70809; 225 205 6869; wilson@trccompanies.com			
Services commenced by this firm (mm/yy)	01/25	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	01/26	Cost of consultant services provided by this firm (\$1,000's)		\$10

Firms Role: Completed *Conceptual Stage Relocation Plan* in 2025 based on various preliminary information. Updated the cost of the real estate impacts in 2026 based on final right-of-way maps. The plan included viewing the projects area, analyzing real estate impacts, determining potential relocations, researching the market area and real estate inventory.

Firm Members Involved: Angela Lemoine-Lakvold



17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Appraiser
Project name	Conceptual Stage Relocation Plan for New Orleans Gateway Program – Jefferson Highway Rail Crossing			Firm responsibility (prime or sub?) Sub
Project number	H.005168	Owner's name	Michael Baker International, Inc.	
Project location	Jefferson Parish, Louisiana	Owner's Project Manager	Christopher Gesing, PE	
Owner's address, phone, email	100 Airside Drive, Moon Township, PA 15108-2783; 412 551 3503; cgesing@mbakerintl.com			
Services commenced by this firm (mm/yy)	03/24	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	01/25	Cost of consultant services provided by this firm (\$1,000's)		\$10

Firm's Role: Completed Conceptual Stage relocation Plan in 2024 based on preliminary information Updated the plan after consultant with the various government entities with regard to the railroad issues. The plan included viewing the project area, analyzing real estate impacts, determining potential relocation, researching the market area and real estate inventory.

Firm Members Involved: Angela Lemoine-Lakvold

Project Management and Final Transportation Study Deliverables: These tasks included completing the Conceptual stage Relocation Report for review and inclusion in the Environmental Assessment.



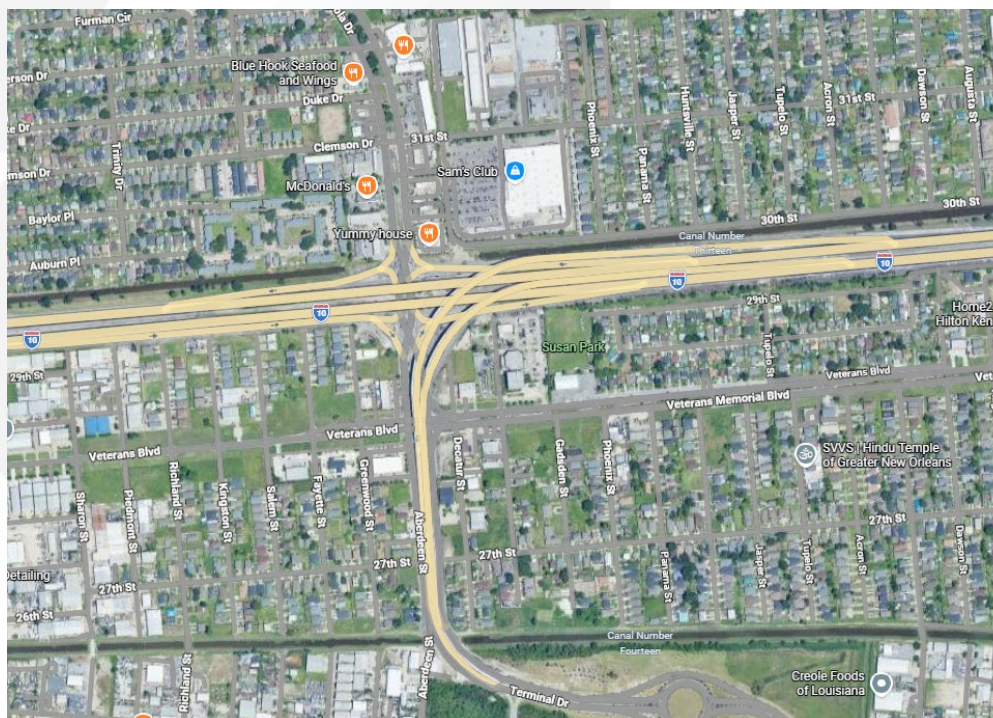
17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Appraiser
Project name	Conceptual Stage Relocation Plan for I-10 /Loyola Interchange		Firm responsibility (prime or sub?)	Sub
Project number	H.011670	Owner's name	CSRS, Inc.	
Project location	Jefferson Parish, Louisiana		Owner's Project Manager	Travis Woodard, PE
Owner's address, phone, email	8555 United Plaza Boulevard, Baton Rouge, LA 70809; 225-766-2526, Ext. 1241; travis.woodard@csrsinc.com			
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	07/18	Cost of consultant services provided by this firm (\$1,000's)		\$25

Firm's Role: Completed Conceptual Stage Relocation Plan based on preliminary information. Updated the plan based on a revised study area. The plan included viewing the project area, analyzing real estate impacts, determining potential relocation, researching the market area and real estate inventory.

Firm Members Involved: Angela Lemoine-Lakvold

Project Management and Final Transportation Study Deliverables: These tasks included completing the *Conceptual Stage Relocation Report* for review and inclusion in the *Environmental Assessment*.



17 FIRM EXPERIENCE:

Firm name		Past Performance Evaluation Discipline(s)*	Other (Simulation Maritime Research)
Project name	Port of New Orleans – Proposed Violet Container Terminal Maritime Simulation Study, Port of New Orleans, St. Bernard Parish, LA.		Firm responsibility (prime or sub?) Prime
Project number	2021R-NOLA-000	Owner's name	Board of Commissioners of the Port of New Orleans
Project location	Covington, LA	Owner's Project Manager	George B. Burkley
Owner's address, phone, email	1350 Port of New Orleans Place, New Orleans, LA 70130		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost (\$1,000's)	\$73
Services completed by this firm (mm/yy)	04/22	Cost of consultant services provided by this firm (\$1,000's)	\$26

Firm Members Involved: George B. Burkley, Fernando S. Lagunes

LOCUS conducted a full-mission maritime simulation study for the Port of New Orleans to evaluate the navigational feasibility of a proposed container terminal located along the Mississippi River near Violet, Louisiana. The study **evaluated operations for Ultra-Large Container Vessels (ULCVs)** utilizing the proposed terminal layout, with a focus on **vessel maneuverability**, berthing operations, turning requirements, and navigation safety considerations.

LOCUS coordinated with the Port of New Orleans, Maritime Pilots Institute, and Crescent River Port Pilots Association (CRPPA) to **develop and execute simulation scenarios representative of anticipated terminal operations**. The study utilized the Kongsberg Full Mission Ship Simulator to evaluate 400-meter, 23,000 TEU ULCV operations under varying river current conditions and with assistance from four ASD tractor tugs.

LOCUS facilitated 21 simulation runs conducted by CRPPA pilots to **evaluate vessel approach, maneuvering, and operational feasibility** at the proposed terminal.

Simulation results were analyzed to identify potential navigation constraints, including interactions with nearby anchorage areas and available turning space for large container vessels. Based on pilot feedback and simulation findings, LOCUS **developed recommendations to improve navigational safety** and operational feasibility, including modifications to anchorage utilization.

LOCUS prepared a **comprehensive technical report documenting simulation methodology**, operational evaluations, findings, and recommendations. The study provided the Port of New Orleans with critical navigation assessments to support decision-making related to terminal development and future vessel operations.



17 FIRM EXPERIENCE:

Firm name		Past Performance Evaluation Discipline(s)*	Other (Simulation Maritime Research)
Project name	Port of Houston – Terminal 3 Barbours Cut Channel Feasibility Level Ship Simulation Study		Firm responsibility (prime or sub?) Prime
Project number	2025R-PHOU-002	Owner's name	Port of Houston Authority
Project location	La Porte, TX	Owner's Project Manager	George B. Burkley
Owner's address, phone, email	111 East Loop North, Houston, TX 77029		
Services commenced by this firm (mm/yy)	10/25	Total consultant contract cost (\$1,000's)	\$215
Services completed by this firm (mm/yy)	04/26	Cost of consultant services provided by this firm (\$1,000's)	\$99

Firm Members Involved: George B. Burkley, Fernando S. Lagunes

LOCUS conducted a Feasibility Level Ship Simulation Study (FLSS) for the Port of Houston to **evaluate the navigational and geometric feasibility** of proposed Terminal 3 (T3) container terminal layouts at the Barbours Cut Channel. The study assessed the ability of Ultra Large Container Vessels (ULCVs) to safely navigate the channel, turning basin, and proposed terminal berths while identifying potential operational constraints and design considerations.

LOCUS coordinated with the Port of Houston, the prime firm, Houston Pilots Association, and San Jacinto College Maritime Campus to develop and **execute full-mission bridge simulation scenarios** using the Houston Pilots' Kongsberg K-Sim ship simulators. The study team evaluated proposed terminal configurations for Groups 1, 3, and 4, including vessel transits through the Barbours Cut Channel, maneuvering within the inner turning basin, and docking and undocking operations at multiple berths.

