

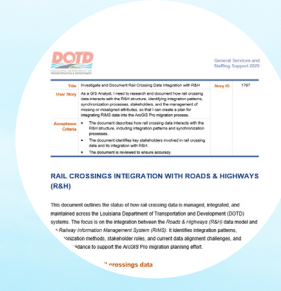
RR Safety: Data & Inventory (2024-2026), Statewide



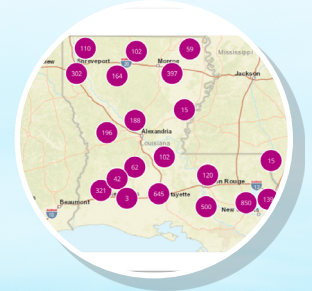
Local, Experienced Field Staff



Railroad Crossing Inventory



Arcadis-led LADOTD GIS and RIMS Integration



FRA Inventory Data Visualization Tool



CONTRACT NO. 4400035239
STATE PROJECT NO. H.015402.1
SUBMITTAL DATE: JUNE 4, 2026

Thursday, June 4, 2026

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

Subject: **Contract No. 4400035239- RR Safety: Data & Inventory (2024-2026), 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 this proposal to support the Louisiana Department of Transportation and Development (LADOTD) in advancing its Railroad Safety Data and Inventory Program. Building on our selection for the Statewide Railroad Safety IDIQ contract, we are **uniquely positioned** to deliver an integrated, data-driven approach that strengthens the efficiency, accuracy, and impact of Louisiana's railroad safety initiatives.

Our proposal reflects a comprehensive methodology that connects statewide inventory management, federal compliance, prioritization modeling, and stakeholder engagement into a single, coordinated program. By aligning data systems and safety initiatives under one team, LADOTD benefits from seamless integration, consistent data standards, and streamlined communication across all partners.

Arcadis brings **proven experience** supporting state DOTs in managing and enhancing railroad crossing inventories, including evaluation and maintenance of thousands of crossings and reconciliation of state and federal datasets. Our team leverages advanced Geographic Information System (GIS) tools, innovative digital platforms, and established quality assurance protocols to ensure that LADOTD's data remains accurate, compliant, and actionable.

Led by Jennifer Berthiaume, GISP as Project Manager and supported by Kester Hollier, PE, PTOE as Deputy Project Manager, our team offers a strong blend of technical expertise, program knowledge, and continuity with LADOTD's ongoing safety initiatives. This leadership structure ensures strategic alignment between engineering, data management, and program delivery, positioning LADOTD for long-term success.

Our approach is grounded in delivering measurable outcomes for LADOTD, including:

- A fully reconciled and federally compliant crossing inventory
- Enhanced prioritization tools to guide safety investments
- Efficient and user-friendly data systems to support decision-making
- Meaningful engagement with railroads, local agencies, and the public
- Reliable, high-quality deliverables supported by robust QA/QC processes

Arcadis is committed to serving as a trusted partner to LADOTD, delivering a modernized, integrated program that advances safety, improves transparency, and maximizes the value of every investment.

We appreciate your consideration and look forward to the opportunity to continue supporting LADOTD in achieving its railroad safety goals. Please feel free to contact us with any questions regarding our proposal.

Sincerely,

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

Akhil Chauhan PE, PTOE, PTP, PMP
Principal Engineer

A handwritten signature in black ink, appearing to read 'Jennifer Berthiaume'.

Jennifer Berthiaume, GISP
Project Manager

SECTIONS

1-11

Our local field inventory team brings proven statewide experience delivering accurate, defensible data collection across a wide range of transportation assets. Adaptable across project types, they are highly skilled in applying advanced data-collection tools, mobile applications, and QA/QC protocols to ensure consistent, high-quality results. Their familiarity with Louisiana conditions, combined with a strong foundation in inventory best practices, positions our team to efficiently collect and deliver the reliable safety data needed to support informed decision-making for rail crossings.



Local Teams.



Statewide Experience.



Quality Data Collection.

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	RR Safety: Data & Inventory (2024-2026) Statewide
2. Contract Number(s) as shown in the advertisement	CONTRACT NO. 4400035239
3. State Project Number(s), if shown in the advertisement	STATE PROJECT NO. H.015402.1 F.A.P. NO. H015402
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	Jennifer Berthiaume, GISP <i>Project Manager</i> P. 972 419 0337 E. jennifer.berthiaume@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 <i>Principal Engineer</i> 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: June 4, 2026

Firm(s):

N/A

SECTIONS 12-14

Arcadis currently supports LADOTD with comprehensive management and QA/QC with its Enterprise GIS (ESRI's Enterprise for ArcGIS) and statewide Linear Referencing System (Roads and Highways), including the Rail Inventory Management System (RIMS). This work includes developing and maintaining API-driven data extraction workflows, aligning and transforming data to LADOTD's enterprise schema, and leveraging FME workbenches to automate data synchronization between systems.



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Title	Investigate and Document Rail Crossing Data Integration with R&H	Story ID	1797
User Story	As a GIS Analyst, I need to research and document how rail crossing data interacts with the R&H structure, identifying integration patterns, synchronization processes, stakeholders, and the management of missing or misaligned attributes, so that I can create a plan for integrating RIMS data into the ArcGIS Pro migration process.		
Acceptance Criteria	- The document describes how rail crossing data interacts with the R&H structure, including integration patterns and synchronization processes. - The document identifies key stakeholders involved in rail crossing data and its integration with R&H. - The document is reviewed to ensure accuracy.		

RAIL CROSSINGS INTEGRATION WITH ROADS & HIGHWAYS (R&H)

This document outlines the status of how rail crossing data is managed, integrated, and maintained across the Louisiana Department of Transportation and Development (LaDOTD) systems. The focus is on the integration between the *Roads & Highways (R&H)* data model and the *Railway Information Management System (RIMS)*. It identifies integration patterns, synchronization methods, stakeholder roles, and current data alignment challenges, and provides guidance to support the ArcGIS Pro migration planning effort.

1. Overview of Rail crossings data

A rail crossing is an at-grade intersection where a roadway and a railway line meet. In Louisiana, the Department of Transportation and Development (LaDOTD) maintains detailed data on rail crossings located along state-maintained highways. Although LaDOTD may not own the crossings themselves, their presence on the state network makes them relevant for operational planning and regulatory compliance. Rail crossing data typically includes unique identifiers, functional classifications, and traffic volumes such as Average Annual Daily Traffic (AADT). This information is important for assessing safety risks, prioritizing infrastructure improvements, and



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General Services and
Staffing Support 2025

fulfilling state and federal reporting obligations aimed at reducing accidents and enhancing mobility.

To support the management and reporting of this data, LaDOTD uses the Rail Information Management System (RIMS). RIMS is a centralized database that organizes and stores rail crossing information as part of Louisiana's broader transportation inventory. It facilitates data updates, supports synchronization with geographic information systems, and ensures consistency for internal planning and federal reporting, particularly to the Federal Railroad Administration (FRA). The integration of rail crossing data into RIMS allows LaDOTD to maintain accurate, up-to-date records and helps ensure that decisions about rail infrastructure are based on reliable information.

2. Stakeholders

The management of rail crossing data at the LaDOTD involves coordination among multiple stakeholders who contribute to data collection, maintenance, validation, and reporting. The key stakeholders involved in the management and operation of the Rail Information Management System (RIMS) include the Louisiana Department of Transportation and Development (LaDOTD) Rail Office, the LaDOTD GIS Group, and external technical consultants. The Rail Office is responsible for overseeing rail crossings located on state-maintained highways and for ensuring the accuracy and completeness of data submitted to federal agencies, particularly the Federal Railroad Administration (FRA). The GIS Group provides support for spatial data integration, schema development, and alignment of the Rail Crossing event layer with Roads and Highways. Technical maintenance and database administration of RIMS are handled by *Taylasolutions*, an external consulting firm, with Richard Cranfill serving as the primary point of contact. Coordination with the consulting team is typically conducted through designated LaDOTD staff, such as Monica Crout and Jason Carr. Additionally, Shaun Luke, a representative of the Rail Office, has played a central role in initiating RIMS-related development efforts, including the implementation of tools such as the Event Editor to support data updates and synchronization between RIMS and internal GIS data.



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Stakeholders		Role
Internal - LaDOTD	Rail Office - Shawn Luke	Oversees rail crossing data on state highways and initiated the integration of this data into RIMS. The office relies on accurate geometry and AADT values and participates in quality control using Event Editor. It initiates updates to the Rail Crossings Event Layer and coordinates with other LaDOTD teams to support state and federal reporting requirements.
	GIS Team	Supports the integration of rail crossing data into LaDOTD systems by managing schema alignment, ensuring spatial accuracy, and transforming data from the RIMS API to meet internal standards. The team also assists in preparing the Rail Crossings Event Layer for quality control and reporting.
External - Consulting	<i>Taylasolutions</i> Richard Cranfill	Supports the management of the RIMS database and implements changes as coordinated through LaDOTD staff. Communication, primarily with Richard Cranfill, is handled indirectly via Jason Carr and Monica Crout.
Federal Level	Federal Highway Administration (FHWA)	Reviews and approves HPMS data submitted by LaDOTD, including traffic and roadway details linked to rail crossings. This approval is required before finalized rail crossing data is submitted back to RIMS.
	Federal Railroad Administration (FRA)	Maintains the national inventory of rail crossings and establishes federal reporting standards. LaDOTD aligns its rail crossing data schema with FRA's requirements to ensure compliance and support national safety reporting.

3. Rail Crossings Event Layer: Workflow, Editing, and Data Sources

The management of rail crossing data begins with the extraction of information from the Rail Information Management System (RIMS) API. This task is performed using a Python script maintained by the GIS team, which automates GET requests to retrieve current records and POST requests to submit updates. The extracted data includes location attributes, Annual Average Daily Traffic (AADT) estimates, and road classification details. The API search interface is: <https://test.taylasolutions.com/crossing/search/> (User/Pass: LA_RIMS_API).

After extraction, the data is transformed to align with LaDOTD's internal schema using a series of FME Workbenches managed by the GIS Group. Three key workbenches support this transformation process:



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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	Each Discipline must total to 100%
Data Collection	40%	100%	100%
Planning	25%	100%	100%
Traffic	20%	100%	100%
Other (Training)	10%	100%	100%
Other (Public Information)	5%	100%	100%
Percent of Contract	100%		

**Traffic Evaluation Discipline involves both Safety and Traffic services.*

13 TEAM SIZE:

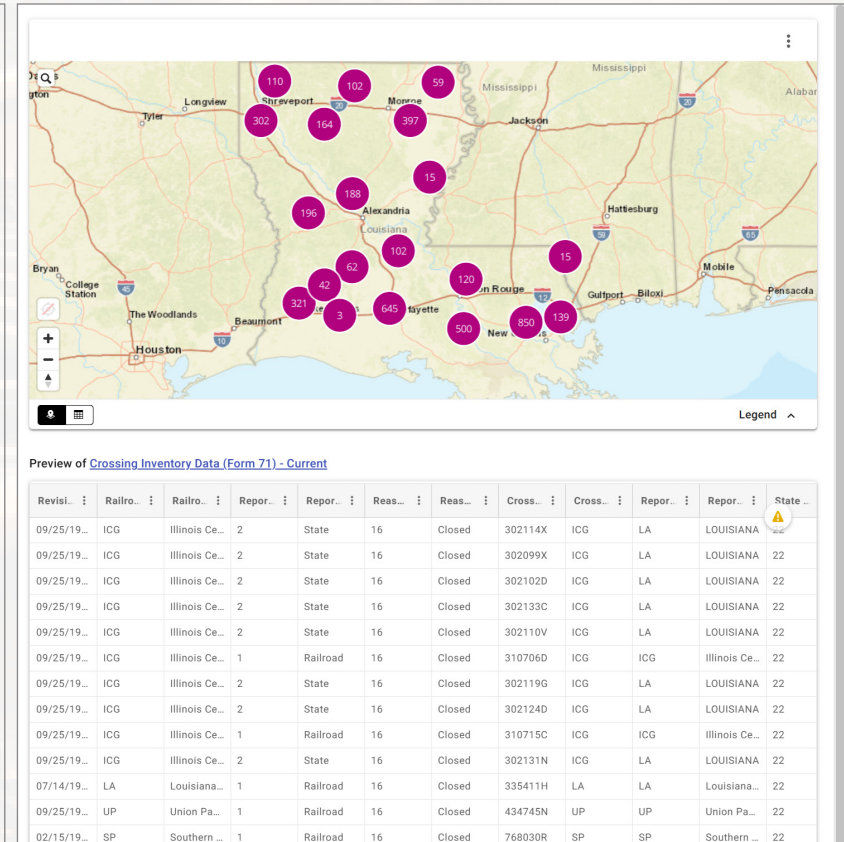
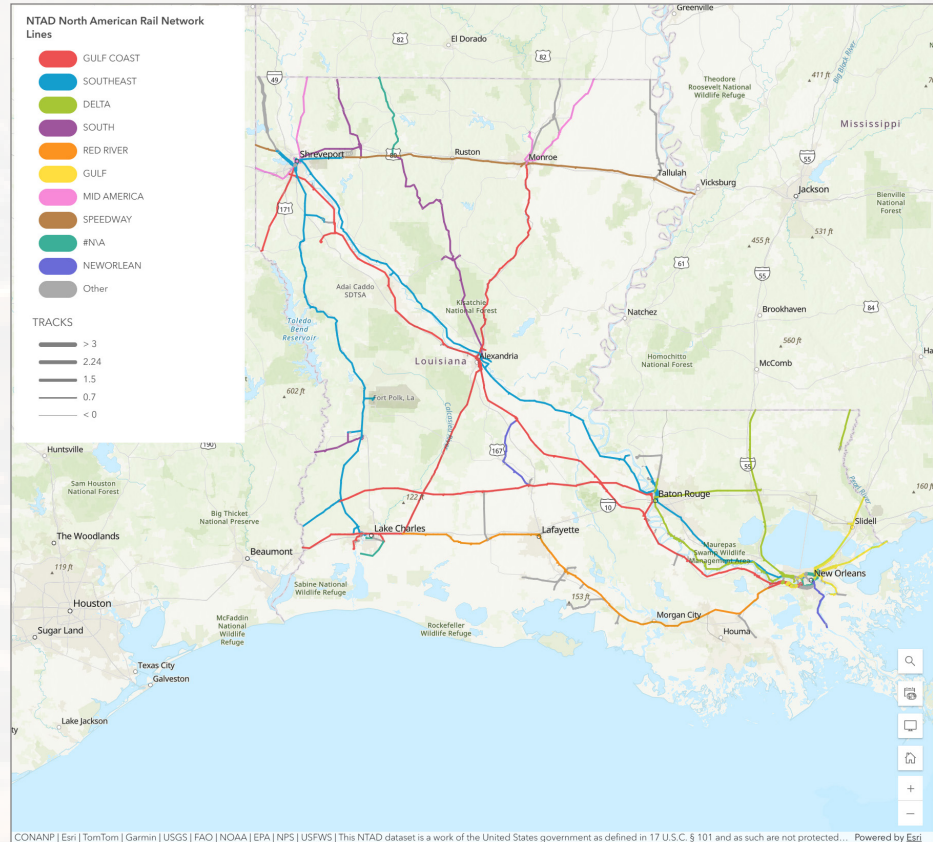
For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link: <https://bit.ly/DOTDJobClassifications>

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)
	Engineer	3	3
	Engineer - Other	1	1
	Engineer Intern	1	1
	Engineering-Aide	2	2
	Principal	3	3
	Professional	2	2
	Senior Technician	1	1
	Supervisor - Eng	2	2
	Supervisor - Other	3	3
	GIS Analyst	3	3
	Technician	1	1
	Computer Analyst	3	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.

SECTIONS 15-16

Arcadis is highly proficient in leveraging readily available US DOT tools, including the FHWA and FRA web applications, to support railroad crossing safety and inventory management. Our team routinely utilizes the FRA Inventory Data Visualization tool and Grade Crossing Inventory System (GCIS) to analyze, update, and reconcile crossing data, ensuring compliance and effective program decision-making for our clients while streamlining coordination with federal reporting requirements.



FRA Inventory Data Visualization Tool

14 ORGANIZATIONAL CHART:



Principal-in-Charge



Akhil Chauhan, PE, PTOE, PTP, PMP

Technical Advisors



Eric Kalivoda, PhD, PE



Jim Tolson, PE

Project Manager



Jennifer Berthiaume, GISP

Deputy Project Manager



Kester Hollier, PE, PTOE

Quality Control/Quality Assurance



Douglas Tilt, PE



David Ward, GISP

Field Operations

Cody Lemoine, PMP
Tony Hendon, PE
Joshua Daigrepoint
Brandon Thomas
Mason Hodges, EI

Data Systems Applications & Architecture

Alison Mynsberg, GISP
Adrien Litton
Devon Elcik
Jared Andre

Highway / Rail Safety

Ari Deitch, PE, PTOE, PTP, RSP
Max Aguirre, PhD, PE, PTOE, RSP
Justin Maderia, PE, PTOE, PTP

Training

David Ward, GISP
Jennifer Berthiaume, GISP

Public Involvement

Cara Vojdani
Shane Blatt

Data Analysis for Prioritization

DoriAnn Clayton, PE
Sean Markey, PE
Mason Hodges, EI
Patrick Jacks

- MPR
- Meeting TEPR Requirement
- Workzone Training

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	Akhil Chauhan, PE, PTOE, PTP, PMP <i>(23 years' experience)</i>	 ARCADIS	PE. 33703 – Civil	LA	09/2026
2	Akhil Chauhan, PE, PTOE, PTP, PMP <i>(23 years' experience)</i>	 ARCADIS	PE. 33703 – Civil	LA	09/2026
	Eric Kalivoda, PhD, PE <i>(>40 years' experience)</i>	 ARCADIS	PE. 24603 – Civil & Environmental	LA	09/2026
	Tony Hendon, PE <i>(19 years' experience)</i>	 ARCADIS	PE. 50783– Civil	LA	03/2028
3	Doug Tilt, PE <i>(>25 years' experience)</i>	 ARCADIS	PE. 33502 – Civil	LA	03/2028
	DoriAnn Clayton, PE <i>(12 years' experience)</i>	 ARCADIS	PE. 49622 – Civil	LA	03/2027
4	Jim Tolson, PE, IMSA II <i>(41 years' experience)</i>	 ARCADIS	PE. 033245 – Civil	GA	12/2026
5	David Ward, GISP <i>(27 years' experience)</i>	 ARCADIS	GISP. 51378	US	04/2027
	Jennifer Berthiaume, GISP <i>(>20 years' experience)</i>	 ARCADIS	GISP. 67339	US	05/2027
	Alison Mynsberge, GISP <i>(17 years' experience)</i>	 ARCADIS	GISP. 91042	US	06/2029

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
5	Adrien Litton <i>(>35 years' experience)</i>	 ARCADIS	N/A	N/A	N/A
	Devon Elcik <i>(8 years' experience)</i>	 ARCADIS	N/A	N/A	N/A
	Jared Andre <i>(>30 years' experience)</i>	 ARCADIS	N/A	N/A	N/A

16 STAFF EXPERIENCE.

Firm employed by: 			Meets MPR No. 5
Name	David Ward, GISP	Years of relevant experience with this employer	23
Title	Senior GIS Project Manager / Analyst	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 1999 / Environmental Studies, Eckerd College	
Active registration number / state / expiration date		Geographic Information Systems Professional (GISP) #51378 / United States / 04/2027	
Year registered	2005	Discipline	Geographic Information Systems (GIS)
Contract role(s) / brief description of responsibilities		Quality Control/Quality Assurance	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Ward is a Senior Project Manager with 27 years of experience specializing in Geographic Information Systems (GIS) , database development and administration, and ArcSDE administration with experience in GIS development, implementation, and integration; database modeling and development; asset and work order management systems integration and development; environmental policy support; transportation system modeling and analysis including analysis of safety data; utilities infrastructure modeling; information management; and enterprise information systems design and development. Mr. Ward's technical experience is in the areas of ArcGIS, ArcGIS Server, ArcSDE, SQL Server, and Oracle.		
02/20 – Ongoing	Highway Performance Monitoring System (HPMS)& Certified Public Miles (CPM) Reporting using Esri Roads and Highways, LADOTD, Baton Rouge, LA. Program Manager. Provided critical data translation and quality assurance/quality control support for the April and June HPMS reports submitted to the Federal Highway Administration (FHWA). Responsible for translating linear referenced event data from one route network to another, validating and cross-checking event data against FHWA HPMS guidelines , and formatting the submittal files appropriately.		
02/20 – 06/24	Enterprise Systems Integration w/ Esri Roads and Highways, LADOTD, Baton Rouge, LA. Program Manager. Provided Agile project management techniques, data analysis , and systems design consulting in support of LADOTD's mission to integrate enterprise business systems with their Roads and Highways Implementation . MS2, Deighton dTIMS, Agile Assets, and the State's crash data systems were integrated with Roads and Highways to facilitate data sharing, data management, and federal reporting (HPMS & CPM).		
04/14 – 08/18	Esri Roads and Highways Linear Referencing System (LRS) Implementation, LADOTD, Baton Rouge, LA. Program Manager. Responsible for the assessment, design, build, and implementation of roads and highways LRS for LADOTD. Performed an initial needs assessment, including the understanding of existing conditions and desires for future functionality, and subsequently developed a plan for implementation. Directed the team's daily efforts using an Agile Project Management system, driven by user stories and acceptance criteria to track task work and perform regular quality control. Developed a customized data model to fit LADOTD'S needs, as well as the implementation of a statewide route network and data migration of events. Led the systems implementation steps using the various tools of Roads and Highways, including ArcGIS Desktop, Workflow Manager, Data Reviewer, and Roadway Characteristics Editor (RCE) web applications.		
02/20 – Ongoing	Staff Augmentation for Section 21/Mapping, LADOTD, Baton Rouge, LA. Program Manager. Manages 25+ remote and embedded team members to operate as an extension of existing LADOTD staff in performing day-to-day activities for the Department. Supports staff in designing, developing, and implementing business system integrations between GIS and the		

	core linear referencing system and internal business units as well as external vendors. Provides support for annual Highway Performance Monitoring Systems (HPMS) and Certified Public Mileage (CPM) report submittal to the Federal Highways Administration (FHWA). Direct team members in developing tools, applications, and web visualizations using SAFE Feature Manipulation Engine (FME) workbenches, Esri Experience Builder and Portal, Python scripting, and other ETL methodologies. Supports the monthly invoice and status report submittals and assists team members in executing agile-based story assignments.
01/11 – 12/11	Arizona Safety Action Plan (ASAP), Arizona Department of Transportation (ADOT), Phoenix, AZ. Senior Systems Analyst. Responsible for the development and analysis of statewide crash information to support the development of a Safety Action Plan for ADOT to minimize the impact of fatalities and serious injuries throughout the state. Conducted detailed historical analysis of crash information to establish trends within the emphasis areas of the SHSP. Performed business process reviews and analysis for ADOT to re-engineer workflows and methodologies to better support the State's mission.
04/17 – 6/22	Enterprise GIS Implementation using Esri Roads and Highways, Nevada Department of Transportation (NDOT), Carson City, NV. Program Manager. Responsible for the assessment, design, and implementation of Roads and Highways linear referencing systems for Nevada Department of Transportation (NDOT). Led efforts for initial discovery and needs assessment that capture current conditions and desires for future functionality and developing a plan for enterprise implementation. Utilized a customized Agile Project Management system to direct team's efforts via user story generation to track task work.
10/18 – 09/20	Enterprise Implementation of Esri Roads and Highways and Road Log Development, Montana Department of Transportation (MDT), Helena, MT. Program Manager. Leveraging the Agile method to led the team through the implementation of an enterprise linear referencing system using Esri Roads and Highways. Developed the database schema and model in Oracle & ArcSDE to support the LRS and directed the efforts for data migration and business process workflow development . Responsible for the overall program including the development of a Statewide Road Log (Straight-Line Diagram Reporting).
09/16 – 01/20	AASHTOware SafetyAnalyst Implementation and Integration, Arizona Department of Transportation (ADOT), Phoenix, AZ. Project Manager. Responsible for integrating SafetyAnalyst with ADOT's Enterprise GIS to leverage temporality and changes over time to the road segments and other data values. SafetyAnalyst is also integrating the Safety Data Mart (SDM) and other enterprise databases for the required data values for SA analysis modules. Used an Agile approach to develop and integrate systems to support statewide crash and safety analysis .
01/17 – 12/17	Deighton dTIMS Pavement and Bridge Management Integration with Esri Roads and Highways, Indiana Department of Transportation (InDOT), Indianapolis, IN. Project Manager. Responsible for a feasibility study and implementation plan to integrate the Deighton dTIMS pavement and bridge management programs with InDOT's existing Roads and Highways LRS. Provided background and training to Deighton personnel to understand the touchpoints between Roads and Highways and dTIMS through ArcGIS Server REST API endpoints and the enterprise database. Performed systems development and architecture design to support the development of the next generation of dTIMS software.
01/16 – 09/16	HPMS & CPM Reporting using Esri Roads and Highways LRS, Arizona Department of Transportation (ADOT), Phoenix, AZ. Project Manager. Responsible for the Highway Performance Monitoring System (HPMS) and Certified Public Miles (CPM) federal reporting requirements for ADOT FY2015 & FY2016. Oversaw the development and evaluation of sample panel sufficiency, as well as the workflow established to help team members efficiently extract roadway characteristic information from construction plans. Kept the team on track with federal deadlines and validated the use of external business system datasets, such as traffic and pavement management, were fully integrated with Roads & Highways.

