

In Response:

Charlotte County, Florida School Zone Speed Enforcement Program

RFP: 20250231

Submitted On: March 5, 2025

Supplier Proposal Compliance:

Blue Line Solutions certifies that: (I) the proposal is accurate and complete; (II) the proposal is prepared in accordance with the solicitation requirements, and includes all information, content, responses, and appendices requested and, (III) that all required communication, format and submission instructions have been followed. BLS is qualified legally to Contract within the State of Florida.

This Proposal is Valid for 120 Days.



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Blue Line Solutions makes no exceptions to this RFP and acknowledges that this submission is subject to disclosure under Chapter 119 of the Florida Statutes (Public Records Law).

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LETTER OF INTRODUCTION

Purchasing Division
Suite 344
Charlotte County Administration Center
18500 Murdock Circle
Port Charlotte, FL 33948-1094

Ms. Mills:

Thank you for the opportunity to submit a propoPlease do not hesitate to contact us if you have any questions or require further information and traffic technology company dedicated to reducing speeding incidents, red-light violations, and roadway hazards through advanced technology, ultimately saving lives and minimizing roadway injuries.

Founded in 2010 in Athens, TN, BLS was created to advance highway safety, leveraging my background as a former Chief Deputy in East Tennessee and Administrator for the TN Governor's Highway Safety Office. Since moving to

BLS Reduces Speeding by up to 95% Chattanooga in 2017, we've expanded our technology to include automated red-light enforcement, noise ordinance enforcement, and comprehensive highway safety programs.

Our Chattanooga headquarters houses our citation processing department, service technicians, Computer Network Operations Center (CNOC)

engineers, software developers, and permitting managers. These resources ensure localized, high-quality customer service for both city agencies and citation recipients. Additionally, with satellite offices in Hollywood, FL; Girard, OH; and Shreveport, LA, and plans to open a Connecticut office in 2025, we're positioned to provide fast, reliable support wherever needed. What sets BLS apart from other automated enforcement companies is our mission: enhancing community and highway safety by reducing speeding and red-light violations. Our focus isn't on issuing citations but on

changing driver behavior through a comprehensive approach that integrates public information and education (PI&E), community transparency, and enforcement. This model mirrors the National Highway Traffic Safety Administration's (NHTSA) successful "Click It or Ticket" (CIOT) program.

Our efforts have led to up to a 95% reduction in speeding through school zones nationwide, as recognized by the Governor's Highway Safety Association (GHSA). We've achieved these results in diverse communities, including Mt. Pleasant, TN; Savannah, GA; Hollywood, FL; Youngstown, OH; and Buffalo, IA. Our scalable

programs support municipalities of all sizes, from five to ninety-six active enforcement cameras, and contribute to broader highway safety initiatives.

Blue Line Solutions manages over 77 Automated Photo Speed Enforcement Programs across the nation, utilizing fixed, handheld, and mobile solutions. With partners in 6 states using 620 cameras, we have processed 2.2 million citations in the past five years. This represents an annual average growth rate of 38%, with a total of 485% growth in five years (2019-2024). We are fully committed to <u>Vision Zero!</u>



THE NUMBERS TELL THE STORY

Initial speed studies collected in 2020 showed, 35,708 vehicles traveling through the school zones in Lawrenceville, every week were speeding Together, through public information, education, and enforcement, we have reduced the number of speeders by 92% in the first two full months of the program. This reduction was achieved even with a significant increase in traffic.

What does all this mean for the children that attend schools here? Lawrenceville is a safer place to walk, play, and learn!

We provide outstanding pricing to meet Charlotte County's needs. We stand ready as a reliable and innovative partner.

Sincerely,

Mark Hutchison

Mach Hutchuson

Founder & CEO







Our history of innovation in implementing turnkey LiDAR-only detection systems distinguishes us in an industry where competitors often rely on outdated radar technology

A. QUALIFICATIONS AND EXPERIENCE OF FIRM AND STAFF

Qualifications and Experience of Blue Line Solutions and Staff

BLS Program Overview

Blue Line Solutions (BLS) operates over 78 Automated Photo Speed Enforcement Programs nationwide, utilizing fixed, handheld, and mobile enforcement solutions. Our programs are currently active in six states with 625 deployed devices, with contracted expansion for 300 additional units across two states. BLS prioritizes public safety and community trust, focusing enforcement efforts in school zones and construction areas to reduce speeding, enhance pedestrian safety, and support local law enforcement initiatives.

