

**TOLLPLUS RESPONSE TO ADVERTISEMENT FOR
ENGINEERING AND RELATED SERVICES,
CONTRACT NO. 4400026586, I-10:
ATCHAFAYLA BASIN SPEED ENFORCEMENT PH 3**



Submitted by:

TOLLPLUS

4100 Midway Road, Suite 1040

Carrollton, TX 75007

Response Due Date: **04/11/2023**

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A long bridge with many concrete pillars spans a wide river. The sun is setting in the distance, creating a bright orange and yellow glow that reflects on the water. The sky is filled with dark, dramatic clouds. A large, white speech bubble with a blue outline is positioned on the left side of the image, containing the text 'Letter of Transmittal'. A smaller, yellow speech bubble with the number '01' is located below and to the right of the first one.

Letter of Transmittal

01

Letter of Transmittal

Louisiana Department of Transportation and Development (DOTD)
21201 Capitol Access Road, Baton Rouge, LA, 70802

Re: Contract No. 4400026586 Advertisement for Engineering and Related Services

Dear Selection Committee,

TollPlus LLC is pleased to submit this response to the Louisiana Department of Transportation and Development (DOTD) for Engineering and Related Services. In this response, TollPlus has identified trade secrets and proprietary information where applicable. The TollPlus team was assembled to address specific requirements for the I-10: Atchafayla Basin Bridge Speed Enforcement Ph 3 project and brings a focus on advanced solutions for Speed Monitoring Systems, Image Review and Violation Enforcement Processing Systems. TollPlus and our strategic partners, Vitronic, Structural Consultants, and National Services, leverage decades of industry and local expertise in developing, installing, and operating technologies focused on the goal of driving a change in driver's behavior.

TollPlus is part of VINCI Highways, a global leader in transport and urban development infrastructure, with strong financial performance and with a portfolio of projects managing more than 5,000 miles of highways and road infrastructure globally. The TollPlus team has been providing mobility services in the transportation industry since 2003. We have a strong understanding of the business needs of transportation agencies, and direct experience implementing solutions to address those needs.

In choosing our team, the DOTD will gain a system partner focused on open communications and dedicated to a collaborative, transparent, and candid approach to our partnership. We are focused on technology that supports innovation and automation and progressive systems that are comprehensive, scalable, secure, easy to configure, and are designed to improve speed control, safety, and violation collection efficiency. Our track record of successful implementations sets us up perfectly for additional success in Louisiana. Our vital technical leaders are experienced in implementing projects specific to enforcement environments. No other team is more qualified to meet the system requirements and sustain a quality-driven culture focused on innovation, security, and data reliability. We are excited and eager to collaborate with the DOTD to achieve unparalleled success on this new and highly anticipated project.

Regards,



Tawnya Freund
Chief Commercial Officer
(760) 214-3715
tfreund@tollplus.com

A photograph of a long, multi-span concrete bridge crossing a wide river. The scene is captured at sunset, with the sky filled with dramatic, dark clouds and a bright orange glow from the setting sun. The sun's reflection is clearly visible on the calm water surface. The bridge's concrete pillars are reflected in the water. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTIONS 1-11'. A small yellow circle is located at the bottom center of the image.

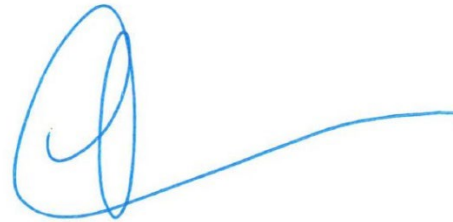
SECTIONS 1-11

Section 1 – 11: Prime Contractor Information

1. Contract Name as shown in the advertisement	I-10: ATCHAFAYLA BASIN SPEED ENFORCEMENT PH 3 ROUTE: I-10 IBERVILLE AND ST. MARTIN PARISHES
2. Contract Number(s) as shown in the advertisement	4400026586
3. State Project Number(s), if shown in the advertisement	TBD
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	TollPlus, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	N/A
6. Prime consultant mailing address	4100 Midway Road, Suite 1040, Carrollton, Texas 75007
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	4100 Midway Road, Suite 1040, Carrollton, Texas 75007
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Tawnya Freund, Chief Commercial Officer, (760) 214-3715, tfreund@tollplus.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Tawnya Freund, Chief Commercial Officer, (760) 214-3715, tfreund@tollplus.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.

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:

04/11/2023

Date:

Firm(s): No DBE Goal

Firm(s)' %: N/A

A photograph of a long, multi-span concrete bridge crossing a body of water. The scene is captured at sunset, with the sky filled with dramatic, dark clouds and a bright orange glow from the setting sun. The sun's reflection is clearly visible on the calm water surface. The bridge's concrete pillars and railings are reflected in the water. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTION 12'. A small yellow circle is located at the bottom center of the image.

SECTION 12

Section 12: Past Performance Evaluation Discipline Table (Corrected)

Past Performance Evaluation Discipline(s)	% of Overall Contract	TollPlus, LLC (Prime)	Vitronic Machine Vision, Ltd.	Structural Consultants, LLC	National Services, LLC (DBA-NSA)	Each Discipline must total to 100%
Data Collection	55%	80%	20%	0%	0%	100%
ITS	25%	35%	5%	0%	60%	100%
Traffic	5%	5%	0%	70%	25%	100%
Planning	5%	85%	0%	5%	10%	100%
CPM	5%	75%	5%	5%	15%	100%
Survey	1%	0%	15%	80%	5%	100%
CE&I/OV	3%	0%	5%	75%	20%	100%
Geotech	1%	0%	5%	90%	5%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	100%	61.00%	12.85%	7.95%	18.20%	

A photograph of a long, multi-span concrete bridge crossing a body of water. The scene is captured at sunset, with the sky transitioning from deep blue to bright orange and yellow. The sun is a glowing orb on the horizon, its light reflecting on the water's surface. The bridge's concrete pillars are visible, and the water reflects the bridge and the sky. A large, light blue speech bubble with a white border is positioned on the left side of the image, containing the text 'SECTION 13'. A small yellow circle is located at the bottom center of the image.

SECTION 13

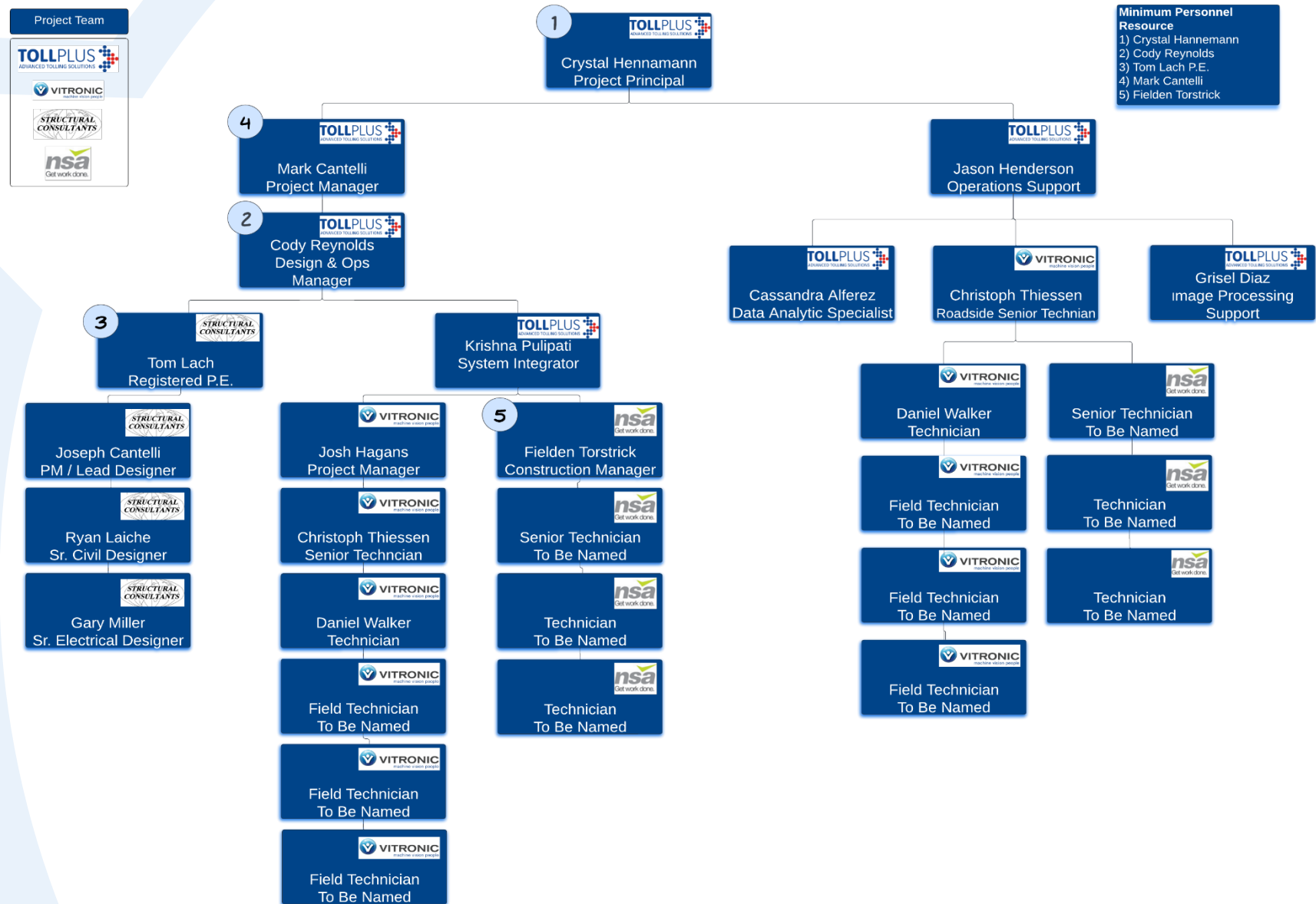
Section 13: Firm Size

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
TollPlus, LLC	Principal	1	3
TollPlus, LLC	ITS Technician	2	100
TollPlus, LLC	Professional	2	25
TollPlus, LLC	ITS Technician-Lead	1	50
TollPlus, LLC	Designer	1	15
TollPlus, LLC	Project Office Manager	1	20
Vitronic Machine Vision, Ltd.	Project Office Manager	1	2
Vitronic Machine Vision, Ltd.	Technician	4	5
Vitronic Machine Vision, Ltd	Senior Technician	1	1
Structural Consultants, LLC	Engineer	1	2
Structural Consultants, LLC	Designer	3	5
National Services, LLC (DBA-NSA)	Technician	2	300+
National Services, LLC (DBA-NSA)	Senior Technician	1	20+
National Services, LLC (DBA-NSA)	Project Office Manager	1	18+

A photograph of a long, multi-span concrete bridge crossing a body of water. The scene is captured at sunset, with the sun low on the horizon, creating a vibrant orange and yellow glow that reflects on the water's surface. The sky is filled with dark, dramatic clouds. A large, light blue speech bubble with a white outline is positioned on the left side of the image, partially obscuring the bridge. Inside the speech bubble, the text "SECTION 14" is written in a bold, dark blue font. A small yellow circle is located at the bottom center of the image, below the speech bubble.