LOCUS supported the execution of **41 piloted ship simulation runs** conducted over five days, incorporating representative vessel characteristics, operational conditions, and pilot expertise. Following each simulation, LOCUS facilitated structured debriefings to capture pilot observations, evaluate maneuvering performance, and identify potential navigation risks and opportunities for design refinement. LOCUS prepared the final **technical report summarizing simulation methodology**, evaluation criteria, operational findings, and recommendations. The study provided the Port of Houston and project team with critical feasibility-level navigation information to support advancement of Terminal 3 design development.



17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Other (Simulation Maritime Research)
Project name	Port of Houston – Bayport East End Development (BEE) Feasibility-Level Ship Simulation Studies		Firm responsibility (prime or sub?)	Sub
Project number	2024R-GBA-006	Owner's name	A Joint Venture of Turner Collie & Braden and Gahagan & Bryant Associates, Inc.	
Project location	La Porte, TX		Owner's Project Manager	George B. Burkley
Owner's address, phone, email	3120 Southwest Freeway, Suite 545 Houston, Texas 77098			
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost (\$1,000's)		\$242
Services completed by this firm (mm/yy)	09/25	Cost of consultant services provided by this firm (\$1,000's)		\$116

Firm Members Involved: George B. Burkley, Fernando S. Lagunes

LOCUS conducted a phased series of feasibility-level ship simulation studies for the Port of Houston to evaluate the navigational and geometric feasibility of the proposed Bayport East End Development (BEE) terminal. The studies assessed vessel maneuverability, basin geometry, berth accessibility, tug requirements, and operational constraints associated with Ultra Large Container Vessel (ULCV) operations to support advancement of the terminal design.

LOCUS coordinated with the Port of Houston, Houston Pilots Association Safety Committee, and tug operators to **develop and execute simulation scenarios representative of anticipated BEE terminal operations**. Using the Houston Pilots Association's Kongsberg K-Sim Navigation Full Mission Bridge Ship Simulators located at the San Jacinto College Maritime Campus, LOCUS evaluated multiple vessel configurations, including 366-meter and 400-meter class ULCVs, under varying wind conditions and tug assistance scenarios.

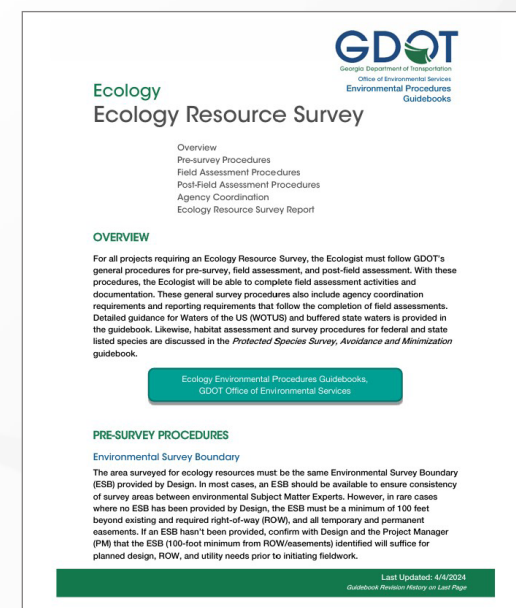
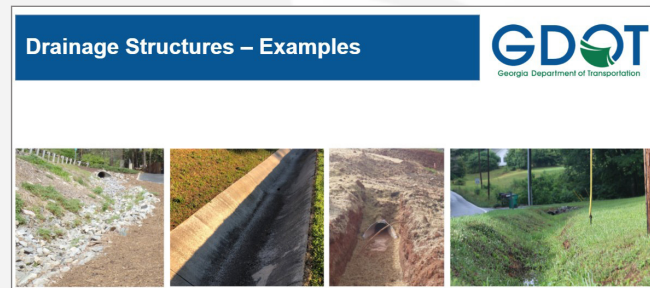
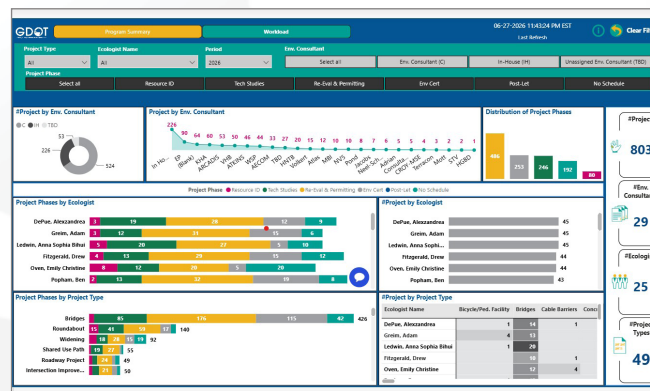
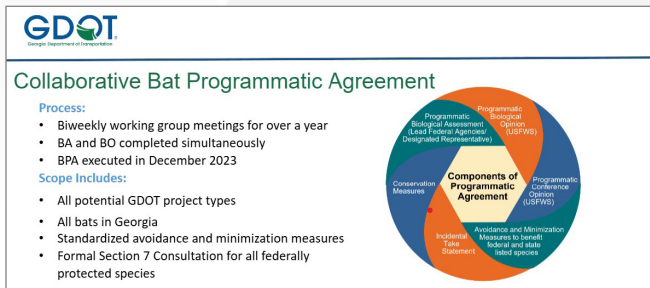
Across three phases of study, LOCUS conducted a **comprehensive evaluation of proposed BEE layouts, including vessel approach, basin entry, turning, docking, and undocking operations at multiple berths**. The initial phase assessed space utilization and operational feasibility for proposed terminal geometry. Subsequent phases evaluated additional vessel classes, tug requirements, and environmental conditions to identify operational limitations and confirm design adequacy. During the final phase, LOCUS supported an iterative design refinement process by evaluating modifications to the basin entrance geometry and assessing the **feasibility of the revised configuration**.

LOCUS analyzed simulation results, incorporated pilot observations, and prepared technical reports **documenting simulation methodology, operational findings, design considerations, and recommendations**. The phased studies provided the Port of Houston with critical navigational assessments to support terminal planning, design refinement, and future project development.



SECTION 18

Arcadis helped GDOT strengthen and modernize its environmental program through technical expertise, innovative technology, and collaborative leadership. From facilitating a statewide Bat Programmatic Agreement to developing an interactive workload management dashboard and creating environmental training programs, guidebooks, and toolkits, our team delivers solutions that improve efficiency, streamline decision-making, and build long-term organizational capacity. These efforts helped GDOT enhance program consistency, support environmental stewardship, and advance the on-time delivery of transportation projects across Georgia.



"I've had the opportunity to work closely with Arcadis for over 10 years, managing contracts that support GDOT's Ecology Section and contribute to the successful, on-time delivery of a large and complex infrastructure program. Throughout this partnership, Arcadis has consistently stepped in to lead or support program-level initiatives—especially when internal capacity or technical expertise was limited.

Most recently, their team has played a key role in several high-impact efforts, including the development of a data visualization tool for workload management and prioritization, the facilitation of a multi-agency, species-specific programmatic agreement, and the creation of training modules used for both staff development and consultant prequalification.

Jason Morrell has been an exceptional project manager on these contracts. He is highly accessible, technically proficient, and adept at aligning staff strengths with project needs. His ability to deliver creative and efficient solutions has been invaluable. I highly recommend Jason and the skilled Ecology team at Arcadis."

-Chris Goodson, GDOT Senior Ecology Section Manager – Program & Policy Lead

Project Management. An experienced project management team is essential to delivery of a DOTD program level IDIQ contract. Each Task Order is a unique project that requires a tailored approach beginning with scoping. We will analyze the complexity of each project and location, potential environmental resources, NEPA Class of Action, and permitting required. We will then develop a scope and fee based on experience delivering projects of similar scale and complexity, and negotiate a Task Order agreement that is reasonable and acceptable to all parties.

Upon issuance of a NTP, we will develop a *Project Work Plan* with a detailed scope and schedule and identify the most qualified staff based on the approved scope. *We are committed to establishing and maintaining schedules that are compliant with NEPA timelines* under 23 CFR § 771.138 (i.e., 1-year EA and 2-year EIS) and will support DOTD in meeting these timelines by advancing Pre-NEPA activities, where feasible.

Upon selection, a *QA/QC Plan* will be submitted defining the procedures that will govern each Task Order. Our team will implement a QA/QC program focused on preventing errors and omissions through milestone reviews, discipline checks, peer and independent reviews, and Project Manager confirmation that deliverables meet DOTD requirements. For Task Orders requiring public outreach and coordination, A *Public Engagement Plan* will be submitted to document public involvement and agency coordination appropriate for the anticipated NEPA Class of Action.