Firm employed by: 			Meets MPR No. 5
Name	Jennifer Berthiaume, GISP	Years of relevant experience with this employer	17
Title	Project Manager	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	BS / 2003 / Geography, University of Nebraska – Kearney		
Active registration number / state / expiration date	Geographic Information Systems Professional (GISP) #67339 / USA / Exp. 05/2027		
Year registered	2013	Discipline	Geographic Information Systems (GIS)
Contract role(s) / brief description of responsibilities	Project Manager / Data Systems Applications and Architecture / Training		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Ms. Berthiaume is a Project Manager with over 20 years of experience delivering Geographic Information Systems (GIS) solutions for state Departments of Transportation (DOTs). She leads multidisciplinary teams supporting Linear Referencing System (LRS) implementations, data integrations, and enterprise system modernization. She has expertise in geodatabase design, data conflation, asset management systems, and quality assurance and quality control (QA/QC) processes. Jennifer supports enterprise workflows across SQL Server and Oracle environments and develops web-based applications using ArcGIS Enterprise platforms. She applies agile project management practices to coordinate delivery, track performance, and manage team workload. She supports her clients with safety analysis, data governance, and federal reporting requirements, including Highway Performance Monitoring System (HPMS) and Certified Public Mileage (CPM).		
	08/25 – Ongoing	Highway Safety Improvement Program (HSIP) Task Order 3: Crash Data Enhancements, Nevada Department of Transportation (NDOT), Carson City, NV. Project Manager. Leads efforts supporting Traffic Safety Engineering (TSE) data analysis team to restore functionality of third-party Crash Locator web application. Directs identification and resolution of system issues and supports validation of crash geocoding workflows using alias and alternate street names. Develops automation pipelines to improve crash location validation and supports management of crash data lifecycle for safety analysis as well as state and federal reporting requirements. Supports management and maintenance of authoritative crash data within the enterprise database. Provides support to TSE to make five-year crash data and analytics available to internal and external stakeholders, including metropolitan planning organizations (MPOs) and the public.	
	02/20 – Ongoing	General Staff Augmentation for Section 21/Mapping, LADOTD, Baton Rouge, LA. Daily Operations Manager. Manages a team of more than 25 remote and embedded staff operating as an extension of Department personnel to support daily operations. Leads development and implementation of business system integrations between Geographic Information Systems (GIS) and the Linear Referencing System (LRS) across internal and external stakeholders. Supports annual federal reporting requirements related to Highway Performance Monitoring System (HPMS) and Certified Public Mileage (CPM). Directs development of data tools, applications, and web-based visualizations using Feature Manipulation Engine (FME), ArcGIS Experience Builder, ArcGIS Portal, and Python-based Extract, Transform, Load (ETL) workflows. Oversees program delivery, including invoicing, status reporting, and Agile-based task management.	
	07/24 – Ongoing	Rail Inventory Management System (RIMS) Integration with Roads and Highway, LADOTD, Baton Rouge, LA. Project Manager. Directs technical team development of Feature Manipulation Engine (FME) workflows to extract rail crossing data from the Rail Inventory Management System (RIMS) database via an application programming interface (API) and integrate into enterprise systems. Works with stakeholders to improve data accessibility and understand requirements for	

	data analytics. Develops QA/QC workflows to monitor and track incoming data to the enterprise. Directs data processing workflows to append and manage authoritative rail crossing datasets . Improves data availability and quality to support advanced analytics, reporting, and railroad asset management .
09/24 – 04/26	Guardrail Asset Management, LADOTD, Baton Rouge, LA. Daily Operations Manager. Oversees development of web and field applications supporting guardrail data collection and management. Directs development of post-processing scripts to transform field data and align with enterprise data schemas , improving data accuracy and consistency. Supports development of ArcGIS Experience Builder applications to visualize and analyze processed data , enhancing workflows for data collection, reporting, and safety analysis .
07/19 – 03/24	Enterprise Systems Integration with Roads and Highways, LADOTD, Baton Rouge, LA. Daily Operations Manager. Supports integration of enterprise business systems with Roads and Highways platform , including AgileAssets, MS2, and pavement data systems. Coordinates technical integration using Linear Referencing System (LRS) network exports and provides Geographic Information Systems (GIS) support for asset management and traffic data integrations . Supports integration of pavement data collection and analysis into the enterprise GIS to improve data sharing and reporting via the annual Highway Performance Monitoring System (HPMS) cycle.
01/25 – Ongoing	Migration from TransInfo to Roads and Highways, Oregon Department of Transportation (ODOT), Salem, OR. Assistant Project Manager and Change Management Lead. Supports transition from Bentley TransInfo Linear Referencing System (LRS) to Esri Roads and Highways platform for Geographic Information Systems (GIS) and Road Inventory and Classification (RICS) units. Develops organizational change management documentation and communication strategies to support system transition across the agency. Supports technical team across tasks involving database design, schema development, workflow documentation, and identification of reporting requirements .
01/23 – Ongoing	Multi-Application Geographic Information Center (MAGIC), Nevada Department of Transportation (NDOT), Carson City, NV. Daily Operations Manager. Manages Agile-based delivery across a team of more than 30 staff using Microsoft DevOps to establish epics, features, stories, and tasks within two-week sprint cycles. Leads requirements gathering through client interviews across NDOT business units to define current conditions, target state, and prioritized use cases. Supports development and deployment of enterprise solutions , including applications such as Road Data Viewer, Functional Class tools, Pavement Query Engine, and Traffic Records Information Access (TRINA 2.0).
08/25 – Ongoing	Highway Safety Improvement Program (HSIP) Task Order 2: Context Classification Guide, Nevada Department of Transportation (NDOT), Carson City, NV. Project Manager. Leads development of statewide context classification guide supporting Traffic Safety Engineering. Directs evaluation of best practices across peer state programs to inform data model development. Supports data collection, standardization, and development of automated and scenario-based analytical models to advance transportation safety and planning analysis. Leads development of requirements and specifications for wireframing and building web-based applications in ArcGIS Experience Builder and Event Editor to manage context classification datasets and scenarios.
11/23 – 05/25	Highway Safety Improvement Program (HSIP) Task Order 1: Investigating and Analyzing Safety Data Protocols, Nevada Department of Transportation (NDOT), Carson City, NV. Project Manager. Leads safety data analysis and development of workflows supporting Traffic Safety Engineering operations. Directs development of automated processes using Python to integrate crash data from multiple sources and improve reporting.

Firm employed by:



Name	Kester Hollier, PE, PTOE	Years of relevant experience with this employer	5
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 Engineering
Contract role(s) / brief description of responsibilities	Deputy Project Manager		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Hollier possesses a wide breadth 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.		
	02/18 – Ongoing	On-Call Professional Services Class III (Short Line) Railroad Crossing Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Traffic Engineer. Responsible for <i>reviewing plans for at-grade railroad crossings corridor studies</i> for multiple task orders across the state. Responsible for <i>QA/QC review of safety analysis and proposed recommendations</i>, as well as plan development. Arcadis has supported the GDOT Railroad Safety Program focused on Federal Section 130 funding since 2014. Arcadis was awarded a consecutive contract focused on Class III (Short Line) Railroads in the State in 2018 and again in 2022. The contracts follow <i>FHWA Railway-Highway Crossings (Section 130) Program</i> to perform safety analysis and recommend improvements for <i>public at-grade railroad crossings</i> throughout Georgia.	
	07/21 – 07/22	Safety Studies IDIQ – 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 <i>traffic and safety analysis tasks for existing, no-build, and build conditions</i>. Analysis was performed using HCS. Purpose of the study was the <i>develop and evaluate feasible alternatives that would address operational and safety needs</i> along the corridor.	
	11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Project Manager. Responsible for traffic engineering tasks including <i>development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation management plans</i> for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive <i>historical crash and safety analysis</i> 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.	

11/17 – 07/20	Stage 0 Feasibility Study - LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA. <i>Project Manager / Traffic Engineer.</i> 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 analysis , and performing existing traffic analysis and future traffic analysis for proposed final alternative . The traffic study was prepared to follow LADOTD's Traffic Engineering Process and Report Guidelines. The project also included a standalone pedestrian study along the corridor at designated intersections and the design of accessible pedestrian signals at signalized intersections.
09/12 – 02/16	Feasibility Study and Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA. <i>Traffic Engineer.</i> 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 that will be 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 the roadway portion and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the constructability review.
06/13 – 04/14	Stage 0 Feasibility Study – US 190 Roundabout and Ped Improvements, LADOTD, St. Tammany, LA. <i>Traffic Engineer.</i> 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 .
12/17 – 11/19	Stage 0 Feasibility Study - Causeway Boulevard Widening, LADOTD, Jefferson Parish, LA. <i>Project Manager / Traffic Engineer.</i> 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.
05/14 – 08/20	Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. <i>Traffic/Civil Engineer.</i> 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.

Firm employed by.



Meets MPR No. 3

Name	Douglas Tilt, PE	Years of relevant experience with this employer	24
Title	Principal Transportation Engineer	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	BS / 1996 / Civil Engineering, Georgia Institute of Technology - Main Campus		
Active registration number / state / expiration date	PE. 33502 / LA / Exp. 03/31/2028		
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Quality Control / Quality Assurance		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Tilt is the National Practice Lead for Safety, Traffic Engineering, ITS, GIS, and Database Management services for Arcadis US and has more than 28 years of experience in ITS planning, design, and integration, traffic engineering, transportation planning, and transportation design. He has managed and designed numerous projects throughout the southeastern United States and globally, including safety analysis, design, traffic signal projects, intersection improvement projects, traffic and corridor studies, and roadway concept development.		
	02/18 – Ongoing	On-Call Professional Services Class III (Short Line) Railroad Crossing Safety Program, GDOT, Statewide, GA. Technical Advisor. Supports Arcadis' consecutive contracts related to the GDOT Railroad Safety Program focused on Federal Section 130 funding since 2014. The contract has focused on Class III (Short Line) Railroads in the State in 2018 and again in 2022. The contracts follow FHWA Railway-Highway Crossings (Section 130) Program to perform safety analysis and recommend improvements for public at-grade railroad crossings across the state. Arcadis has continued to perform site evaluations at over 2000 crossings statewide with independent at-grade rail crossing safety audits utilizing crash data, roadway traffic volumes, train volumes, and highway road/rail characteristics (sight distance, profile grades, grade crossing advance warning, and roadway/crossing pavement conditions).	
	02/14 – 02/18	On-Call Professional Services Railroad Crossing Safety Program GDOT, Statewide, GA. Technical Advisor. Responsible for improvements to multiple at-grade railroad crossings throughout Georgia, prioritizing site locations based on safety analysis and stakeholder input . Coordinated with local municipalities, railroad authorities, and the GDOT Office of Utilities to gather necessary data, address community concerns, and communicate project progress. Project included conducting comprehensive safety assessments and developing recommendations for improvements at over 900 crossings statewide. Utilized expert knowledge of federal and GDOT software databases, including the FRA GIS Web Application, FRA 5.02 Crossing Inventory and Accident Reports, GDOT Railroad Management System (RRMS), and FRA Grade Crossing Inventory System (GCIS) . Prepared detailed reports for each crossing, documenting existing conditions, environmental evaluations, and proposed enhancements for both state and federal agencies, and delivered regular updates to GDOT and FRA. Developed signing and marking plans for four major corridor studies, covering more than 250 crossings as part of the master contract.	
	02/14 – Ongoing	On-Call Professional Services Statewide Safety Improvement Program, GDOT, Statewide, GA. Technical Advisor and initial Project Manager. Responsible for delivery and oversight for 43 task orders over four years. Participated in the scoping review and cost estimate preparation/negotiations for services, including Program Support, Traffic Engineering (TE) studies, RSAs, Menu of Services Design (MOSD), and 32 task orders combining concept, preliminary design, and final design through GDOT	

	Plan Development Process (PDP). Led the Arcadis team in coordination with Office of Traffic Operations (OTO) and the Districts, crash screenings, Intersection Control Evaluation (ICE), and Traffic Engineering (TE) studies. After project identification and scoping, worked with OTO, Office of Program Delivery (OPD), and design project managers to effectively transition the project to the design phase, then oversaw and tracked project scope to avoid unnecessary changes in the design process and proactively address any risks that came up through design. When design changes were needed, facilitated collaboration with safety engineers and the design team to verify safety elements were not compromised. In addition to project development and delivery, led team in developing guidelines/tools to assist in quality program delivery, including RSA guidelines, All Way Stop Control (AWSC) Guidelines (final draft form), and bringing international experience to integrate turbo elements into the updated Roundabout Design Guide. Understands that even with good planning, sometimes urgent needs arise. As with the urgent request to apply a methodology for Safety System-Based Framework and Analytical Methodology for Assessing Intersections, worked with his resources and OTO to make sure GDOT got what they needed, irrespective of the timeline.
02/17 – 04/23	State Railroad Crossing Safety Improvement On-Call ALDOT, Statewide, AL. Technical Advisor. Advised ALDOT for at-grade railroad crossing diagnostic reviews statewide and developed recommendations for safety improvements per state and federal guidelines. Coordinated field reviews with local and rail owner stakeholders. Supported field analysis, including evaluation of rail crossing advanced warning, site distance, and equipment deficiencies. Prepared and processed agreements with local agencies for maintenance responsibilities and with FHWA for funding agreements.
08/09 – 03/11	Baton Rouge to Lafayette ITS – Traffic Incident Management Phase 2, LADOTD, Multiple Parishes, LA. ITS Design Manager/QC Manager. Provided ITS design, construction, and integration services. Responsibilities included managing, leading, and reviewing design of fiber optic and wireless communication along with 13 CCTV cameras and RVDs, 4 DMSs, and 2 HARs on I-10, I-49, US 90 and US 190 between Baton Rouge and Lafayette. Managed and reviewed monthly project reports, schedule, and budgets. Interacted with the client and other stakeholders on a regular basis for project progress review meetings. Conducted and supervised several field trips to verify design requirements and to meet technical specifications.
06/13 – Ongoing	ITS Maintenance Retainer Contract – Program Management and Maintenance Management System, LADOTD, Statewide, LA. ITS Technical Advisor/QA-QC. Responsible for developing, implementing, and managing ITS maintenance plans, policies, standards, procedures, and guidelines. Responsibilities also include deployment planning, installation, configuration validation, data migration support and ongoing updates to database, training, and annual Maintenance Management System (MMS) software support. Supported Arcadis’ efforts in providing routine and responsive maintenance for the DOTD’s statewide ITS infrastructure totaling more than 500 sites statewide, including: Closed-circuit television (CCTV) cameras, Dynamic Message Signs (DMS), radar vehicle detectors, and ramp meters. The project scope includes program management; maintenance management system software; comprehensive maintenance plan for routine and responsive maintenance; health and safety and traffic control plan development; and tracking and performance measures reporting.

Firm employed by.



Meets MPR No. 4

Name	Jim Tolson, PE, IMSA II	Years of relevant experience with this employer	12
Title	Principal Railroad Signal Timing & Safety Engineer	Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization	BS / 1989 / Civil Engineering / Southern Polytechnic State University		
Active registration number / state / expiration date	PE.033245 / GA / Exp. 12/31/2026		
Year registered	2008	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Technical Advisor		

Experience dates	Experience and qualifications relevant to the proposed contract
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Mr. Tolson brings 40 years of traffic engineering and design experience, with a focus on safety and operational improvements, including Quality Assurance/Quality Control services. He served as the Georgia Department of Transportation (GDOT) Traffic Operations Design Lead for 29 years, overseeing operational improvements, signal, signing/markings, and Intelligent Transportation Systems (ITS) plan development. In his 13 years as a Project Manager at Arcadis, he successfully managed various GDOT/Local Agency On-Call contracts, covering services such as Traffic Safety Design, Railroad Safety, Statewide Signal Software Upgrade, and Signal/ITS Design for Gwinnett County and the City of Sandy Springs.

02/18 – Ongoing

On-Call Professional Services Class III (Short Line) Railroad Crossing Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Program Manager. Manages the current **statewide railroad crossing hazard analysis and plan development** program, leading a team of more than ten people to evaluate safety and propose improvements at more than 2000 crossings along Georgia's Class III (Short Line) rail lines. Project highlights includes following Federal Section 130 Program **performing safety analysis and recommendations for public at-grade railroad crossings improvements; field investigations analysing site distance and approach grades;** evaluating more than 2000 crossings to date, documenting existing assets, including signs, markings, and crossing warning devices; reporting statewide railroad crossing deficiencies and recommending safety improvements and construction projects. The project also includes **performing operational analysis at highway rail crossings utilizing crash data, traffic volumes, and highway road/rail characteristics; leading independent Diagnostic Reviews at selected locations with crash history and conducting independent analysis for closings;** preparing cost estimates and requesting programming for projects included in GDOT Construction Work Program; **coordinating project recommendations and plan development with local stakeholders and railroad owners;** and developing railroad crossing signing/markings plans and Force Account agreements with Rail owners.

02/14 – 02/18

On-Call Professional Services Railroad Crossing Safety Program (All Railroads), Georgia Department of Transportation (GDOT), Statewide, GA. Program Manager. Led the GDOT Statewide Railroad Crossing Hazard Analysis and Plan Development Program following the Federal Section 130 Program to **perform safety analysis and recommend safety improvements for public at grade railroad crossings.** Lead independent Diagnostic Reviews at selected locations with crash history, and conducted independent analysis for closing railroad crossings. **Performed operational analysis at highway rail crossings utilizing crash data, traffic volumes, and highway road and rail characteristics.** Prepared cost estimates and requested programming for projects to be included in GDOT construction work program and developed all construction plans in accordance to GDOT Plan Development Process. Coordinated all project recommendations and plan development with local stakeholders including railroad owner. Lead team in analyzing over 850 crossing sites throughout state of Georgia.

	Sites included <i>crossings along short line Georgia Northeastern Railroad (GNRR), Norfolk Southern Railway Co, Georgia Southern and Florida Railway Co, and CSX Railway.</i>
02/17 – 04/23	State Railroad Crossing Safety Improvement On-Call (All Railroads), Alabama Department of Transportation (ALDOT), Statewide, AL. Program Manager. Managed program to perform <i>at-grade railroad crossing diagnostic reviews</i> throughout Alabama and <i>develop recommendations for safety improvements</i> in accordance with current MUTCD, ALDOT, and Federal Railroad guidelines. Field analysis on the program included <i>evaluation of rail crossing advanced warning, site distance, and equipment deficiencies</i> . Recommendations included installation of active warning devices, upgrading and/or replacing existing traffic control devices, signing and pavement markings. Contract included <i>extensive statewide coordination with local agencies, ALDOT agencies, and Railroad owners</i> . Tasks also included railroad cost estimating and railroad owner agreement preparations and coordination. Prepared and processed agreements with local agencies for maintenance responsibilities and with FHWA for funding agreements.
08/19 – Ongoing	On-Call Traffic Safety Design Services, Georgia Department of Transportation (GDOT), Districts 3 & 6, GA. Program Manager. Responsible for direct delivery and oversight for 43 task orders. Participated in the scoping review and cost estimate preparation/negotiations for services, including Program Support, Traffic Engineering (TE) studies, RSAs, Menu of Services Design (MOSD), and 32 task orders combining concept, preliminary design, and final design through GDOT Plan Development Process (PDP). Led the Arcadis team in coordination with Office of Traffic Operations (OTO) and the Districts to <i>perform crash screenings, Intersection Control Evaluation (ICE), and TE studies</i> . After project identification and scoping, worked with OTO, Office of Program Delivery (OPD), and design project managers to effectively transition the project to the design phase, then oversaw and tracked project scope to avoid unnecessary changes in the design process and proactively address any risks that came up through design. When design changes were needed, <i>facilitated collaboration with safety engineers and the design team to verify safety elements were not compromised</i> . In addition to project development and delivery, led team in developing guidelines/tools to assist in quality program delivery, including RSA guidelines, All Way Stop Control (AWSC) Guidelines (final draft form), and bringing international experience to integrate turbo elements into the updated Roundabout Design Guide. Supported the team in applying a methodology for <i>Safety System-Based Framework and Analytical Methodology for Assessing Intersections</i> .
07/18 – Ongoing	Signal/ITS On-Call Services, Gwinnett County Department of Transportation, Gwinnett County, GA. Program Manager. Managed on-call demand services and design of two unique projects. SR 20 from Ozora Road to Brand Road and Arcado Road/Killian Hill Road from Five Forks Trickum Road to SR 8. Both projects included installation of fiber optic cable, Close Circuit TV cameras, Connected Vehicle Roadside units, signal cabinet upgrades, and communication upgrades. The challenge was <i>evaluating the extensive existing communications infrastructure</i> on surrounding corridors and proposing best-fit options to optimize communication to the management center. Utility coordination and existing infrastructure also resulted in unique wireless communications to reduce utility cost impacts. In addition, both projects were GDOT-funded but let by Gwinnett County. Worked closely with GDOT OPD and County staff to usher projects through the PDP and meet schedule.

Firm employed by.