SECTION 14

Section 14: Organizational Chart (Corrected)



A photograph of a long, multi-span concrete bridge crossing a wide river. The scene is captured at sunset, with the sky filled with dramatic, dark clouds and a bright orange glow from the setting sun. The sun's reflection is clearly visible on the calm water surface. The bridge's concrete pillars are reflected in the water. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTION 15'. A small yellow circle is located at the bottom center of the image.

SECTION 15


Section 15: Minimum Personnel Requirements:

MPR No.	Personnel being used to meet the MPR	Firm employed by	Type of license and discipline meeting MPR/ certification & number	State of license	License / certification expiration date
1	Crystal Hannemann	TollPlus, LLC			
2	Cody Reynolds	TollPlus, LLC			
3	Tom Lach, Professional Engineer	Structural Consultants, LLC	PE 0031622 LA	LA	09/30/23
4	Mark Cantelli	TollPlus, LLC			
5	Fielden Torstrick	National Services, LLC			

A photograph of a long, multi-span concrete bridge crossing a body of water. The scene is captured at sunset, with the sky transitioning from deep blue to bright orange and yellow. The sun is a glowing orb on the horizon, its light reflecting on the water's surface. The bridge's structure, including its numerous piers and railings, is visible on both sides of the frame. A large, light blue speech bubble with a white outline is positioned on the left side of the image, partially overlapping the bridge. Inside the bubble, the text "SECTION 16" is written in a bold, dark blue font. A small yellow circle is located at the bottom center of the image, just below the speech bubble's tail.


SECTION 16

Section 16: Staff Experience (Updated)


 Firm employed by			
Name	Krishna Pulipati	Years of relevant experience with this employer	3.5
Title	Senior Business Delivery Manager	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		BS / 1994 / Computer Science & Engineering	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Pulipati is the System Integrator for TollPlus and is responsible for scoping, planning, and system integration of the project in cooperation and collaboration with various with all partners, third parties functional and administrative teams. He provides Research and Development Integration Solutions, Integration Architecture with Back Office System.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/2021 to present	State Road 91 Express Lanes Customer Service Center Back Office System replacement project. The SR91 implementation included a managed Performance Management Team to optimize Back Office system, Jobs, Reports. Architecture and implemented Unified Hyper Care Monitoring Dashboard and unified Ticketing System by bringing in data into a single Cloud platform for data storage, processing that has visualization, trends, data comparisons and self-service analytical solution using Canonical Data Modelling Messaging Integration Pattern and Start Schema based warehouse.		
01/2021 to present	M50 Pilot Project. As part of New Innovation Research and Development activities architecture and designed Speed Detection monitoring, alerting solution by integrating with on boarding units (OBU) and to send Alert notifications to centralized defensive driving monitoring teams to prevent accidents proactively.		
12/2019 to Present	North Texas Tollway Authority Customer Service Center Back Office Replacement Project. Led the reporting team in the NTTA implementation, and then led 30 plus member performance management teams to introduce new application performance monitoring tools, messaging based real-time data integration products		

	<p>to meet the SLA's to handle high volumes of data that includes integration with third party systems like case management, print services, DMV, Contact Center products.</p> <p>Architecture and design data migration and ongoing data collection, ingestion and process of data from Lane systems into Back Office Systems for Payment Processing at a scale to handle 6 million transactions per day by leveraging Messaging Integration Patterns.</p> <p>Optimized Infrastructure and redesigned application integrations for processing Images using Optical Character recognition (OCR) and Manual Image Review (MIR) modules to handle 2000 concurrent image reviews per second.</p>
01/2022 to Present	<p>Research & Development Programs. The architecture violation system integrates with roadside equipment by using file, messaging and API mechanisms for red light violations, speed violations, lane violations for real-time fine collection by integrating with Back Office System for Payment processing gateways.</p>
2013 to 2019	<p>Five9 Contact Center Integrations (multiple projects). Integrated Contact Center data with third party systems for advanced analytics from Cloud - Cloud and Cloud - On Premise Systems including interaction data, recordings, and transcripts. Contact Center Software and eMite products integrated for historical and real-time contact center analytics via dashboard and wallboard for agents and supervisors. Architecture core data fabric integration layer for customer experience centered platform providing real-time advanced analytics through comparison, clustering, trend analysis, benchmarking, and benchmarking capabilities with interface to external and internal systems; This has been achieved using Event Bridge, notification API's and Analytics API's solutions. Integrate Contact Center software platform with WFM Aspect 21 and Verint 15.2 applications hosted in the cloud by configuring Scopes, Destinations, Groups, Queues, SFTP, OAuth Tokens, and Reporting Client software for real-time and periodic data updates.</p>
2011 to 2013	<p>Infogain Data Integration Projects Architecture (multiple projects). Integration of BI Products with Salesforce cloud computing for both batch and real-time reporting solution by configuring outbound messages for Opportunities and Quotes. Integrated reporting applications with SAP system (HQ-Japan), Local Data Sources (North America), Global Master data (MDM) as part of unified reporting one view reporting solution that meets or exceeds the SLA expectations. Architecture framework & integration solutions for Real-time integration between Data warehouse and Enterprise MDM Customer Data Hub for enriching data attributes and with Third Party Cloud-based products like SFDC, Eloqua. Key deliverables included building Oracle Data Hub (MDM), Integrated Global Reporting, Event Influence Reporting, Statistical and predictive model-based Lead Score, Tags, Prospects, References, Contacts, Campaigns, Responses, Partners, Survey, Lead, Active opportunity monitoring, Bookings, Proximity Campaign, Effective Campaigns using planning data and pattern recognition, segmentation, profiling, Pathway Identification.</p>


Section 16: Staff Experience:

<div style="display: flex; align-items: center;"> <div style="flex: 1;">Firm employed by :</div> <div style="flex: 1; text-align: center;">  <p>TOLLPLUS ADVANCED TOLLING SOLUTIONS</p> </div> </div>				
Name	Mark S. Cantelli		Years of relevant experience with this employer	3.5
Title	Chief Technology Officer		Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization			BS in Computer Science, University of Maryland UC	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Cantelli is TollPlus' CTO and is located within 60 miles of Baton Rouge, LA., providing technology management, application development, and operation and maintenance oversight for VHMS transportation and mobility customers. For this project, Mr. Cantelli will provide his over 30 years of experience in Project Management responsibilities through the design, construction, transition, and operational phase of the ABB Phase 3 project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/2019 to present	CTO, Head of Global Delivery , Responsible for managing and directing multi-discipline engineering teams to ensure successful project delivery across global transportation and mobility projects. Responsible for providing Technical and Delivery Management leadership, oversight, resource management, overseeing Agile development process, project controls, and financial controls, and codify project and personnel performance metrics required for successful delivery of various transportation and mobility applications.			
07/2019 to present	State Road 91 Express Lanes Customer Service Center Back Office System replacement project . Established and implemented project controls, stricter Agile Scrum process, and change delivery management organization. Managing client and prime contractor expectations, project schedules, contract administration, scope definition, KPI and SLA management.			
07/2019 to present	Central Texas Regional Mobility Authority (CTRMA) and North Eastern Texas Regional Mobility Authority (NETRMA) Ongoing oversight, delivery management, back office operations support and maintenance services, including defect management, daily operational support, change order development and implementation, continuous improvement program, SLA and KPI management, obsolesces management, preventive and predictive system maintenance, and contract administration.			


7/2019 to present	Cameron County Regional Mobility Authority (CCRMA) Executive oversight including implementing and transitioning to the BOS 2.0 upgrade. Ongoing oversight, delivery management, back office operations support and maintenance services, including defect management, daily operational support, change order development and implementation, continuous improvement program, SLA and KPI management, obsolesces management, preventive and predictive system maintenance, and contract admin.
7/2019 to 1/2021	North Texas Tollway Authority Customer Service Center Back Office Replacement Project Oversaw the development management and construction phases, including the direction of the incremental waterfall methodology, increment planning, project schedule development and maintenance, project status reporting, and client interface, and led the transition to operations activity.
7/2019 to 8/2021	M50 eFlow Customer Service and Contact Center Commercial Back Office replacement project. Project Principal, established project controls, oversight of delivery management team Agile Project Management methodologies resulting in the three-month improved schedule. Duties included developing project schedules and contract development and administration. Managing client and prime contractor expectations, project schedules, scope definition, KPI and SLA management.
3/2015 to 7/2019	Florida Centralized Customer Service System (FL CCSS), Xerox CTO, Provided technical leadership and management for the Florida Turnpike Enterprise (FTE) Consolidated Customer Service Systems (CCSS) back office and call center system. Duties included design oversight, equipment and component selection, development oversight, quality assurance and testing oversight, subcontractor and teaming agreement management, project management responsibilities, transition planning, and developing the back office maintenance program. Led the design, development, and implementation effort for the FTE Southeast Interoperability HUB with the Central US Interoperability HUB, including the National Interoperability Protocol.
3/2006 to 2/2017	Commercial Vehicle Operations (CVO) (PrePass), Lockheed Martin, Affiliated Computer Services CTO, Sr Director of Engineering Provided technical and operational management for implementation and maintenance teams. Instrumental in expanding PrePass installations from 80 to 150+ sites in 32 states within two years. Included the selection and evaluation of local electrical, civil, and structural design engineering firms, and electrical and civil construction firms, and an expansion of user base from 200,000 trucks to 450,000 enrolled trucks. Worked closely with leading Weigh-In-Motion manufacturers on integrating and implementing their systems with the PrePass application, including International Road Dynamics (IRD) and Kistler. Oversaw the design and implementation of the first of its kind virtual weigh station in Maryland.
3/2006 to 2/2017	Motor Vehicle Services (MVS), Affiliated Computer Services CTO, Sr. Director of Engineering Motor Vehicle Services – include solutions allowing Commercial Vehicles to register as part of the IRP program, and solutions for tracking state fuel tax for commercial vehicles as part of the IFTA program
6/2006 to 1/2017	Redlight and Speed Enforcement project, Affiliated Computer Services Sr. Director of Engineering System engineering, construction management, project engineering, planning, maintenance services, and documentation on various Red Light and Speed projects throughout the United States, including Dallas, Tx., Aurora, Co, and San Francisco, Ca., and various locations in Florida, etc.