NEPA Class-of-Action Development and Documentation. Our team will work with DOTD to establish/confirm purpose and need, logical termini and independent utility, identify key environmental constraints, and determine the Class-of-Action. *Our NEPA practitioners will seek to decrease the Class of Action through innovative mitigation strategies to avoid/minimize impacts.* Our multidisciplinary team integrates traffic analyses, line and grade studies, environmental studies, agency coordination, public involvement, and alternatives analyses through a stepwise NEPA process to ensure environmental documents are technically sound, legally defensible, and responsive to agency/stakeholder concerns. We will bring a collaborative approach from

alternative delivery projects to address significant changes to environmental impacts from design/construction through comprehensive NEPA re-evaluations.

Resource-Specific Technical Analyses. Arcadis conducts environmental technical studies using a combination of GIS analysis, agency database reviews, and field investigations. Our subject matter experts work collaboratively to identify environmental constraints, evaluate impacts, and develop avoidance and minimization measures. For this IDIQ, we have assembled a team that can complete all technical studies required under NEPA or targeted discipline studies based on the project needs.

The Arcadis Team will conduct wetland delineations and protected species surveys in accordance with USACE guidance, USFWS protocols, and DOTD requirements. Our ecologists will perform systematic field surveys, collecting GPS data; photographs; and soil, vegetation, and hydrology data. Wetland findings will be documented and mapped in a manner that supports NEPA and USACE permitting. Our biologists will conduct habitat assessments and species-specific surveys to identify the presence or potential occurrence of federally and state-listed species. Survey methods will be tailored to the species of concern, ranging from pedestrian transects for flora and herpetofauna, to point counts and acoustic surveys for avian and bat species.

Our cultural resources team, led by GSRC, will conduct archeological and historic surveys in compliance with Section 106 of the National Historic Preservation Act and LA Division of Archaeology and Historic Preservation guidelines. Our methodology begins with background research and archival review to identify previously recorded sites and assess the Area of Potential Effect (APE). Field investigations are then carried out using pedestrian survey, shovel testing, and architectural documentation; following state standards for probability-based survey design. Findings will be documented with GPS, photography, and detailed field forms; and evaluated for National Register of Historic Places (NRHP) eligibility. Deliverables will include survey reports and cultural resource inventory forms prepared in accordance with DOTD and SHPO requirements. For

projects resulting in adverse impacts to NRHP listed/eligible resources we will support DOTD in consulting-party/agency coordination, prepare Memoranda of Agreement (MOA), and complete data recovery.

We will conduct Traffic Noise Analysis studies in accordance with 23 CFR 772 and DOTD noise policy. ***With staff experienced in field measurements as well as Versions 2.5 and 3.2 of the FHWA Traffic Noise Model, we are prepared to complete all requested highway noise analyses.*** For Air Quality, we will provide documentation for transportation conformity under the Clean Air Act as well as a discussion of Mobile Source Air Toxics in line with FHWA guidance.

The Arcadis Team will prepare complete permit applications, drawings, and mitigation plans to obtain agency authorizations. ***Our team works proactively with permitting agencies to define approval pathways, identify data needs, and resolve issues early.*** We collaborate with design and construction teams to ensure all impacts are fully captured. Where required, our drainage engineers and Certified Floodplain Managers will complete detailed modeling such as HEC-RAS to support FEMA compliance, floodplain evaluation, and permit approvals. ***We have teamed with Locus to complete marine navigation studies and vessel height surveys to support USCG bridge permits.***

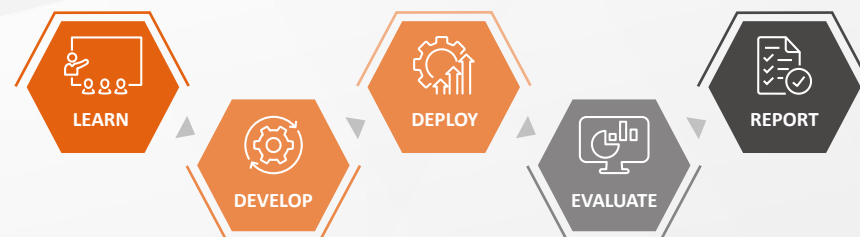
For community impact assessment we will employ an iterative analysis using demographic data as a tool to evaluate social, economic, and community effects. Through this analysis we will identify potential impacts to social and economic conditions, and community facilities and services because of project alternatives.

Our Section 4(f) evaluations will begin by identifying publicly owned parks, recreation areas, wildlife and waterfowl refuges, and historic sites within the project area and determining whether they qualify as protected Section 4(f) properties. If protected properties are present, the analysis then evaluates whether the proposed action would result in a direct use, temporary occupancy, or constructive use of the property. If a use is identified, the evaluation will document whether there is any feasible and

prudent avoidance alternative; if none exists, the report will demonstrate that the selected alternative includes all possible planning to minimize harm and represents the alternative with the least overall harm, consistent with FHWA Section 4(f) guidance and 23 CFR Part 774.

The Arcadis Team will complete Phase I and Phase II ESAs in accordance with current ASTM standards and industry best practice. We will conduct site reconnaissance and interviews, document environmental conditions and data gaps, and promptly notify DOTD if findings indicate the need for additional coordination, avoidance, design consideration, or Phase II investigation. Results will be presented in concise Phase I/II ESA reports and summarized for inclusion in the NEPA document.

Public Involvement and Agency Coordination. Our public involvement approach is focused on building open and honest communication with the communities our projects serve. At the outset of each Task Order, we will meet with DOTD to identify goals and corresponding milestones to create a comprehensive engagement plan aligned with project objectives. Our team researches, analyzes, and monitors public perceptions; develops appropriate messaging and information dissemination channels; and works closely with DOTD to develop and execute communications strategies that fit the organization and the community. ***Our public involvement team led by Franklin Associates integrates into the community*** they serve to understand stakeholders' needs and concerns and allow those perspectives to guide public engagement. As each Task Order progresses, we will assess stakeholder feedback and report findings to the project team to inform decision-making. Throughout the project, the Arcadis Team will work closely with DOTD to ensure timely and effective communication, ensuring messaging is consistent across all channels, and the collection of community input is accessible.



The key to success in the eyes of the local community will be developing a foundation of trust, support, and ownership in the project built on transparency in project planning and swift response to citizen/citizen group inquiries. A Public Engagement Plan will outline specific procedures and tactics to be utilized on each Task Order. The team will review prior plans and outreach for the project before moving into public-facing efforts to ensure the approach is infused with local learnings. For projects with significant community impacts, we will take effective actions ahead of public meetings to build a framework to engage affected communities. The Arcadis Team will identify key stakeholders, including public officials, community leaders, long-time business owners, and community influencers, to be included in targeted outreach. Initial stakeholder interactions will provide insights into overall desires and needs of the community, offer a focus-group style review of outreach materials, and flesh out the stakeholder list to be developed in conjunction with DOTD.

NEPA Process Management and Specialty Services. Our team will identify prior environmental commitments, document responsible parties, and track mitigation through design, permitting, construction, and closeout. Where standard mitigation is not available, we will identify, evaluate, and coordinate project-specific mitigation. The Arcadis Team will provide responsive support and NEPA compliance for emergency and expedited projects in close coordination with DOTD and resource agencies. We have assembled a deep team across all disciplines with the capacity to deploy to the field quickly on time-sensitive projects. We know that DOTD is currently pursuing NEPA Assignment for Categorical Exclusions (23 U.S.C. 326) and plans to pursue Full NEPA Assignment (23 U.S.C. 327) in the future. Drawing upon our experience developing environmental procedures documents, training media, and programmatic agency agreements, *the Arcadis Team will assist DOTD with updating environmental procedures/guidance in preparation for NEPA Assignment.* Our approach is to develop concise “guidebooks” organized by environmental discipline, rather than one comprehensive manual. Concise guidance documents allow practitioners to easily find information on a specific procedure and can be easily updated to keep pace with

changing environmental regulations. *We will work with DOTD to streamline agency consultations through collaborative agreements* that eliminate delays and costs associated with project-specific agency consultations, as well as seasonal surveys and construction restrictions.

Alternatives Development & Engineering-to-Environmental Integration.

Our process begins with review of Stage 0 studies, traffic and safety data, and known resource constraints. Where earlier studies are still valid, we will avoid duplicating work; where conditions have changed, we will identify targeted updates. *This Planning-To-NEPA Integration will identify carry-forward decisions, data gaps, required technical studies, and agency coordination.* An ESRI geodatabase will be developed for environmental constraint mapping that combines parcels data, utilities, LiDAR/survey, wetlands and waters of the U.S., floodplains/floodways, Section 4(f)/6(f) resources, historic properties, threatened and endangered species, hazardous materials, and community features. As concepts and environmental studies advance, the geodatabase will be updated for alternative refinement.