Meets MPR No. 3

Name	DoriAnn Clayton, PE	Years of relevant experience with this employer	12
Title	Project Transportation Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS / 2013 / Civil Engineering, Auburn University		
Active registration number / state / expiration date	PE. 49622 / LA / Exp. 3/31/2027		
Year registered	2024	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Data Analysis for Prioritization		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mrs. Clayton is a Certified Project Manager Consultant with extensive experience supporting statewide railroad crossing inventory and safety data programs. She has directed the evaluation and enhancement of data for over 2,000 public highway-rail crossings, building strong partnerships with railroads and public agencies to streamline communications and maintain accurate, compliant inventories. Her technical expertise includes field data verification, inventory reconciliation, and the preparation of Highway-Rail Engineering Analysis Reports, ensuring state and federal regulatory standards are met. DoriAnn has significant experience with digital inventory systems, overseeing the systematic update of crossing attributes such as warning device type, crossing status, geometry, and traffic volumes. She has coordinated the correction of discrepancies between state and FRA records, identified and resolved inventory errors, and supported improvements in data quality that directly inform project prioritization and funding eligibility. With a robust background in transportation and traffic engineering, DoriAnn leads multidisciplinary teams, manages quality assurance reviews, project delivery and continued program effectiveness. Her qualifications enable her to provide LADOTD with reliable data management, regulatory compliance, and collaborative stakeholder engagement for the success of the Data & Inventory Statewide contract.		
	02/18 – Ongoing On-Call Professional Services Class III Railroad Crossing Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Deputy Project Manager. Responsible for coordinating at-grade railroad crossings corridor studies, leading crossing Diagnostic Reviews, and delivering let plans for crossing safety improvements, as well as identifying, prioritizing, and fulfilling agency executed or Force Account projects with short line railroads. The contract focuses on expanding federal funds for smaller stakeholders; over \$8.5 million of reimbursement to railroad agencies has been allotted for highway-rail safety improvements at short line crossings. Demonstrates expert proficiency in federal software databases, including the FRA GIS Web Application Crossing Inventory and Accident Reports-FRA Grade Crossing Inventory System (GCIS), FRA Highway-Rail Grade Crossing Accident Prediction System (GXAPS) and analysis tools available on the Department of Transportation website. Oversees coordination with GDOT Office of Utilities, providing regular project progress updates and managing requirements for on-site visits and prioritization of federal fund allocations for safety improvements. Leads comprehensive data collection efforts, including traffic counts, crash records, and field measurements, to inform safety evaluations and proposed improvements for over 1,200 railroad crossings across Georgia. Manages collaboration with local municipalities and railroad authorities, facilitating public involvement meetings to foster stakeholder engagement and address community concerns. Directs federal reporting activities by preparing and submitting documentation, including existing conditions, crossing closure analyses, and recommendations for safety improvement to state and FRA agencies. Delivers ongoing updates and comprehensive corridor study reports and verifies federal compliance via the GCIS. Supervises preparation of signing and marking plans for 14 corridor studies, encompassing more than 1,000 crossings, and develops detailed construction cost estimates to support effective resource allocation and project planning.		

02/14 – 02/18	On-Call Professional Services Railroad Crossing Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Traffic Engineer. Led corridor studies for multiple at-grade railroad crossings throughout Georgia, <i>prioritizing site locations based on safety analysis and stakeholder input</i> . Coordinated with local municipalities, railroad authorities, and the GDOT Office of Utilities to <i>gather necessary data, address community concerns, and communicate project progress</i> . Responsibilities included conducting comprehensive safety assessments and developing recommendations for improvements at over 900 crossings statewide. Utilized expert knowledge of federal and GDOT software databases, including the FRA GIS Web Application, FRA 5.02 Crossing Inventory and Accident Reports, GDOT Railroad Management System (RRMS), and FRA Grade Crossing Inventory System (GCIS). Prepared detailed reports for each crossing, <i>documenting existing conditions</i> , environmental evaluations, and proposed enhancements for both state and federal agencies, and delivered regular updates to GDOT and FRA. Developed signing and marking plans for four major corridor studies, covering more than 250 crossings as part of the master contract.
11/24 – Ongoing	On-Call Professional Services for Intersection Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Project Manager. Manages efforts for a hybrid roundabout design of SR 6 BU at Macland Road. Leads the design and evaluation of a multi-lane roundabout at a high-crash intersection identified under the Safety Design Services contract. Crash analysis identified key safety issues, such as following too closely, failure to yield, and red light running. Oversees all aspects of project management to secure successful delivery, including <i>coordination with clients, local agencies, and public safety officials</i> to align project goals and address community concerns. Directs a thorough review of crash records to accurately identify safety deficiencies and guide the selection of targeted countermeasures. Manages the comparison of intersection traffic control options, <i>providing evidence-based recommendations for the preferred solution</i> . Supervises project timelines, resource allocation, and milestone tracking to maintain efficient progress, while implementing rigorous review processes to <i>verify all analyses, designs, and recommendations to adhere to regulatory and client standards</i> . Through DoriAnn's leadership and commitment to structured project management, the team delivers an optimized roundabout design that effectively addresses crash risks, enhances intersection safety, and fulfills all contractual requirements.
02/17 – 04/23	State Railroad Crossing Safety Improvement On-Call, Alabama Department of Transportation (ALDOT), Statewide, AL. Traffic Engineer. Responsible for <i>evaluation of 25 high hazard, at-grade railroad crossings</i> throughout the state of Alabama. Responsible for safety analysis and proposed recommendations, <i>contact with locals and railroad personnel</i> , and plan development. Project includes initial evaluation and recommendations of crossing locations; Coordinate formal diagnostic field review with the state personnel, local road authorities, and the railroad representatives. Prepared plans for site location improvements and submit to the state for project assignment. Deliverables include <i>documentation of findings and recommendations at each crossing</i> , scheduling diagnostic reviews, <i>completing maintenance agreements with local authorities</i> , completing project packet for project assignment, and participating in regular meeting updates with the ALDOT project manager.
01/14 – 05/15	Signal Design, City of Sandy Springs, Sandy Springs, GA. Traffic Engineer. Designed improved intersection conditions at four (4) locations within Sandy Springs. Responsibilities included developing signalized intersection designs, implementing lane configuration changes, and enhancing pedestrian accommodations at three of the four intersections. The role involved traffic analysis, preparation of construction plans, and <i>coordination with local agencies</i> to verify all improvements met safety, accessibility, and operational requirements.

Firm employed by.



Meet MPR Nos. 1 & 2

Name	Akhil Chauhan, PE, PTOE, PTP, PMP	Years of relevant experience with this employer	18
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 Engineering
Contract role(s) / brief description of responsibilities	Principal-in-Charge		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Chauhan brings a unique experience of closely working with different LADOTD sections and stakeholders such as Safety, Planning, Data/GIS, Traffic Engineering, ITS, Environmental, Roadway Design, Bridge, and the districts. From planning to design and construction to operations/maintenance, this full cycle interaction at various levels of the Department has given him a comprehensive understanding of needs and requirements on projects and programs, and how different pieces can come together to deliver positive outcomes for LADOTD. With his proactive approach and understanding of issues and challenges, Akhil ensures that his team provides quality deliverables within time and budget. Akhil has successfully led, managed, and mentored numerous projects for public agency clients located across the nation including several state DOTs.		
	04/14 – 08/18	Enterprise LRS Implementation of Esri Roads and Highways, LADOTD, Statewide, Louisiana. Principal-in-Charge (PIC). Served as PIC for the contract where Arcadis conducted a needs assessment, design and implementation of a statewide linear referencing system using Esri Roads and Highways . The work was done over the course of seven task orders where the successful completion of items within Task four directly resulted in the ability for LADOTD to “go-live” with the enterprise Roads and Highways solution.	
	02/20 – Ongoing	Staff Augmentation for Section 21/Mapping, LADOTD, Baton Rouge, Louisiana. Principal-in-Charge. Arcadis and LADOTD have partnered since 2020 to enhance the GIS, digital, and technology capabilities of the Department. Arcadis is providing embedded and remote technical staff that are operating as an extension of existing LADOTD staff capabilities to perform the day-to-day activities for the Department. Our staff are designing, developing and implementing business system integration profiles for various internal systems at LADOTD.	
	09/09 – 03/12	I-20 Garrett Road Connector Interchange Improvements, LADOTD, Ouachita Parish, LA. Principal Engineer. 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.	
	08/19 – Ongoing	Asset Inventory Database Management for ITS Management, Operations, and Maintenance Engineering & Inspection (ME&I) IDIQ Contract, LADOTD, Statewide, LA. Principal Engineer. Scope includes developing, implementing, and managing ITS maintenance plans, policies, standards, procedures, and guidelines. Responsibilities also include deployment planning, installation, configuration validation, data migration support and ongoing update to database, training , and annual Maintenance Management System (MMS) software support.	

04/13 – 10/20	US 11 Railroad Bridge Replacement and Corridor Improvements, LADOTD, St. Tammany Parish, LA. <i>Principal Engineer.</i> Responsible for crash analysis, operating speed tabulations, intersection and corridor analysis, 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.
12/11 – 08/14	Roadway Attributes and Speed Database Management – Speed Study IDIQ, LADOTD, Statewide, LA. <i>Project Manager.</i> Scope includes developing a GIS database of roadway attributes, and results of crash, speed , and queue analyses. Responsibilities include 7-day/24-hour speed data collection and analysis, and creating database using ArcGIS illustrating sections according to classification, lanes, ADT, median barrier, geometric constraints and other roadway attributes.
02/23 – 05/24	Safety Studies IDIQ - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. <i>Principal Engineer & Technical Advisor.</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 seven (7) corridors within Caddo and Bossier Parish. The study methodology was like that of a Road Safety Assessment and included historical crash analysis and on-site field reviews to identify pedestrian safety needs . Benefit-cost analysis was provided to aid in prioritizing the implementation of countermeasures .
04/17 – 07/17	Real-time Traffic Data Systems Engineering Analysis (SEA) and Feasibility Study, LADOTD, Baton Rouge, LA. <i>Principal / Technical Advisor.</i> Provided systems engineering expertise that assisted DOTD transition from legacy roadway sensor infrastructure to traffic probe data service. The systems engineering approach involved comprehensive stakeholder coordination and detailed evaluation of traffic probe data service providers. A SEA document was developed for this project that included a concept of operations that determined how the real-time traffic data was utilized by the department in achieving traffic management goals.
12/13 – 06/15	Safety Studies IDIQ - LA 3235 Safety Improvements, LADOTD, Lafourche Parish, LA. <i>Project Manager and Principal Engineer.</i> 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, development of conceptual layouts, 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.
02/18 – 06/21	Safety Studies IDIQ - Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. <i>Principal Engineer.</i> Responsible for contract management and technical advisory for the project. Arcadis developed screening criteria based on crash data and socioeconomic data to identify high priority locations with a history of pedestrian and/or bicycle crashes, and performed Road Safety Assessments (RSAs) at 10 priority locations to identify safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.
02/15 – 08/17	US 71 Corridor Phase II Traffic and Safety Improvements, LADOTD, Rapides Parish, LA. <i>Principal Engineer.</i> Responsible in the overseeing the preparation of a Stage 0 feasibility study for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Main tasks included traffic data collection, warrant studies, traffic analysis, safety data analysis, and development of conceptual layouts. Arcadis developed alternatives for the replacement of the traffic circle on US 71 using a data driven, tiered analysis approach .

Firm employed by.



Meets MPR No. 2

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			Technical Advisor	
			As a Technical Advisor, 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 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 <i>executive leadership</i> 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 <i>strategic leadership</i> 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 LADOTD.
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 LADOTD 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	Ari Deitch, PE, PTOE, PTP, RSP1		Years of relevant experience with this employer	11
Title	Senior Traffic 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 Engineering	
Contract role(s) / brief description of responsibilities			Highway / Rail Safety	
Experience dates	Experience and qualifications relevant to the proposed contract			
	Mr. Deitch is a Senior Transportation Engineer and Project Manager specializing in traffic engineering studies and 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 corridor studies, transportation management plans, traffic and safety studies, NEPA studies, ped/bike improvements, access management, signal design, and signing/marketing design. Project experience includes assessing the safety and operational features and developing traffic design improvements for railroad crossings and designing traffic signals for preemption. He has experience and proficiency in IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software.			
01/24 – Ongoing	Scenic Highway Corridor Improvements (Harding to Swan), City of Baton Rouge, East Baton Rouge Parish, LA. Senior Traffic Engineer. The purpose of the project is to provide corridor enhancements including signal and railroad crossing safety upgrades and ped/bike accommodations along Scenic Highway. Responsible for the development of signal design plans and timings for three (3) locations, including a HAWK signal and an intersection with complex railroad crossing design . The project required collaboration with Illinois Central Railroad to coordinate railroad crossing design upgrades.			
09/15 – 06/18	US 165 Corridor Improvements, Ouachita Parish, LA. Traffic Engineer. Responsible for performing traffic data collection and engineering tasks for the corridor study to develop superstreet, access management, and safety improvements for the US 165 corridor. The project was divided into three (3) distinct segments for analysis purposes, as different software tools were needed to effectively analyze operational conditions for existing and future years. Arcadis prepared all materials and conducted a public meeting to present concepts to the public and local stakeholders.			
08/14 – 06/15	Safety Studies IDIQ - LA 3235 Corridor Improvements, LADOTD, Lafourche Parish, LA. Traffic Engineer. Responsible for review of existing traffic and crash data and traffic operations analysis , development of safety countermeasures , conceptual drawings, and Stage 0 documentation. The purpose of the project was to develop access management strategies and roadway improvements that will maintain and improve mobility, improve safety , and support existing and future development along the corridor. Safety performance of alternatives was estimated using Highways Safety Manual predictive methods.			
11/22 – 02/24	Airline Highway Corridor Study, LADOTD / City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. Project purpose was to evaluate the operational and safety needs of the Airline Highway Corridor from Florida Blvd to the River. The corridor has several at-grade railroad crossings, which were evaluated with respect to operations and safety . Improvement concept were developed to address any identified operational and safety needs, including those associated with railroad crossings. Project tasks included traffic data collection , traffic analysis, and alternative development.			

02/22 – Ongoing	I-10 Calcasieu River Bridge P3, LADOTD, Calcasieu Parish, LA. Traffic Engineering Design Manager. The purpose of the I-10 Calcasieu Bridge Replacement P3 project is 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. Responsibilities include overseeing the delivery of traffic engineering design and deliverables including IMR, Transportation Management Plan, traffic signal design, signing and marking design, and ITS design. Coordination with CPKC Railroad is also required for signal design and transportation management during construction.
02/17 – 02/18	Safety Studies IDIQ - I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Traffic Engineer. Responsible for data collection and analysis, traffic analysis, and conceptual design drawings. 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.
04/16 – 09/18	Safety Studies IDIQ - New Orleans Pedestrian Safety Feasibility Study, LADOTD, Orleans Parish, LA. Project Manager. 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 lead 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. Traffic Engineer. 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.
10/18 – 03/21	LA 3040 Corridor Improvements, LADOTD, Houma, LA. Senior Traffic Engineer. Study to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Arcadis performed traffic analysis using Highway Capacity Software.
04/21 – 06/22	Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA. Project Manager. Responsible for managing project tasks and deliverables that Arcadis is responsible for and verifying QAQC protocols are performed. Arcadis is performing all crash data analysis tasks for the SHSP update, including a statistical analysis of existing emphasis areas and evaluating potential modifications to emphasis areas.
01/19 – 05/20	Safety Design IDIQ - US 90 Ramps at LA 88 Roundabouts, Iberia Parish, Louisiana. Transportation Engineer. Assisted with permanent signing and striping components of roadway safety design plans for proposed roundabouts.
02/15 – 08/17	US 71 Corridor Phase II Traffic and Safety Study, LADOTD; Rapides Parish, LA. Traffic Engineer. Responsible for providing traffic data collection, warrant studies, traffic analysis, safety data analysis, and development of conceptual layouts. Played a key role in the development of feasible alternatives to replace the existing traffic circle. Responsible for the development of conceptual design drawings and construction cost estimates for proposed alternatives. Assisted with the completion of Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists.

Firm employed by: 			Meets MPR No. 5	
Name	Alison Mynsberge, GISP		Years of relevant experience with this employer	4
Title	GIS Analyst		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization			MS / 2008 / Wildlife & Fisheries Resources, West Virginia University BA / 2003 / Biology and Russian, Grinnell College	
Active registration number / state / expiration date			Geographic Information Systems Professional (GISP) #91042 / United States/ 06/2029	
Year registered	2015	Discipline	Geographic Information Systems (GIS)	
Contract role(s) / brief description of responsibilities			Data Systems Applications and Architecture	
Experience dates		Experience and qualifications relevant to the proposed contract		
		Ms. Mynsberge provides advanced Geographic Information Systems (GIS) programming support for the Louisiana Department of Transportation and Development (LaDOTD) and other state DOTs. She develops and implements Extract, Transform, Load (ETL) processes, web applications, and enterprise data solutions using Python, Feature Manipulation Engine (FME), ArcGIS Pro, and ArcGIS Enterprise platforms. She supports data integration, crash analysis, and asset management systems, including Linear Referencing System (LRS) applications. Alison's development of automated workflows, dashboards, and reporting tools are used by her clients to improve data accuracy, operational efficiency, and accessibility for transportation planning, safety analysis, and federal reporting requirements.		
08/22 – Ongoing		Federal Funds Dashboard, Louisiana Department of Transportation and Development (LADOTD), Baton Rouge, LA. Senior Programming / Scripting Specialist. Develops and enhances the Federal Funds Dashboard using JavaScript, Hypertext Markup Language (HTML), Structured Query Language (SQL), and ArcGIS services to support transportation planning and funding allocation. Supports development of scenario analysis tools to evaluate funding distributions, project scheduling, and cost assumptions across statewide programs. Maintains and updates datasets, including funding sources, contingency rates, and letting schedules, to improve accuracy and enable consistent comparisons across planning scenarios.		
10/22 – Ongoing		Customer Call Center Web Application, LADOTD, Baton Rouge, LA. Senior Developer. Developed hosted application to manage incoming customer service requests related to the state transportation network, with a focus on state-owned and state-maintained roadways. Develops GIS-enabled web map interfaces using VertiGIS and Esri platforms to support location identification, issue tracking, and data capture. Coordinates with Louisiana Office of Technology Services (OTS) to support system design and implementation.		
07/24 – 05/26		Rail Inventory Management System (RIMS) Automation, LADOTD, Baton Rouge, LA. Senior Developer. Supports development of Feature Manipulation Engine (FME) workflows to extract rail crossing data from the Rail Inventory Management System (RIMS) database via application programming interface (API) and integrate into enterprise systems. Develops data processing workflows to organize raw data, support storage in enterprise databases, and enable advanced analytics and reporting for railroad asset management.		
09/24 – 04/26		Guardrail Asset Management Web Mapping Application, LADOTD, Baton Rouge, LA. Senior Developer. Supports development of web and field applications for guardrail data collection and management. Develops post-processing scripts to transform field data and align with enterprise data schemas, improving data accuracy and consistency. Supports		

	development of ArcGIS Experience Builder applications to visualize and analyze processed data , enhancing workflows for data collection, reporting, and safety analysis.
07/23 – Ongoing	Highway Class Automation, LADOTD, Baton Rouge, LA. Geographic Information Systems (GIS) Programmer. Develops Python toolboxes and scripts in ArcGIS Pro to automate generation of Highway Class datasets supporting crash analysis and location referencing in the eCrash system. Directs development of repeatable workflows and documentation to replace manual processes and improve efficiency. Supports ongoing enhancements to automation processes to enable consistent, on-demand dataset generation for statewide safety analysis .
07/22 – Ongoing	Intersection Points and Legs Automation, LADOTD, Baton Rouge, LA. GIS Programmer and Analyst. Develops automated geoprocessing models to generate statewide intersection and leg datasets using Roads and Highways Linear Referencing System (LRS) and safety program inputs, including Model Inventory of Roadway Elements (MIRE) requirements. Supports development of approximately 250,000 intersection points with associated attributes used for crash analysis, intersection screening, and asset management . Implements data validation and quality assurance workflows and utilizes Python, pandas, and code management tools to improve efficiency and ensure consistent statewide outputs.
07/22 – Ongoing	Highway Needs Report Automation, LADOTD, Baton Rouge, LA. GIS Programmer. Develops and maintains Python-based tools to automate calculation of roadway improvement needs and cost estimates for planning and federal reporting. Leads modernization of legacy Visual Basic scripts into Python-based workflows and supports development of complex calculations aligned with current Highway Design Manual standards. Improves automation processes and documentation supporting integration of over 40 GIS datasets to generate final reporting outputs.
09/21 – Ongoing	Emergency Operations Center Geographic Information Systems (GIS) Developer and Automation Support, LADOTD, Baton Rouge, LA. GIS Developer. Supports development and maintenance of dashboards and data systems for emergency response operations. Develops and enhances applications supporting 511 and road closure systems to improve real-time monitoring and communication for agency staff and the public.
09/21 – Ongoing	General Staff Augmentation for Section 21 GIS/Mapping, LADOTD, Baton Rouge, LA. GIS Programmer. Supports development and maintenance of Extract, Transform, Load (ETL) workflows using Python arcpy and Feature Manipulation Engine (FME) . Contributes to Agile development processes, including backlog refinement and requirements definition, and supports application modernization and automation initiatives for enterprise data systems.
01/23 – Ongoing	Multi-Application Geographic Information Center (MAGIC), Nevada Department of Transportation (NDOT), Carson City, NV. Developer Team Lead. Manages development and lifecycle of enterprise applications from planning through deployment and maintenance. Develops ArcGIS Experience Builder applications using configured and custom widgets with Linear Referencing System (LRS), reporting, and search functionality. Utilizes Azure DevOps for project management, testing, and deployment pipeline configuration. Supports development of applications and data workflows using Power BI, Feature Manipulation Engine (FME), and other tools to support asset management, environmental analysis, and transportation data systems.
05/23 – 08/23	Context Classification Program, Ohio Department of Transportation (ODOT), Columbus, OH. Geographic Information Systems (GIS) Analyst. Supports development of data processing workflows for statewide context classification using Python and Jupyter notebooks. Identifies and integrates publicly available datasets and develops reproducible analytical processes to support transportation planning and reporting.

Firm employed by



Name	Cody Lemoine, PMP	Years of relevant experience with this employer	8
Title	Senior Field Operations Manager	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization	N/A		
Active registration number / state / expiration date	Project Management Professional (PMP) 3771871 / Exp. 07 / 2027 Drone License # 4416213 / United States / no expiration		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Field Operations		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Lemoine has thirteen years of experience including field inspection and data collection in the transportation industry. He is licensed with the Louisiana Board of Contractors as an electrical contractor & low voltage telecommunications. He has experience as Lead Inspector and Senior Inspector on several LADOTD CE&I projects. He has experience with data collection, data management, data verification, and inventory management using the inSIGHT AM software package. He is a licensed FAA Drone Pilot and uses his drone to obtain photo imagery for project site observations.		
06/24 – Ongoing	ITS Maintenance Engineering & Inspection (ME&I) – Program Management and Maintenance Management System Task Orders, LADOTD, Statewide. <i>Field Manager / Project Manager.</i> Performs field inspection and data collection for LADOTD maintenance contract. Responsibilities include observing and documenting all aspects of maintenance. Use inSIGHT AM software for data collection and data management . Regularly maintain, verify, and update the inventory in inSIGHT AM.		
06/24 – Ongoing	ITS Maintenance Engineering & Inspection (ME&I) - Routine Maintenance Task Orders, LADOTD, Statewide, LA. <i>Field Manager / Project Manager.</i> Performs field inspection and data collection for LADOTD maintenance contract. Responsibilities include observing and documenting all aspects of maintenance. Use inSIGHT AM software for data collection and data management . Regularly maintain, verify, and update the inventory in inSIGHT AM.		
06/24 – Ongoing	ITS Maintenance Engineering & Inspection (ME&I) - Responsive Maintenance Task Orders, LADOTD, Statewide, LA. <i>Field Manager / Project Manager.</i> Performs field inspection and data collection for LADOTD maintenance contract. As Project Technician, responsibilities include observing and documenting all aspects of maintenance. Use inSIGHT AM software for data collection and data management . Regularly maintain, verify, and update the inventory in inSIGHT AM.		
02/24 – Ongoing	I-10 WBR Queue Warning System ITS Deployment (CE&I), LADOTD, Iberville and West Baton Rouge Parishes, LA. <i>Sr. Field Inspector.</i> Provides field inspection and data collection for LADOTD construction project. Responsibilities include observing and documenting all aspects of construction.		
08/21 – 09/25	I-10 US 61 to Laplace ITS Deployment (CE&I), LADOTD, Ascension, St. James, and St. John the Baptist Parishes, LA. <i>Sr. Field Inspector.</i> Provided field inspection and data collection for LADOTD construction project. Responsibilities included observing and documenting all aspects of construction.		
10/19 – 10/21	Alexandria ITS Deployment Phase 3 (CE&I), LADOTD, Rapides Parish, LA. <i>Sr. Field Inspector.</i> Provided field inspection and data collection for LADOTD construction project. Responsibilities included observing and documenting all aspects of construction.		