			
Firm employed by			
Name	Cody Reynolds	Years of relevant experience with this employer	4.5
Title	Manager, Program Delivery	Years of relevant experience with other employer(s)	3.5
Degree(s) / Years / Specialization		BS / 2013 / Biology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Design & Ops Manager Mr. Reynolds is a Manager of Program Delivery located in the TollPlus Carrollton offices whose role includes oversight of projects to implement and maintain of transportation systems. Mr. Reynolds' background includes work in both the operations and technology areas of transportation management as well as experience in implementation and maintenance of transportation systems. He is currently serving on the Lost Revenue Task Force and Young Professionals Council in the International Bridge, Tunnel and Turnpike Association (IBTTA).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/2019 to present	Transport Infrastructure Ireland (TII), Subcontractor for TURAS Mobility Services / Delivery Manager – TollPlus, LLC Responsible for the design, delivery and operations / maintenance of the Commercial Back Office (CBO) for the M50 roadway in Dublin, Ireland. The CBO is part of an Electronic Toll Collection solution responsible for account management, financial management, billing and various other functions. This role includes oversight of requirements gathering and design for various modules within the CBO, development and quality management, oversight of IT infrastructure installation / implementation and project management services throughout the implementation. During the implementation, acted as the Product Owner using Agile Methodology who was responsible for communicating the agency needs to the Scrum teams.		
01/2022 to present	Central Texas Regional Mobility Authority (CTRMA), Subcontractor for Cofiroute USA / Project Manager – TollPlus, LLC Responsible for the operations and maintenance of the Pay-by-Mail (PBM) Back Office System (BOS) in use for Austin, Texas area toll roads. The PBM BOS provides violation management, financial management and billing among other functions and is part of an Electronic Toll Collection solution primarily tailored to unregistered Pay-by-Mail customers. This role includes organizing and overseeing change management processes,		


	management of back office operational monitoring, interfacing with the Authority and project management responsibilities.
10/2018 to 04/2019	North Texas Tollway Authority (NTTA) / Senior Business Analyst - TollPlus, LLC Responsible for design and requirements gathering during the implementation of the Back Office System (BOS) for use in Dallas, Texas area toll roads. The BOS provides registered account management, violation management, financial management and billing among other functions and is part of an Electronic Toll Collection solution. This role included requirements gathering, organizing and participating in design workshops, interfacing with the Authority to gather requirements. Specific focus areas of requirements gathering, and design were the Transaction Processing Engine, the Financial Management module and Account Management.
02/2018 to 09/2018	Los Angeles County Metropolitan Transportation Authority (LA Metro) / Program Manager – Conduent Responsible for the operation of the LA Metro tolled managed lanes program which included oversight of a contact center, Roadside System and Back Office System serving the LA Metro Express Lanes in Los Angeles, CA. This role included program management functions, identification of operational efficiencies to increase revenue and reduce cost, oversight of change management procedures and ensuring compliance with contractual requirements.
07/2017 to 02/2018	New York E-ZPass, New York State Thruway Authority (NYSTA), Metropolitan Transit Authority (MTA), Port Authority of New York and New Jersey (PANYNJ) / Senior Client Services Analyst – Conduent Responsible for the identification and implementation of operational efficiencies as well as monitoring procedures to avoid revenue leakage and customer service deficiencies. The New York E-ZPass system is an Electronic Toll Collection system serving toll roads, bridges and tunnels in the State of New York. This role included a review of financial reconciliation procedures to find revenue leakage, review of contact center statistics and procedures to find staffing and operating efficiencies and the enhancement of Back Office System reporting to easily identify operational improvement opportunities.
01/2015 to 07/2017	Texas Department of Transportation, Toll Operations Division (TxDOT TOD) / Operations Analyst – Conduent / Xerox Responsible for compliance with performance metrics within the program operations, acting as a liaison with TxDOT on operational improvement and deficiencies, program change management procedures in conjunction with the Project Management Office (PMO) as well as adherence to contractual responsibilities for the program. The TxTag program is an Electronic Toll Collection system servicing toll roads in the Houston and Austin, TX areas.

			
Firm employed by			
Name	Jason Henderson	Years of relevant experience with this employer	1
Title	Operations Support	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		MBA / 2021; BS / 2016 / management Information Systems	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Providing overall Operations Management and Support throughout the design, implementation, and operational phases	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/2022 to present	SR91 Express Lanes Anaheim, CA Toll Operations Project Operations Support – Provides overall operational oversight and internal team management functions.		
06/2021 to 10/2022	SH288 Houston, TX BOS, Tolling, ITS & NCS Operations Toll Systems Director – Responsible for the day-to-day operations of all Toll Systems related to the SH-288 project. Toll Systems include Back Office System (BOS), Field Systems (ITS, TCS, NCS), Traffic and Revenue and Customer Service. <ul style="list-style-type: none"> · Provided insight, analysis in relation to ACS business development projects · Data modeler for tolling budgets including traffic, fees, collections, leakage, and revenue. · Oversaw the day-to-day operations and maintenance operations including Field and Central System maintenance, Image Review and Customer Service operations. · Implementation of analysis efforts and measurement methods to identify trends and optimize operations 		
07/2019 to 06/2021	I-66 Outside the Beltway Fairfax, VA BOS, Tolling, ITS & NCS Implementation Toll Systems Director – Oversaw all aspects of design, implementation, and contract management for both the Back Office and Field Systems implementations. Led an effort to design and integrate a Commercial Back Office solution requiring the following capabilities: <ul style="list-style-type: none"> · Print and Mail House · Payment Processors · Alternative Payment Methods · Court and Collections 		
06/2011 to 07/2019	LBJ / NTE / 35W Dallas / Ft. Worth, TX Tolling, ITS & NCS Implementation and Operations Field Systems Director – Oversaw all aspects of design, implementation, operations, and contract management for 1600+ devices and maintenance team consisting of 16 personnel.		

- | | |
|--|--|
| | <ul style="list-style-type: none">· Key participant in drafting all relative RFP documentation and vendor selection· Led design and placement effort of all Field System devices throughout the corridor· Led acceptance testing effort for all field systems and devices· Led effort to build O&M team capable of taking over all maintenance activities from the vendor after operational acceptance.· Oversaw team and system performance, implemented measurement processes and continuous improvement plan to maintain the highest levels of accuracy and efficiency. |
|--|--|

<div style="display: flex; align-items: center;"> <div style="flex: 1;">Firm employed by :</div> <div style="flex: 1; text-align: center;">  <p>TOLLPLUS ADVANCED TOLLING SOLUTIONS</p> </div> </div>			
Name	Cassandra Alferez	Years of relevant experience with this employer	1.5
Title	System Operations Manager	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		AA / 2018 / Business Management	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Business Systems Analyst - Data analysis and back-office systems administration System Operations Manager – Systems monitoring and data analysis	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/2021 to present	91 Express Lanes Anaheim, CA / Business Analyst/System Operations Manager – Responsible for analyzing transaction and financial data for anomalies and trends and to report findings. Provide large data sets mined from the database in an easily readable and translatable fashion. Responsible to monitor system for health and behavior and identify efficiencies through monitoring.		
10/2009 to 11/2021	91 Express Lanes Anaheim, CA / Business Systems Analyst - responsible for multiple high-profile projects from conception to final acceptance. Documentation writing such as: Functional Requirements Documents, Business Rules, Design Documents, Operation Manuals, Use Cases/Test Scripts, Trace Matrices, Implementation Plans and Schedules. Responsible for day-to-day help tickets regarding data base updates, customer account update required from back-end environment, stored procedure updates and creation, SQL job updates and creation, interoperable agency management both files and transactions. Required to author reports both on an adhoc and scheduled basis. Responsible for analyzing transaction and financial data for anomalies and trends and to report findings. Provide large data sets mined from the database in an easily readable and translatable fashion. Responsible for User Acceptance and Final Acceptance testing for all changes made on both the front-end application and back-end programs. Act as a liaison between 91 Express Lanes and outside interoperable agencies, third party vendors and internal departments. Responsible for monitoring both system health and behavior and act accordingly if concerns arose.		

<div style="display: flex; align-items: center;"> <div style="flex: 1;">Firm employed by :</div> <div style="flex: 1; text-align: right;">  </div> </div>				
Name	Grisel Diaz		Years of relevant experience with this employer	3.3
Title	Image Review Operations Support		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		AA 2004 Business Management		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Image Process Support, overseeing the image movement and performance of the ALPR		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/2020 to Present	NTTA – Image Review Operations, Dallas, TX. – Director of Operations responsible for developing, planning, testing, training, and deployment of Image Review Program. Supporting high-level and on-time delivery of KPIs. Overseeing multiple global locations; key collaborator with third-party staffing companies.			
03/2003 to 12/2019	Image Review Processing Center, El Paso, TX. – Senior Delivery Manager supporting nationwide Tolling Processing and Photo Enforcement Speed and Red Light programs. Executed multiple start-up operations for an array of tolling clients including NJ E-ZPass, MD E-ZPass, NH E-ZPass, SC Palmetto, BATA (FasTrak), Fort Bend, TxDOT (TxTag), and LA Metro Express Lanes. Implementation of image review processing for 30+ Photo Enforcement Red Light and Speed programs. Operations performed across the United States and Mexico. Red light programs included jurisdictions in Miami, Providence, Raleigh, Tallahassee, Wilmington, Denver, Dallas, Cleveland, Illinois, Delaware, Fairfax, Aurora, Bowie to name a few. Speed programs included Denver, Sheridan, Baltimore, and Dallas area.			
03/01 to 02/2003	Financial Services Programs, El Paso TX – Operations Manager responsible for overseeing the functional aspect of data processing for credit card, payroll, and check processing for financial institutions such as Capital One, MBNA Canada, Bank of America and GM Payroll. Activities included day-to day operations, Quality Assurance, user and system documentation, and coordination of resources to achieve SLAs.			

<div style="display: flex; align-items: center;"> <div style="flex: 1;">Firm employed by :</div> <div style="text-align: center;">  <small>ADVANCED TOLLING SOLUTIONS</small> </div> </div>				
Name	Crystal Hannemann		Years of relevant experience with this employer	1
Title	Chief Operating Officer		Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization		BBA in Business Administration and Management, West Texas A&M		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Ms. Hannemann is the TollPlus COO located in Dallas TX, providing operational management and Client oversight for VHMS transportation and mobility customers. For this project, Ms. Hannemann will provide her over 20 years of experience in Operational Management responsibilities through the design, construction, transition, and operational phase of the ABB Phase 3 project.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/2022 to present	Chief Operations Officers , Responsible for leading and directing cross-functional teams to ensure continual success in operational delivery across global transportation and mobility projects. Responsible for providing Operational leadership, program oversight, resource management, and personnel performance metrics required for successful operations of various transportation and mobility applications.			
04/2022 to present	State Road 91 Express Lanes Customer Service Center Back Office System; Central Texas Regional Mobility Authority (CTRMA), North Texas Tollway Authority, M50 eFlow Ongoing oversight of the program operations, partnering with Client to set clear expectations, continuous improvements, contract administration, KPI and SLA management.			
06/2022 to 04/2022	COO, LBJ Infrastructure LLC (Cintra) Direct oversight for the quality and compliance of the LBJ Express asset which was approx. 200 lane miles with 13.3 free flow miles and 20 Gentries. Managed O&M Engineering, Traffic Management Center, and Roadway Maintenance departments to ensure project was managed in accordance with internal policies/procedures and the TxDOT CDA. Facilitated a revamp of the Winter Maintenance Program which included CAPEX purchase of new equipment, vendor selection for new technologies, installation of equipment, and employee training. Created a clear partnership with the Client (TxDOT) so questions could be effectively addressed, and issues quickly mitigated.			
	Ongoing oversight, operational management, maintenance services, including civil asset and defect management, continuous improvement, obsolescence management, preventive maintenance, Vendor manager, and contract admin.			