Firm Overview

Blue Line Solutions (BLS) is a **Chattanooga, TN-based** automated speed enforcement (ASE) company specializing in **School Zone Safety Programs**, **Work Zone Safety Programs**, and **Automated Traffic Enforcement**. Since its founding, BLS has grown to serve multiple jurisdictions nationwide with a mission to **reduce speeding**, **prevent crashes**, **and enhance roadway safety** through cutting-edge technology and data-driven solutions.

With an **industry-leading LiDAR speed enforcement system** and a strong emphasis on **public education and compliance**, BLS has successfully implemented traffic safety programs that have resulted in measurable reductions in speeding and violations.

BLS differentiates itself with:

- **Highly accurate, single-lane LiDAR technology**, improving citation accuracy.
- **Comprehensive turn-key solutions**, including site selection, installation, violation processing, and court support.
- A strong emphasis on public information and education (PI&E) to ensure community transparency and support.

Staff Qualifications and Experience

BLS employs a highly skilled, diverse team of professionals, many of whom have backgrounds in law enforcement, engineering, technology development, legal services, and customer support. The team is strategically structured to ensure the seamless operation of ASE programs, from installation to public engagement.



Leadership Team

- Mark Hutchison Founder & CEO
 - Former Chief Deputy in East Tennessee and Law Enforcement Administrator for the TN Governor's Highway Safety Office.
 - o Over **20 years of experience** in traffic safety, law enforcement, and public safety initiatives.
 - Extensive experience in developing and executing highway safety programs across multiple states.

Jason Friedberg – VP of Sales

- 15+ years of experience in government contracting and law enforcement technology sales.
- Expertise in automated enforcement program implementation and municipal partnerships.

Operations and Engineering Team

- Field Operations and Service Technicians
 - Staffed with certified installation technicians and engineers with expertise in electrical systems, LiDAR, and camera-based traffic enforcement.
 - o **Camera Network Operations Center (CNOC)** monitors and maintains camera systems **24/7**, ensuring maximum uptime and real-time issue resolution.
 - o Trained in **non-intrusive installations**, ensuring compliance with local ordinances and minimizing infrastructure impact.

• Data Analysts and Compliance Officers

- o Experts in traffic data analysis, citation validation, and compliance reporting.
- Ensure that violation data is accurate, legally sound, and defensible in court.

Legal and Court Support Team

- Court Liaisons and Compliance Officers
 - Many are former law enforcement officers who provide expert testimony and citation review for contested violations.
 - Skilled in courtroom procedures and chain of evidence protocols, ensuring that all citations withstand legal scrutiny.

Customer Service & Processing Center

- Violation Processing Agents (located in Chattanooga, TN, and regional offices)
 - Responsible for violation verification, citation issuance, and customer support.
 - Ensures fast, efficient, and CJIS-compliant data processing.

Call Center Representatives

- Provide bilingual support for citizens with questions about citations, payment options, and court procedures.
- Handle court scheduling and dispute resolution.

Our Staff Resumes may be accessed by clicking this Link

Proven Experience in Traffic Safety



- Nationwide Impact: BLS has successfully implemented speed enforcement programs in multiple states, achieving up to a 95% reduction in speeding violations in some locations.
- Strong Government Partnerships: BLS collaborates with law enforcement agencies, city governments, and DOTs to develop and maintain traffic enforcement programs tailored to each jurisdiction's needs.
- Cutting-Edge Technology: BLS is the original provider of high-definition, singlelane video enforcement, improving citation accuracy and reducing contested violations.

With a **dedicated team of industry professionals**, BLS is well-positioned to execute automated enforcement programs **efficiently**, **legally**, **and transparently**.