Firm employed by:



Meets MPR No. 2

Name	Tony Hendon, PE	Years of relevant experience with this employer	12
Title	Certified Project Manager	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	BS / 2006 / Biosystems Engineering, Auburn University		
Active registration number / state / expiration date	PE. 50783/ LA / Exp. 03/2028		
Year registered	2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Field Operations		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Hendon is a Project Manager and Engineer with more than 12 years of experience delivering transportation asset management programs for state Departments of Transportation and municipalities. Leads implementation of maintenance and asset management systems, digital programs, and performance-based reporting frameworks. Supports development of maintenance rating programs, asset condition assessments, and enterprise data collection workflows. Coordinates large-scale on-call contracts exceeding \$40 million and supports program oversight for statewide transportation systems. Provides expertise in Pavement Management Systems, Maintenance Management Systems, and Federal Highway Administration (FHWA) reporting requirements. Supports data-driven decision-making processes for asset management, budgeting, and performance reporting. He has collaborated with DOTs to implement their vision of a progressive change in how transportation assets are located, documented, rated, and reported within asset management programs. This experience has included: Leading consultants and DOT employees in development of statewide asset management programs. Leading, developing, and incorporating training workshops, steering committee meetings, and stakeholder engagements providing effective change management with methods and materials to guide clients through the implementation of asset management programs.		
	01/16 – Ongoing	MEI On-Call, District 7 Chamblee / General Office, Georgia Department of Transportation (GDOT), District 7, GA. Project Manager. Manages Maintenance Engineering Inspection (MEI) program supporting District 7 and State Maintenance Office operations. Directs implementation and oversight of Pavement Management System and Maintenance Management System using dTIMS platform, and manages Maintenance Rating Program (MRP) and Maintenance Oversight of Environmental Services (MOES). Oversees delivery of statewide programs including guardrail end terminal improvements, drainage assessment, resurfacing programs, and maintenance tracking systems, including METRICS and striping tracking applications. Managing/Overseeing Staff Augmentation services for: Statewide Resurfacing Program, Statewide Longline Striping Program, Maintenance Rating Program, and the Outdoor Advertising and Landscape Program. Supports data-driven program delivery through mapping, budgeting, inspection verification, and staff augmentation supporting district and statewide operations.	
	01/16 – Ongoing	Level of Service (LOS) Maintenance Rating Program Development, Georgia Department of Transportation (GDOT), Statewide, GA. Project Manager. Leads development and implementation of asset management condition assessment program to define GDOT needs and establish performance targets. Directs stakeholder coordination , including steering committee engagement, to support program rollout. Develops Level of Service (LOS) reporting framework to evaluate and report condition of roadside assets and support district-level maintenance planning. Supports development of needs-	

	based budgeting tools linking maintenance activities to financial requirements and enabling estimation of funding required to achieve target LOS. This program has allowed GDOT to rate and report on current condition of roadside assets. Through LOS reporting and target setting, Districts can create focused yearly maintenance work plans. Likewise, through a needs-based budgeting report that Arcadis created from linking maintenance work activities to financial requirements to perform those activities, the District can see an estimated monetary allocation needed to achieve a desired LOS. The MRP has proven to be a valuable tool to the SMO and District for establishing Key Performance Indicators (KPIs) and for yearly budget reports.
06/18 – 06/19	Performance Based Maintenance Contract Scoping, Georgia Department of Transportation (GDOT), District 7, GA. Project Manager. Led the scoping and drafting a Performance Based Maintenance contract for the I-75/I-85 Connector. This contract was multi-layered, incorporating the vision and mission of the drafted Transportation Asset Management Plan and development of a risk profiling, risk registry, and established KPIs and LOS targets for performance. The contract engaged various levels of GDOT from district maintenance engineer, procurement, legal, to deputy chief. With the growing Design-Build-Maintain projects being conducted throughout the D7 area, it is important to understand the role of GDOT D7 Maintenance in ensuring these segments of roadway are affecting the connecting routes and assets.
06/09 – Ongoing	Maintenance On-Call Contract, Tennessee Department of Transportation (TDOT), Statewide, TN. Project Team Member. Supports asset management and engineering operations under statewide on-call contract. Contributes to development of culvert inventory program and performs maintenance quality assurance inspections. Develops Federal Highway Administration (FHWA) reporting deliverables, including Damage Survey Summary Reports (DSSR) and Final Cost Reports, and supports preparation of corrective action plans and engineering reports. Provides support for rest area operations studies and development of operator activity charts. Contributes to design efforts for geotechnical and roadway-related improvements, including stormwater management and safety enhancements.
02/16 – 05/16	Asset Management Gap Analysis and Roadmap, City of South Bend, South Bend, IN. Asset Management Engineer. Conducted gap analysis to evaluate current transportation asset management practices and identify improvement opportunities and quick wins. Developed roadmap to support implementation of citywide asset management program and integration into long-term master planning efforts. Coordinated with stakeholders to assess existing asset management conditions and defined strategies to support data-driven decision-making and capital program development.
06/18 – 12/18	Atlanta Pavement Assessment / Pavement Management, City of Atlanta Public Works, Atlanta, GA. Project Team Member. Supported collection of pavement condition assessment data for approximately 1,600 miles of city-maintained roadways. Developed data outputs to support asset management decision-making and project prioritization. Supports development of evaluation criteria including Pavement Condition Index (PCI), rehabilitation strategies, resurfacing cost estimates, and deferral benefit analysis to guide capital planning and maintenance programming.

Firm employed by.  **ARCADIS**

Name	Sean Markey, PE	Years of relevant experience with this employer	14
Title	Principal Rail Design Engineer	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization	Certificate / 1999 / Railroad Maintenance & Engineering Certificate, University of Wisconsin BS / 1993 / Civil Engineering / Lehigh University		
Active registration number / state / expiration date	PE. 51033 / LA / Exp. 09/30/2026		
Year registered	2026	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities	Data Analysis for Prioritization		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Markey is Principal Rail Design Engineer with considerable experience in the administration, project management, inspection, rehabilitation, design, review, and construction of various freight and passenger railroad projects along with traffic engineering, and utility design projects. He brings a deep experience in Program and Project Management for projects of all sizes. His background has been deeply involved in participating in Freight Rail and Passenger Rail throughout the United States. He brings an understanding of Federal Programs, Diagnostic Reviews, Track Design and the development of Force Account Estimates. From 1999 to 2002, Sean was embedded at CSX as a seconded employee and handled Public Projects.		
8/22 – 11/25	Siemens Mobility, Lexington, NC. Project Executive. Responsible for leading the Site Selection for a new Rolling Stock Factory and Maintenance Facility for Siemens on the East Coast. Led the team of Arcadis in various concept plans to assist with the site selection for the new facility for Siemens. Also led the team to develop bid packages for both the on-boarding of a Design Firm and the bid package for the on-boarding of a Construction Manager At-Risk (CMAR) firm to build the facility. He continued as the Project Executive through the build phase which Arcadis provided Construction Management and Owners Representative Services to Siemens Mobility. Services involved concept planning for track design connecting the site to the North Carolina Railroad Corridor, which is operated by Norfolk Southern and a new undergrade railroad bridge.		
01/12 – 12/20	Public Projects, CSX Transportation, Various Locations Systemwide. Project Manager. Responsible for leading the staffing and services for the Public Project Program with primary oversight across the Southeast portion of the CSX Network including Louisiana, Alabama, Georgia, Mississippi, South Carolina and North Carolina. Over 2,000 Public Projects were reviewed from a technical basis and agreement processing. Projects included at-grade crossing modifications, grade separation projects, adjacent development projects, and other projects proposed by parties outside of CSX. Services provided to CSX included Engineering Reviews, Agreement Preparation, Force Account Estimate development along with Construction Monitoring.		
02/12 – 12/16	Haverstraw Track Capacity, CSX Transportation, Haverstraw, NY. Project Manager. Managed the concept planning and design of a second track from Milepost 33 to 38. This project involved the design of a new universal interlocking in a tangent along the Hudson River. Various options and alternatives were planned to safeguard the integrity of the embankment along the Hudson River. The final design included rip rap revetment protection to maintain the slope for the railroad operations to prevent scour from the Hudson River. Plans included two # 20 turnout installations at the northern and southern limits of the project. Duties included client management, financial management, staff management and technical reviews of the work product. He represented CSX at public meetings for the project to outline the scope of work and to interface with public.		

03/13 – 12/16	Plant Bowen Capacity Expansion, CSX Transportation, Stilesboro, GA. Project Manager. Managed the <i>design coordination and rail design for relocation of 2.25 miles of mainline track</i> , construction of 0.40 miles of new bad order tracks, relocation of 0.57 miles of bad order tracks, construction of 2.18 miles of new industry track, relocation of 1.47 miles of industry track, construction of 8 #10 turnouts, raising and resurfacing one #10 turnout, construction of one new #15 turnout, and relocation of one double switch point derail. The project included a new 146 LF double track concrete bridge structure over the environmentally sensitive Raccoon Creek as well as a concrete utility slab to protect an existing high pressure gas line.
01/14 – 12/15	South Raleigh Siding – Design & Environmental Permitting, Norfolk Southern, Raleigh, NC. Principal-in-Charge. PIC for track design for a new 7,000' siding. <i>The design included realignment of nearly 2000' of mainline track to achieve required minimum clearances</i> under the existing Tryon Road overhead bridge. New crash walls and soil nail walls were designed under the bridge. Wetland and buffer impacts were addressed by <i>coordinating with local mitigation banks</i> for purchase of required credits and obtaining approval from United States Army Corps of Engineers and North Carolina Department of Environment and Natural Resources.
01/07 – 12/15	National Gateway Initiative, CSX Transportation, Multiple Locations. Project Manager. Managed the <i>Vertical Clearance Improvements</i> for the National Gateway Initiative. National Gateway is a freight intermodal project involving 64 vertical obstructions requiring modification, replacement or removal to achieve a minimum of 21'-0" clearance from top of rail to the bottom of the obstruction. Project management involved leading several teams of professionals with <i>schedule, funding pursuit, design activities and various procurement activities</i> . Project involved modification of 13 mountain tunnels, replacement of the Virginia Avenue Tunnel (Washington, DC), and replacement of several overhead highway bridges throughout the corridor along with other locations involving trails and other railroads. <i>Project packages included the development of several Design-Build Packages for advertisement on complex projects</i> . Tasked with providing weekly reports and coordination of this large effort to progress the designs for all locations through the various identified agencies for review. Funding for the project involved TIGER funding, State Funding from Pennsylvania and Ohio along with all various requirements with American Recovery and Reinvestment Act funding. The construction cost was \$360 million for the vertical clearance improvements and \$850 million for the total efforts.
04/12 – 12/15	Second Main Track and Crossover, CSX Transportation, Coxsackie, NY. Project Manager. Led the concept planning and design of a second track from Milepost 121 to 129. This project involved the design of two new universal interlockings and two significant railroad bridge structures over Coxsackie Creek and Hannicrois Creek and 8-miles of track design to create additional capacity. Operational planning was performed to maintain railroad operation during the construction of the structures. <i>Performed management of the project, client interface, and staff coordination</i> . Permitting and property were both assessed and plans appropriately developed for both efforts.

Firm employed by.



Name	Cara Hodgson Vojdani		Years of relevant experience with this employer	6
Title	Principal Transportation Planner		Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization			MA / 2008 / Public Administration, Georgia State University BA / 2000 / Political Science and Concentration in Women’s Studies, Furman University	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Public Involvement	
Experience dates	Experience and qualifications relevant to the proposed contract			
	Ms. Vojdani is a strategic, innovative, and effective communications professional with 22 years of experience leading successful, multi-faceted campaigns for state, regional, and local organizations including the City of Atlanta, Metropolitan Atlanta Rapid Transit Authority (MARTA) and Georgia Department of Transportation (Georgia DOT). For 17 years, her experience has primarily focused on the transportation industry. Her engagement approach is focused on fostering meaningful connections with stakeholders and the community through multifaceted proactive outreach.			
01/06 – 07/13	Metropolitan Atlanta Rapid Transit Authority (MARTA), Atlanta, GA. Manager of Communications. Managed all day-to-day media relations activities including writing and distributing press releases, responding to media inquiries, securing positive cover for MARTA in local and national news stories, responding to emergency situations, executing communication plans and coordinating interviews with the General Manager/CEO, MARTA Board of Directors, and Assistant General Managers. Managed major communications and media outreach campaigns educating the public, customers, and partners about MARTA’s mission and initiatives. Wrote content and coordinated production of MARTA’s annual report, Transit Times external newsletter, and the MARTA stop internal e-newsletter. Drafted speeches for MARTA’s General Manager/CEO, board members, and directors. Oversaw all commercial filming and photography on the transit system in coordination with MARTA’s legal, police, and operations departments. Developed campaigns to educate partners, customers, and the community about the MARTA service and the benefits of transit. Led internal communications, including managing the Internal Communications Specialist position.			
01/19 – Ongoing	GEC Communications, Georgia Department of Transportation (GDOT), Atlanta, GA. Communications and Engagement Lead. Assisting with I-285 Westside Express Lanes communications and stakeholder and public engagement for the General Consultant (GEC) work for Georgia DOT. Coordinating communications, including videos, for the Georgia DOT I-85 Corridor Study. Led engagement and communications for Renew Atlanta DeKalb Avenue interim concept implementation and long-term design concept development.			
01/19 – Ongoing	I-285 Westside Express Lanes, Georgia Department of Transportation (GDOT), Multiple Locations, GA. Public Involvement / Outreach. Coordinates proactive communications, including stakeholder and public engagement, for the General Consultant (GEC) work for GDOT’s I-285 Westside Express Lanes project. This work includes communications plan development and updates, messaging, collateral development and updates, digital communications, stakeholder and public meetings and			

	communication. Also led internal and external communications campaigns for the overall Georgia Express Lanes program, including the I-75 South Metro, Northwest Corridor, and I-85 Extension projects.
01/19 – 12/22	I-85 Corridor Study, GDOT, Gwinnett County, GA. Communications Manager. Activities include writing and preparing project videos, assisting with social media and supporting outreach activities.
05/19 – 01/20	DeKalb Avenue Complete Street, City of Atlanta, GA. Communications Manager. Led communications and stakeholder engagement for the DeKalb Avenue interim concept implementation and long-term design concept development. This work included the development of a communications plan , project materials, and a stakeholder presentation. Coordinated stakeholder meetings and assisted in preparing for a public meeting to present the project concept.
01/17 – 01/18	Fulton County Transit Master Plan, Fulton County, GA. Communications Manager. Provided communications support for public outreach activities for the development of the Fulton County Transit Master Plan.
01/17 – 01/18	Xpress Bus Service, Fulton County, GA. Communications Manager. Coordinated the development of a marketing and community engagement plan for Xpress designed to encourage commuters to use the transit service during the 285/400 construction project.
8/13 – 11/18	Multiple Projects, HNTB, Atlanta, GA. Communications Director/Department Manager. Led a 14-member communications team providing program management, communications, public relations, outreach/engagement, digital, and creative services to regional and state transportation agencies including MARTA, SRTA, and GDOT. Led communications and outreach activities for MARTA's Planning Department, including More MARTA Atlanta, the city's largest expansion program in 40 years. Served as firm's communication program manager for major state and regional transportation initiatives including GDOT's Georgia Express Lanes, Georgia Commute Options (GCO), Fulton County Transit Master Plan, and Xpress Commuter Service Transit Demand Management marketing plan. Led internal and external communications campaigns for Georgia Express Lanes, including the I-75 South Metro, Northwest Corridor, and I-85 Extension projects. Led the GCO communications team, delivering strategic communications services designed to inspire commuters and employers to engage in clean commute activities. Coordinated GCO's efforts with partner organizations, including Transportation Management Associations, transit and transportation agencies, and local governments, further raising awareness about the benefits of clean community. Provided communications support for public outreach activities for the development of the Fulton County Transit Master Plan. Coordinated development of a marketing and community engagement plan for Xpress to encourage commuters to use the transit service during Transform 285/400 construction.

Firm employed by: 				Meets MPR No. 5		
Name		Adrien Litton		Years of relevant experience with this employer		10
Title		Principal Digital Consultant		Years of relevant experience with other employer(s)		25
Degree(s) / Years / Specialization				MS / 2005 / Information Technology, University of Redlands BS / 2001 / Business Information Systems, University of Phoenix		
Active registration number / state / expiration date				N/A		
Year registered		N/A		Discipline		N/A
Contract role(s) / brief description of responsibilities				Data Systems Applications and Architecture		
Experience dates		Experience and qualifications relevant to the proposed contract				
		Mr. Litton is a Senior Technical Consultant and Subject Matter Expert (SME) with more than 30 years of experience supporting enterprise Geographic Information Systems (GIS) programs, with emphasis on Linear Referencing System (LRS) design, implementation, and integration. He served as lead product designer for ESRI Roads and Highways solution and supported implementation efforts for LADOTD and other state DOTs. He provides expertise in enterprise data integration, database design, Extract, Transform, and Load (ETL) workflows, and geospatial system architecture. He supports Federal Highway Administration (FHWA) reporting programs, including Highway Performance Monitoring System (HPMS) and Certified Public Mileage (CPM), and guides development of automated analytics and reporting workflows. Adrien provides strategic and technical leadership across multidisciplinary teams to ensure consistent system performance, data quality, and operational efficiency.				
07/24 – Ongoing		Rail Inventory Management System (RIMS) FME Workflow, LADOTD, Baton Rouge, LA. Subject Matter Expert. Oversees development of Extract, Transform, Load (ETL) workflows using Feature Manipulation Engine (FME) to extract rail crossing data via application programming interface (API) and integrate into enterprise datasets. Directs development of automated processes to organize, validate, and store data for advanced analytics and reporting supporting railroad asset management.				
04/20 – Ongoing		Highway Performance Monitoring System (HPMS) Facilitator, LADOTD, Baton Rouge, LA. Subject Matter Expert. Supports development and coordination of workflows for annual Highway Performance Monitoring System (HPMS) reporting. Integrates data from multiple sources and develops spatial overlays and geoprocessing models to generate reporting outputs. Supports analysis of roadway extent and traffic data in responding to Federal Highway Administration (FHWA) for data validation and reporting compliance .				
04/20 – Ongoing		Certified Public Mileage (CPM), LADOTD, Baton Rouge, LA. Subject Matter Expert. Supports development of overlay processes to calculate Certified Public Mileage (CPM) in accordance with Federal Highway Administration (FHWA) requirements for Highway Performance Monitoring System (HPMS) reporting. Reviews and applies federal guidelines and develops Linear Referencing System (LRS) geospatial workflows to identify and correct gaps in roadway coverage using attribute integration methods.				
09/24 – 04/26		Guardrail Asset Management Web Mapping Application, LADOTD, Baton Rouge, LA. Subject Matter Expert. Provides technical oversight for development of web and field applications supporting guardrail data collection and management. Directs development of post-processing workflows to transform field data and align with enterprise data				

	schemas, improving accuracy and consistency . Supports design and implementation of ArcGIS Experience Builder applications to visualize and analyze processed data, enhancing workflows for data collection, transformation, and safety analysis.
11/23 – Ongoing	Application Prioritization, LADOTD, Baton Rouge, LA. Program Specialist. Supports prioritization of application development, system upgrades, and maintenance activities for System of Engagement (SOE) applications supporting Emergency Operations Center (EOC) and roadway operations. Provides technical guidance and assists in identifying and coordinating staff resources for testing, documentation, and system improvements.
09/23 – Ongoing	Legacy Application Modernization, LADOTD, Baton Rouge, LA. Subject Matter Expert. Provides technical leadership for modernization of legacy applications supporting transportation operations and emergency management systems. Supports evaluation, documentation, and redesign of applications to align with modern Linear Referencing System (LRS) architecture and enterprise standards.
12/24 – 12/25	ArcGIS Pro Migration, LADOTD, Baton Rouge, LA. Subject Matter Expert. Developed migration strategy for transitioning Geographic Information Systems (GIS) and Linear Referencing System (LRS) data from ArcGIS Desktop to ArcGIS Pro. Provided guidance on testing new functionality, updating workflows, and adapting database schemas to support advanced capabilities, including versioning and workflow enhancements.
07/19 – 06/22	Deighton dTIMS Integration, LADOTD, Baton Rouge, LA. Program Specialist. Supported integration between Deighton dTIMS pavement management system and Roads and Highways platform. Developed pavement event schema and geospatial workflows to overlay historical pavement data onto current Linear Referencing System (LRS). Performed quality control checks on located data and coordinated with stakeholders to resolve data gaps and establish consistent data collection processes.
07/22 – Ongoing	Highway Class Development, LADOTD, Baton Rouge, LA. Subject Matter Expert. Supports development of Highway Classification datasets used for crash analysis and reporting in the eCrash system. Develops schema design and automates workflows to improve data generation and consistency. Coordinates with safety and research stakeholders to refine data models and support distribution to external reporting systems.
07/22 – Ongoing	Highway Needs Report, LADOTD, Baton Rouge, LA. Program Specialist. Leads modernization of reporting workflows by replacing legacy Visual Basic scripts with Python-based automation. Supports development of geoprocessing models to integrate multiple datasets, including overlay of more than 40 Geographic Information Systems (GIS) layers. Improves accuracy and efficiency of annual reporting aligned with current Highway Design Manual standards .
07/23 – Ongoing	MS2 Traffic System Support, LADOTD, Baton Rouge, LA. Subject Matter Expert. Supports development of traffic segment datasets using Geographic Information Systems (GIS) data for on-system and off-system roadways. Develops workflows to aggregate data to meet Federal Highway Administration (FHWA) requirements for Highway Performance Monitoring System (HPMS) reporting. Supports integration of traffic segments with station data to assign unique location identifiers and ensure continuous network coverage. Develops processes for validation, segment refinement, and annualized traffic data generation to support accurate and consistent reporting.

Firm employed by: 			Meets MPR No.5
Name	Devon Elcik	Years of relevant experience with this employer	2
Title	GIS Specialist	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		MS / 2017 / Environmental Geospatial Sciences, Mississippi State University BS / 2015 / Earth Science, Salisbury University	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Data Systems Applications and Architecture	
Experience dates		Experience and qualifications relevant to the proposed contract	
		Mrs. Elcik provides Geographic Information Systems (GIS) support for transportation and infrastructure projects, including data migration, workflow automation, and application development. She develops automated processes using Feature Manipulation Engine (FME) and Python to improve efficiency and data accuracy. She supports enterprise GIS implementations, including ArcGIS Pro migration and Esri Roads and Highways platform integration. Devon is skilled in developing user-focused applications using Experience Builder, WebApp Builder, and ArcGIS Dashboards to improve accessibility and support data-driven decision-making. She performs data quality control, schema validation, and workflow optimization.	
08/25 – Ongoing		DOTD Access Connection Permitting System Support, LADOTD, Baton Rouge, LA. GIS Specialist. Supports Access Connection Permitting System workflow for tracking commercial access permit applications. Documents knowledge transfer sessions to support team coordination and investigates Feature Manipulation Engine (FME) , Workflow Manager, and application-related user support requests to resolve issues and improve system functionality .	
01/25 – 06/25		Highway Priority Program Public Comment Survey and Application Development, LADOTD, Baton Rouge, LA. GIS Specialist. Developed public comment survey and web application to support transportation planning initiatives. Gathered requirements through stakeholder coordination and designed solution using Survey123 Connect and Experience Builder to capture community input. Refined application through iterative updates to improve usability, accessibility, and alignment with planning objectives.	
04/24 – Ongoing		ArcGIS Pro Migration Transition Support, LADOTD, Baton Rouge, LA. GIS Specialist. Supports transition of GIS data to ArcGIS Pro environment, including documentation of schema changes and development of Data Quality Matrix to support validation . Assists with migration of event layers and performs quality control checks to validate data accuracy and identify issues. Supports troubleshooting efforts to improve migration efficiency and ensure reliable system performance.	
04/24 – Ongoing		Experience Builder Application Development, LADOTD, Baton Rouge, LA. GIS Specialist. Develops Experience Builder applications to streamline workflows and improve data accessibility . Transforms existing Excel-based backlog processes into interactive applications with customizable views, advanced filtering, and task management features. Implements user-specific dashboards to support editing , tracking, and management of assigned tasks and improves overall efficiency through intuitive application design .	