12/2015 to 06/2020	<p>CIO, for the LBJ, NTE, and 35W Managed Lanes in North Texas (Cintra) Played an integral part in the achievement of Service Commencement on NTE3 Segment 3B then Segment 3A by ensuring that all Tolling milestones were completed in compliance with the SIA Contract and the FA, ensuring the adequate coordination between the System Integrator and the Civil Works Contractor. Managed the Tolling Operations, Customer Relations, Field Systems, and IT departments with a deep understanding of the tolling and ITS infrastructure deployed in the field, the connectivity to the Back Office, and the end-to-end tolling life cycle. Managed the contracts related to the Back Office, System Integrator, and Tolling Services Agreement.</p> <p>Ongoing oversight, operational management, maintenance services, revamp of the back-office maintenance program, continuous improvement, obsolescence management, preventive maintenance, Vendor manager, and contract admin.</p>
12/2006 to 03/2016	<p>SVP, Bank Operations, Meridian Bank Texas (MBTX) Executive oversight of daily bank operations including the completion of a bank conversion through acquisition. With MBTX being a De Novo bank, I had full responsibility for the configuration of the core banking systems, how the systems worked within the environment, ensuring all transactions (checks/deposits) were reconciled, along with the creation of the policies as required by regulation and writing operational procedures to ensure best practices were followed.</p> <p>Ongoing oversight, operational management, bank core system management, document management, daily operational support, business case management, change order development and implementation, continuous improvement program, and contract admin.</p>
10/2002 to 12/2006	<p>VP, Retail Deposit Service Manager, Summit Bank Direct oversight for the technical and operational sides of new account processing, teller operations, legal operations, and bank fraud.</p> <p>Ongoing oversight, operational management, bank core system management, document management, daily operational support, business case management, change order development and implementation, continuous improvement program, and contract admin.</p>

Firm employed by: Structural Consultants, LLC			
Name	Joseph Cantelli		Years of relevant experience with this employer
Title	Project Manager/Lead Designer		Years of relevant experience with other employers (s)
Degree(s) / Years / Specialization		35 years of overall design, construction, and management	
Active registration number/state/expiration date		N/A	
Year Registered	N/A	Discipline	Mechanical, Civil, and Structural
Contract role(s) / brief description of responsibilities		Lead Civil / Structural Designer and Project Manager for multiple projects within the traffic planning and traffic engineering industry for both detailed design and estimating phases spanning over 20 years	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/2022 to present	Portland Fixed Speed Expansion Project, Portland, OR Speed Zone project included 17-speed enforcement sites for the City of Portland. Project Manager – Lead Designer responsible for all drawing packages and client liaison. Project ETC: \$ 1 million		
03/2022 to present	Rockville Fix Speed Upgrade Rockville, MD S included 16-speed enforcement sites for the County of Rockville, Md. Vitronic camera systems. Project Manager and Lead Designer responsible for all drawing packages and client liaison ETC: \$.5 million		
06/2022 to present	MOCO Fix Speed Upgrade Montgomery County, MD Speed Zone project included 10-speed enforcement sites for the County of Montgomery Vitronic camera systems. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC: \$.5 million		
06/2022 to present	Fairfax City Fix Speed, Fairfax City, VA Speed Zone project 16-speed zone enforcement sites for the City of Fairfax. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC: \$.9 million		
07/2021 to 08/2022	Memphis Fix Speed Expansion, Memphis, TN Speed Zone project 10-speed zone enforcement sites for the City of Memphis. Project Manager – Lead Designer responsible for all drawing packages and client liaison ETC: \$.6 million		

05/2021 to 08/2022	PCU School Zone Speed Project, PG County Speed Zone Project Multiple 16 speed zone enforcement sites for the PG County. Vitronic camera systems. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC: \$.8 million
07/2020 to 04/2021	PCU School Zone Speed Project, Takoma Park, MD Speed Zone project 12-speed zone enforcement sites for the County of Takoma Park. Vitronic camera systems. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC: \$.65 million
03/2020 to 02/2021	Fix Speed Expansion, Gaithersburg, MD Speed Zone project 16-speed zone enforcement sites for the County of Gaithersburg Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC: \$ 1 million
02/2019 to 01/2020	PCU School Zone Speed Project, Fredrick, MD Speed Zone project 14-speed zone enforcement sites for the County of Fredrick. Vitronic camera systems. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC: \$.4 million
01/2018 to 05/2019	PCU School Zone Speed Project, Howard, MD Speed Zone project 12-speed zone enforcement sites for the County of Howard Project Manager – Lead Designer responsible for all drawing packages and client liaison ETC: \$.7 million
02/2017 to 04/2018	PCU School Zone Speed Project, Charles County, MD Speed Zone project 14-speed zone enforcement sites for the County of Charles. Vitronic camera systems. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC. \$.5 million
02/2017 to 04/2018	PCU School Zone Speed Project, Charles County, MD Speed Zone project 14-speed zone enforcement sites for the County of Charles. Vitronic camera systems. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC. \$.5 million
04/2016 to 08/2017	Fixed Speed Project, Ashtabula, OH - Speed Zone project 20-speed zone enforcement sites for the County of Ashtabula. Project Manager – Lead Designer responsible for all drawing packages and client liaison. ETC. \$.8 million
02/2003 to Present	Other Relevant Experience <ul style="list-style-type: none"> • Miami Beach, FL Red-Light Enforcement Project • NAPA, Ca Red light enforcement project • Montgomery County, MD Red-Light Enforcement Project • Baltimore City, Maryland RLC Project • Saskatoon, Saskatchewan, Canada RLC Project • Lima, Peru Photo Enforcement Project • Central Falls, Rhode Island Photo Enforcement • Fairfax, Virginia Photo Enforcement • Beverly Hills RLC Project

Firm employed by: Structural Consultants, LLC			
Name		Thomas S. Lach	Years of relevant experience with this employer
Title		Primary Engineer for this project	Years of relevant experience with other employers (s)
Degree(s) / Years / Specialization		31 years of design and engineering P.E. S.E.	
M.E. University of Missouri - License Civil Engineer and P.E.			
Active registration number/state/expiration date		PE.0031622 LA 09/30/23	
Year Registered	18 years	Discipline	Mechanical, Civil, and Structural
Contract role(s) / brief description of responsibilities		Proposed Engineer of Record, P.E., licensed in 48 states in the United States.	
Primary P.E. and Engineer of Record for this project.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/2022 to present	Portland Fixed Speed Expansion Project, Portland, OR Speed Zone project included 17-speed enforcement sites for the City of Portland P.E. overseeing all aspects of design and engineering. Project ETC: \$ 1 million		
03/2022 to present	Rockville Fix Speed Upgrade Rockville, MD S included 16-speed enforcement sites for the County of Rockville, Md. Vitronic camera systems. P.E. overseeing all aspects of design and engineering. ETC: \$.5 million		
06/2022 to present	MOCO Fix Speed Upgrade Montgomery County, MD Speed Zone project included 10-speed enforcement sites for the County of Montgomery Vitronic camera systems. P.E. overseeing all aspects of design and engineering. ETC: \$.5 million		
06/2022 to present	Fairfax City Fix Speed, Fairfax City, VA Speed Zone project 16-speed zone enforcement sites for the City of Fairfax P.E. overseeing all aspects of design and engineering. ETC: \$.9 million		
07/2021 to 08/2022	Memphis Fix Speed Expansion, Memphis, TN Speed Zone project 10-speed zone enforcement sites for the City of Memphis. P.E. overseeing all aspects of design and engineering. ETC: \$.6 million		
05/2021 to 08/2022	PCU School Zone Speed Project, PG County Speed Zone Project Multiple 16 speed zone enforcement sites for the PG County. Vitronic camera systems. P.E. overseeing all aspects of design and engineering. ETC: \$.8 million		
07/2020 to 04/2021	PCU School Zone Speed Project, Takoma Park, MD Speed Zone project 12-speed zone enforcement sites for the County of Takoma Park. Vitronic camera systems. P.E. overseeing all aspects of design and engineering. ETC: \$.65 million		
03/2020 to 02/2021	Fix Speed Expansion, Gaithersburg, MD Speed Zone project 16-speed zone enforcement sites for the County of Gaithersburg P.E. overseeing all aspects of design and engineering. ETC: \$ 1 million		

02/2019 to 01/2020	PCU School Zone Speed Project, Fredrick, MD Speed Zone project 14-speed zone enforcement sites for the County of Fredrick. Vitronic camera systems. P.E. overseeing all aspects of design and engineering. ETC: \$.4 million
02/2019 to present	Other Relevant Experience <ul style="list-style-type: none"> • Miami Beach, FL Red-Light Enforcement Project • NAPA, Ca Red light enforcement project • Montgomery County, MD Red-Light Enforcement Project • Beverly Hills RLC Project • Deldot Red light upgrade – Delaware
Other	Consulting engineering services encompassing electrical, mechanical, civil, and structural disciplines. Primary focus on towers and pole structures, overhead sign structures, electrical substations, and foundations. Along with overseeing red light and speed zone enforcement design packages.

Firm employed by: Structural Consultants, LLC				
Name	Ryan P. Laiche		Years of relevant experience with this employer	6
Title	Sr. Civil/Structural Designer		Years of relevant experience with other employers (s)	10
Degree(s) / Years / Specialization			16 years of overall design experience	
Active registration number/state/expiration date			N/A	
Year Registered	N/A	Discipline	Civil and Structural	
Contract role(s) / brief description of responsibilities			Sr. Designer on multiple projects for speed zone and red light enforcement	
Experience dates (mm/yy–mm/yy)			Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
01/2022 to present			Portland Fixed Speed Expansion Project, Portland, OR Speed Zone project included 17-speed enforcement sites for the City of Portland Sr. Designer was responsible for all drawing packages. Project ETC: \$ 1 million	
03/2022 to present			Rockville Fix Speed Upgrade Rockville, MD S included 16-speed enforcement sites for the County of Rockville, Md. Vitronic camera systems. Sr. Designer was responsible for all drawing packages. ETC: \$.5 million	
06/2022 to present			MOCO Fix Speed Upgrade Montgomery County, MD Speed Zone project included 10-speed enforcement sites for the County of Montgomery Vitronic camera systems. Sr. Designer was responsible for all drawing packages. ETC: \$.5 million	
06/2022 to present			Fairfax City Fix Speed, Fairfax City, VA Speed Zone project 16-speed zone enforcement sites for the City of Fairfax Sr. Designer was responsible for all drawing packages. ETC: \$.9 million	
07/2021 to 08/2022			Memphis Fix Speed Expansion, Memphis, TN Speed Zone project 10-speed zone enforcement sites for the City of Memphis. Sr. Designer was responsible for all drawing packages. ETC: \$.6 million	
05/2021 to 08/2022			PCU School Zone Speed Project, PG County Speed Zone Project Multiple 16 speed zone enforcement sites for the PG County. Vitronic camera systems. Sr. Designer was responsible for all drawing packages. ETC: \$.8 million	
07/2020 to 04/2021			PCU School Zone Speed Project, Takoma Park, MD Speed Zone project 12-speed zone enforcement sites for the County of Takoma Park. Vitronic camera systems. Sr. Designer was responsible for all drawing packages. ETC: \$.65 million	
03/2020 to 02/2021			Fix Speed Expansion, Gaithersburg, MD Speed Zone project 16-speed zone enforcement sites for the County of Gaithersburg Sr. Designer was responsible for all drawing packages. ETC: \$ 1 million	