Before screening alternatives, we will validate purpose and need using capacity, safety, condition, connectivity, system linkage, modal deficiencies, and legislative direction. Alternative screening will be scaled to the complexity of each project and organized around measurable criteria including traffic operations and safety performance, right-of-way and relocations, utilities, environmental resources, community impacts, floodplains, constructability, maintenance of traffic, and cost. For alternatives analysis, Arcadis will prepare comparison matrices, preferred alternative concurrence packages, and technical memorandum. *To support alternative selection, our roadway and structural engineers will prepare line and grade studies, bridge concepts, and cost estimates.* By integrating conceptual engineering with environmental resource investigations, we will identify fatal flaws, refine footprints, and advance practical, cost-effective alternatives.

Traffic Analyses. Traffic operations and capacity analysis required for NEPA studies will typically start with defining the project impact area and

confirming the validity of available data and results from previous studies. Where data gaps exist, we will develop a targeted data collection plan. This may require the use of probe-based data including origin destination, travel times, and speed data. We will develop design-year forecasts using the regional MPO models, or historical traffic data for projects outside of MPO areas. **Operational analyses will be tailored to the facility type and network complexity.** Our team is proficient in HCS, Synchro/SimTraffic, Vissim, Dynameq, and SIDRA, and all DOTD approved tools. For complex corridors where deterministic tools do not fully capture operational performance, we will develop calibrated microsimulation models.

For safety analysis, we will review three to five years of crash history to identify crash patterns, high-crash locations, severity trends, vulnerable road user safety issues, and systemic risk factors. We will evaluate existing safety performance and assess how alternatives may improve or affect safety using **HSM methodologies**, including Safety Performance Functions and Crash Modification Factors, to quantify anticipated safety benefits and support **benefit-cost analysis**.

For projects with construction-phase impacts, Arcadis will prepare conceptual MOT and work-zone analyses, detour evaluations, and all analysis and documentation required for a **Transportation Management Plan (TMP)**. TMPs will be developed to comply with all applicable state and federal policy requirements. Our approach focuses on maintaining mobility, emergency access, school bus and transit routing, freight movement, business access, pedestrian and bicycle access, and community connectivity during construction.

Depending on the Task Order, traffic deliverables may include data collection summaries, forecasting memoranda, operational and safety analyses, and TEPR documentation developed in coordination with the DOTD Traffic Engineering Section. **Our goal is to provide traffic analyses that are technically sound and supportive of alternatives development and environmental documentation.**

Pre-NEPA, Feasibility, and General Environmental Services. Given the aggressive NEPA timelines under 23 CFR § 771.138(a), the Arcadis Team will work to advance planning and environmental studies prior to starting the NEPA. Our process begins by reviewing previous planning/feasibility studies, determining whether they are still valid and can be carried forward to NEPA, and completing a FHWA Planning and Environmental Linkages (PEL) questionnaire to document the connection. This process allows us to identify data gaps before NEPA begins and update studies as needed. **Where feasible, we will advance traffic and/or environmental studies to allow DOTD to begin NEPA with current data and known resource/permitting constraints.**

Work Category H — Non-Federal Aid Project Delivery. For non-federal aid projects, our team will identify applicable local, state, and federal permitting and NEPA requirements, if applicable. We will then develop an environmental compliance strategy in coordination with DOTD and complete agency consultations, permitting, and technical studies appropriate for the project type and funding source. Our familiarity with Louisiana environmental regulations and permitting allows us to efficiently advance projects while maintaining compliance with applicable requirements and DOTD expectations.

PROPOSED ENVIRONMENTAL SCHEDULE FOR A TYPICAL CATEGORICAL EXCLUSION (CE)									
Month	1	2	3	4	5	6	7	8	9
Work Category	Project Initiation								
		Data Collection & Environmental Screening							
			Technical Studies & Agency Consultations						
					Public Involvement				
							Categorical Exclusion		
Deliverables	• Project Work Plan • QA/QC Plan • Validate Purpose & Need • Class of Action Determination	• Review Previous Studies • GIS Constraints Map • Solicitation of Views	• Wetland Findings Report • Biological Survey Report	• Cultural Resources Survey Report • Phase I ESA Report • Navigation Determination	• Biological Assessment • Public Notices • Public Meeting Materials	• Hold Public Meeting • Public Meeting Transcript	• Draft Categorical Exclusion	• DOTD Review • Final Categorical Exclusion	• FHWA Approval

SECTION
19

Through **Franklin Associates**, offer strategies to further LADOTD's mission, enhance transparency, and build lasting relationships with the public. Acknowledging each individual and community are unique; we understand the need to "meet people where they are" to provide the most relevant educational content and to gain the most honest and accurate input from key stakeholders. Franklin Associates develops strategies that integrate traditional media, digital marketing, social media, public relations, and community outreach to ensure a cohesive and impactful message reaches the target audience.

12

Federally recognized
disaster recovery efforts
supported

25+

Government agencies
assisted representing over
\$15B in funding

14

States where work
has been delivered

6,500+

In-person stakeholder
engagements conducted



19 WORKLOAD:

Firm(s) <u>ALL FIRMS MUST BE REPRESENTED IN THIS TABLE</u>	Discipline	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Data Collection	4400023812 / H.015377.5	Weigh Station Assessment	\$352,125
	Traffic	4400019379 / H.013797	LA 30: EBR PL – I-10	\$481,700
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$4,510
		4400023690 / H.015590.5	LA 494: LA 6 To Blanchard Rd	\$34,512
		4400023690 / H.016529.5	US90BUS (Broad St): Enterprise BL – I-210	\$128,352
		4400023690 / H.016380.5	LA 1024: S-Wave Ground Inlay Grooves	\$4,118
		4400017033 / H.005121	LA 1/LA 415 Connector	\$126,498
		4400025625 / H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$93,857
		4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	\$9,676
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$500,000
		4400025047 / H.011358.2	US 190 (Vine Street) Reconstruction	\$57,906
		4400021325 / H.010824.1	US 71 Corridor Study	\$56,430
		LTRC Project No. 26-5SS / SIO No. DOTLT1000610	Expanding Adaptive Traffic Control Systems: A Strategic Study For Louisiana's Arterial Highways	\$97,000
		4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(40% of remaining work is complete and invoiced but awaitng payment)</i>	\$868,084
		4400026028 / H.012311.2	LA 429 Connector (LA 30 / LA 73 TO US 61)	\$428,536
		4400026027 / H.003771	I-10 at LA 74	\$256,554
	Road	4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$2,883
		4400017033 / H.005121	LA 1/LA 415 Connector	\$309,701
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Road Task Orders	\$10,377
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$200,000
		4400026028 / H.012311.2	LA 429 Connector (LA 30 / LA 73 TO US 61)	\$657,630
		4400026027 / H.003771	I-10 at LA 74	\$67,274
	ITS	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(40% of remaining work is complete and invoiced but awaitng payment)</i>	\$276,209
		4400026457 / H.013868.5	ITS MGMT, OPERATIONS, & MAINT	\$217,962
		4400026457 / H.013868.6 (A)	ITS MGMT, OPERATIONS, & MAINT	\$107,689
		4400026457 / H.013868.6 (B)	ITS MGMT, OPERATIONS, & MAINT	\$149,134
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$100,000

Firm(s) <u>ALL FIRMS MUST BE REPRESENTED IN THIS TABLE</u>	Discipline	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Environmental	4400019338 / Multiple State Project Nos	Rural Bridge Replacement Initiative Phase II	\$17,088
		4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(40% of remaining work is complete and invoiced but awaiting payment)</i>	\$78,917
		4400009281 / H.009932	US 80 Widening: Vancil Road to Well Road EA	\$5,343
		4400025022 / H.015498.5 Recall 102225	Park Road Over Lagoon	\$7,310
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Env. Task Orders	\$81,888
		4400025625 / H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$32,977
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$50,000
		4400025047 / H.011358.2	US 190 (Vine Street) Reconstruction	\$5,035
		4400030714 / H.016648.1	I-12@I-55 Interchange Improvement Study	\$162,665
		4400026028 / H.012311.2	LA 429 Connector (LA 30 / LA 73 TO US 61)	\$691,308
		4400026027 / H.003771	I-10 at LA 74	\$215,198
	Bridge	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(40% of remaining work is complete and invoiced but awaiting payment)</i>	\$473,501
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Bridge Task Orders	\$12,914
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$100,000
	CE&I/OV	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(40% of remaining work is complete and invoiced but awaiting payment)</i>	\$276,208
		4400027361 / H.011220.6, H.012901.6, H.010634.6	US 90 Engineering Support	\$248,515
		4400016923 / H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$192,319
		4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I)	N/A
		4400025665 / H.013482.6	I-10 WBR Queue Warning System	\$21,492
	Environmental	H013284	Mississippi River Bridge South Central	\$1,400