B. UNDERSTANDING AND APPROACH

Blue Line Solutions School Zone Safety Program

The Blue Line Solutions (BLS) School Zone Safety Program is a data-driven, community-focused initiative designed to reduce speeding and enhance safety in school zones through a combination of public education, enforcement transparency, and cutting-edge technology. This approach has proven to reduce violations by up to 95%—most occurring before the enforcement phase begins.

Key Program Elements

- Data Collection & Measurement: BLS conducts 5-day speed studies and analyzes crash data to establish baseline metrics for measuring program success.
- **Public Information & Education (PI&E):** A multi-channel awareness campaign ensures the **community understands the program's goals and impact**.
- Community Engagement: Outreach is conducted via social media, city and police department platforms, and direct public communication.
- School Zone Enforcement: Enforcement begins only after the PI&E and warning phases, ensuring driver behavior changes through awareness before citations are issued.

Understanding of the Program & Needs

BLS recognizes Charlotte County's need for a comprehensive, technology-driven Automated Traffic Enforcement Safety Device (ATESD) Program. Our solution is focused on:

- ✓ Enhancing public safety by reducing violations and protecting pedestrians.
- ✓ Ensuring legal compliance with state and local traffic enforcement laws.
- ✓ Maximizing efficiency using LiDAR technology to minimize false positives.
- ✓ Improving public engagement & transparency through PI&E efforts.
- ✓ Providing a cost-neutral, violator-funded model with no financial burden on the County.

Approach to Implementation & Execution

- 1. Program Planning & Site Selection
- 🚺 **5-day speed studies** establish baseline traffic data.
- Collaboration with law enforcement & traffic engineers to identify high-risk areas.
- Site plans and permitting approvals secured before installation.



2. Cutting-Edge Technology Deployment

- LiDAR-Based Speed Enforcement Cameras:
 - o Single-lane precision prevents misidentifications in multi-lane traffic.
 - o Approved and validated in multiple jurisdictions.
 - Integrated Flasher Indicator Module ensures citation validity.
- Smart Data Management (NewGuard™):
 - CJIS-compliant cloud platform for real-time monitoring and citation processing.
 - o **Automated violation review** with officer approval workflow.
 - Comprehensive traffic analytics for data-driven decision-making.

3. Public Information & Education (PI&E) Strategy

- Multi-Channel Awareness Campaign:
 - o Press releases, local media engagement, radio/TV PSAs.
 - o Social media campaigns through city and police department platforms.
 - o Public meetings and Q&A sessions.
 - o **Printed outreach** via utility bills, school newsletters, and city websites.
- Clear Signage & Warnings:
 - o **High-visibility signage** installed in enforcement zones.
 - o Radar feedback signs alert drivers before citations begin.

4. Violation Processing & Compliance

- Officer-Approved Citations:
 - o Two-step human review ensures accuracy and judicial defensibility.
 - High-definition video & photographic evidence included with each citation.
- Court Support & Legal Compliance:
 - Dedicated Court Liaisons for case preparation and expert testimony.
 - Audit logs and chain-of-evidence documentation for contested violations.

5. Ongoing Maintenance & Customer Support

- Local Office in Hollywood, FL:
 - Physical service center for payments, citation disputes, and public inquiries.
 - Bilingual customer support available.
- 24/7 Camera Monitoring & Maintenance:
 - Daily system health checks through the Camera Network Operations Center (CNOC).
 - o **48-hour repair commitment** for any malfunctioning equipment.
- Data Security & Retention:
 - Violation images securely stored in compliance with CJIS and Florida regulations.
 - Encrypted cloud storage (NLETS NOVA) ensures data security.

C. FUNCTIONALITY AND DURABILITY OF EQUIPMENT

Functionality and Durability of Equipment

Blue Line Solutions (BLS) utilizes state-of-the-art, highly durable, and precision-engineered automated enforcement equipment designed to function in all weather



conditions and maintain high accuracy and reliability. The functionality and durability of our equipment ensure long-term performance, minimal maintenance, and a low total cost of ownership for client agencies.