02/2019 to 01/2020	PCU School Zone Speed Project, Fredrick, MD Speed Zone project 14-speed zone enforcement sites for the County of Fredrick. Vitronic camera systems. Sr. Designer was responsible for all drawing packages. ETC: \$.4 million
01/2018 to 05/2019	PCU School Zone Speed Project, Howard, MD Speed Zone project 12-speed zone enforcement sites for the County of Howard Sr. Designer was responsible for all drawing packages. ETC: \$.7 million
05/2007 to Present	Civil Drafting/Design Create roadway plans for speed zone and red-light signal and camera installation. Create red light signal and camera equipment elevations. Create interstate weigh station plans for PrePass location installations.
Other	Software Experience: Autodesk AutoCAD, Autodesk Advance Steel 3D Cad, Autodesk Inventor 3D Cad

Firm employed by: Structural Consultants, LLC			
Name	Gary Miller	Years of relevant experience with this employer	4
Title	Sr. Electrical Designer	Years of relevant experience with other employers (s)	13
Degree(s) / Years / Specialization		17 years of overall design experience	
Active registration number/state/expiration date		N/A	
Year Registered	N/A	Discipline	Electrical and Communication
Contract role(s) / brief description of responsibilities		Sr. Designer on multiple projects for speed zone and weigh station bypass systems	
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
01/2022 to present	Portland Fixed Speed Expansion Project, Portland, OR Speed Zone project included 17-speed enforcement sites for the City of Portland Sr. Designer is responsible for electrical and communication designs. Project ETC: \$ 1 million		
03/2022 to present	Rockville Fix Speed Upgrade Rockville, MD S included 16-speed enforcement sites for the County of Rockville, Md. Vitronic camera systems. Sr. Designer is responsible for electrical and communication designs. ETC: \$.5 million		
06/2022 to present	MOCO Fix Speed Upgrade Montgomery County, MD Speed Zone project included 10-speed enforcement sites for the County of Montgomery Vitronic camera systems. Sr. Designer is responsible for electrical and communication designs. ETC: \$.5 million		
05/2022 to present	Bradon NB -SB Phase III P Weigh Station Bypass installation Bradon, Iowa Sr. Designer is responsible for electrical and communication designs. ETC \$.5 million		
07/2021 to 08/2022	Memphis Fix Speed Expansion, Memphis, TN Speed Zone project 10-speed zone enforcement sites for the City of Memphis. Sr. Designer was responsible for all drawing packages. ETC: \$.6 million		
08/2021 to 08/2022	Fremont NB Phase III Weigh Station Bypass installation Fremont, Iowa. Sr. Designer was responsible for electrical and communication designs. Fremont, IA ETC; \$.5 million		
06/2020 to 04/2021	Salix SB Phase III P Weigh Station Bypass installation Bradon, Iowa Sr. Designer was responsible for electrical and communication designs. ETC \$.5 million		

03/2020 to 02/2021	Madison SB Phase III P Weigh Station Bypass installation Madison, WI Sr. Designer was responsible for electrical and communication designs.
02/2019 to 01/2020	Pontiac SB Phase III P Weigh Station Bypass installation Pontiac, Michigan Sr. Designer was responsible for electrical and communications designs. ETC: \$ 1 million.
Other	Electrical and Instrument Engineering Texaco, Port Arthur, TX 13 years

Firm employed by : Vitronic Machine Vision, Ltd				
Name	Christoph Thiessen		Years of relevant experience with this employer	13
Title	Senior Service manager		Years of relevant experience with other employer(s)	N/A
Degree(s) / Years / Specialization			Technical Assistant electronics and computer science and 18 years of specialization	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Head of services at Vitronic Machine Vision, Ltd.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/2010 to current	Installation, operation, repair and certification of Poliscan speed enforcement devices			
08/2012 to current	Certified to train Operators and Supervisors (Operator trainer) for Poliscan speed enforcement devices			
08/2012 to current	Certified to train Vitronic Multipliers (Supervisor trainer) for Poliscan speed enforcement devices			
12/2015 to 05/2016	Project Manager- Poliscan Speed MDSHA- Qt. 9 Enforcement Systems (1st Gen. FM1) Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.			
01/2016 to 08/2016	Project Manager- Poliscan Speed Howard County- qt. 5 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.			
09/2016 to 02/2017	Project Manager- Poliscan Speed Charles County- qt. 5 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.			
04/201 to 04/2018	Project Manager- Poliscan Speed Providence, RI- qt. 15 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales			

	team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
07/2017 to 11/2017	Project Manager- Poliscan Speed Red Deer, AB, Canada- qt. 5 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
11/2018 to 03/2019	Project Manager- Poliscan Speed Prince George's County- qt. 64 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
03/2018 to 08/2018	Project Manager- Poliscan Speed City Of Bowie, MD- qt. 8 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
10/2019 to 02/2020	Project Manager- Poliscan Speed City Of Tacoma Park, MD- qt. 5 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
02/2020 to 06/2020	Project Manager- Poliscan Speed City Of Bowie, MD (extension)- qt. 8 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.

Firm employed by : Vitronic Machine Vision, Ltd			
Name	Josh Hagans		Years of relevant experience with this employer
Title	Senior Manager / Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BA / 2010 /English	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Project Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/2011 to 05/2013	Serviced, Repaired and Certified Poliscan Speed Enforcement Devices		
05/2013 to 10/2021	Technical Documentation Editor/Writer		
10/2021 to 12/2022	Project Manager- USPS- Qt. 102 Small Delivery Unity Sorter (SDUS) Top Camera Tunnel Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.		
02/2022 to 02/2022	Project Manager- USPS- Qt. 130 Small Delivery Unity Sorter (SDUS) Top Camera Tunnel Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project		
02/2022 to Current	Project Manager- USPS - Qt. 142 High Speed Induction Unit (HSIU) Bottom Camera Tunnel. Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project		
06/2022 to 11/2022	Project Manager- Poliscan Speed Charles County- qt. 5 enforcement systems (1st gen. Fm1) create and maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project to ensure project is delivered within the		

	defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
09/2022 to 11/2022	Project Manager- Poliscan Speed MDSHA- Qt. 10 Enforcement Systems Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
12/2022 to Current	Project Manager- Poliscan Speed Manassas- Qt. 5 Enforcement Systems Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
01/2023 to Current	Project Manager- Poliscan Speed Fairfax- Qt. 10 Enforcement Systems Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.
01/2023 to Current	Project Manager- Poliscan Speed Rockville- Qt. 20 Enforcement Systems Create and Maintain project schedule to ensure on time and on budget delivery of project. Communicate with the sales team to receive, and process orders from customers. Maintain project costs to ensure project is delivered within the defined budget. Monitor procurement/delivery/shipment. Monitor all financial aspects of project. Act as first contact with customer at project level. Facilitate the creation of meetings and other communication methods as needed to execute and deliver the project.

Firm employed by : Vitronic Machine Vision, Ltd				
Name	Daniel Walker		Years of relevant experience with this employer	4
Title	Service Manager		Years of relevant experience with other employer(s)	N/A
Degree(s) / Years / Specialization		Associates Degree in electrical engineering and 4 years of specialization		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Main technician on the Vitronic POLISCAN SECO systems		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/2023 to Current	Service Manager of Traffic. Support customer needs including hardware and software of Poliscan systems. Responsible for issuing quotes and invoicing purchase orders. Certified to train customers on Poliscan speed system (FM1).			
11/2022 to 01/2023	Hardware and software support for Poliscan speed systems in Montgomery Co MD speed program. Installed software and hardware for ALPR feature. Installed IR flashes for the CCHs.			
03/2023 to Current	Support day to day operation for Poliscan speed systems in Maryland, Rhode Island, and Alberta Canada. Repair and certify systems.			
06/2019 to 03/2020	Support for the Prince George County MD speed program for the deployment of Poliscan FM1s. Repair and certify systems including hardware and software. Support customer on user software or issue resolution.			

Firm employed by: National Services, LLC			
Name	Fielden Torstrick	Years of relevant experience with this employer	7
Title	Sr. Project Manager	Years of relevant experience with other employers (s)	N/A
Degree(s) / Years / Specialization		BS Business Admin / 2007 / 7 years as senior project manager	
Active registration number/state/expiration date		N/A	
Year Registered	N/A	Discipline	
Contract role(s) / brief description of responsibilities		Senior Project Manager of Photo Enforcement and Security Cameras	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/2014 to present	<p>Sr. Project Manager/ Program Manager Responsible for overseeing internal team of 6 Project Coordinators and 100+ field staff to successfully maintain schedule, quality and meet customer SLA's. Manages and schedules service/installation activities for multiple customers resulting in over 100,000+ visits to survey, service, install, remove or upgrade various deployed assets (Kiosks, ATMs, Smart City Solutions, POS systems, digital signage, A/V systems) Responsible for managing field operations break/fix support for over 2,000 photo enforcement systems nationwide. Manage team of 28 field technicians in staff augmentations support of installing restaurant equipment in QSR and retail locations. Project Manager</p> <p>Managed program for large retail banking customers and the auditing of ATM fleet consisting of 15,000 units and 90,000 annual field visits. Collaborated with NSA clients to define scope of work and create documents and materials for training field staff. Designed workflow for managing and collecting visit data in NSA's mobile application platform to increase overall quality and efficiency. Managed inventory and distribution of project materials to the field.</p>		
04/2010 to 04/2014	Project Manager		

	<p>Managed program for large retail banking customers and the auditing of ATM fleet consisting of 15,000 units and 90,000 annual field visits.</p> <p>Collaborated with NSA clients to define scope of work and create documents and materials for training field staff.</p> <p>Designed workflow for managing and collecting visit data in NSA's mobile application platform to increase overall quality and efficiency.</p> <p>Managed inventory and distribution of project materials to the field.</p>
01/2007-04/2010	<p>Operations Planning Analyst</p> <p>Directly improved SLA and turnaround time for client transcription by co-creating a scheduling model and making weekly recommendations to operations managers and VPs on the correct shifts to schedule their employees</p> <p>Built a recruiting forecast for HR to properly align staffing needs with initiatives to increase speech recognition technology usage and offshore transcription work. Provided Ad Hoc reports for operational planning related to employee productivity/performance, scheduling/staffing, and speech recognition utilization.</p>

A photograph of a long, multi-span concrete bridge crossing a body of water. The scene is captured at sunset, with the sky transitioning from deep blue to bright orange and yellow. The sun is a glowing orb on the horizon, its light reflecting on the water's surface. The bridge's concrete pillars are visible, and the water reflects the bridge and the sky. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTION 17'. A small yellow circle is located at the bottom center of the image.

SECTION 17

Section 17: Firm Experience

Firm name	TollPlus, LLC		Past Performance Evaluation Discipline(s)*	ITS / Data Collection
Project name	CTRMA Pay-By-Mail System		Firm responsibility (prime or sub?)	Prime
Project number	None	Owner's name	Central Texas Regional Mobility Authority	
Project location	Austin, TX		Owner's Project Manager	Tracie Brown
Owner's address, phone, email	3300 N IH-35, Suite 300, Austin, TX 7870, (512) 695-6660, tbrown@ctrma.org			
Services commenced by this firm (mm/yy)	03/2018	Total consultant contract cost (\$1,000's)		\$70,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$70,000

Description: Central Texas Regional Mobility Authority (CTRMA) currently operates four different roadways, comprised of 28 tolled miles, across the greater Austin, TX area. Traffic is made up of both Automatic Vehicle Identification (tagged) transactions and Pay-By-Mail (non-tagged) transactions. For those transactions that are determined to be Pay-By-Mail, the Authority will pursue them in a variety of ways including, but not limited to, Notices, Collections and Court.