Firm(s) <u>ALL FIRMS MUST BE REPRESENTED IN THIS TABLE</u>	Discipline	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Appraiser	SPN H.004100	LA 415 to Essen on I-10 and I-12; Phase I: Washington Street to Essen Lane, East Baton Rouge Parish, LA	\$86,340
		SPN H.007811	Comite River Diversion Canal, Amite River and Tributaries, East Baton Rouge Parish, LA	\$20,800
		SPN H.003931	Interstate 10 Calcasieu River Bridge, Public – Private Partnership Project, Calcasieu Parish, LA	\$120,000
		SPN H.011909	Roundabout: US 71 at Boone Street, Vernon Parish, LA	\$12,000
		SPN H.010960	LA 30 Roundabout at Tanger & I-10, Ascension Parish, LA	\$12,000
		SPN H.009837	LA 64 Roundabout @LA 1019, Livingston	\$32,000
		SPN H.002868	I-49 S. Amb Caffery/US 90, Lafayette	\$12,000
	Other (Public Outreach and Relations support)	H.003915	I-49 Inner City Connector, Stage 1 Environmental Assessment	\$5,297
		H.004100.5	I-10 CMAR RCP Plans – Segment 1	\$40,170
		H.013284	MRB South GBR: LA 1 to LA 30: NEPA EA	\$26,958
		H.004791	Belle Chasse Bridge Replacement Project	\$16,219
		H.003931	I-10 Calcasieu River Bridge Replacement Project	\$25,133
		H.005121	Sugarhouse Road Environmental Assessment	\$957
	N/A	N/A	N/A	N/A

Stewarding Louisiana's heritage through every phase of project delivery, our archaeologists and architectural historians bring decades of experience evaluating and documenting Louisiana's cultural resources. By combining technical expertise with a practical understanding of transportation delivery, we help preserve the stories, places, and landscapes that define Louisiana while supporting successful project outcomes.



STAFF CERTIFICATION CHART SUMMARY

Names	Firm	Relevant Certification
Bonnie Bynum <i>Meets MPR No. 1</i>	 ARCADIS	FHWA – NHI Course No. 142005 NEPA and Transportation Decision Making
Jason Morrell, PWS <i>Meets MPR No. 2</i>	 ARCADIS	Professional Wetland Specialist Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 NHI course No. 142005, “National Environmental Policy Act and Transportation Decision Making” FHWA – NHI Course No. 142047 – Water Quality Management of Highway Runoff Institute for Wetland & Environmental Education & Research, Inc. – Corps Wetland Delineation Manual Watershed Hydrology Consultants, LLC – Assessing and Advancing Watershed Management – Identification of Intermittent and Perennial Streams
Daniel Burgin, INCE <i>Meet MPR Nos. 3 & 4</i>	 ARCADIS	Institute of Noise Control Engineering Certification TNM 2.5 Training NTI Transportation Conformity Training EPA MOVES Training NTI Transit Noise and Vibration Training
Justin Maderia, PE, PTOE, PTP <i>Meet MPR No. 4</i>	 ARCADIS	Professional Transportation Planner (PTP) Professional Traffic Operations Engineer (PTOE) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Hunter Guidry <i>Meet MPR Nos. 6 & 7</i>	 ARCADIS	USACE - Wetlands Delineation Training Course
Jose Rodriguez, PE <i>Meets MPR No. 10</i>	 ARCADIS	ATSSA Traffic Control Supervisor NHI – Overview of Roadside Safety
Osama Shahawy, PE <i>Meets MPR No. 11</i>	 ARCADIS	FHWA – NHI Course No. 130055 Safety Inspection of In-Service Bridges
Ari Deitch, PE, PTOE, PTP, RSP <i>Meet MPR Nos. 12 & 13</i>	 ARCADIS	Road Safety Professional (RSP) Professional Traffic Operations Engineer (PTOE) Professional Transportation Planner (PTP) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor NHI - Highway Safety Manual Workshop

Names	Firm	Relevant Certification
		NHI Traffic Signal Design & Operation
Kester Hollier, PE, PTOE <i>Meets MPR No. 12</i>	 ARCADIS	Professional Traffic Operations Engineer (PTOE) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor NHI – Overview of Roadside Safety
Akhil Chauhan, PE, PTOE, PTP, PMP	 ARCADIS	Professional Traffic Operations Engineer (PTOE) Project Management Professional (PMP) Professional Transportation Planner (PTP) Traffic Engineering Analysis Process & Report Module 1, 2, & 3 Various Relevant NHI and DOTD Courses
Jan Grenfell Hughes	 ARCADIS	Section 106 of the National Historic Preservation Act Training NHI course No. 142005, “National Environmental Policy Act and Transportation Decision Making” NHI Course No. 142049 – Beyond Compliance: Historic Preservation in Transportation Project Development NHI – Fundamentals of Title VI/Environmental Justice NHI – Federal Aid Highways – 101 (State Version) Wetland Biochemistry Institute - Wetland Delineation Training Workshop LADOTD – Endangered Species Act – Section 7 Consultation Process
Lina Khoury, PE, CFM	 ARCADIS	Certified Floodplain Manager (CFM) Certified Professional in Erosion and Sediment Control (CPESC)
Daniel Arnold, AICP	 ARCADIS	American Institute of Certified Planners
Catherine Bruns	 ARCADIS	ATSSA Traffic Control Technician
John Lindemuth <i>Meets MPR No. 8</i>		ATSSA Traffic Control Supervisor University of Nevada, Reno Heritage Resources Mgt Program – Introduction to Section 106 Review
Dr. Bretton Somers <i>Meets MPR No. 8</i>		Registered Professional Archaeologist ATSSA Traffic Control Supervisor National Preservation Institute Seminar – Section 106 Introduction
Ross Hackbarth		Wetland Delineation Training

Names	Firm	Relevant Certification
Beau Rapier		Wetland Delineation Training
Angela Lemoine-Lakvold, R/W-AC		Appraisal Institute – MAI Member Appraisal Institute – SRA Member Right-of-Way Appraisal Certified Certified General Appraiser
James Taylor, MLA, AICP		American Institute of Certified Planners Local Public Agency (LPA) Pilot Workshop

Louisiana's Secretary of State (SOS) Registration Screenshots for: **Arcadis U.S., Inc., Gulf South Research Corporation, Franklin Associates, LLC, The Lakvold Group, LLC, and LOCUS, LLC** are located at the end of this section.



U.S. Department
Of Transportation
Federal Highway
Administration



NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

National Highway Institute

Certificate of Training

Bonnie Bynum

has participated in

FHWA-NHI-142005

NEPA and Transportation Decision-making

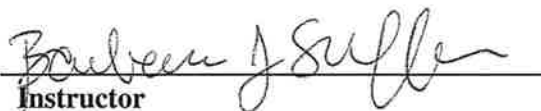
hosted by

South Carolina Department of Transportation

Date: April 22-24, 2014

Location: Columbia, SC

Hours of Instruction: 19.5


Instructor


Instructor



SCDOT – Training Resource Manager



Richard Barnaby, Director
National Highway Institute



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

renews the designation

Professional Wetland Scientist

For

Jason E. Morrell

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification
Renewal Program, and verified by the Society's Certification Renewal Review Panel.
Professional Wetland Scientist Number 2319 issued on 4/1/2013 and recertified on 5/2/2023.
Due to recertify again by 4/1/2028.





Rob McInnes, PWS
President



Pat Frost, PWS
Certification Renewal Chair



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

National Highway Institute

Certificate of Training

JASON MORRELL

has participated in

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

hosted by

LA DOTD/LTRC

Date: December 3-5, 2018

Hours of Instruction: 18

Location: Baton Rouge, LA



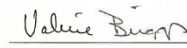
Instructor



Instructor



Local Coordinator



Valerie Briggs, Director
National Highway Institute



NATIONAL HIGHWAY INSTITUTE



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

National Highway Institute

Certificate of Training

Jason Morrell

has participated in

FHWA-NHI-142047 Water Quality Management of Highway Runoff

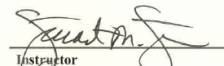
hosted by

Georgia Department of Transportation

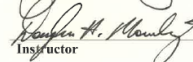
Date: October 25-26, 2011

Hours of Instruction: 12 hours

Location: Atlanta, GA



Instructor



Instructor



Local Coordinator

Richard Barnaby, Director
National Highway Institute



NATIONAL HIGHWAY INSTITUTE
Finding Solutions for Transportation Excellence

INSTITUTE FOR WETLAND & ENVIRONMENTAL
EDUCATION & RESEARCH, INC.

CERTIFICATE OF TRAINING

This certifies that

JASON MORRELL

has completed wetland delineation training in the use of the

CORPS WETLAND DELINEATION MANUAL

Note: This training has been based in part on the U.S. Army Corps of Engineers Wetlands Manual, Technical Report Y-87-1 (1987 Manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.