04/24 – Ongoing	GIS Process Automation with Feature Manipulation Engine (FME), LADOTD, Baton Rouge, LA. <i>GIS Specialist.</i> Supports modernization of GIS workflows by converting ArcMap ModelBuilder tools into Feature Manipulation Engine (FME) workbenches . Develops workbench designs to replicate ModelBuilder functionality and improve process efficiency. Transforms existing Excel-based backlog processes into interactive applications with customizable views , advanced filtering, and task management features.
08/25 – Ongoing	Highway Safety Improvement Program (HSIP) Task Order 2: Context Classification Guide, Nevada Department of Transportation (NDOT), Carson City, NV. <i>GIS Specialist.</i> Supports development of context classification program by researching peer agency practices and identifying applicable data sources. Assists in configuring automated model workflows to support classification generation and analysis.
04/24 – 05/25	Highway Safety Improvement Program (HSIP) Task Order 1: Investigating and Analyzing Safety Data Protocols, Nevada Department of Transportation (NDOT), Carson City, NV. <i>GIS Specialist.</i> Supports analysis of crash data by reviewing and validating unlocated and unverified crash records. Utilizes Transportation Safety Engineering (TSE) Crash Locator application to confirm crash locations using intersection, milepost, and manual relocation methods. Assists in improving data accuracy for statewide crash reporting.
04/24 – Ongoing	Multi-Application Geographic Information Center (MAGIC), Nevada Department of Transportation (NDOT), Carson City, NV. <i>GIS Specialist.</i> Supports geospatial system modernization through data schema design and data migration. Maps source-to-target fields and loads data into new schemas to develop authoritative datasets . Assists in development of Experience Builder applications to provide near real-time access to enterprise data.
04/24 – 10/24	MAGIC Use Case: Road Data Viewer, Nevada Department of Transportation (NDOT), Carson City, NV. <i>GIS Specialist.</i> Supports development of Experience Builder application to provide near real-time access to authoritative roadway data, including functional classification, traffic segments, funding, administrative boundaries, and roadway ownership.
06/24 – 03/25	Context Classification, Georgia Department of Transportation (GDOT), Atlanta, GA. <i>GIS Specialist.</i> Supports development of context classification tool to evaluate roadway segments based on land use and network characteristics. Develops automation processes using Python and Jupyter Notebook to integrate intersection, census, population density, and land use data for classification analysis.
04/24 – 03/25	Migration of Geographic Information Systems (GIS) to Roads and Highways Platform, South Carolina Department of Transportation (SCDOT), Columbia, SC. <i>GIS Specialist.</i> Supports migration from GeoMedia to ArcGIS Pro by developing automation scripts for route and event data conversion. Supports schema updates, data validation, and development of standard operating procedures for ongoing data maintenance. Incorporates data quality metrics to ensure accuracy and prevent data loss during migration.

Firm employed by: 			Meets MPR No. 5
Name	Jared Andre	Years of relevant experience with this employer	4
Title	GIS Specialist	Years of relevant experience with other employer(s)	26
Degree(s) / Years / Specialization	BS / 1995 / Forest Management, 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	Data Systems Applications and Architecture		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Andre is a Geographic Information Systems (GIS) Specialist with more than 30 years of experience supporting enterprise geospatial systems, database administration, and data integration workflows. He provides expertise in Esri ArcGIS platforms, Feature Manipulation Engine (FME), and enterprise database environments. He supports development of Extract, Transform, and Load (ETL) processes, system integration across disparate platforms, and automation of geospatial data processing. Jared's programming skills include Python, Structured Query Language (SQL), and C# and he supports enterprise system configuration, troubleshooting, and performance optimization. He leads development of scalable workflows, database schema design, and enterprise system architecture. Jared provides technical leadership in system integration, automation, and operational support for LADOTD and other state DOTs.		
	02/21 – Ongoing	Geodatabase Administrator, Louisiana Department of Transportation and Development (LADOTD), Baton Rouge, LA. <i>GIS & FME Developer.</i> Manages enterprise geodatabase infrastructure supporting Section 21 Geographic Information Systems (GIS) operations. Performs database maintenance, performance tuning, backup management, schema updates, and Structured Query Language (SQL) development. Develops Python-based automation scripts to streamline geodatabase provisioning and connection management. Supports validation of ArcGIS Pro attribute rules to ensure compatibility across mixed-version environments and improve system stability.	
	02/21 – Ongoing	FME Workbench Developer, LADOTD, Baton Rouge, LA. <i>FME Developer.</i> Develops and maintains Feature Manipulation Engine (FME) workbenches supporting enterprise Extract, Transform, Load (ETL) workflows . Enhances existing workflows and embedded SQL processes and contributes to development standards for documentation and workbench design. Develops automated workflows to support secure processing, encryption, and transmission of project data to legacy systems, including mainframe databases. Supports optimization and maintenance of more than 100 enterprise workbenches.	
	02/21 – Ongoing	FME Server / Flow Administrator, LADOTD, Baton Rouge, LA. <i>FME Administrator.</i> Performs system monitoring, maintenance, and development of Server/Flow Automations. Responsible for setting up and maintaining automated system backups for all FME Server/Flow systems. Leads efforts in troubleshooting and debugging complex, multi-component deployment scenarios. Led efforts to develop data automation workflows and best practices for passing data between FME workbenches and the FME Server/Flow system, enabling workflows that were not previously possible.	
	02/21 – Ongoing	FME Trainer / Subject Matter Expert, LADOTD, Baton Rouge, LA. <i>Subject Matter Expert.</i> Provides training and mentorship for Feature Manipulation Engine (FME) Desktop, FME Server, and FME Flow environments to expand staff capability in data integration and automation workflows. Supports development of advanced FME applications , including inspection	

	workflows and census data processing initiatives. Contributes to knowledge transfer and technical training through internal programs and presentations, supporting broader adoption of enterprise data automation tools.
08/21 – Ongoing	System Architect, LADOTD, Baton Rouge, LA. System Architect. Develops comprehensive enterprise system architecture documentation for more than 50 Geographic Information Systems (GIS) servers across development, staging, and production environments. Defines system relationships, communication pathways, and environment boundaries to support operational efficiency and system integration. Maintains architecture documentation as a reference for ongoing system development and management activities.
06/21 – Ongoing	MediaWiki Administrator and Configuration Engineer, LADOTD, Baton Rouge, LA. System Architect. Develops and maintains internal knowledge management platform supporting GIS team operations. Configures infrastructure components , including database back-end and web server environments , and manages user access, automated backups, and system configuration. Supports development of documentation standards and knowledge repositories to improve team efficiency and information sharing.
02/21 – 06/25	Onsite Staff Augmentation for Section 21 GIS/Mapping, LADOTD, Baton Rouge, LA. GIS & FME Developer. Provides onsite technical support for enterprise GIS operations, including database administration, system troubleshooting, and coding support . Assists team members with Structured Query Language (SQL) queries, geodatabase recovery, and system configuration tasks. Supports cross-team coordination and provides technical assistance during Emergency Operations Center activities and other operational support efforts.
01/23 – Ongoing	Multi-Application Geographic Information Center (MAGIC), Nevada Department of Transportation (NDOT), Carson City, NV. GIS & FME Developer. Develops prototype Feature Manipulation Engine (FME) workflows to replicate legacy Structured Query Language (SQL) Server reporting frameworks. Provides troubleshooting and technical support for FME workflow development and enterprise data integration . Supports development of automated reporting solutions and assists project teams with workflow optimization and implementation.

Firm employed by.



Name	Max Aguirre, PhD, PE, PTOE, RSP2I	Years of relevant experience with this employer	6
Title	Transportation Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	PhD / 2018 / Engineering Science, Louisiana State University MS / 2015 / Construction Management, Louisiana State University BS / 2013 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	PE. 47579 / LA / Exp. 09/2027; PTOE #5291 / USA / Exp. 7/2028; RSP2I #182 / USA / Exp. 7/2027		
Year registered	2023	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Highway / Rail Safety		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Dr. Aguirre is a Professional Engineer specializing in traffic engineering studies and design. Dr. Aguirre has experience working on projects for Louisiana Department of Transportation and Development (LADOTD) pertaining to traffic and safety studies, Stage 0 feasibility studies, pedestrian and bicycle improvements, permanent signing design, signal design, and NEPA studies. He is also familiar with the Highway Capacity Manual, Highway Safety Manual, MUTCD, and AASHTO "Green Book". Dr. Aguirre is also knowledgeable in the application of several software programs including Interactive Highway Safety Design Model, SYNCHRO, Highway Safety Software (HSS), GuidSIGN, HCS and MicroStation software.		
01/24 – Ongoing	Scenic Highway Corridor Improvements (Harding to Swan), City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. The purpose of the project is to provide corridor enhancements including signal and railroad crossing safety upgrades and ped/bike accommodations along Scenic Highway. Responsible for the development of signal design plans and timings for the 3 locations, including a HAWK signal and an intersection with complex railroad crossing design. The project required collaboration with Illinois Central Railroad to coordinate railroad crossing design upgrades .		
02/22 – Ongoing	I-10 Calcasieu River Bridge P3, LADOTD, Calcasieu Parish, LA. Traffic Engineer. The purpose of the I-10 Calcasieu Bridge Replacement P3 project is 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. Responsibilities include assisting in the delivery of traffic engineering design and deliverables including IMR, Transportation Management Plan, traffic signal design, signing and marking design, and ITS design. Coordination with CPKC Railroad is also required for signal design and transportation management during construction.		
11/22 – 02/24	Airline Highway Corridor Study, LADOTD / City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. Project purpose was to evaluate the operational and safety needs of the Airline Highway Corridor from Florida Blvd to the River. The corridor has several at-grade railroad crossings, which were evaluated with respect to operations and safety . Improvement concept were developed to address any identified operational and safety needs, including those associated with railroad crossings. Project tasks included traffic data collection, existing safety analysis , traffic analysis, and alternative development.		

02/23 – 05/24	Safety Studies IDIQ - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. Traffic Engineer. Responsible for conducting all traffic and safety tasks needed 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. Performed benefit-cost analysis to aid in prioritizing the implementation of countermeasures.
10/18 – 03/21	Safety Studies IDIQ - LA 3040 Corridor Improvements, LADOTD, Houma, LA. Traffic Engineer. Study to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address safety and operational needs . Responsible for performing traffic analysis using Highway Capacity Software in accordance with LADOTD TEPR Requirement.
09/19 – 06/21	Safety Studies IDIQ - Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Assisted with the assessment of existing and future safety deficiencies related to pedestrian and bicycle modes at identified high-risk intersections and segments in East Baton Rouge Parish. Assisted with the development of screening criteria to identify high priority locations with a history of pedestrian and/or bicycle crashes. Assisted in the development of Road Safety Assessments (RSAs) at 10 priority locations to identify and evaluate safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists. Evaluated alternatives to determine and document the feasibility of proposed countermeasures . Developed benefit-cost analysis to prioritize implementation of proposed improvements.
10/19 – 07/21	I-10 New Orleans to Slidell Hard Shoulder Running Feasibility Study, LADOTD, Orleans Parish, LA. Traffic Engineer. Purpose of the project was to evaluate the feasibility of implementing HSR lanes along I-10 to alleviate existing bottlenecks and congestion along critical segments of the corridor. Developed conceptual drawings and typical sections, crash analysis, and predictive safety analysis for proposed Hard Shoulder Running (HSR) alternatives on I-10 between New Orleans and Slidell. Developed benefit-cost analysis for Preliminary Scope and Budget and Environmental Checklists.
08/19 – 02/20	US 61 Access Management and Corridor Improvements (Airline Hwy), LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Project purpose was to evaluate the effectiveness of proposed access management improvements along US 61 and identify feasible alternatives to maximize operational and safety benefits . Evaluated the need for pedestrian and bicycle accommodations based on historical crash data and adjacent land use. Assisted in conducting traffic analysis and the development of benefit-cost analysis to compare the effectiveness of the proposed alternatives.
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Assisting in 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. Assisted in the development of existing condition safety analysis including tasks such as crash data analysis, collision diagrams, and crash report documentation .

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, University of Tennessee BS / 2004 / Civil Engineering, University of Akron		
Active registration number / state / expiration date	PE.0038492 / LA / Exp. 03/31/2028; PTOE #3455 / USA / Exp. 07/01/2027; PTP #604 / Exp. 07/01/2026		
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Highway / Rail Safety		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Maderia's experience in transportation engineering includes a range of services, such as project engineer responsible for 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.		
	04/21 – 06/22	Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA. Senior Safety Analyst. Responsible for QAQC of crash data analysis tasks for the SHSP update, including statistical analysis of existing emphasis areas and evaluating modifications to emphasis areas.	
	04/18 – 03/21	Local Road Systemic Safety Analysis, Ohio Department of Transportation (ODOT), Statewide, OH. Lead Engineer. As a key contributor to Ohio's SHSP, Arcadis worked as an extension of ODOT's Office of Program Management to perform data-driven systemic safety analyses across four task orders. These included pedestrian crash screening, citywide crash screening, bicycle route safety analysis, and expanded regional pedestrian analysis, focusing on identifying risk factors, prioritizing safety improvements, and developing interactive tools like ArcGIS Online applications. Each task order involved collecting and evaluating crash data, developing crash trees and risk scores, and identifying high-risk facilities and network segments to recommend countermeasures and support safety funding applications. This collaborative effort emphasized raising awareness of Ohio's SHSP emphasis areas and improving safety outcomes statewide.	
	09/17 – Ongoing	Safety Study Task Order Contracts, ODOT, Statewide, Ohio. Lead Engineer. Responsible for completing site specific safety studies on a task order basis. Each safety study includes a site visit, existing conditions inventory , preparing existing conditions plans, collecting traffic counts, forecasting traffic volumes, reviewing 3 year crash history, completing ODOT's CAM Tool, capacity analysis, CMF Clearinghouse to test counter-measures , schematic diagrams, cost estimating, completing ODOT's ECAT, writing a safety study technical report , applying for safety funding from ODOT, and presenting the project to ODOT's Office of Program Management for the chance to be awarded safety funding.	

02/17 – 02/18	Safety Studies IDIQ - I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Traffic Engineer. Responsible for 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.
03/16 – 07/18	Safety Studies IDIQ - I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Traffic Engineer. Evaluated safety based on crash analysis, the HSM predictive methods and the ISATe tool for Freeways. Estimated costs and safety benefits to evaluate the feasibility of proposed alternatives. Analyzed speed data and volume data and developed figures for various hard shoulder running locations.
08/14 – 06/15	Safety Studies IDIQ - LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. Traffic Engineer. Responsible for review of existing crash data and traffic operations analysis, development of safety countermeasures , conceptual drawings, and Stage 0 documentation. Purpose of the project was to develop access management strategies and roadway improvements that will maintain and improve mobility, improve safety, support existing and future development along the corridor. Safety performance of alternatives were estimated using Highways Safety Manual predictive methods .
01/14 – 02/17	US 71 Corridor Phase I Traffic and Safety Feasibility Study, LADOTD, Rapides Parish, Louisiana. Traffic Engineer. Responsible for independent review of traffic and safety analysis , VISSIM animations, and final Stage 0 documentation. Purpose of the project was to identify operational and safety needs and determine the safety effectiveness of alternative concepts that incorporated innovative intersections, roundabouts, frontage road improvements, and signal timing improvements.
02/15 – 08/17	US 71 Corridor Phase II Traffic and Safety Feasibility Study, LADOTD; Rapides Parish, LA. Traffic Engineer. Responsible for providing traffic data collection, warrant studies, traffic analysis, safety data analysis , and development of conceptual layouts. Assisted with the completion of Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists.
02/15 – 08/17	Evangeline Thruway, Johnston St, & Louisiana Ave. Traffic and Safety Feasibility Study, LADOTD, Lafayette Parish, Louisiana. Traffic Engineer. Responsible for the operational and safety analysis of project alternatives including existing, no-build, and build conditions. A calibrated VISSIM model was developed and used to analyze the various scenarios. Build alternatives included CFI, RCUT, and MUT concepts. The primary objective of the study is to identify reasonable alternatives that address the purpose and need and conduct a benefit/cost analysis to the operational and safety effectiveness of alternatives .
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Responsible for traffic engineering tasks related to the development of 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.

Firm employed by.



Name	Joshua Daigrepoint, IMSA II	Years of relevant experience with this employer	7
Title	Senior Field Technician	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	N/A		
Active registration number / state / expiration date	International Municipal Signal Association (IMSA) Level 1 / Level 2 Traffic Signal Field Technician / Exp. 09/18/2028		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Field Operations		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Daigrepoint has ten years of experience including field inspection and data collection in the transportation industry. He has experience as an Inspector on several LADOTD CE&I projects. He has been certified by the International Municipal Signal Association (IMSA) as a Level 1 and Level 2 Traffic Signal Field Technician. Mr. Daigrepoint has seven years of experience with tower climbing and working at heights with a variety of bucket trucks, cranes, and manlifts. He has been certified by Comtrain, LLC as a competent level Tower Safety and Rescue climber. He has experience with data collection, data management, data verification, and inventory management using the inSIGHT AM software package.		
	06/24-Ongoing	ITS Maintenance Engineering & Inspection (ME&I) - Program Management and Maintenance Management System Task Orders, LADOTD, Statewide, LA. Field Technician & Inspector. Performs <i>field inspection and data collection</i> for LADOTD maintenance contract. Responsibilities include observing and documenting all aspects of maintenance. Use inSIGHT AM software for <i>data collection and data management</i> . Regularly <i>maintain, verify, and update the inventory</i> in inSIGHT AM.	
	06/24-Ongoing	ITS Maintenance Engineering & Inspection (ME&I) - Routine Maintenance Task Orders, LADOTD, Statewide, LA. Field Technician & Inspector. Performs <i>field inspection and data collection</i> for LADOTD maintenance contract. Responsibilities include observing and documenting all aspects of maintenance. Use inSIGHT AM software for <i>data collection and data management</i> . Regularly <i>maintain, verify, and update the inventory</i> in inSIGHT AM.	
	06/24-Ongoing	ITS Maintenance Engineering & Inspection (ME&I) - Responsive Maintenance Task Orders, LADOTD, Statewide, LA. Field Technician & Inspector. Performs <i>field inspection and data collection</i> for LADOTD maintenance contract. Responsibilities include observing and documenting all aspects of maintenance. Use inSIGHT AM software for <i>data collection and data management</i> . Regularly <i>maintain, verify, and update the inventory</i> in inSIGHT AM.	
	08/21 – 09/25	I-10 US 61 to Laplace ITS Deployment (CE&I), LADOTD, Ascension, St. James, and St. John the Baptist Parishes, LA. Field Inspector. Provided <i>field inspection and data collection</i> for LADOTD construction project. Responsibilities included observing and documenting all aspects of construction.	
	02/19 – 08/21	US 190 ITS Deployment (CE&I), LADOTD, West Baton Rouge, Pointe Coupee, and St. Landry Parishes, LA. Field Inspector. Provided <i>field inspection and data collection</i> for LADOTD construction project. Responsibilities included observing and documenting all aspects of construction.	
	10/19 – 10/21	Alexandria ITS Deployment Phase 3 (CE&I), LADOTD, Rapides Parish, LA. Field Inspector. Provided <i>field inspection and data collection</i> for LADOTD construction project. Responsibilities included observing and documenting all aspects of construction.	

Firm employed by.



Name	Brandon Thomas	Years of relevant experience with this employer	8
Title	Senior Engineering Technician	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS / 2018 / Civil Engineering, Kennesaw State University		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Field Operations		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Thomas provides transportation design support with experience in highway-rail crossing safety improvements, traffic signal design, and traffic operations. Supports evaluation, design, and delivery of transportation safety projects for state Departments of Transportation. Supports Railroad Crossing Safety Programs, including evaluation of at-grade crossings, development of safety recommendations, and preparation of engineering reports. Contributes to coordination with local agencies and railroad stakeholders and supports development of signing and pavement marking plans. Performs field data collection and condition assessments, supports traffic operations and response management activities, and contributes to development of design plans for intersection improvements and safety enhancements.		
	03/18 – Ongoing	On-Call Professional Services Class III (Short Line) Railroad Crossing Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Railroad Crossing Designer. Supports <i>multiple at-grade railroad crossings corridor studies</i> , as well as <i>prioritized site location</i> as needed. Responsible for <i>safety analysis and proposed recommendations, contact with local agencies and railroad owners</i> , and plan development.	
	01/18 – 04/23	Section 130 Program of Safety Projects - Railroad Crossing Safety Improvements, Alabama Department of Transportation (ALDOT), Statewide, AL. Railroad Crossing Designer. Supports evaluation of <i>25 high hazard, at-grade railroad crossings</i> throughout Alabama. Responsible for safety analysis and proposed recommendations, contact with local agencies and railroad personnel, and plan development.	
	12/18 – 11/19	Regional Traffic Operations Program, Georgia Department of Transportation (GDOT), Statewide, GA. Traffic Designer. Performs <i>traffic operations and response management</i> including the <i>implementation of the Automated Traffic Signal Performance Measures (ATSPM)</i> software. Responsible for inputting data into ATSPM software for intersection traffic signal phasing. Developed a guideline on how to assign traffic signal phasing into the ATSPM software. Assisted in traffic monitoring at GDOT Traffic Management Center (TMC). Performed coordination with traffic signal corridor managers and GDOT on response management to traffic incidents and signal outages.	
	05/22 – 12/24	Pedestrian and Signal Upgrade Safety Project, Georgia Department of Transportation (GDOT), Various Locations, GA. Traffic Designer. Leads task related to plan development for 46 intersections across Georgia. <i>Plans included ADA compliant ramps and sidewalks, traffic signal upgrades, and signing and marking.</i> Managed design, scheduling, and project plan submissions in accordance with the GDOT PDP.	
	03/24 – 08/25	State Route 92 at Main Street Intersection Improvement Project, Cherokee County, GA. Traffic Designer. Designs proposed improvements that consist of restriping along SR 92 to provide three through lanes in each direction. Proposals also include the <i>design of ADA compliant ramps and traffic signal upgrades</i> at SR 92 at Main Street.	

Firm employed by.