Scope of Work: In 2018, our team delivered for the CTRMA and NET RMA the planning, design, and deployment of the enhanced Pay-By-Mail (PBM) system. The delivered services included BOS and CSC Systems Operations & Maintenance, call center, website, account management, IVR, email, collections, mailings, and court packages. The system handles all account based and video accounts including transaction processing; invoice generation, aging, escalation to collections and court processing; enforcement and habitual violator processing; various other third-party interfaces including print/mail, collections, DMV, payments processing using Chase, Lockbox processing, and third-party retailer payments. Services also include staffing of the CSC, account management, website management, inventory management, support for enforcement, multiple payment channels including IVR, website, retail, revenue management, and system monitoring and maintenance.

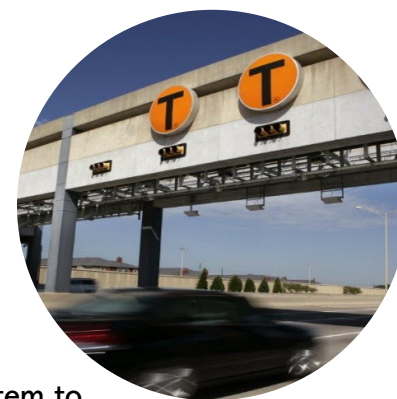


Relevance to DOTD:

<ul style="list-style-type: none"> Vehicle capture and transaction processing 	<ul style="list-style-type: none"> Image review processing and quality management 	<ul style="list-style-type: none"> Violation generation, processing and collections
<ul style="list-style-type: none"> Financial reconciliation 	<ul style="list-style-type: none"> DMV name and address acquisition 	<ul style="list-style-type: none"> Multi-channel payment and inquiry processing
<ul style="list-style-type: none"> Print/Mail services 	<ul style="list-style-type: none"> Self-service payment portal 	<ul style="list-style-type: none"> Account Management

Firm name	TollPlus, LLC		Past Performance Evaluation Discipline(s)*	ITS / Data Collection
Project name	North Texas Tollway Authority Back Office System		Firm responsibility (prime or sub?)	Prime
Project number	04482-NTT-00-CS-IT	Owner's name	North Texas Tollway Authority	
Project location	Dallas, TX		Owner's Project Manager	Juhi Chawla
Owner's address, phone, email	P.O. Box 260928 Plano, Texas 75026, jchawla@ntta.org, (469) 826-4644			
Services commenced by this firm (mm/yy)		Total consultant contract cost (\$1,000's)		
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm (\$1,000's)		

Description: Design, implement, and maintain its new Back Office Toll Collection System. NTTA needed a new system to process all transponder-based and license-plate based toll transactions on its roadway network as well as on other Agencies' toll roads in the North Texas region. The BOS also accounts for transponder-based parking at DFW International Airport and Dallas Love Field via a NTTA TollTag. The system was deployed in January 2021, with no interruption in service to NTTA customers and other stakeholders, including a new web customer portal and a new downloadable app (Tollmate).



Scope of Work: TollPlus was selected by NTTA in 2018 to design, implement, and maintain its new Transaction Processing Back Office Toll Collection System. NTTA needed a new system to process all transponder-based and license-plate based toll transactions on its roadway network as well as on other Agencies' toll roads in the North Texas region via Tolling Services Agreements (TSAs). The BOS also accounts for transponder-based parking at DFW International Airport and Dallas Love Field via a NTTA TollTag. The system was deployed in January 2021, with no interruption in service to NTTA customers and other stakeholders, including a new internet customer portal and a new downloadable mobile application.

Relevance to DOTD:

• Vehicle capture and transaction processing	• Image review processing and quality management	• Violation generation, processing and collections
• Financial reconciliation	• DMV name and address acquisition	• Multi-channel payment and inquiry processing
• Print/Mail services	• Self-service payment portal	• Account Management

Firm name	TollPlus, LLC		Past Performance Evaluation Discipline(s)*	ITS / Data Collection
Project name	M50 Back Office System		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Transport Infrastructure Ireland (TII)	
Project location	Dublin, Ireland		Owner's Project Manager	Cathal Masterson
Owner's address, phone, email	Parkgate Business Centre, Parkgate Street, Dublin 8, D08 DK10, Ireland, cathal.masterson@tii.ie, +353871388494			
Services commenced by this firm (mm/yy)	03/2019	Total consultant contract cost (\$1,000's)		\$55,900
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$55,900

Description: Design, implementation, and maintenance of a Back Office System (BOS) to service the M50 motorway in Dublin, Ireland by processing On-board Unit (OBU) and video-based toll transactions to post to TII's eFlow customer accounts.

Scope of Work: The TollPlus transaction processing back office offers functionality including the processing of exchanged interoperable transactions within Ireland's interoperability network, a self-service customer portal, enforcement and account management services, finance management, inventory management, and interfaces to the other portions of the M50 solution such as IVR and Operational Back Office (OBO). The project was successfully deployed in August 2021 and will continue forward in the maintenance period of the 11-year service contract.



Relevance to DOTD:

• Vehicle capture and transaction processing	• Image review processing and quality management	• Violation generation, processing and collections
• Financial reconciliation	• DMV name and address acquisition	• Multi-channel payment and inquiry processing
• Print/Mail services	• Self-service payment portal	• Account Management

Firm name	TollPlus, LLC		Past Performance Evaluation Discipline(s)*	ITS / Data Collection
Project name	CCRMA Back Office System, Pharr International Bridge		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Cameron County Regional Mobility Authority (CCRMA)	
Project location	Rancho Viejo, TX		Owner's Project Manager	Lulu Mayorga
Owner's address, phone, email	3461 Carmen Avenue, Rancho Viejo, TX 78575, lmayorga@ccrma.org, (956)621-5571			
Services commenced by this firm (mm/yy)	01/2020	Total consultant contract cost (\$1,000's)		\$72,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$72,000

Description: The Cameron County Regional Mobility Authority (CCRMA) was created in 2004 to find new and innovative solutions to reduce congestion, improve connectivity, and facilitate economic development within Cameron County. It has been tasked, along with its neighbor to the South, the State of Tamaulipas, to improve mobility at a rapid pace.

Scope of Work: TollPlus implemented a BOS in December 2016 encompassing toll processing of lane system data, automated replenishment of customer accounts, financial processes, reporting, an image review system, system monitoring, and operations management. Benefits to customers included new account management features, additional payment options, including the Register by Plate (RBP) alternative account program, a user-friendly website, and customer correspondence. The system was deployed on cloud-ready infrastructure with a de-coupled service oriented architecture (SOA). To minimize capital and ongoing maintenance costs, a multi-tenant deployment solution using Rackspace was utilized. In 2018 and 2020 the system was enhanced, adding international interoperability functionality by utilizing transponder-based accounts for the United States and Mexico border including International Bridge interfaces at the Pharr International Bridge and Cameron County International Bridge, open road charging, pedestrian charging, and parking charging at coastal park facilities in Cameron County.



Relevance to DOTD:

<ul style="list-style-type: none"> Vehicle capture and transaction processing 	<ul style="list-style-type: none"> Image review processing and quality management 	<ul style="list-style-type: none"> Violation generation, processing and collections
<ul style="list-style-type: none"> Financial reconciliation 	<ul style="list-style-type: none"> DMV name and address acquisition 	<ul style="list-style-type: none"> Multi-channel payment and inquiry processing
<ul style="list-style-type: none"> Multi-modal support 	<ul style="list-style-type: none"> Self-service payment portal 	<ul style="list-style-type: none"> Interoperability, US/Mexico boarder, Central US IOP Hub

Firm name	TollPlus, LLC	Past Performance Evaluation Discipline(s)*	ITS / Data Collection
Project name	91EL Back Office System & Customer Services Center Operations Services	Firm responsibility (prime or sub?)	Prime
Project number	C-9-1177	Owner's name	Orange County Transportation Authority
Project location	Orange County, CA	Owner's Project Manager	Kirk Avila
Owner's address, phone, email	550 S. Main Street, Orange, CA 92868, kavila@octa.net, (714) 560-6282		
Services commenced by this firm (mm/yy)	01/2020	Total consultant contract cost (\$1,000's)	\$72,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$72,000

Description: The 91 Express Lanes is a four-lane, 18-mile toll road built in the median of State Route (SR)-91 between the SR-55/SR-91 interchange, and the SR-91/Interstate I-15 interchange. The 91 Express Lanes uses congestion management pricing to adjust tolls based on the traffic volumes. Originally opened in 1995 within Orange County, the road covered 10 miles from entry point to the county line. In 2017, Cofiroute worked with RCTC to deploy an extension of an additional 8 miles to the 91 Express Lanes to provide customers with the option to continue their trip into and from Riverside County.



Scope of Work: Transaction and Violation Processing System, including Customer Service Operations. The system and program include account creation and management; customer alerts and notifications; case management, complaints, and disputes; transactional and financial reconciliation; interfaces to airports, parking facilities, mail house, and other third-parties; violation processing, collections activities, address management, transponder inventory management, payment processing, and correspondence processing. We also design, create, and manage the customer portal that allows customers to self-service their accounts, manage vehicles, and make payments. Additionally, we are responsible for the BOS monitoring system, security, backup and disaster recovery, business continuity, and oversight and operations of the traffic operations center

Relevance to DOTD:

• Vehicle capture and transaction processing	• Image review processing and quality management	• Violation generation, processing and collections
• Financial reconciliation	• DMV name and address acquisition	• Multi-channel payment and inquiry processing
• Print/Mail services	• Self-service payment portal	• Account Management

Firm name	Vitronic Machine Vision, Ltd.	Past Performance Evaluation Discipline(s)*	Traffic / ITS
Project name	Maryland SHA	Firm responsibility (prime or sub?)	Sub
Project number	106207	Owner's name	Maryland Department of Traffic
Project location	Maryland, USA	Owner's Project Manager	Unable to share due to NDA
Owner's address, phone, email	7201 Corporate Center Drive Hanover, Maryland, U.S., (410) 865-1000		
Services commenced by this firm (mm/yy)	04/2010	Total consultant contract cost (\$1,000's)	\$1,200
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,200

Description: Maryland SafeZones works. In the work zones where SafeZones Automated Speed Enforcement (ASE) systems are deployed, drivers are slowing down, as evidenced by the drop in the percentage of citations issued at these work zones. Since 2010, SafeZones has been deployed at 98 enforcement locations in work zones on Interstates, National Highways and Maryland State Routes.

When the program began, seven percent of drivers in SafeZones enforced work zones exceeded the speed limit by 12 miles per hour (mph) or more. Today, only about 1 driver out of 100 exceeds the speed limit by 12 mph or more, showing a near 90 percent reduction in the number of vehicles traveling 12 mph or more above the work zone speed limit.



Scope of Work: Partner deployment of vehicles with scanning LiDAR based automated speed enforcement systems in work zones on Maryland highways. Initial deployment in 2010 and was renewed with updated Scanning LiDAR based equipment through operations partner in 2022.