Barbara J. Tiner, President

September 2002
Date

P.O. Box 288, Leverett, MA 01054 (413) 548-8866 www.wetlanded.com

Apalachicola, Chattahoochee, and Flint River Basins

Certificate of Completion

AWARDED TO

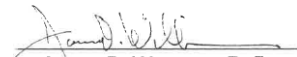
Jason Morrell

FOR SUCCESSFULLY COMPLETING THE

ACF FRESHWATER MUSSEL WORKSHOP

TOPICS INCLUDED: MUSSEL EVOLUTION, TAXONOMY, BIOLOGY, ECOLOGY, TERMINOLOGY, SHELL IDENTIFICATION, ISSUES AFFECTING MUSSEL POPULATIONS, CURRENT RESEARCH, PROPOSED FEDERAL AND STATE LISTINGS, MOLECULAR, GENETIC AND PROPAGATION TECHNIQUES, SURVEY METHODS, AS WELL AS RECOVERY EFFORTS. THE COURSE INSTRUCTION INCLUDED LECTURE, HANDS-ON CLASSROOM AND FIELD IDENTIFICATION OF FRESHWATER MUSSELS OF THE ACF.

Newton, Georgia
August 6-9, 2012


JAMES D. WILLIAMS PH.D.
MALACOLOGIST



Watershed Hydrology Consultants LLC
Assessing and Advancing Watershed Management

Certificate of Training

This certifies that

Jason Morrell

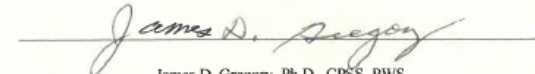
has successfully completed the

**Training Course on the Identification
of Intermittent and Perennial Streams**

May 21-23, 2012
Atlanta, Georgia

Classroom instruction and field instruction and practice were provided on: (1) The science of stream networks; hydrologic functions of streams and riparian zones; stream maps; and the geomorphologic, hydrologic, and biologic characteristics of headwaters streams; and (2) North Carolina Division of Water Quality, *Methodology for Identification of Intermittent and Perennial Streams and Their Origins*, Version 4.11, 2010.

Instruction provided by: Watershed Hydrology Consultants LLC, 1114 Upper Reach Drive, Wilmington, NC 28409; James D. Gregory; Principal/Senior Scientist and Lead Instructor


James D. Gregory, Ph.D., CPSS, PWS
Course Director

Certificate of Completion

presented to

Jason Morrell

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor

Certificate of Completion

presented to

Jason Morrell

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor

Certificate of Completion

presented to

Jason Morrell

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 30, 2022
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



THIS IS TO CERTIFY THAT

Akhilendra S Chauhan

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE
IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND
RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional (PMP)[®]

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

Jennifer Sharp | Chair, Board of Directors



Pierre Le Manh | President & CEO

PMP[®] Number: 1444676

PMP[®] Original Grant Date: 16 August 2011

PMP[®] Expiration Date: 16 August 2026



Transportation Professional Certification Board Inc.

certifies that

Akhilendra Singh Chauhan

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

PROFESSIONAL TRANSPORTATION PLANNER

*Unless withdrawn by the Certification Board, this certificate number 246
issued in Washington, D.C. is subject to the provisions for renewal
December 1, 2009*

Chair



Executive Director

Certificate of Completion

presented to

Akhil Chauhan

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 4

Poly Colina
Authorized Instructor

John Holt
Authorized Instructor

Robert P. ...
Authorized instructor



Transportation Professional Certification Board Inc.

certifies that

Akhilendra Singh Chauhan

*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 2544
issued in Washington, D.C. is subject to the provisions for renewal
November 24, 2008*

Steven
D. Hofener
Chair



James W. ...
Executive Director

Certificate of Completion

presented to

Akhil Chauhan

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 4

Poly Colina
Authorized Instructor

John Holt
Authorized Instructor

Robert P. ...
Authorized instructor



Certificate of Completion

presented to

Akhil Chauhan

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colina
Authorized Instructor

John Holt
Authorized Instructor

Robert P. ...
Authorized instructor





National Highway Institute



Certificate of Training

Akhil Chauhan

has participated in

**FHWA - NHI Course No. 380071 -
Interactive Highway Safety Design Model (IHSDM)**

hosted by

Louisiana Department of Transportation and Development

Date: May 9-10, 2012

Hours of Instruction: 12

Location: Baton Rouge, LA

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

Instructor



National Highway Institute



Certificate of Training

Akhilendra Chauhan

has participated in

**NHI Course No. 380075 -
New Approaches to Highway Safety Analysis**

hosted by

LA DOTD/LTRC

Date: October 9-11, 2012

Hours of Instruction: 18

Location: Baton Rouge, LA

Instructor

Local Coordinator

Instructor

Richard Barnaby, Director
National Highway Institute



National Highway Institute



Certificate of Training

Akhil Chauhan

has participated in

**FHWA - NHI Course No. 133078
Access Management, Location and Design (3 day)**

hosted by

LA DOTD/LTRC

Date: January 6-8, 2015

Hours of Instruction: 18

Location: Baton Rouge, LA

Instructor

Local Coordinator

Instructor

Valerie Briggs, Director
National Highway Institute



National Highway Institute



Certificate of Training

Akhil Chauhan

has participated in

**NHI Course No. FHWA-NHI-380106
Highway Safety Manual Online Overview**

hosted by

National Highway Institute

Location: Web-Based Course

Hours of Instruction: 12 hours

Date: 7/18/2012

Richard J. Barnaby, Director
National Highway Institute

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Akhil Chauhan

HAS SATISFACTORILY COMPLETED 7 PROFESSIONAL DEVELOPMENT HOURS IN:

Louisiana's Complete Streets Peer Exchange

Maud B. Walsh
Director of Louisiana LTAP Center



January 19-20, 2016
Date

Baton Rouge, Louisiana
Location

Certificate of Attendance

USING STATISTICS IN HIGHWAY SAFETY

PRESENTED BY

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TO CERTIFY THAT

Akhil Chauhan

HAS SATISFACTORILY COMPLETED 6 HOURS OF TRAINING

Helmut Schneider

Dr. Helmut Schneider
Director
Highway Safety Research Group





Jose Rodriguez
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 29-MAR-2024

CEU (If Applicable): 0.75

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



U.S. Department of Transportation
Federal Highway Administration



CERTIFICATE OF TRAINING

Jose Rodriguez

has successfully completed

Overview of Roadside Safety

Date: 10/02/2025

Instructional Hours: 6

Location: Web-based training

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute



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

National Highway Institute



Certificate of Training

Osama A. Shahawy

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by

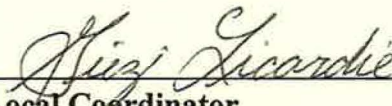
Chicago Transit Authority & HBM Engineering Group, LLC

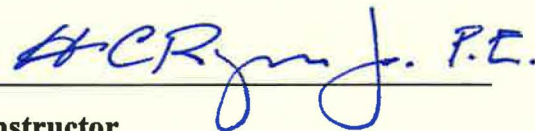
Date: January 05-16, 2015

Hours of Instruction: 67 Hours

Location: Chicago, IL


Instructor


Local Coordinator


Instructor


Valerie Briggs, Director
National Highway Institute

Transportation Professional Certification Board, Inc.

certifies that

Ariel Jacob Deitch

*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 4346 issued in Washington, DC, USA*

11/20/17


Michael K. Park
Chair




Jeffrey F. Paniati
Executive Director

Certificate of Completion

presented to

Ari Deitch

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Poly Colvane
Authorized Instructor

Jim Holt
Authorized Instructor

D. G. Parnell
Authorized instructor



Certificate of Completion

presented to

Ari Deitch

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colvane
Authorized Instructor

Jim Holt
Authorized Instructor

D. G. Parnell
Authorized instructor



Certificate of Completion

presented to

Ari Deitch

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colvane
Authorized Instructor

Jim Holt
Authorized Instructor

D. G. Parnell
Authorized instructor



ATSSA
Safer Roads Save Lives

Ari Deitch
has attended
Louisiana Traffic Control Supervisor

Completed: 22-FEB-2024

CEU (If Applicable): 1.5

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

Certificate of Professional Development Hours
presented to

Ari Deitch

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

ARI DEITCH

has participated in

***FHWA-NHI-133121 Traffic Signal Design
and Operation***

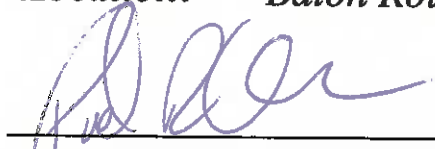
hosted by

LA DOTD/LTRC

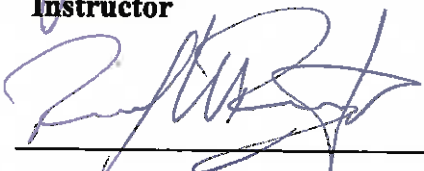
Date: *August 16-17, 2017*

Hours of Instruction: 11

Location: *Baton Rouge, LA*



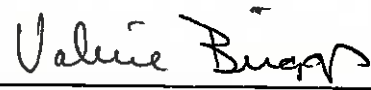
Instructor



Instructor



Local Coordinator



**Valerie Briggs, Director
National Highway Institute**

Transportation Professional Certification Board Inc.

certifies that

Hester Berk Hollier

*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 3928 issued in Washington, D.C., U.S.A.