Name	Mason Hodges, EI	Years of relevant experience with this employer	1
Title	Transportation Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	BS / 2023 / Civil Engineering, North Carolina State University		
Active registration number / state	Engineering Intern: A-30954 / NC / Civil		
Year registered	2023	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities	Field Operations Data / Data Analysis for Prioritization		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Hodges has two years of experience as a roadway and traffic designer. His role has included highway-rail crossing safety improvements, roadway safety, and roadway operational improvements. Mason has extensive experience with GDOT's Railroad Crossing Safety Program including work on more than 150 crossings throughout the state. He has led efforts in communications with local municipalities, performed field work in documenting and evaluating existing conditions, provided updates to relevant software programs, and completed numerous Highway-Rail Engineering Final Reports in accordance with applicable GDOT standards, MUTCD guidance, and railroad criteria.		
	10/24 – Ongoing	On-Call Professional Services Class III (Shortline) Railroad Crossing Safety Program, Georgia Department of Transportation (GDOT), Statewide, GA. Traffic Designer. Responsible for supporting <i>statewide highway-rail crossing safety efforts through field inventory and data collection for both active and passive at-grade crossings</i>. Duties include <i>analyzing operational, geometric, and functional relationships between grade crossings, adjacent intersections, and the surrounding roadway network</i>, as well as reviewing planned and proposed roadway projects and safety improvements along rail corridors to evaluate impacts to highway-rail safety and traffic operations. Responsibilities also include <i>developing recommendations for active warning device improvements, crossing consolidations, and documentation supporting corridor-level safety improvements</i>. Evaluates existing passive warning devices and recommends MUTCD-compliant upgrades, including signage and pavement markings, while supporting at-grade crossing closure analyses considering alternate routes and network impacts.	
	6/23 – 10/24	On-Call Traffic Data Collection, North Carolina Department of Transportation (NCDOT), Statewide, NC. Field Technician and Quality Assurance Analyst. Responsible for supporting <i>statewide traffic data collection efforts through the collection, processing, and summarization of traffic count data</i> while maintaining data accuracy, completeness, and quality control standards. Responsibilities included <i>performing quality assurance reviews</i> of turning movement, speed, vehicle classification, and peak hour count data collected, as well as <i>managing multiple concurrent data collection assignments</i> to ensure projects were delivered in a timely and cost-effective manner.	
	6/23 – 10/24	On-Call Highway Safety Improvement Program (HSIP), North Carolina Department of Transportation (NCDOT), Statewide, NC. Safety Analyst. Responsible for supporting NCDOT's Highway Safety Improvement Program through <i>crash data analysis</i> using the Traffic Engineering Accident Analysis System (TEAAS) to <i>identify collision patterns and evaluate documented safety concerns</i>. Responsibilities included developing collision diagrams using MicroStation and preparing GIS-based maps and exhibits to <i>summarize crash trends, study limits, and supporting safety analysis</i> information for use in project documentation and reporting.	

Firm employed by.



Name	Patrick Jacks	Years of relevant experience with this employer	5
Title	Management Consultant	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	BS / 2026 / Computer and Information Sciences and Support Services, Liberty University		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Data Analysis for Prioritization		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Jacks is proficient in Microsoft Cloud Applications Development due to his extensive experience in the architecture and design of cloud-based solutions and expertise in the Microsoft Power Platform. His specialization in application development, database development, process automation, and insights dashboard development, coupled with his exceptional knowledge in traffic operations, is evident through his successful deployment of over 100 Microsoft Power Platform solutions for 10 government agencies. His pivotal roles in projects such as the I-24 ICM Operation and Maintenance in Tennessee and the California High Speed Rail Construction Package 2-3 demonstrate his ability to develop comprehensive, user-friendly solutions and coordinate with diverse stakeholders. He brings valuable experience and a deep understanding of data and analytics in transportation and mobility projects.		
	07/22 – Ongoing	California High Speed Rail Construction Package 2-3, California High Speed Rail Authority (CAHSRA), Fresno, CA. Digital Lead. Worked with all project area teams to develop automated and digital solutions for tracking project information. Developed various web applications to digitize and standardize daily tasks and automate daily, weekly, monthly, and quarterly reports. Developed a daily inspection reporting system for inspectors to log reports from the field while providing critical insights to leadership using interactive dashboards. In total, forty-seven web applications and four dashboards were developed across all project area teams which was hosted in one project portal site to provide a one version of truth experience to the project team and the authority.	
	07/22 – Ongoing	I-24 ICM Operation and Maintenance, Tennessee Department of Transportation (TDOT), Nashville, TN. Analyst. Responsible for developing the performance reporting dashboard for the 26 miles corridor that includes freeway and arterial routes. Coordinated with six (6) other vendors and applications to access and ingest data. Developed a web application that is used by TMC operation staff to track and document their activities for reporting purposes. Developed mobile application for field staff to log and track daily traffic signal maintenance activities.	
	08/22 – Ongoing	ITS Maintenance, Alabama Department of Transportation (ALDOT), Birmingham, AL. Digital Lead. Responsible for developing a portal site, web application, database, and project dashboard for managing ITS device assets. A mobile application was developed for field personnel to view devices needing repair and visualize them geospatially and update information about the devices regarding their status and/or equipment needed to make repairs. A project dashboard was developed to visualize device statuses geospatially and insights regarding device uptimes and tracked costs for repairs or replacements. A portal site was also developed to bring all the components together to provide a one version of truth solution to the project teams and the client.	

02/19 – 07/22	Regional Traffic Operations Program, Georgia Department of Transportation (GDOT), Atlanta, GA. <i>QPL Team Lead.</i> Served as part of a task force responsible for performing evaluations of products submitted for GDOT Qualified Products List (QPL) approval or removal. Developed a web application and database to track the evaluation process for the committee to track changes in status and update information related to the evaluations being performed. The application included automated reports with alerts for when signatures were required. Conducted numerous product evaluations from start to finish going through each step of the evaluation process: Application Review, Documentation/GDOT Spec Review, and Field Evaluation. Assisted with review of the 2021 GDOT Section 925 and Section 937 product evaluation matrices as well as the 2021 SOP 42 document. Assisted in the development of the GDOT Detection Systems Standard Operating Guide which served as guidelines for performing field evaluations on Traffic Signal and ITS Vehicle Detection Systems.
08/22 – 11/23	Ecology Support Services, Georgia Department of Transportation (GDOT), Atlanta, GA. <i>Digital Lead.</i> Developed portal site and project dashboard for tracking ecologist workload. Project dashboard was developed to provide insights to the client and team leads to help distribute project intake. Dashboard provided a heat map for individual ecologist workload per month which was based on a complexity index for specific project types.
06/23 – 06/24	On-Call Services, Cobb County Department of Transportation, Cobb County, GA. <i>Digital Lead.</i> Responsible for developing a web application that is used by TMC operation staff to track and document their activities and events happening on the freeways and arterials throughout the county.
02/19 – 07/22	Regional Traffic Operations Program (RTOP), Georgia Department of Transportation (GDOT), Atlanta, Georgia. <i>Warehouse Manager.</i> Responsible for procuring equipment orders for RTOP as well as Regional Traffic Signal Operations (RTSO). Read and interpreted signal plans to request quotes from GDOT approved vendors which began the GDOT procurement process. Created GDOT Internal Purchase Request (IPR) process ensuring that GDOT protocol such as Vendor Coding, Traffic Signal Electrical Facilities (TSEF) Contract agreements, NIGP coding, etc. is followed throughout the procurement process. Responsible for placing orders once PO numbers are issued as well as coordinating and receiving the shipments at the GDOT TMC facility utilizing its forklift certification to operate GDOT's equipment. Developed a purchase tracking tracker that was used by the GDOT team to track orders throughout the procurement process and was responsible for keeping the tracker updated for each GDOT procured order. Assisted with delivery/pick up of material or equipment orders at the TMC warehouse. Assisted GDOT with the statewide 4G router deployments by picking up the configured routers from GDOT IT and sorting them for deployment. Prepared OCR (On Call Request) scope documents for state projects on an RTOP level and District level.

Firm employed by.



Name	Michael 'Shane' Blatt, MBA	Years of relevant experience with this employer	6
Title	Principal Communications Manager	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization	MBA / 2014 / Business Administration, University of Georgia BS / 1995 / Journalism, University of Florida		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Public Involvement		
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Blatt is a seasoned communications leader and strategist with significant experience in stakeholder and public engagement, targeted messaging, and information-sharing through digital and print communication channels, including pre-recorded webinars and Microsoft Teams live events. He has worked for or on behalf of large transportation agencies, including the Georgia Department of Transportation (GDOT), Florida Department of Transportation (FDOT), and Metropolitan Atlanta Rapid Transit Authority (MARTA). Previously, he served as executive speechwriter and directed all internal communications as senior public relations manager at Hartsfield-Jackson Atlanta International Airport (ATL).		
	08/18 – 04/19	More MARTA Atlanta, Metropolitan Atlanta Rapid Transit Authority (MARTA), Atlanta, GA. Senior Communications Manager. Responsible for overseeing a six-member communications team in areas of outreach/engagement, messaging, public relations, presentation development, social media, and digital and creative services to regional agencies, including MARTA. Spearheaded communications for More MARTA Atlanta, the city's largest expansion program in 40 years, and coordinated day-to-day meetings and deliverables. Reimagined the monthly electronic newsletter for More MARTA Atlanta to include innovative content, including alternative story forms such as quizzes. Streamlined the team's internal review process, reducing the number of people and time involved for deliverables, resulting in better on-time performance.	
	04/21 – 07/21	MARTA HOPE Program, Georgia Department of Transportation (GDOT), Atlanta, GA. Communications Lead/Project Manager. Responsible for developing messaging that highlighted the human interactions, impacts, and benefits of the MARTA HOPE Program, which aims to address homelessness throughout the transit system. Messaging targeted internal and external stakeholders and included a full page of content for www.itsmarta.com. Organized and designed a print tri-fold brochure and PowerPoint presentation, incorporating MARTA images, fonts, colors, and other branding elements.	
	05/24 – Ongoing	Georgia Commute Options, Atlanta Regional Commission (ARC), Atlanta, GA. Project Manager. Leads the consulting team, consisting of Arcadis and seven subconsultants, for the Georgia Commute Options (GCO) outreach, marketing, and communications program. The GCO program aims to change travel behavior by reducing the number of single-occupant vehicles on metro Atlanta's roadways while promoting clean commute alternatives as part of a multilayered effort to ease traffic congestion and lower vehicle emissions across the region. Based on lessons learned from Year 1 of the 3-year contract, executed an outcomes-centered approach that focused on SMART goals to grow the program and make GCO a household name. Also improved operational efficiencies, quality of deliverables, internal and client communications, and task oversight and documentation.	

06/22 – 08/24	SR 316 Planning Study, Georgia Department of Transportation, Atlanta, GA. <i>Communications and Public Engagement Lead.</i> Responsible for spearheading all communications efforts and stakeholder and public outreach to educate, build awareness for, and solicit feedback on the study's findings and recommendations to improve a 40-mile section of SR 316. Narrated a 20-minute, pre-recorded webinar that consisted of developing talking points, slide decks, supporting visuals, and animations. Coordinated with an internal production team to edit and refine the webinar to optimize high-quality messaging, audio, and video and to incorporate closed captioning.
02/24 – 05/24	Nutrien Remediation Contractor Orientation, Nutrien, United States. <i>Video Production Lead.</i> Responsible for organizing, managing, and narrating a training video focused on the culture of safety at Nutrien, a global leader in the agriculture industry. Video targeted Nutrien's contractors and subcontractors, and it incorporated multiple static images, video clips, and animated graphics and text to amplify important information, including known and unexpected worksite hazards, personal protective equipment requirements, emergency response procedures, and stop work authority protocols.
6/22 – 6/23	I-295 PD&E Study, Florida Department of Transportation (FDOT), Jacksonville, FL. <i>Communications and Public Engagement Lead.</i> Responsible for creating all promotional and informational materials , including a 6-page brochure and pre-recorded webinar , ahead of a hybrid public hearing. Crafted messaging, designed and animated the PowerPoint presentation, built icons and graphics, and narrated a 17-minute webinar that ran on continuous loop during FDOT's public hearing.
11/19 – 7/23	I-285 Westside Express Lanes, Georgia Department of Transportation (GDOT), Atlanta, GA. <i>Communications Lead.</i> Responsible for developing communications strategies and messaging , building PowerPoints, leading internal meetings, coordinating and conducting stakeholder outreach, and responding to public inquiries. Spearheaded all efforts – including social media campaigns, print advertising, press releases, video testimonials, and stakeholder toolkits – ahead of the project's virtual Public Information Open House (PIOH) in early 2021. Organized and moderated a live, virtual chat session with the public that became the eventual blueprint for two other GDOT virtual public meetings.
01/21 – 02/23	Savannah River Crossing Improvement Study, Georgia Department of Transportation (GDOT), Atlanta, GA. <i>Communications Lead.</i> Responsible for developing media relations strategies, press releases, talking points, and FAQs and authoring the executive summary and significant portions of GDOT's Savannah River Crossing Feasibility Study. Served as the communications liaison between GDOT and the Georgia Ports Authority for alignment between the agencies on when – and how – to respond to the news media and public inquiries.
11/19 – 8/20	Dekalb Avenue Complete Street, Georgia Department of Transportation (GDOT), Atlanta, GA. <i>Communications Coordinator.</i> Responsible for coordinating and attending public outreach meetings as well as developing public boards, facts sheets, and FAQs. Served as a liaison between the project team and Renew Atlanta as well as provided strategic insight on media coverage before and after public meetings.
01/16 – 01/18	Hartsfield-Jackson Atlanta International Airport (ATL), Atlanta, GA. <i>Senior Public Relations Manager.</i> Responsible for creating and maintaining a positive image of the world's busiest airport by crafting speeches, presentations, and congressional testimony on behalf of the airport general manager as well as developing talking points for Atlanta's mayor during visits to ATL. Served as chief editor and auditor of atl.com, the airport's public-facing website. Directed all internal communications efforts, including managing and writing for the intranet. In a single year, increased number of published articles by 50 percent. Designed and launched a print version of the intranet, fulfilling critical need to reach employees who lacked computer access (e.g., Maintenance and Security). Created communications plan to raise participation in TSA's PreCheck in which efforts led, in part, to a 53 percent bump in PreCheck enrollment at ATL's sign-up centers.

SECTION 17

Arcadis is experienced in applying the FRA's Highway-Rail Grade Crossing Accident Prediction System (GXAPS) to inform crossing prioritization. We use GXAPS as a supplemental rating tool alongside custom models developed for LADOTD, allowing for a comprehensive and data-driven assessment of risk. Integrating GXAPS results enhances our ability to identify high-priority crossings and supports more effective safety investment and program decision-making for the state.

U.S. Department of Transportation
Federal Railroad Administration

Accident Prediction System (APS)
v 2.0.0.118

Export

Total Incidents	Total Railroads	Annual Average Predicted Accidents	2025 Total Accidents	2024 Total Accidents	2023 Total Accidents	2022 Total Accidents	2021 Total Accidents
2710	23	0.014644	65	69	56	75	57

Predicted Accident Rank	Annual Average Predicted Accidents	Crossing ID	Railroad Code	State	County	City	Street	Yearly Accident Count	Date Change
								25 24 23 22 21	
1	0.999506	303230F	IC	LA	EAST BATON ROUGE	BATON ROUGE	AIRLINE HWY	2 5 0 1 1	
2	0.738418	303165L	IC	LA	ST JOHN THE BAPTIST	LAPLACE	CARDINAL STREET	1 2 1 1 2	
3	0.721983	725180E	NS	LA	ORLEANS	NEW ORLEANS	ST CLAUDE AVENUE	4 1 0 1 0	
4	0.429104	435829M	UP	LA	EVANGELINE	BASILE	MORNING GLORY RD	0 0 1 2 1	
5	0.329503	303169N	IC	LA	ST JOHN THE BAPTIST	LAPLACE	MCREINE ROAD	0 2 0 1 0	
6	0.322441	303166T	IC	LA	ST JOHN THE BAPTIST	LAPLACE	WALNUT STREET	2 0 0 1 0	
7	0.320567	301813U	IC	LA	WASHINGTON	BOGALUSA	SUPERIOR AVE	0 1 0 0 2	
8	0.319650	302503D	KCS	LA	OUACHITA	MONROE	OAK ST	0 1 0 0 2	10/2025
9	0.318324	302505S	KCS	LA	OUACHITA	MONROE	DESIARD STREET	1 2 0 0 0	
10	0.316441	303221R	IC	LA	EAST BATON ROUGE	BATON ROUGE	PLANK ROAD	0 0 0 0 3	
11	0.228228	725154P	NS	LA	ST TAMMANY	SLIDELL	GAUSE ROAD	1 1 0 0 0	03/2021
12	0.226959	335433H	KCS	LA	EAST BATON ROUGE	BATON ROUGE	CHOCTAW DRIVE	1 0 0 0 1	
13	0.225354	335465N	KCS	LA	EAST BATON ROUGE	BATON ROUGE	ESSEN LANE	0 0 1 1 0	

GXAPS - FRA Accident Prediction Tool

View Data By
☒ Total Incidents
☐ Fatal Incidents
☐ Injury Incidents
☐ Crossing ID

Rank	Grade Crossing ID	State Name	County Name	City Name	Total Incidents	Fatal Incidents	Total Fatalities	Injury Incidents	Total Injuries
Grand Total					285	11	12	101	136
1	303230F	LOUISIANA	EAST BATON ROUGE	BATON ROUGE	8	0	0	1	0
2	725180E	LOUISIANA	ORLEANS	NEW ORLEANS	6	0	0	1	1
3	725759B	LOUISIANA	ST BERNARD	CHALMETTE	5	0	0	2	3
4	303165L	LOUISIANA	ST JOHN THE BAPTIST	LAPLACE	5	1	1	2	2
5	302505S	LOUISIANA	OUACHITA	MONROE	3	0	0	0	0
6	435829M	LOUISIANA	EVANGELINE	BASILE	3	0	0	0	0
7	303166T	LOUISIANA	ST JOHN THE BAPTIST	LAPLACE	3	0	0	1	1
8	303169N	LOUISIANA	ST JOHN THE BAPTIST	LAPLACE	3	1	1	0	0
9	302948D	LOUISIANA	EAST BATON ROUGE	BATON ROUGE	2	0	0	0	0
10	303238U	LOUISIANA	EAST BATON ROUGE	BATON ROUGE	2	0	0	0	0
11	303244X	LOUISIANA	EAST BATON ROUGE	BATON ROUGE	2	0	0	0	0
12	329054H	LOUISIANA	CALCASIEU	STARKE	2	0	0	0	0
13	335465N	LOUISIANA	EAST BATON ROUGE	BATON ROUGE	2	0	0	0	0
14	448184T	LOUISIANA	IBERVILLE	PLAQUEMINE	2	0	0	0	0
15	464822J	LOUISIANA	JEFFERSON	JEFFERSON	2	0	0	0	0
16	725859F	LOUISIANA	ST BERNARD	CHALMETTE	2	0	0	0	0
17	768106U	LOUISIANA	CALCASIEU	WESTLAKE	2	0	0	0	0
18	794159L	LOUISIANA	NATCHITOCHES	CHOPIN	2	0	0	0	0
19	794399T	LOUISIANA	CADDO	SHREVEPORT	2	0	0	0	0
20	968261M	LOUISIANA	EAST BATON ROUGE	BATON ROUGE	2	0	0	0	0
21	300195M	LOUISIANA	TANGIPAHOA	TICKFAW	2	0	0	2	4
22	334832R	LOUISIANA	RED RIVER	COUSHATTA	2	0	0	2	4
23	302904D	LOUISIANA	EAST BATON ROUGE	SCOTLANDVILLE	2	0	0	2	3
24	758207D	LOUISIANA	CADDO	SHREVEPORT	2	0	0	2	3
25	303099B	LOUISIANA	ST JAMES	LUTCHER	2	0	0	2	2
26	725154P	LOUISIANA	ST TAMMANY	SLIDELL	2	0	0	1	2
27	794363K	LOUISIANA	CADDO	GREENWOOD	2	0	0	1	2
28	302510N	LOUISIANA	OUACHITA	MONROE	2	0	0	1	1
29	303194V	LOUISIANA	ST JAMES	LUTCHER	2	0	0	1	1
30	725713M	LOUISIANA	JEFFERSON	METAIRIE	2	0	0	1	1
31	744177X	LOUISIANA	IBERIA	NEW IBERIA	2	0	0	1	1

Calendar Year/Fiscal Year
 Calendar Year
 Year
 (Multiple values)
 Month
 (All)
 State Name
 (LOUISIANA)
 County Name
 (All)
 City Name
 (All)
 Highway Name
 (All)
 Railroad
 (All)
 Parent Railroad
 (All)
 Railroad Class
 (All)
 Railroad Holding Company
 (All)
 FRA Safety Management T
 (All)

FRA Reported Louisiana Casualties Tool

Firm name			Past Performance Evaluation Discipline(s)*	Data Collection, Other (GIS and Technology Services)
Project name	Enterprise LRS Implementation of Esri Roads and Highways		Firm responsibility (prime or sub?)	Prime
Project number	4400005404	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Statewide, LA		Owner's Project Manager	Jason Chapman, PE (former LADOTD)
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802, (225) 379-1445, Trey.Jesclard@LA.GOV			
Services commenced by this firm (mm/yy)	07/15	Total consultant contract cost (\$1,000's)		\$3,000
Services completed by this firm (mm/yy)	06/18	Cost of consultant services provided by this firm (\$1,000's)		\$2,500

Firms Members: David Ward, Jennifer Berthiaume, Adrien Litton, Akhil Chauhan

Firms Role: Over the course of 7 task orders, Arcadis conducted a needs assessment, design, and implementation of a statewide linear referencing system using Esri Roads and Highways. In Task 1, Arcadis conducted discovery meetings with various departments within **LADOTD to determine the existing conditions and future desired needs of the agency.** After the meetings concluded, the notes from each department were evaluated and compared to construct a list of eight core business requirements that would drive the implementation project. As Arcadis began monitoring the progress of the overall project through an Agile project management style, these eight requirements became “epic stories” from which individual user stories were developed.

The focus of Task 3 was refinement of the **custom data model and multiple trial runs of data migration.** Custom ModelBuilder geoprocessing scripts were developed to **more accurately and efficiently locate source data along the statewide route network, and events were processed through these models to evaluate the outcome and document potential data standardization** and quality issues that needed to be addressed.

In Task 4, Arcadis guided the actual implementation and formal migration process over a three-month timeframe. The route network was once again produced, this time using a highly-cleaned dataset that had been specifically prepped for Roads and Highways. Events were processed through the custom ModelBuilder scripts, located on the route network, **evaluated for quality control, and assessed for final data corrections.** A total of 18 custom RCE web sites were developed to LADOTD's specifications to provide event editors with the **most user-friendly and targeted editing environments possible.** The successful completion of items within Task 4 directly resulted in the ability for LADOTD to “go-live” with the enterprise Roads and Highways solution. **Arcadis received a 4.5/5 Performance Rating for this project. The statewide average was no more than 3.3!**

“This consultant went above and beyond any previous GIS specific contracts we’ve dealt with. Any lowered ratings were usually due to software limitations and development issues. We recommend this consultant for any future work for DOTD.” – Jason Chapman, LADOTD PM

Relevant Services

- DOTD GIS & IT Support Services
- Data Collection and Migration
- Data Extract, Transform, and Load (ETL)
- Technology Services
- Roads and Highways LRS Systems Implementation and Integration



17 FIRM EXPERIENCE:

Firm name	 ARCADIS	Past Performance Evaluation Discipline(s)*	Other (Railroad), Traffic, Planning, Data Collection
Project name	On-Call Professional Services Railroad Crossing Safety Program		Firm responsibility (prime or sub?) Prime
Project number	TOOUT1800736; TOOUT2301230; TOOOURX130526	Owner's name	Georgia Department of Transportation (GDOT)
Project location	Statewide, GA	Owner's Project Manager	Jason Mobley
Owner's address, phone, email	600 West Peachtree St., N.W., 10th Floor, Atlanta, GA 30308, (404) 293-8355, jmobley@dot.ga.gov		
Services commenced by this firm (mm/yy)	02/14	Total consultant contract cost (\$1,000's)	\$10,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$8,000

Firms Members: DoriAnn Clayton, Jim Tolson, Brandon Thomas, Doug Tilt, Mason Hodges, Kester Hollier

Arcadis has served as a key program delivery partner to the Georgia Department of Transportation (GDOT) for statewide Railroad Crossing Safety since 2014, under a *series of consecutive on-call professional services contracts*. Through these engagements, Arcadis has supported both the Federal Section 130 Program and subsequent railroad initiatives, *advancing safety, data integrity, and programmatic efficiency* for public at-grade railroad crossings across Georgia.