Relevance to DOTD:

<ul style="list-style-type: none"> Section Speed Zone Enforcement Systems 	<ul style="list-style-type: none"> Scanning LiDAR 	<ul style="list-style-type: none"> 90% reduction in excessive speed
<ul style="list-style-type: none"> Changed driver behavior 	<ul style="list-style-type: none"> Lowered overall speeds and vastly reduced overspeeders 	<ul style="list-style-type: none"> Improved safety in zone

Firm name	Vitronic Machine Vision, Ltd.	Past Performance Evaluation Discipline(s)*	Traffic / ITS
Project name	Montgomery County, MD	Firm responsibility (prime or sub?)	Sub
Project number	107092	Owner's name	Montgomery County, MD
Project location	Maryland, USA	Owner's Project Manager	Unable to share due to NDA
Owner's address, phone, email	101 Monroe Street, 2nd Floor Rockville, MD 20850, (240) 777-0311		
Services commenced by this firm (mm/yy)	04/2016	Total consultant contract cost (\$1,000's)	\$5,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$5,000

Description: Relative to speeds of drivers on roads in the comparison community, the proportion of drivers in Montgomery County traveling more than 10 mph above posted speed limits declined by about 70% at locations with both warning signs and speed camera enforcement, 39% at locations with warning signs but no speed cameras, and 16% on residential streets with neither warning signs nor speed cameras. A 2016 IIHS study found Montgomery County's program led to a 62-percent reduction in the likelihood that a vehicle was traveling more than 10 mph above the speed limit at camera sites. The program also led to a 39-percent reduction in the likelihood that a crash resulted in an incapacitating or fatal injury, according to the study.



Scope of Work: Deployment and full service operation of scanning LiDAR based automated speed enforcement systems in school zones across Montgomery County. Initial deployment started in 2007 and was renewed and expanded with updated scanning LiDAR based equipment through operations partner in 2022.

Relevance to DOTD:

<ul style="list-style-type: none"> Section Speed Zone Enforcement Systems 	<ul style="list-style-type: none"> Scanning LiDAR 	<ul style="list-style-type: none"> 70% reduction in excessive speed
<ul style="list-style-type: none"> Changed driver behavior 	<ul style="list-style-type: none"> Lowered overall speeds and vastly reduced overspeeders 	<ul style="list-style-type: none"> Improved safety in zone

Firm name	National Services, LLC	Past Performance Evaluation Discipline(s)*	Traffic / ITS
Project name	Photo Enforcement Solutions Support	Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Major Photo Enforcement Company
Project location	US – National Project (Multi-State)	Owner's Project Manager	Under NDA
Owner's address, phone, email	Unable to share due to NDA		
Services commenced by this firm (mm/yy)	04/2016	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)	\$10,000

Description: NSA has been the national field service partner for the largest photo enforcement company in the U.S. since 2016. We have dedicated technicians in major metropolitan city that perform field service work to keep the largest fleet of photo enforcement cameras in the U.S. up and running.

Scope of Work: Providing technicians and bucket trucks to install, maintain, and repair one of the largest fleets of photo enforcement cameras in the U.S. Our technicians perform these services throughout the U.S. while meeting required SLAs.

Relevance to DOTD:

• Section Speed Zone Enforcement Systems	• Traffic Camera Installation	• Speed Zone Photo Enforcement
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A photograph of a long, multi-span concrete bridge crossing a body of water. The scene is captured at sunset, with a vibrant orange and yellow sky reflecting on the water's surface. The bridge's concrete pillars are visible on both sides, and the water is calm, creating clear reflections. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTION 18'. A small yellow circle is located at the bottom center of the image.

SECTION 18

Section 18: Approach and Methodology

We are pleased to submit this response to the Louisiana DOTD for the Atchafalaya Basin Speed Enforcement System Advertisement for Engineering and Related Services. Our fully functional and compliant solution aligns with DOTD goals and objectives to provide a violation detection and back-office system that:

- Accurately captures time-stamped images
- Automatically calculates the average speed between detection points
- Is customer-focused, provides a real-time 360-degree view of the customer, and provides a consistent and efficient customer service system for DOTD operation
- Prioritizes data and system security throughout the project ecosystem
- Safeguards the integrity of customer data
- Leverages technology for consistent accuracy and gained efficiencies
- Is flexible working with DOTD stakeholders and third-party partners
- Is future-proofed to take advantage of new and emerging technologies
- Guarantees a robust financial module that significantly reduces revenue leakage

As a trusted provider in the mobility and ITS markets with a proven track record in implementing violation enforcement and back-office systems, we bring the necessary experience and expertise to ensure the success of this critical project for DOTD. Within the last 24 months, we have deployed our BOS product to production on the North Texas Tollway Authority (NTTA) and TII (Transport Infrastructure Ireland) back-office projects. These deployments included enhanced and improved functionality and were completed seamlessly. We also bring to DOTD an accomplished team with Vitronic's high-performance technology for improving safety, and our Baton Rouge-based registered professional engineering services provided by Structural Consultants, LLC.

Violation Detection and Section Control (SECO)

TollPlus is pleased to offer an integrated violation detection system leveraging the experience and unsurpassed performance of the Vitronic POLISCAN FM1, the latest generation of automated traffic monitoring systems. With its advanced, laser-based LIDAR sensor technology, POLISCAN FM1 can capture and document speed and travel times. The standardized measuring procedure provides complete and legally admissible documentation for all charged violations. The benefits of the POLISCAN FM1 are:

- Simultaneous capture of multiple vehicles on up to four lanes
- Differentiation between several vehicle classes
- Detection of parallel or overtaking vehicles even in dense traffic

- Non-invasive detection (No in-road sensors required)
- Time synchronization occurs reliably via GPS or an external time server Measurement and documentation of vehicles following each other closely, i.e., “tailgating.”
- Unambiguous assignment of measured values to individual vehicles (using frames in the evidence image)
- Mobile, stationary, and semi-stationary applications with just one system
- Can be used even in locations such as construction sites, curves, tunnels, and complicated areas
- Monitoring of approaching and receding traffic at one enforcement site
- Roadside or gantry installation

When using the POLISCAN FM1 for Violation Detection and Section Control, the system automatically calculates the average speed the vehicles travel between each section being monitored. Vehicles are automatically and accurately recorded when they enter and exit a defined road area using vehicle identification via Automated License Plate Recognition (ALPR). This technology coupled with the TollPlus solution leverages the latest AI-based license plate recognition (LPR) offering very high accuracy and automation rates that will maximize violation detection and improve roadway safety.

With easy plug-and-play installation, the proposed solution provides a modular design for different traffic scenarios, including fixed, semi-stationary, or mobile. Our maintenance-minded design and installation provide a highly reliable solution that’s easy to troubleshoot and isolate issues timely, maximizing operational availability. Physical security is provided through a tamper-proof hardened cabinet to minimize outages due to potential vandalism.

Lower Operational Costs. POLISCAN FM1 has optimized power consumption. In addition, using one technology platform for different enforcement applications reduces the need for additional ancillary systems, training and ensures the interoperability of individual systems. Operational and maintenance support provided remotely with continuous real-time system analysis and reporting.

Back Office System

The TollPlus Back Office System (BOS) application has been successfully implemented for multiple clients, which we propose as the BOS for use by ABB DOTD and its customers. It is a unified, advanced system with rich customer relationship management (CRM) capabilities. Our system is a fully integrated solution, encompassing functionality for Account Management, Violation and Enforcement Billing, Finance, Reconciliation and Reporting, Case management (dispute, appeals, and hearing management), and Omnichannel customer service interactions, including a self-service portal, mobile application, email, text, web chat, IVR, Chatbot (optional), etc., and self-service capabilities.

The TollPlus transaction and violation processing BOS is an innovative system based on open standards and service-oriented architecture. It comes with a modular design that enables a plug-and-play architecture for integrating external third-party systems, including IVR, telephony, mail house, OMVs, and numerous others. It provides 100% transaction reconciliation with zero leakage and no single point of failure. Some critical elements of the system include: Microservices base architecture. A future-proof architecture

that includes the following benefits, Individual microservices are independently scalable, Microservices reduce downtime through fault isolation, Improved fault isolation helps in creating a resilient application, and better data security and compliance.

Security. Access controls are used for comprehensive identity and access management, integrating with Active Directory (AD) software, securing access to data, and simplifying user and group management. It combines core authentication services, advanced identity governance, security, and application access management.

Technology stack. Most layer components are found in the upper right quadrant (Leaders) for Gartner.

Popular database. Microsoft SQL Server has been consistently ranked among the top three (3) popular databases used for enterprise applications.

The TollPlus BOS application is developed using the latest framework and architecture to function efficiently and effectively throughout the project's lifespan. The TollPlus BOS is designed on the principle of processing in real-time for, Transaction processing, Violation Management, Payment processing, Finance entries, Customer communication channels (e.g., SMS, email, chat, etc.), and Citations sent to the print/mail house. Web service-based interfaces are also available for real-time processing, along with file/batch-based interface capabilities.

Payment Processing. We have performed numerous successful integrations with multiple third parties, including Wells Fargo – File-based lockbox, Chase – Credit Card processing, and QuestMark – Billing integration, to name a few.

Focus on reporting. A vital asset to the operator is access to useful and meaningful reporting. In addition to any project-specific required reporting, the TollPlus BOS provides out-of-the-box standard reporting to give insight into business process operations, traffic, and financial reporting to all or selected DOTD stakeholders. A well-informed operator can make good decisions on how best to manage the program long-term or adapt to the challenges presented.

OMV/In-state and Out-of-State (OOS) Lookups. The BOS comes equipped with proven functionality to integrate with in-state OMV departments and interface with out-of-state DMVs or 3rd party services providers for obtaining Register Owner Vehicle (ROV) demographics.

Transaction Processing Power & Scalability. The TollPlus BOS solution can securely process DOTD's projected daily transaction volume, with the scalability necessary to respond quickly to significant volume increases. In terms of performance, availability, and redundancy, the tolling-specific design and architecture of our BOS has demonstrated its ability to process high volumes of transaction data while achieving 24x7x365 availability. The system's modular architecture allows the smooth flow of information and the management of complex business rules through sophisticated configuration features.

Information Security. We offer service continuity, ensure secure data transfers and high resilience, and guarantee PCI DSS security compliance for free-flow operations. Our system has demonstrated these capabilities in past project implementations and in ongoing enforcement operations.

We are committed to creating a human-centered digital experience that goes beyond the desktop and promotes end-user mobility. Rooted in our quest for inclusive design and development, responsive design is at the core of each modern experience we create.

Figure 1 shows a specific example of a proposed TollPlus BOS Account Summary Page designed as a one-stop shop for a customer service representative (CSR) to access application data points when performing typical operations. These include Low/No Click, faster search, visual images, no scroll bars, drill-down capability, quick navigation to other modules, and conditional color-coding features – with a glance at the screen with an environment-friendly option to print and share securely using email electronically. This design supports multiple languages and makes web content more accessible to people with disabilities that follows Web Content Accessibility Guidelines (WCAG) 2.1, ADA, and ISO standards, providing a framework that guarantees a uniformly mobile accessible experience.