November 18, 2015

Kim H. W. Stout
Chair



[Signature]
Executive Director



Kester Hollier
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 29-JUL-2023

CEU (If Applicable):

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



U.S. Department of Transportation
Federal Highway Administration



CERTIFICATE OF TRAINING

Kester Hollier

has successfully completed

Overview of Roadside Safety

Date: 09/18/2025

Instructional Hours: 6

Location: Web-based training

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute

Certificate of Completion

presented to

Kester Hollier

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Poly Colvine
Authorized Instructor

Jim Holt
Authorized Instructor

Rob T. Marshall
Authorized instructor



Certificate of Completion

presented to

Kester Hollier

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colvine
Authorized instructor

Jim Holt
Authorized instructor

Rob T. Marshall
Authorized instructor



Certificate of Completion

presented to

Kester Hollier

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colvine
Authorized Instructor

Jim Holt
Authorized instructor

Rob T. Marshall
Authorized instructor



Transportation Professional Certification Board Inc.

certifies that

Justin M. Maderia

*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 3455 issued in Washington, D.C., U.S.A.

July 22, 2013

Timothy D. Harpest
Chair



James W. Harpest
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Justin M. Maderia

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

Professional Transportation Planner

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

Certificate number 604 issued in Washington, DC, U.S.A.

7/19/17

Michael F. Park
Chair



Jeffrey F. Panfili
Executive Director

Certificate of Completion

presented to

Justin Maderia

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Poly Colina
Authorized Instructor

John Holt
Authorized Instructor

Robert P. Marshall
Authorized instructor



Certificate of Completion

presented to

Justin Maderia

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Poly Colina
Authorized Instructor

John Holt
Authorized Instructor

Robert P. Marshall
Authorized instructor



Certificate of Completion

presented to

Justin Maderia

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Poly Colina
Authorized Instructor

John Holt
Authorized Instructor

Robert P. Marshall
Authorized instructor



Wetland Training Institute

This certifies that
Hunter Guidry

*has completed training based in part on the U.S. Army Corps of Engineers
Wetland Delineation Manual Technical Report Y-87-1 (1987 Manual), as
provided for in the training materials developed in conjunction with Section 307(e)
of the Water Resources Development Act of 1990 for the
Wetland Delineator Certification Program*

Given at Covington, Louisiana

On September 15-19, 20 14


Course Coordinator



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute



Certificate of Training

JAN HUGHES

has participated in

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

hosted by

LA DOTD/LTRC

Date: January 9-11, 2024

Hours of Instruction: 18

Location: Baton Rouge, LA

Instructor

Instructor

Allison H. Landry

Local Coordinator

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute



National Highway Institute
Certificate of Training
Jan Grenfell

has participated in

**NHI Course No. 142049 – Beyond Compliance: Historic
 Preservation in Transportation Project Development**

hosted by

LA DOTD/LTRC

Date: January 29-31, 2013

Location: Baton Rouge, LA

Hours of Instruction: 18

Tim N. Klen
 Instructor

Richard Barnaby
 Instructor

Allison H. Landry
 Local Coordinator

Richard Barnaby
 Richard Barnaby, Director
 National Highway Institute



National Highway Institute
Certificate of Training
JAN HUGHES

has participated in

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

hosted by

LA DOTD/LTRC

Date: January 9-11, 2024

Location: Baton Rouge, LA

Hours of Instruction: 18

Richard Barnaby
 Instructor

Kathy Baumgartner
 Instructor

Allison H. Landry
 Local Coordinator

Stacey J. Caston
 Stacey J. Caston, Director
 National Highway Institute

The
Louisiana Department of Transportation and Development
and
U.S. Fish & Wildlife Service

Certify that

JAN GRENFELL

has successfully completed

**Endangered Species Act -
 Section 7 Consultation Process**

ETR No: 4-2536A

Held on July 22, 2004

and has been awarded 5.0 Professional Development Hours

Kenneth C. Perrel
 Kenneth Perrel
 Assistant Secretary Planning and Programming

Vincent Kusso, Jr.
 Vincent Kusso, Jr.
 Environmental Engineer Administrator



National Highway Institute
Certificate of Training
Jan Grenfell

has participated in

Federal-Aid Highways - 101 (State Version)

hosted by

LADOTD / LTRC

Location: Baton Rouge, LA

Date: June 27 - 28, 2005

Hours of instruction: 12

Dan Smart
 Instructor

Morgan Ayala
 Director, National Highway Institute
 Federal Highway Administration

Vincent M. Shultz
 Coordinator

Vincent M. Shultz
 Director, Office of Professional and Corporate Development
 Federal Highway Administration

University of Nevada, Reno
Heritage Resources Management Program

This will verify that

Jan Grenfell

has successfully completed

Introduction to Section 106 Review

New Orleans, Louisiana

July 17-18, 2001

Heath Ferguson
Associate Vice President & Dean,
College of Extended Studies

Lee Vestal
Instructor
Charlene Davis Vaughn

Don Fowler
Program Director



U.S. Department
Of Transportation
Federal Highway
Administration



NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

National Highway Institute
Certificate of Training

Jan Grenfell

has participated in

Fundamentals of Title VI/Environmental Justice

hosted by

LA DOTD/LTRC

Location: Baton Rouge, LA

Hours of instruction: 12

Date: June 14 – 15, 2006

Jo Petersen
Instructor
Morgan Ayala

Director, National Highway Institute
Federal Highway Administration

Sandra Romo
Coordinator
M.H.

Director, Office of Professional and Corporate Development
Federal Highway Administration

The
WETLAND BIOGEOCHEMISTRY INSTITUTE

of

LOUISIANA STATE UNIVERSITY
and Agricultural and Mechanical College

Certifies that

Jan Grenfell

has successfully completed

Wetland Delineation Training Workshop

This training has been based in part on the U.S. Army Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1 (1987 Manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.

May 26, 2000

Granted on

Instructor

B. David Zuchet
Instructor

Debra Paul
Instructor



EnviroCert International, Inc.®

certifies that

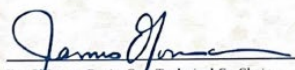
Lina S Khoury

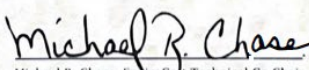
Subscribes to the Code of Ethics and Professional Conduct and has met the requirements established for the CPESC® Program as a

Certified Professional in Erosion and Sediment Control®

CPESC® Number: 9267

Certificate Date: February 20, 2019


Jim O'Fousa, EnviroCert Technical Co-Chair


Michael R. Chase, EnviroCert Technical Co-Chair


Robert Anderson, EnviroCert Board President



The CPESC® Certification was established in 1983



**ASSOCIATION OF STATE
FLOODPLAIN MANAGERS, INC.**

CERTIFICATION BOARD OF REGENTS

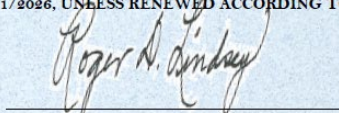
HEREBY CERTIFIES THAT PURSUANT TO THE PROVISIONS OF THE CHARTER FOR THE
CERTIFIED FLOODPLAIN MANAGER PROGRAM

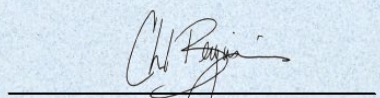
Lina S. Khoury, CFM

IS DULY REGISTERED AS AN

ASFPM CERTIFIED FLOODPLAIN MANAGER

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION
BOARD OF REGENTS, CERTIFICATE NO. US-19-11213, ISSUED 8/2/2019. THIS CERTIFICATE SHALL EXPIRE
1/31/2026, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.