Scope of Services and Achievements: Across both contracts, Arcadis performed safety analyses and recommended improvements for over 2,000 public grade crossings statewide, including locations on CSX, Norfolk Southern, Georgia Northeastern Railroad (GNRR), Georgia Southern Railway Company (GS), and numerous Class III short line railroads. Each evaluation included *comprehensive site assessments—documenting existing assets, operational analysis, traffic and train volumes, and highway/rail geometry*—to identify deficiencies and propose targeted safety improvements. Our work included independent road safety audits, diagnostic reviews, and the development of formal reports supporting Federal Section 130 requirements.

A central aspect of our role was the creation and continuous enhancement of GDOT's *railroad safety data environment*. Arcadis *reviewed and updated state and federal software databases*, including the FRA Grade Crossing Inventory System (GCIS), GDOT's retired Railroad Management System (RRMS), and the Georgia Rail Assessment Inventory and Location System (G.RAILS). Our team formalized reporting forms, streamlined evaluation phases, and *implemented processes for efficient data collection, verification, and transition from evaluation to implementation*. This robust, data-driven approach supported improved project prioritization and program transparency.

Stakeholder Coordination and Implementation: Extensive *coordination with federal and local agencies, rail owners, and various State in-house offices* was a key element of this work. Arcadis *facilitated stakeholder meetings, communicated safety recommendations, and fostered a unified approach to project delivery*. We coordinated with GDOT to bundle safety improvements with other transportation programs, and managed both Force Account Agreements and State Let projects, overseeing the complete project lifecycle from cost estimating and programming to right-of-way, utility, and environmental certifications, through construction-phase coordination.

This project demonstrates Arcadis' ability to manage complex railroad crossing inventories, enhance data quality and compliance, and facilitate the collaboration necessary for effective statewide safety programs—capabilities directly aligned with the requirements of LADOTD's Data & Inventory contract.

Relevant Services

- Site Evaluations
- Safety Analysis
- Stakeholder Coordination
- Data and Inventory Management

Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Other (Railroad), Traffic, Planning, Data Collection
Project name	ALDOT Section 130 Program of Safety Projects - Railroad Crossing Safety Improvements	Firm responsibility (prime or sub?)	Prime
Project number	# 2619	Owner's name	Alabama Department of Transportation (ALDOT)
Project location	Statewide, AL	Owner's Project Manager	Donald Lovelace
Owner's address, phone, email	4711 Governors House Dr SW, Huntsville, AL 35805, (334) 353-6554, lovelaced@dot.state.al.us		
Services commenced by this firm (mm/yy)	02/17	Total consultant contract cost (\$1,000's)	\$250
Services completed by this firm (mm/yy)	04/23	Cost of consultant services provided by this firm (\$1,000's)	\$250

Firm Members Involved: Douglas Tilt, Jim Tolson, DoriAnn Clayton, Brandon Thomas

Arcadis was responsible for performing fifty at-grade railroad crossing diagnostic reviews identified as highest priority crossings in the state of Alabama. These reviews required extensive *collaboration with local governing personnel, railroad representatives, and State transportation officials* to ensure accurate asset data, compliance with federal and state standards, and effective project coordination. Multiple diagnostics were scheduled within a day, *streamlining field data collection and enabling timely updates to crossing inventories*.

For each crossing, Arcadis conducted thorough *field assessments and validated inventory information*, integrating findings into Railroad Safety Improvement Analysis reports. Recommendations were developed for safety improvements in accordance with current ALDOT, MUTCD, and Railroad guidelines, and included updates to warning device status, traffic control devices, and signing/pavement markings. Arcadis provided cost estimates, facilitated railroad owner agreement coordination, and supported FHWA funding requests, *all while ensuring inventory data was accurate and compliant for federal reporting*. Local agency maintenance agreements were also established with ALDOT, requiring detailed stakeholder coordination, documentation, and cost estimating for final Federal Highway approval.

This project demonstrates Arcadis' ability to combine data validation, compliance, stakeholder engagement, and reporting—core requirements for successful delivery of the Data & Inventory Statewide contract.

Relevant Services

- Field Inspections
- Cost Estimating
- Railroad Safety Improvement Analysis

The form is titled "ALABAMA DEPARTMENT OF TRANSPORTATION RAIL-HIGHWAY DIAGNOSTIC REVIEW FORM". It includes sections for Railroad Data, Existing Warning Devices, and a detailed sketch of the crossing. The form also features a table for crossing data and a section for the project manager's signature.

RAILROAD DATA

Item	Response
1. Railroad Name	Alabama Department of Transportation
2. Railroad Number	039415X
3. Railroad Type	State
4. Railroad Class	Class 1
5. Railroad Status	Active
6. Railroad Location	Statewide
7. Railroad Description	Statewide
8. Railroad Contact	Statewide
9. Railroad Notes	Statewide

EXISTING WARNING DEVICES

Item	Response
1. Advance Warning Signs	Statewide
2. Stop Signs	Statewide
3. Stop Ahead Signs	Statewide
4. "No Passing" - "Passing" Signs	Statewide
5. "No of Travel" Signs	Statewide
6. Crossbucks	Statewide
7. R & R Placement markings	Statewide
8. Stop Bar	Statewide
9. Double Yellow	Statewide
10. Supplemental Highway Traffic Signs	Statewide

Sketch of Right Distance and Existing Conditions

The sketch shows a railroad crossing with a highway. It includes a north arrow and a scale bar. The sketch is labeled "Sketch of Right Distance and Existing Conditions".

Table for Crossing Data

Item	Response
1. Crossing Name	Statewide
2. Crossing Number	Statewide
3. Crossing Type	Statewide
4. Crossing Class	Statewide
5. Crossing Status	Statewide
6. Crossing Location	Statewide
7. Crossing Description	Statewide
8. Crossing Contact	Statewide
9. Crossing Notes	Statewide

Project Manager's Signature

The form includes a section for the project manager's signature, with a line for the signature and a line for the name.

Railroad Safety Improvement Analysis reports were provided for each crossing reviewed.

17 FIRM EXPERIENCE:

Firm name		Past Performance Evaluation Discipline(s)*	Data Collection, Other (GIS, Technology Services)
Project name	LADOA: LADOTD Statewide IT Staffing Support		Firm responsibility (prime or sub?) Prime
Project number	30288741	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	Baton Rouge, LA	Owner's Project Manager	Trey Jesclard, PE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802, (225) 379-1445, Trey.Jesclard@LA.GOV		
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)	\$20,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$20,000

Firms Members: David Ward, Jennifer Berthiaume, Alison Mynsberge, Adrien Litton, Jared Andre, Devon Elcik, Akhil Chauhan

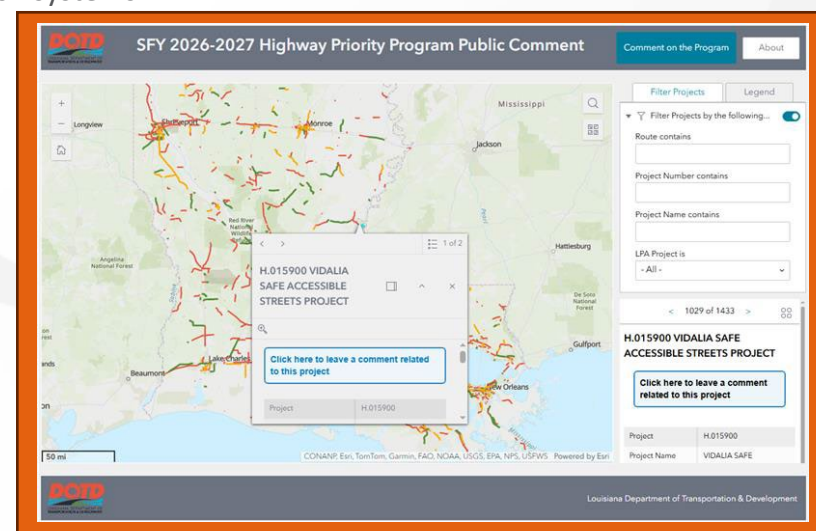
Firms Role: Arcadis and Louisiana Department of Transportation and Development (LADOTD) have partnered together to **enhance the GIS, digital, and technology capabilities of the Department**. Arcadis is providing embedded and remote technical staff that are operating as an extension of existing LADOTD staff capabilities to perform the day-to-day activities of the Department. Arcadis staff are designing, developing, and implementing business system integration profiles for Deighton's dTIMS pavement management system, Agile Assets enterprise asset management system, MS2 traffic analysis system, and CARTS/LSU safety and crash systems with Esri's Roads and Highways Linear Referencing System (LRS).

Arcadis is supporting the Department's annual HPMS and CPM **reporting requirements to FHWA through enterprise data management and analytical routines**. Arcadis is assisting the administration and development of **enterprise database systems, data quality, and data distribution regimes for the Departments most critical business functions**. Arcadis is developing tools, applications, and web visualization and reporting applications to aggregate, analyze, and disseminate the Department's business data.

Arcadis is tasked with the administration and enhancement of Esri's System of Engagement (SoE) program that manages and distributes all geospatial information across the Department using SAFE Software's Feature Manipulation Engine (FME) platform, python scripts, and other ETL methodologies. **Arcadis staff are responsible for the migration of the Department's paper cartographic products into modern web and digital technologies for easier maintenance, management, and distribution of these important functions**. The Arcadis team is ultimately responsible for the enhancement and management of the Department's road inventory systems, topographic systems including imagery and LiDAR products, asset management information, safety systems, planning functions, and enterprise data analytics, reporting, and dissemination.

Relevant Services

- LADOTD GIS & IT Support Services
- Railroad Crossings Digital Inventory
- Technology Services
- Roads and Highways LRS Systems Integration
- Feature Manipulation Engine (FME) Workflows
- HPMS Federal Reporting Support
- Crash Safety



Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Other (Railroad), Data Collection, Road, CEI/OV, Environmental
Project name	CSX General Engineering Contract (GEC) On-Call		Firm responsibility (prime or sub?) Prime
Project number	Various	Owner's name	CSX Transportation
Project location	Nation-wide (USA) and Ontario and Quebec, Canada	Owner's Project Manager	Ed Sparks
Owner's address, phone, email	500 Water Street, Jacksonville, Florida 32202, 904. 359. 1832, edward_sparks@csx.com		
Services commenced by this firm (mm/yy)	05/01	Total consultant contract cost (\$1,000's)	\$8,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$8,000

Firm Members Involved: Sean Markey

For more than 30 years, Arcadis has been serving the North American railroad industry. We currently serve all six Class I rail roads and multiple short-lines and have completed more than 10,000 projects for our rail clients. This project is just one sample. Since 2001, we have been honored with multiple CSX awards of excellence.

Arcadis holds an On-Call GEC services contract for CSX operating rail network of 21,000 miles in 23 states, District of Columbia, and Canadian provinces of Ontario and Quebec. We have worked on a variety of projects including **permitting, design, surveying, data collection, construction, engineering inspection, public support services, and program/construction management.**

As part of the GEC contract, we provided embedded support to CSX to support maintenance of **CSX's crossing inventory systemwide** from 2019 until the database management was brought in-house as part of an internal reorganization in the fall of 2025. Additionally, we provided flagger scheduling in the northeastern United States during a similar timeframe.

In addition to CSX rail line expansion projects completed, we have served as program manager for CSX interests with outside parties providing programmatic reviews of project designs that impact CSX facilities/operations, developed agreements to implement projects, and provided implementation oversight.

We have coordinated projects and interfaced with public/private sector organizations/agencies. We also hold On-Calls with CSX Intermodal and CSX Environmental.

**Relevant Services**

- CSX/DOT Coordination
- Track/Structures/Facilities Design
- Crossing Inventory Maintenance
- Plan Review
- Project Management
- Permitting
- Surveying
- Engineering Inspection
- Asset Management
- Real Estate Services

SECTION 18

Arcadis' automated integration workflow synchronizes data between LADOTD and the Tavla RIMS database through a structured pull-transform-push process, ensuring accurate, up-to-date railroad crossing information. By combining datasets, enriching attributes from multiple sources, filtering for relevant public railroads, and implementing built-in change detection and quality control triggers, this approach delivers a continuously validated, authoritative dataset that supports informed decision-making and system-wide consistency.

```

# session.verify = False

# =====
# LOGIN
# =====
# create a session object that maintains our connection details with the site
session = requests.Session()
# set the sessions certificate for future handshakes
session.verify = certifi.where()

resp = session.get(LOGIN_URL)
# the RIMS site requires an additional token generated when the site is opened
# We hit the site to get an html document back, this contains the CSRFmiddlewaretoken
# BeautifulSoup helps skim the document to find the value
soup = BeautifulSoup(resp.text, "html.parser")
csrf = soup.find("input", {"name": "csrfmiddlewaretoken"})["value"]

# construct our login package for validation
login_payload = {
    "username": USERNAME,
    "password": PASSWORD,
    "csrfmiddlewaretoken": csrf
}

# Post the login credentials, any uses of session after this should retain the
# necessary tokens for successful get/post/etc calls
session.post(
    LOGIN_URL,
    data=login_payload,
    headers={"Referer": LOGIN_URL}
)

# =====
# INITIAL REQUEST (for pagination info)
# uses the results to
# =====
initial = session.get(
    SEARCH_URL,
    params={"search": json.dumps(SEARCH_CRITERIA)}
).json()

results = initial.get("results", [])
total_count = initial.get("count", len(results))
page_size = len(results)

total_pages = (total_count // page_size) + (1 if total_count % page_size else 0)

```

```

password = Password
username = Username
client_id = CID
client_secret = Secret

# =====
# GET CROSSING INFO (crossing_id) (client_id, client_secret)
# =====
url = "https://test.tavla.com/railcrossings/"
# =====
# POST LOGIN (POST) (url, fields={"grant_type": "password", "username": username, "password": password, "grant_type": "password", "client_id": client_id, "client_secret": client_secret})
# =====
result = r.content.decode('utf-8')
parsed_json = json.loads(result)
token = parsed_json["access_token"]
print(token)

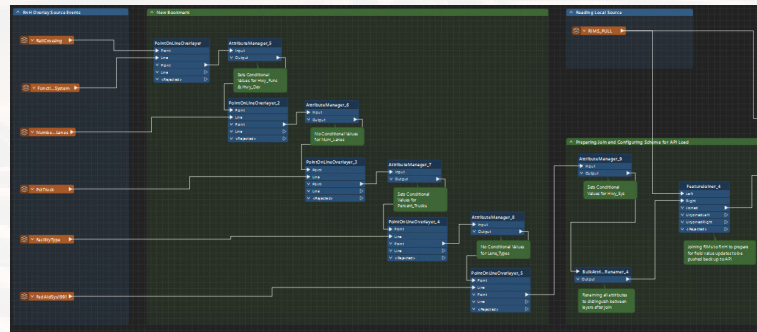
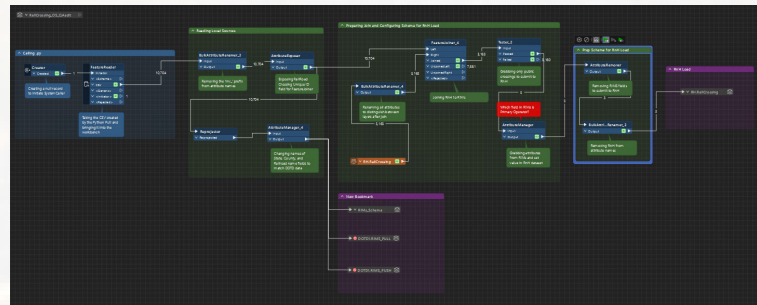
http = urllib.PoolManager()
headers = {'Authorization': 'Bearer ' + token}

for
    payload = json.loads(f)

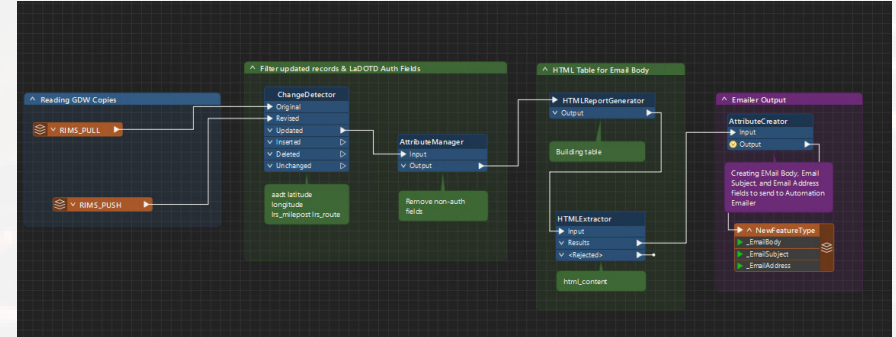
r = requests.post(url, data=payload, headers={'Authorization': 'Bearer ' + token})
# =====
# GET CROSSING INFO (GET) (url, headers=headers)
# =====
result = r.json()

# Check the response
if r.status_code == 201:
    print("POST request successful")
    print(r.json())
else:
    print(r.status_code)

```



crossing	id	id_state_highway	number	hrs_route	hrs_milepost	crossing_type	private_public_access	adot	highway_system
https://test.tavla.com/railcrossings/	TRUE	250102	022-03-100	95.000000	2	3	4000	3	4000
https://test.tavla.com/railcrossings/	FALSE	250103	1-7904-17	0.330000	2	3	200	3	200
https://test.tavla.com/railcrossings/	FALSE	250104	1-7904-17	0.000000	2	3	200	3	200
https://test.tavla.com/railcrossings/	TRUE	250105	022-04-100	1.840000	2	3	8000	3	8000
https://test.tavla.com/railcrossings/	TRUE	250106	004-05-100	0.000000	2	3	800	3	800
https://test.tavla.com/railcrossings/	FALSE	250107	1-0000-17	0.000000	2	3	800	3	800
https://test.tavla.com/railcrossings/	TRUE	250108	053-35-100	0.000000	2	3	5000	3	5000
https://test.tavla.com/railcrossings/	TRUE	250109	003-02-100	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	TRUE	250110	203-04-100	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250111	1-0000-17	0.000000	2	3	200	3	200
https://test.tavla.com/railcrossings/	FALSE	250112	1-0000-17	0.000000	2	3	400	3	400
https://test.tavla.com/railcrossings/	TRUE	250113	270-03-100	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250114	277-01-100	0.000000	2	3	4000	3	4000
https://test.tavla.com/railcrossings/	FALSE	250115	1-0000-17	0.000000	2	3	100	3	100
https://test.tavla.com/railcrossings/	FALSE	250116	1-0000-17	0.000000	2	3	400	3	400
https://test.tavla.com/railcrossings/	FALSE	250117	1-0000-17	0.000000	2	3	400	3	400
https://test.tavla.com/railcrossings/	FALSE	250118	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250119	003-02-100	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250120	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250121	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250122	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250123	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250124	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250125	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250126	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250127	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250128	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250129	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250130	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250131	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250132	1-0000-17	0.000000	2	3	2000	3	2000
https://test.tavla.com/railcrossings/	FALSE	250133	1-0000-17	0.000000	2	3	2000	3	2000
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Project Understanding & Team

Arcadis is honored to have been selected by LADOTD to lead the Statewide Railroad Safety IDIQ contract, reflecting our expertise and commitment to advancing railroad safety across Louisiana. With this proposal for the RR Safety: Data & Inventory Statewide contract, Arcadis offers LADOTD the opportunity to further enhance the efficiency, consistency, and impact of its railroad safety program by blending both complementary initiatives within a single, integrated team.

Should Arcadis be selected, LADOTD will benefit from:

- **Seamless Integration:** Direct alignment between engineering and safety initiatives under the IDIQ contract and the statewide crossing inventory management and prioritization efforts outlined in this proposal.
- **Consistent Data Standards:** Unified project leadership will ensure that data used for safety decisions is accurate, current, and fully compliant with federal requirements.
- **In-depth and Explicit Experience in LADOTD's Enterprise GIS and Railroad Datasets:** We implemented your enterprise linear referencing system (LRS) and crafted the current integration paradigms between LRS and the Railroad Inventory Management System (RIMS). Our team is actively leveraging LADOTD statewide imagery for feature extraction of signs, lights, pavement markings, and other assets. This project will benefit from our experience managing the LRS information for AADT, Truck percentages, and other critical performance data in annual Highway Performance Monitoring Systems (HPMS) reports to the Federal Highways Administration (FHWA).
- **Streamlined Stakeholder Engagement:** A single Arcadis team managing both contracts will simplify communication for LADOTD, its partners, and the public.

Arcadis has assembled a team of recognized leaders in both railroad safety engineering and data systems management. For this proposal, **Jennifer Berthiaume, GISP** will serve as Project Manager, bringing deep expertise in digital technology solutions for engineering and transportation data programs—including over a decade working with LADOTD Section 21 (Data Collection & Management Systems). She will be supported by **Kester Hollier, PE, PTOE**—the Project Manager for LADOTD's Statewide Railroad Safety IDIQ contract—who will serve as Deputy Project Manager for the Data & Inventory contract. Arcadis also brings extensive

experience performing similar data driven safety improvements and inventory field conditions that lead to implementing improvements in Georgia and Alabama

This leadership structure will provide:

- **Strategic Integration:** Jennifer's focus on data systems and inventory management will be directly supported by Kester's knowledge of Louisiana's railroad safety landscape and the objectives of the IDIQ contract.
- **Continuity and Collaboration:** Involving key leaders across both contracts will ensure LADOTD's program goals are consistently met, and that knowledge and insights are seamlessly shared between teams.
- **Comprehensive Expertise:** Arcadis offers LADOTD a uniquely qualified team able to bridge technical, operational, and regulatory requirements, positioning the program for long-term success.

By selecting Arcadis for both contracts, LADOTD would leverage a trusted partner capable of delivering a fully integrated, action-oriented approach to railroad safety and data management, with leadership that understands both the big picture and the critical details.



Project Experience

Arcadis brings extensive experience managing, verifying, and enhancing statewide railroad crossing inventory and data systems. **Since 2014, our team has supported state DOTs by evaluating and maintaining inventories for over 2,000 public grade crossings, reconciling state and federal data, and implementing robust processes for data accuracy and compliance.** We have utilized platforms such as the Federal Railroad Administration (FRA) Grade Crossing Inventory System (GCIS) and custom GIS tools to document, validate, and improve crossing data, ensuring a reliable foundation for safety initiatives and effective program decision-making. Additionally, Arcadis has been instrumental in developing and implementing modern data standards at LADOTD, with a deep bench of GIS analysts and developers who are familiar with LADOTD's enterprise architecture structure, LRS, and mobile and web application capabilities.



Summary of Approach

Our approach is designed to provide LADOTD with a coordinated, data-driven foundation for making informed investments in railroad safety,

maximizing program value, and supporting a safe, modern transportation network. Our approach includes:

- **Existing Conditions:** Review the scope, scale, and currency of existing LADOTD and FRA data, systems, and processes related to railroad safety.
- **Desired Conditions:** Identify requirements for LADOTD data, systems, and processes to meet compliance, to perform prioritization and modeling, to support stakeholder engagement, and to meet federal reporting requirements.
- **Gap Analysis:** Develop systematic and repeatable methodologies to identify and resolve discrepancies between existing data, systems, and processes and desired outcomes.
- **Recommendations:** Inventory recommended actions, tools, applications, reports, and data mitigation strategies (desktop and/or field validation) to achieve the desired condition.
- **Implementation:** Execute prioritized actions to resolve discrepancies and develop functionality within mobile and desktop applications that leverage the enterprise data for advanced analytics.
- **Stakeholder Engagement, Reporting, and Continuous Improvement:** Coordinate between public-private partnerships, training, public engagement, and develop automated reporting.