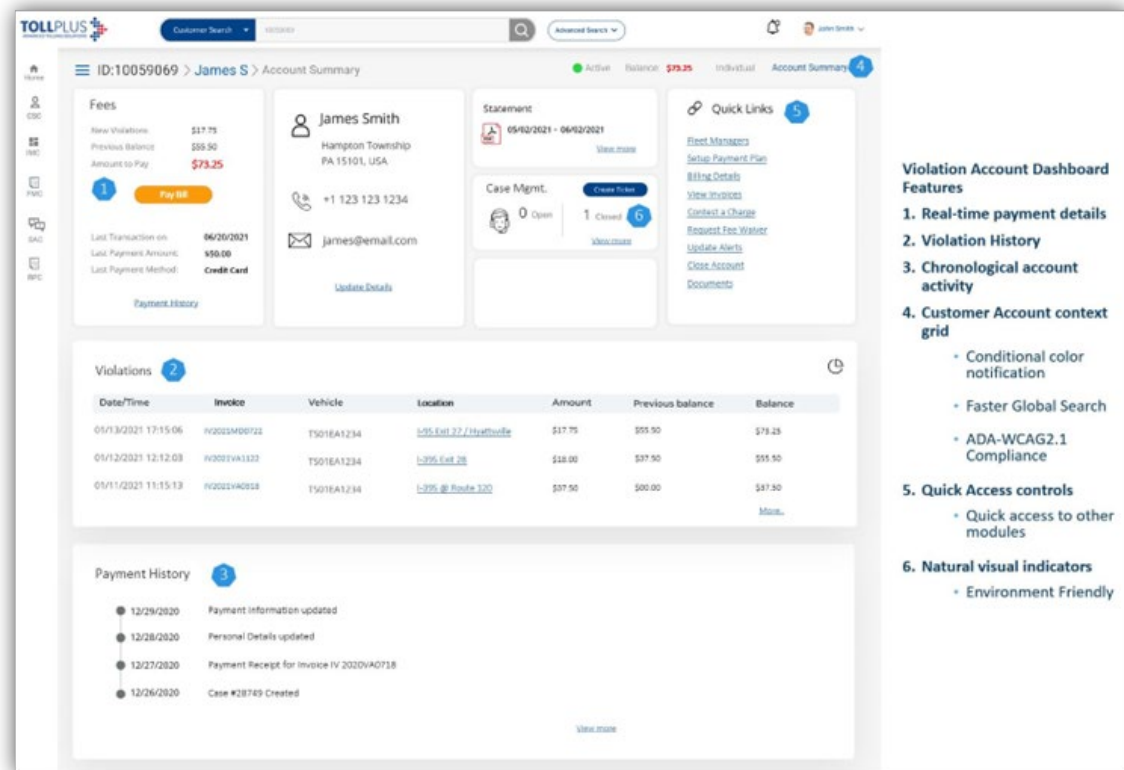


Figure 1: Account Management Functionality

In choosing our team, the DOTD will gain a system partner focused on open communications and dedicated to a collaborative, transparent, and candid approach to our partnership. We are focused on technology that supports innovation and automation and progressive systems that are comprehensive, scalable, secure, easy to configure, and are designed to improve speed control, safety, and violation collection efficiency. Our track record of successful implementations sets us up perfectly for additional success in Louisiana. Our vital technical leaders are experienced in implementing projects specific to enforcement environments. No other team is more qualified to meet the system requirements and sustain a quality-driven culture focused on innovation, security, and data reliability.

A photograph of a long, multi-span concrete bridge crossing a wide river. The scene is captured at sunset, with the sky filled with dramatic, dark clouds and a bright orange glow from the setting sun. The sun's reflection is clearly visible on the calm water surface. The bridge's concrete pillars are reflected in the water. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTION 19'. A small yellow circle is located at the bottom center of the image.

SECTION 19

Section 19: Workload

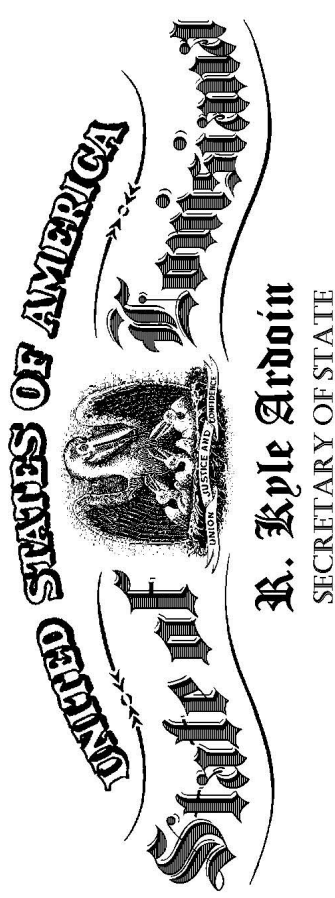
Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
TollPlus, LLC	N/A	N/A	N/A	N/A
Vitronic Machine Vision, Ltd	N/A	N/A	N/A	N/A
Structural Consultants, LLC	N/A	N/A	N/A	N/A
National Services, LLC (DBA-NSA)	N/A	N/A	N/A	N/A

A long bridge with many concrete pillars spans a wide river. The sun is setting in the distance, creating a bright orange and yellow glow that reflects on the water. The sky is filled with dark, dramatic clouds. A large, light blue speech bubble with a white outline is positioned on the left side of the image, containing the text 'SECTION 20'. A small yellow circle is located at the bottom center of the image.

SECTION 20

Section 20: Certifications / Licenses: State of Louisiana Professional Engineering Licenses

TollPlus, LLC Certificate of Authority



As Secretary of State of the State of Louisiana I do hereby Certify that

the Application Form for Certificate of Authority of

TOLLPLUS, LLC

Domiciled at WILMINGTON, DELAWARE,

Was filed and recorded in this Office on March 14, 2023.

Thus authorizing the limited liability company to exercise the same rights and privileges accorded similar domestic limited liability companies, subject to the provisions of R. S. Title 12, Chapter 22, Part VIII.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

March 14, 2023

Secretary of State
WEB45308619Q



Certificate ID: 11701088#A4P83

To validate this certificate, visit the following web site, go to **Business Services**, Search for **Louisiana Business Filings**, Validate a **Certificate**, then follow the instructions displayed.
www.sos.la.gov

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R. Kyle Ardoim

SECRETARY OF STATE

As Secretary of State of the State of Louisiana I do hereby Certify that

STRUCTURAL CONSULTANTS, LLC

A limited liability company domiciled in PRAIRIEVILLE, LOUISIANA,

Filed charter and qualified to do business in this State on October 06, 2003,

I further certify that the records of this Office indicate the company has paid all fees due the Secretary of State, and so far as the Office of the Secretary of State is concerned, is in good standing and is authorized to do business in this State.

I further certify that this certificate is not intended to reflect the financial condition of this company since this information is not available from the records of this Office.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

February 28, 2023

R Kyle Ardoim

Secretary of State

Web 35568366K



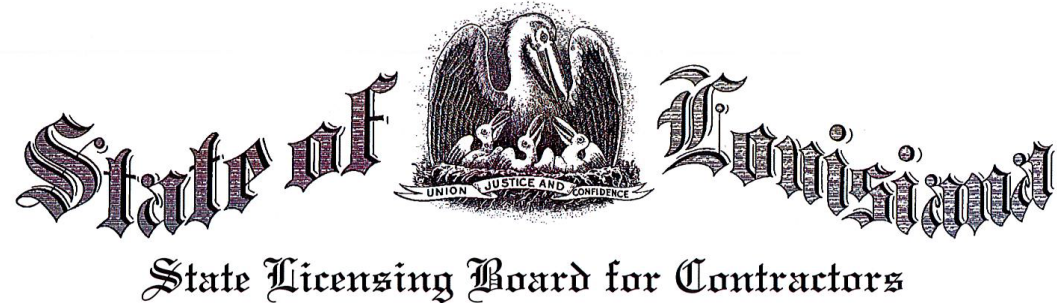
Certificate ID: 11693589#7DS93

To validate this certificate, visit the following web site, go to **Business Services, Search for Louisiana Business Filings, Validate a Certificate**, then follow the instructions displayed.
www.sos.la.gov

Structural Consultants, LLC. Engineer Certificates

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Thomas Steven Lach	
License/Certificate Type - Number	Expiration Date
PE.0031662	09/30/2023
Status: Active	

National Services, LLC Contracting License

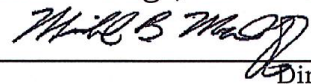


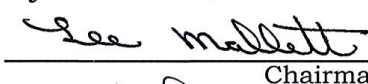
This is to Certify that: NATIONAL SERVICES, LLC OF TENNESSEE
315 Trane Drive
Knoxville, TN 37919

is duly licensed and entitled to practice the following classifications
BUILDING CONSTRUCTION



Witness our hand and seal of the Board dated,
Baton Rouge, LA 9th day of January 2022


Director


Chairman

Expiration Date: January 8, 2025

License No:67366

This License Is Not Transferrable


Treasurer

A photograph of a long, multi-span concrete bridge crossing a wide river. The scene is captured at sunset, with the sky filled with dramatic, dark clouds and a bright orange glow from the setting sun. The sun's reflection is clearly visible on the calm water surface. The bridge's structure, including its numerous piers and railings, is reflected in the water. A large, light blue speech bubble with a white outline is positioned on the left side of the image, partially overlapping the bridge. Inside the bubble, the text "SECTION 21" is written in a bold, dark blue font. A small yellow circle is located at the bottom center of the image, below the bridge.

SECTION 21

Section 21: QA/QC Plan

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

N/A

A photograph of a long, multi-span concrete bridge crossing a wide river. The scene is captured at sunset, with a vibrant orange and yellow sky reflecting on the water's surface. The bridge's numerous concrete piers are visible, receding into the distance. A large, light blue speech bubble with a white border is positioned on the left side of the image, containing the text 'SECTION 22'. A small yellow circle is located at the bottom center of the image.

SECTION 22

Section 22: Subconsultant Information

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Vitronic Machine Vision, Ltd	11900 Plantside Drive, Louisville, KY 40299	Niclas Andersson, Niclas.andersson@vitronic.com	(650) 943-3216
Structural Consultants, LLC	37459 Ultima Plaza Blvd, Suite B217, Prairieville, LA 70769	Sonny Cantelli sonny.cantelli@structural- consultants.net	(225) 388-5467 ex 500
NATIONAL SERVICES, LLC of TENNESSEE	315 Trane Drive, Knoxville, TN 37919	Byron Tabor, Byron.Tabor@nsafielddservice.com	(936) 206-4535

A photograph of a long, multi-span concrete bridge crossing a wide river. The scene is captured at sunset, with the sky transitioning from deep blue to bright orange and yellow. The sun is a glowing orb on the horizon, its light reflecting off the water and the bridge's surface. The bridge's concrete pillars are visible, supporting the roadway. A large, light blue speech bubble with a white outline is positioned on the left side of the image, partially obscuring the bridge. Inside the bubble, the text "SECTION 23" is written in a bold, dark blue font. A small yellow circle is located at the bottom center of the image, below the bridge's reflection.

SECTION 23

Section 23: Location:

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

N/A