CERTIFICATION BOARD OF REGENTS
PRESIDENT, ROGER LINDSEY, P.E., CFM


ASSOCIATION OF STATE FLOODPLAIN MANAGERS
EXECUTIVE DIRECTOR, CHAD M. BERGINNIS, CFM





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Catherine Bruns

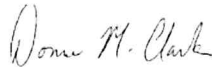
has attended

Louisiana Traffic Control Technician

Training Course

7/11/2023 to 7/11/2027
Training Valid Through

Baton Rouge, LA
Location


Vice President of Education and Technical Services


President, CEO

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



American Traffic Safety Services Association ATSSA.com



John Lindemuth
has attended
Louisiana Traffic Control Supervisor

Completed: 10-JUL-2025

CEU (If Applicable): 1.5

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

University of Nevada, Reno
Heritage Resources Management Program

This will verify that

John Lindemuth

has successfully completed

Introduction to Section 106 Review

Phoenix, Arizona
June 18-19, 2002

Heath Ferguson
Associate Vice President & Dean,
College of Extended Studies

Traci L. Kain
Instructor

Don Fowler
Program Director

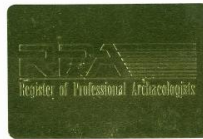
THE
Register of Professional Archaeologists
Certifies that

Bretton M. Somers, M.A., RPA

Has met all professional qualifications
and has been accredited as a

Registered Professional Archaeologist

Charles McLean
President



4/20/2005
Date



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Bretton Somers
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

9/8/2023 to 9/8/2027
Training Valid Through

Baton Rouge, LA
Location

Donna M. Clark
Vice President of Education and Technical Services
Sharon Terrell
President, CEO

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



American Traffic Safety Services Association ATSSA.com

This is to certify that

Bretton Somers, Ph.D.

has completed the
National Preservation Institute seminar

Section 106: An Introduction

Baton Rouge, LA • September 25-27, 2007

James H. Smith
Executive Director, National Preservation Institute

September 27, 2007
date

Wetland Training Institute

This certifies that

Ross Hackbarth

*has completed training based in part on the U.S. Army Corps of Engineers
Wetland Delineation Manual Technical Report Y-87-1 (1987 Manual), as
provided for in the training materials developed in conjunction with Section 307(e)
of the Water Resources Development Act of 1990 for the
Wetland Delineator Certification Program*

Given at Covington, Louisiana

On September 11-15 (40 hours) 20 17


Course Coordinator

Richard Chinn Environmental Training, Inc.

certifies that

Beau C. Rayier

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

September 21 - 24, 2020 in Baton Rouge, Louisiana. Issued Certificate No. 8857 and 3.8 CEUs. This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points.

Richard Chinn, SPWS

Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(c) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.





The American Planning Association's
Professional Institute
**American Institute
of Certified Planners**

Creating Great Communities for All

July 23, 2026

AICP Certification Verification for Daniel Arnold, AICP

Please accept this letter as confirmation that this certified planner is a current member, in good standing, of the American Institute of Certified Planners (AICP), the professional institute of the American Planning Association (APA). The official details of the member's certification are:

AICP Certification Start Date: 06/05/2025

AICP Certification Number: 37117

AICP Certification End Date: 06/30/2027

AICP is the APA's professional institute, providing recognized leadership nationwide in the certification of professional planners, ethics, professional development, planning education, and the standards of planning practice.

AICP certified planners carry a high mark of distinction because they are required to meet rigorous standards, maintain their expertise through continuing education, and serve community interests.

For more information about the requirements to become AICP, please see our website www.planning.org/aicp.

Please let us know if we can offer any additional assistance.

Sincerely,

Renee Kronon-Schertz
Certification Program Manager
AICP@planning.org



The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

James C. Taylor

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

Certified Planner Number: **021110**

July 27, 2006



PRESIDENT



EXECUTIVE DIRECTOR

From: James Taylor
Sent: Wednesday, September 19, 2012 8:42 AM
To: 'Ann Wills' <Ann.Wills@LA.GOV>
Subject: RE: Local Public Agency Training

Thank you!
James

From: Ann Wills [<mailto:Ann.Wills@LA.GOV>]
Sent: Wednesday, September 19, 2012 8:43 AM
To: James Taylor
Subject: RE: Local Public Agency Training

Yes, the pilot will qualify for certification. We will keep a database of the attendees with the date of attendance.

Ann Wills, P.E.
Director of Local Public Assistance (LPA) Programs
225-379-2515 (office)



From: James Taylor [<mailto:james@franklinassoc.net>]
Sent: Tuesday, September 18, 2012 9:19 AM
To: Ann Wills
Subject: FW: Local Public Agency Training

Dear Ms. Wills,
I'm forwarding my request to you since I know you also were one of the course instructors. I've not yet heard a response from Ms. Walsh.

I was among the attendees of DOTD's Local Public Agency (LPA) Pilot Workshop on August 21 at the TTEC auditorium led by Ann Wills and other speakers. Though this one was the "pilot" of the core training, I am writing to confirm that it still qualifies for certification for my firm: Franklin Associates, LLC. How is DOTD tracking attendance at these events and is there some sort of confirmation letter or certificate I should receive?

Thank you,
James



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Name	Type	City	Status
ARCADIS U.S., INC.	Business Corporation (Non-Louisiana)	WILMINGTON	Active

Previous Names

ARCADIS G&M, INC. (Changed: 1/4/2007)

ARCADIS GERAGHTY & MILLER, INC. (Changed: 6/12/2001)

Business: ARCADIS U.S., INC.

Charter Number: 34610353F

Registration Date: 2/5/1998

Domicile Address

222 DELAWARE AVENUE, SUITE 1110
WILMINGTON, DE 19801

Mailing Address

C/O LEGAL DEPT.
110 WEST FAYETTE ST., SUITE 300
SYRACUSE, NY 13202

Principal Business Office

630 PLAZA DR., SUITE 200
HIGHLANDS RANCH, CO 80129

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

6100 CORPORATE BLVD., SUITE 325
BATON ROUGE, LA 70816

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 2/5/1998

Last Report Filed: 2/12/2026

Type: Business Corporation (Non-Louisiana)



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Name	Type	City	Status
GULF SOUTH RESEARCH CORPORATION	Business Corporation	BATON ROUGE	Active

Previous Names

Business: GULF SOUTH RESEARCH CORPORATION
Charter Number: 34151572D
Registration Date: 8/6/1984

Domicile Address

8081 INNOVATION PARK DRIVE
BATON ROUGE, LA 70820

Mailing Address

8081 INNOVATION PARK DRIVE
BATON ROUGE, LA 70820

Principal Office Address

8081 INNOVATION PARK DRIVE
BATON ROUGE, LA 70820

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 8/6/1984
Last Report Filed: 7/7/2026
Type: Business Corporation



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Name	Type	City	Status
FRANKLIN ASSOCIATES, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

FRANKLIN INDUSTRIES, LLC (Changed: 10/5/2011)

Business: FRANKLIN ASSOCIATES, LLC

Charter Number: 36013721K

Registration Date: 9/13/2005

Domicile Address

250 S. FOSTER DRIVE
BATON ROUGE, LA 708064103

Mailing Address

C/O PERRY J. FRANKLIN, SR.
250 S. FOSTER DRIVE
BATON ROUGE, LA 708064103

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 9/13/2005

Last Report Filed: 8/14/2025

Type: Limited Liability Company



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Name	Type	City	Status
THE LAKVOLD GROUP LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: THE LAKVOLD GROUP LLC
Charter Number: 34882713K
Registration Date: 1/24/2000

Domicile Address

4520 JAMESTOWN AVENUE, SUITE 6
BATON ROUGE, LA 70808

Mailing Address

C/O 4520 JAMESTOWN AVENUE, SUITE 6
ANGELA LEMOINE-LAKVOLD
BATON ROUGE, LA 70808

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 1/24/2000
Last Report Filed: 12/26/2025
Type: Limited Liability Company



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Name	Type	City	Status
LOCUS, LLC	Limited Liability Company (Non-Louisiana)	ARNOLD	Active

Previous Names

Business: LOCUS, LLC
Charter Number: 35595664Q
Registration Date: 11/20/2003

Domicile Address

205 RUSHLEY ROAD
ARNOLD, MD 21012

Mailing Address

205 RUSHLEY ROAD
ARNOLD, MD 21012

Principal Business Office

205 RUSHLEY RD.
ARNOLD, MD 21012

Registered Office in Louisiana

935 GRAVIER STREET
SUITE 2020
NEW ORLEANS, LA 70112

Principal Business Establishment in Louisiana

434 E. LOCKWOOD STREET
COVINGTON, LA 704332829

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 11/20/2003
Last Report Filed: 11/7/2025
Type: Limited Liability Company (Non-Louisiana)

N/A

22 SUB-CONSULTANT INFORMATION:

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
GULF SOUTH RESEARCH CORPORATION	8081 Innovation Park Drive Baton Rouge, LA 70820	Suna Adam suna@gsrcorp.com	225 757 8088
FRANKLIN ASSOCIATES, LLC	250 S. Foster Drive Baton Rouge, LA 70806	Perry Franklin perry@franklinassociates.com	225 768 9060
THE LAKVOLD GROUP LLC	4520 Jamestown Avenue, Suite 6, Baton Rouge, LA 70808	Angela Lemoine-Lakvold angie@thelakvoldgroup.com	225 248 9984
LOCUS, LLC	205 Rushley Road Arnold, MD 21012	George Burkley gburkley@locus-mpi.com	443 306 4991

N/A



Arcadis

6100 Corporate Blvd Suite 325
Baton Rouge, LA 70808
T. 225 292 1004
www.arcadis.com



www.arcadis.com



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Arcadis North America



@ARCADIS_US