Data Inventory Review & Compliance

Arcadis delivers a proven, systematic approach to data inventory review and compliance, drawing from our success on similar statewide programs, most notably with the GDOT Railroad Crossing Safety Program. Our methodology is designed to ensure that LADOTD's railroad crossing inventory is not only accurate and compliant with FRA requirements, but also a powerful tool for prioritization and program transparency.

- **Comprehensive Inventory Assessment.** We begin by thoroughly evaluating existing LADOTD and FRA inventory data, benchmarking each data field in the schemas against the latest federal standards and operational needs. Our team's experience with the GDOT program has demonstrated the value of detailed data cleansing and verification. For example, we identified and rectified "forgotten" crossings within the FRA system—locations where no train traffic was present but which remained listed in the inventory—ensuring these were correctly categorized and not prioritized inappropriately for safety funding.
- **Data Reconciliation & Discrepancy Resolution.** Arcadis specializes in data reconciliation at both state and federal levels. In Georgia, we led efforts to:

- **Update crossing types (public/private)** for accurate federal reporting and program eligibility.
- **Correct warning device records**, distinguishing between passive and active devices to better reflect real crossing conditions and ensure compliance with MUTCD standards.
- **Remove or update active warning devices and signage** to match actual field conditions, improving the accuracy of information available to road users.
- **Refine crossing coordinates** and highway system designations, ensuring geospatial consistency for mapping and analysis.
- **Regularly update traffic data**, including AADT and school bus routing, achieving a more complete and actionable dataset for safety prioritization.

This hands-on experience enables us to quickly identify similar data challenges in Louisiana, working collaboratively with LADOTD and rail partners to resolve discrepancies and maintain up-to-date inventory records.

- **Compliance and Ongoing Verification.** Arcadis implements continuous monitoring of FRA requirements and best practices, ensuring that inventory updates reflect the latest federal guidance. Our team routinely reconciles state and federal datasets, including integration and review of the FRA Blocked Crossing data and FRA Highway-Rail Grade Crossing Incident data, to provide a comprehensive picture of crossing performance and public impact. As demonstrated in Georgia, leveraging these FRA datasets in our proactive data management approach has resulted in more reliable inventories and improved prioritization of safety investments.
- **Results for LADOTD.** By leveraging lessons learned and best practices from our GDOT program, Arcadis will help LADOTD maintain a railroad crossing inventory that is accurate, comprehensive, and aligned with both state and federal priorities. With our successful implementation and continued management of the enterprise LRS in Esri Roads and Highways at LADOTD, we will ensure that all railroad crossings are geospatially tied to the correct route and measure on the network. This level of data stewardship directly supports effective project prioritization, compliance, and a safer experience for Louisiana's road users.



Database Integration & Applications

Our team will utilize existing LADOTD infrastructure and licensing to develop Extract, Transform, and Load (ETL) processes for data integration, as well as Esri technologies for LADOTD-hosted applications and toolsets. The existing enterprise GIS and LRS will support the management of

railroad crossing data. Our solutions will be 100% owned by LADOTD and will not require additional licensing, hardware, or software, nor third-party maintenance or hosting fees. By building on LADOTD's current infrastructure, our toolsets can be field-deployable within the LADOTD tenant, ensuring managed security for authorized users. Additionally, operating within the LADOTD environment allows us to rely on established IT database, backup, and disaster recovery protocols.



Data Collection & Verification

Our team utilizes a multi-layered strategy for data collection and verification, proven successful on statewide programs at LADOTD and other DOTs. We begin by conducting comprehensive data mining across state and federal databases, supplemented by outreach to railroad partners and local agencies for additional data when needed. We will use LADOTD's statewide imagery and LiDAR datasets to refine and verify the data inventory for efficient statewide asset validation. Where imagery is lacking or discrepancies are found, targeted field visits will be conducted to confirm physical conditions and capture missing details. This approach will enable us to identify and correct crossings and update key attributes such as warning device status, signage, and crossing type.



Prioritization & Modeling

Arcadis excels at developing and refining prioritization models for railroad safety programs, leveraging proven methodologies and advanced analytics. In Georgia, our team applies the Peabody-Dimmick formula to comprehensively assess hazard risk, integrating factors such as roadway and train volumes, warning device type, passenger rail, school bus use, and crash history. We further strengthened our approach by comparing these results with the FRA's Grade Crossing Accident Prediction System (GXAPS), allowing us to identify crossings that are flagged as high-risk in both systems—so-called “double threat” locations—where intervention can deliver the greatest safety impact.

For vertical profile evaluation, Arcadis will implement the use of LiDAR data provided by LADOTD to assess crossing geometry and potential clearance risks. This dataset will supplement our corridor-level reviews and ensure that resources are targeted to crossings with both operational and geometric risk factors. Throughout the process, we dynamically incorporate additional criteria such as AADT, truck percentage, and historical incidents, ensuring that prioritization is data-driven, transparent, and responsive to LADOTD's evolving program needs.



Stakeholder Engagement & Training

Effective stakeholder engagement is at the heart of Arcadis's delivery model. Our experience with GDOT's Section 130 and Short Line

programs demonstrates our ability to facilitate coordination across federal, state, local, and private partners. We organize and lead public meetings, provide technical presentations, and prepare user-friendly informational materials.

Our team will deliver comprehensive training to LADOTD and railroad personnel, including in-person sessions, webinars, and detailed user guides, ensuring that all stakeholders can confidently use new applications and contribute to data quality and program success.



Federal Reporting

Arcadis is highly experienced in supporting federal compliance and reporting for railroad safety programs. We have managed regular data submissions to the FRA GCIS, ensured data alignment with federal Highway-Rail Grade Crossing Incident records, and addressed discrepancies between state and federal datasets. Our team prepares and formats all required reports, leveraging automation wherever possible to ensure timely, accurate submissions that maintain funding eligibility and regulatory compliance.

As another example, Arcadis has remained current with changes to the FHWA annual Highway Performance Monitoring System (HPMS) requirements and continues to align LADOTD's enterprise data schema and road network to updated FHWA standards. We have worked closely with Section 21 to train and equip staff to use QA/QC processes, automated workflows, and quality-controlled data outputs to submit accurate and timely federal reports.



Quality Assurance & Deliverables

Our quality assurance processes are rooted in lessons learned from delivering over 2,000 crossing evaluations for GDOT and other clients. We implement rigorous QA/QC protocols for all electronic deliverables, including multi-tiered review of data, system security audits, and thorough documentation of all updates and changes.

Arcadis has a long and successful history of working directly in LADOTD's enterprise development, test, and production environments—ensuring that any new dataset or workflow process has been thoroughly vetted before deployment. Arcadis utilizes a variety of tools to ensure quality control and quality assurance, including data cleansing and automation within LADOTD's Feature Manipulation Engine (FME) platform—Form and Flow—by incorporating python scripts, geospatial analytical tools, and consuming Application Programming Interfaces (APIs) from external systems. In fact, one of our most recent FME workbench deployments at LADOTD was developed to initiate the process for extracting rail crossing data from

Tavla Solutions RIMS database via an API and appending it to LADOTD’s authoritative rail crossing data.



Innovation & Continuous Improvement

Arcadis is committed to digital innovation and continuous improvement across all aspects of program delivery. We have pioneered the use of interactive GIS_dashboards, automated prioritization models, and digital project tracking tools—such as our enhancements to the TRaCK Interface—on GDOT contracts.

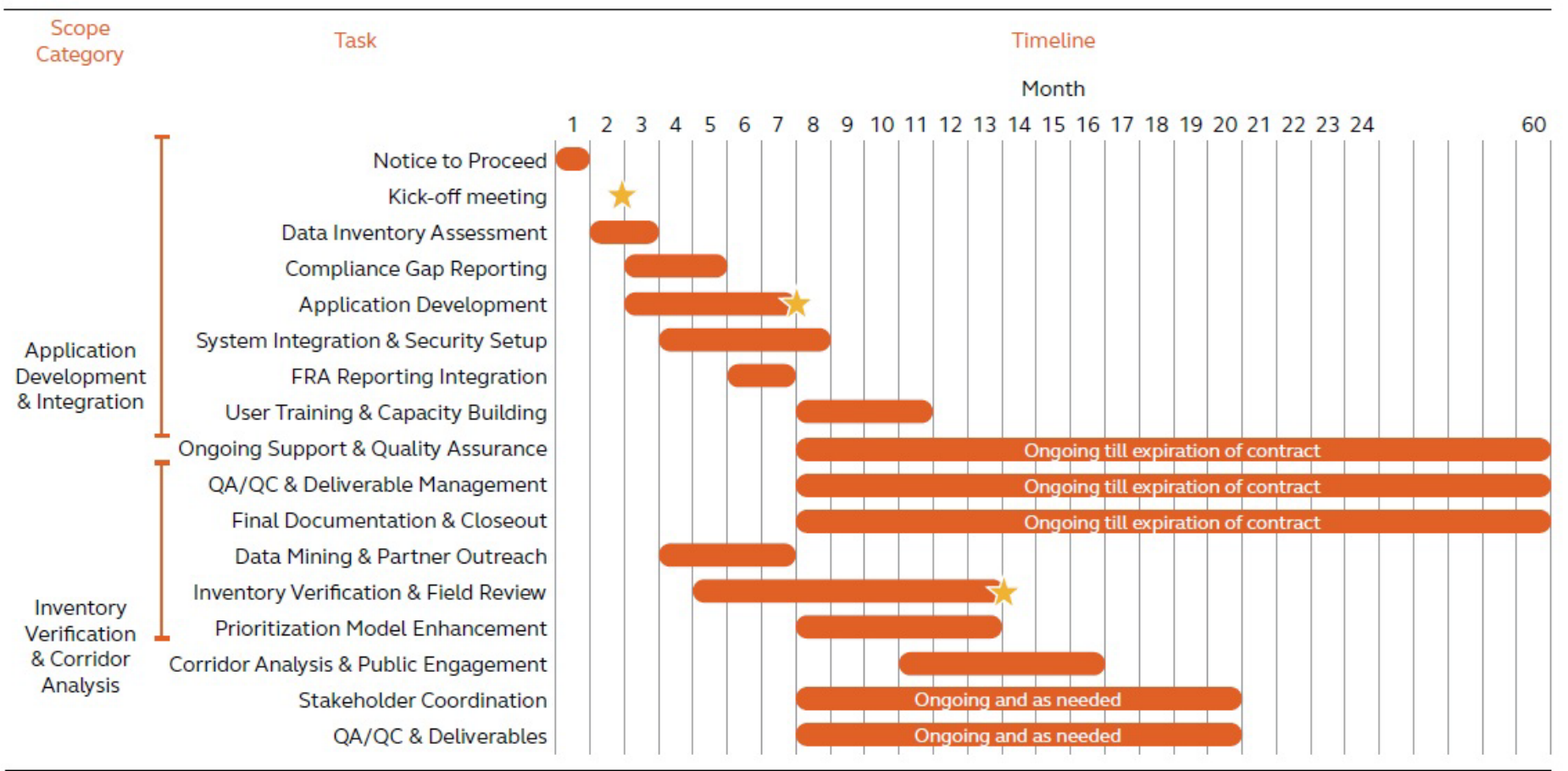
Through our trusted partnership with LADOTD Section 21, our team is continuously advancing the capabilities of the enterprise technology stack. Our inclusion in this program will afford the railroad safety program the opportunity to take advantage of emerging technologies that LADOTD continues to adopt.



Project Schedule & Milestones

Arcadis applies a structured, phased schedule to maximize efficiency and responsiveness. Key milestones include project initiation and planning, completion of database integration, rollout of the web-based application, completion of statewide inventory verification (via imagery and field visits), delivery of prioritization model enhancements, and periodic training and stakeholder engagement events. Ongoing support, QA/QC, and federal reporting continue throughout the contract. This approach mirrors our successful delivery on multi-year, multi-phase contracts, where clear milestones and parallel tasking ensured timely and high-quality outcomes.

- LEGEND:
- ★ Meeting or a milestone
 - Performed by Arcadis



SECTIONS 19-23

Our public involvement approach is built around collaboration that improves data quality—coordinating with railroads and local partners to verify and update crossing information used for safety planning. We support LADOTD’s corridor-level work by developing clear public-meeting materials, including presentations and handouts that translate technical findings into understandable, decision-ready information. To keep stakeholders aligned over the life of the contract, we also provide structured training and knowledge-sharing to help users understand the tools and reporting requirements tied to the inventory.



19 WORKLOAD:



Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	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	\$40,250
		4400023690 /H.016529.5	US90BUS (Broad St): Enterprise BL – I-210	\$146,200
		4400023690 /H.016380.5	LA 1024: S-Wave Ground Inlay Grooves	\$6,863
		4400017033 /H.005121	LA 1/LA 415 Connector	\$358,523
		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	\$63,256
		4400021325 /H.010824.1	US 71 Corridor Study	\$66,131
		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>	\$1,100,575
	Road	4400024307 H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$2,883
		4400017033 / H.005121	LA 1/LA 415 Connector	\$877,764
		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
	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>	\$351,828
		4400026457 /H.013868.5	ITS MGMT, OPERATIONS, & MAINT	\$348,043



		4400026457 /H.013868.6 (A)	ITS MGMT, OPERATIONS, & MAINT	\$156,643
		4400026457 /H.013868.6 (B)	ITS MGMT, OPERATIONS, & MAINT	\$171,197
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$125,000
	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 awaitng payment)</i>	\$100,000
		4400009281 /H.009932	US 80 Widening: Vancil Road to Well Road EA	\$5,343
		4400025022 /H.015498.5 Recall 102225	Park Road Over Lagoon	\$11,464
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Env. Task Orders	\$87,426
		4400025625 / H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$32,977
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$100,000
		4400025047 /H.011358.2	US 190 (Vine Street) Reconstruction	\$5,500
		4400030714 /H.016648.1	I-12@I-55 Interchange Improvement Study	\$175,493
	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 awaitng payment)</i>	\$603,657
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Bridge Task Orders	\$15,000
		H.003931	I-10 Calcasieu River Bridge P3 Project	\$200,000
	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 awaitng payment)</i>	\$349,141
		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	\$44,845

STAFF CERTIFICATION CHART SUMMARY

Names	Firm	Relevant Certification
Akhil Chauhan, PE, PTOE, PTP, PMP <i>Meet MPR Nos. 1 & 2</i>	 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
David Ward, GISP <i>Meets MPR Nos. 5</i>	 ARCADIS	Geographic Information Systems Professional (GISP)
Jennifer Berthiaume, GISP <i>Meets MPR Nos. 5</i>	 ARCADIS	Geographic Information Systems Professional (GISP)
Alison Mynsberge, GISP <i>Meets MPR Nos. 5</i>	 ARCADIS	Geographic Information Systems Professional (GISP)
Ari Deitch, PE, PTOE, PTP, RSP	 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 NHI Traffic Signal Design & Operation
Kester Hollier, PE, PTOE	 ARCADIS	Professional Traffic Operations Engineer (PTOE) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor
Max Aguirre, PhD, PE, PTOE, RSP2I	 ARCADIS	Professional Traffic Operations Engineer Road Safety Professional 2I ATSSA Traffic Control Supervisor Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Justin Maderia, PE, PTOE, PTP	 ARCADIS	Professional Transportation Planner (PTP) Professional Traffic Operations Engineer (PTOE) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Cody Lemoine	 ARCADIS	ATSSA Traffic Control Supervisor Federal Aviation Administration (FAA) Remote Pilot License
Joshua Daigrepoint, IMSA II	 ARCADIS	International Municipal Signal Association (IMSA) Level I and II Traffic Signal Field Technician

Louisiana's Secretary of State (SOS) Registration Screenshots for: **Arcadis U.S., Inc.**, is located at the end of this section.

Project Management Institute

THIS IS TO CERTIFY THAT

Akhilendra S Chauhan

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE,
KNOWLEDGE AND SKILLS TO LEAD AND DIRECT PROJECT TEAMS AND IS HEREBY
BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional

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

Beth Parleton

Beth Parleton - Chair, Board of Directors

Mark A. Langley

Mark A. Langley - President and Chief Executive Officer



PMP® Number **1444676**

PMP® Original Grant Date **16 August 2011**

PMP® Expiration Date **15 August 2014**



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*

Steven D. Hofener
Chair



Steven D. Hofener
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

Helmuth Schneider

Dr. Helmuth Schneider
Director
Highway Safety Research Group



GIS Certification Institute

This is to certify that The Board of Directors of the GIS Certification Institute,
Upon the recommendation of the Executive Director, has conferred upon

David Ward

the distinction of

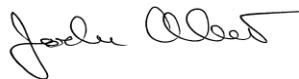
Geographic Information Systems Professional

GISP

Certificate Number 51378

Date of Initial Certification 4/25/2005

Date of Expiration 4/25/2027



Jochen Albrecht
GISCI President



Anthony Spicci, GISP
GISCI Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Ari Jacob Deitch

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

Road Safety Professional

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

Certificate number 37 issued in Washington, DC, USA

12/21/2018

Diane W. Morabito
Diane W. Morabito
Chair



**ROAD SAFETY
PROFESSIONAL**

Jeffrey F. Paniati
Jeffrey F. Paniati
Executive Director

GIS Certification Institute

This is to certify that The Board of Directors of the GIS Certification Institute,
Upon the recommendation of the Executive Director, has conferred upon

Jennifer Berthiaume

the distinction of

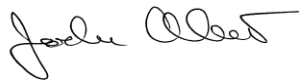
Geographic Information Systems Professional

GISP

Certificate Number 67339

Date of Initial Certification 5/25/2013

Date of Expiration 5/25/2027



Jochen Albrecht
GISCI President



Anthony Spicci, GISP
GISCI Executive Director

GIS Certification Institute

This is to certify that The Board of Directors of the GIS Certification Institute,
Upon the recommendation of the Executive Director, has conferred upon

Alison Mynsberge

The distinction of

Geographic Information Systems Professional

GISP

Certificate Number 91042

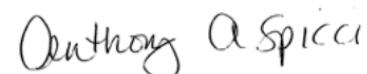
Date of Initial Certification 6/25/15



Allen Ibaugh
GISCI President



Date of Expiration 6/25/29



Tony Spicci
Executive Director

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 Colina
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
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 Colina
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
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 Colina
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor





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

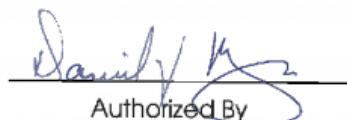
for attending the

**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***

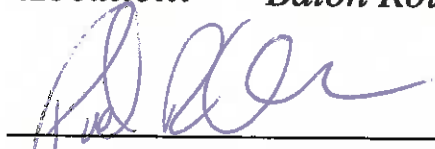
hosted by

LA DOTD/LTRC

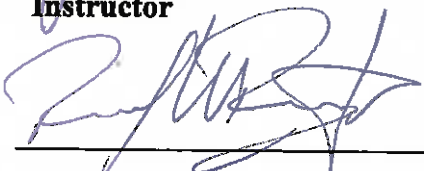
Date: *August 16-17, 2017*

Hours of Instruction: 11

Location: *Baton Rouge, LA*



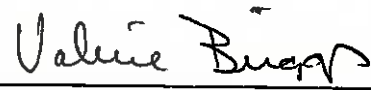
Instructor



Instructor



Local Coordinator



**Valerie Briggs, Director
National Highway Institute**

Transportation Professional Certification Board, Inc.

certifies that

Ariel Jacob Deitch

*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 690 issued in Washington, DC, USA*

07/17/2019

Diane W. Nordb.
Diane Morabito
Chair



Jeffrey F. Puniati
Jeffrey F. Puniati
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

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

Kenneth W. Akert
Chair



[Signature]
Executive Director

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

Max Aguirre

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

Professional Traffic Operations Engineer

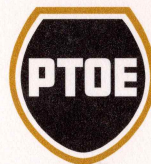
unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 5291 issued in Washington, DC, USA

7/13/2022

Deborah L. Snyder

*Deborah Snyder
Chair*



**PROFESSIONAL TRAFFIC
OPERATIONS ENGINEER**

Jeffrey F. Paniati

*Jeffrey F. Paniati
Executive Director*

Transportation Professional Certification Board, Inc.

certifies that

Max Aguirre

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

Road Safety Professional

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

Certificate number 636 issued in Washington, DC, USA

8/3/2021

Deborah Snyder
Deborah Snyder
Chair



Jeffrey F. Panzani
Jeffrey F. Panzani
Executive Director

ATSSA
Safer Roads Save Lives

Max Aguirre

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 18-SEP-2025

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



The Transportation Professional Certification Board

Certifies that

Max Aguirre, Ph.D.,PE,PTOE,RSP2I

successfully renewed the Road Safety Professional Infrastructure® (Level 2) certification

Original Certification Date: 7/9/2024

Certification Valid Through: 7/9/2027

Jeffrey F. Paniati,
Executive Director and CEO

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

Certification Number: 182

Certificate of Completion

presented to

Max Aguirre

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 A. Colina
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



Certificate of Completion

presented to

Max Aguirre

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 A. Colina
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



Certificate of Completion

presented to

Max Aguirre

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 A. Colina
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
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*

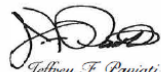
Professional Transportation Planner

*unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 604 issued in Washington, DC, USA*

7/19/17


Michael H. Park
Chair




Jeffrey F. Pamiati
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 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 P. Harpist
Chair




Dennis W. Hinkle
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 J. Pennington
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 J. Pennington
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 J. Pennington
Authorized instructor





THIS IS TO CERTIFY THAT

Cody M Lemoine

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

A handwritten signature in black ink, reading 'LuAnn Piccard', is positioned above a horizontal line.

LuAnn Piccard, PMP | Chair, Board of Directors



A handwritten signature in black ink, reading 'Pierre Le Manh', is positioned above a horizontal line.

Pierre Le Manh | President & CEO

PMP® Number: 3771871

PMP® Original Grant Date: 07 February 2024

PMP® Expiration Date: 07 February 2027



I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME

CODY MICHAEL LEMOINE

V ADDRESS PO BOX 407
HESSMER LA 71341-0407

VI NATIONALITY USA

IVa D.O.B. 19 DEC 1990

SEX HEIGHT WEIGHT HAIR

M 73 340 BLACK

EYES

HAZEL

IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II **REMOTE PILOT**

III CERTIFICATE NUMBER **4416213**

X DATE OF ISSUE 11 AUG 2020

XIV

Steve D. [Signature]

VIII

ADMINISTRATOR



U

A

S



CODY MICHAEL LEMOINE

4416213

REMOTE PILOT

XII RATINGS

SMALL UNMANNED AIRCRAFT SYSTEM

XIII LIMITATIONS

**U
A
S**

**VII SIGNATURE
OF HOLDER**





Joshua Daigrepont

is hereby certified as a
IMSA Traffic Signal Technician I
by completing all requirements and examination for certification
on 10/27/2025

Valid thru 10/27/2028
Certification #AA_127521

Heidi Cramb
Heidi Cramb - Executive Director



Joshua Daigrepont

is hereby certified as a
IMSA Traffic Signal Field Technician II
by completing all requirements and examination for certification
on 10/27/2025

Valid thru 10/27/2028
Certification #BE_127521

Heidi Cramb
Heidi Cramb - Executive Director

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

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

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
N/A			

N/A



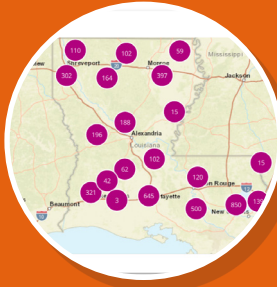
Local, Experienced Field Staff



Arcadis-led LADOTD GIS and RIMS Integration



Railroad Crossing Inventory



FRA Inventory Data Visualization Tool



Arcadis

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

www.arcadis.com



www.arcadis.com



Arcadis North America



Arcadis



@ARCADIS_US