1. Functionality of Equipment

A. LiDAR-Based Speed Enforcement Systems (Link)

- Technology: BLS uses LiDAR (Light Detection and Ranging) speed detection, which is more precise and reliable than traditional radar-based systems.
- Single-Lane Accuracy: LiDAR eliminates the possibility of misidentification in multilane traffic, ensuring that only the correct vehicle is cited.
- 24/7 Real-Time Monitoring: Each enforcement unit is equipped with a remote monitoring system that ensures constant operation and alerts the Camera Network Operations Center (CNOC) of any issues.
- Violation Capture:
 - High-definition still images and video recordings ensure clear, courtadmissible evidence.
 - Cameras capture multiple frames per second to track vehicle movement and identify violations with precision.
 - License Plate Recognition (ALPR) can be integrated for enhanced plate detection and verification.

B. FLASHER INDICATOR MODULE - CLICK FOR VIDEO (FIM-V)

The most important component of an automated enforcement program is the violation capture and evidential chain of custody. Likewise, the most overlooked element as it relates to automated speed enforcement in school zones is proof that the flashers were flashing when the cited vehicle drove through the school zone. This issue generally arises when a violator contests a citation and attends court. The Judge often asks for proof that the flashers were operational during the time in question, and if there is none, he/she often dismisses the citation for lack of evidence.

BLS has developed a proprietary device called a Flasher Indicator Module – Video (FIM-V). The system records the operation of the school zone flashers to ensure they were operating during the violation capture. The video can be provided to the court for evidential viewing by removable media or can log into the management system with the proper credentials.

2. Durability of Equipment



BLS enforcement hardware is built to withstand extreme environmental conditions and requires minimal maintenance.

A. Weather-Resistant and Ruggedized Design

- All-Weather Durability:
 - Rated for -40°F to 140°F operation, ensuring reliability in snow, rain, heat, and extreme weather conditions.
 - Waterproof and dustproof (IP67-rated enclosures) protect against heavy rain, humidity, and road debris.
- Corrosion-Resistant Materials:
 - Camera housing and mounting structures are made from marine-grade aluminum and stainless steel, preventing rust and weather-related degradation.

B. Vandalism and Tamper Protection

- Tamper-Resistant Enclosures:
 - Heavy-duty enclosures prevent unauthorized access or tampering.
 - Camera poles can be reinforced with impact-resistant materials to withstand potential collisions or vandalism.
- Real-Time Tampering Alerts:
 - If any unauthorized movement, impact, or tampering occurs, the system automatically sends an alert to the Camera Network Operations Center (CNOC).

C. Low-Maintenance, Self-Monitoring System

- Automated Daily System Health Checks:
 - o The **CNOC remotely monitors all enforcement units** for performance issues, system malfunctions, or data disruptions.
 - Issues are flagged before they impact enforcement operations, allowing for proactive maintenance.
- Energy-Efficient & Sustainable Power Options:
 - Hardwired or solar-powered configurations ensure continuous uptime, even in areas with limited electrical access.

3. Maintenance & Equipment Longevity

- Routine Preventive Maintenance:
 - Quarterly inspections and calibrations to ensure speed and violation detection accuracy.



- Software and firmware updates performed remotely to enhance system capabilities.
- 24/7 Support & 48-Hour Repair Guarantee:
 - If a camera or sensor experiences a malfunction, BLS guarantees repairs or replacements within 48 hours.
- Long-Term Performance Assurance:
 - The equipment is **designed to last 10+ years** with proper maintenance, making it a **cost-effective**, **long-term investment**.

D. SERVICE, SECURITY, AND SYSTEM SUPPORT

Service, Security, and System Support

Blue Line Solutions (BLS) provides a **comprehensive**, **end-to-end service model** that ensures **seamless program operation**, **strict data security**, **and 24/7 system support**. Our approach prioritizes **accuracy**, **compliance**, **and continuous uptime** to meet the highest standards of **law enforcement agencies and municipal partners**.

1. Service Model

A. Turnkey Enforcement Program Management

BLS offers a fully managed, no-cost, violator-funded solution, handling all aspects of installation, operations, maintenance, and customer service.

Key Service Features:

Site Selection & Permitting – Conducting speed studies, risk assessments, and handling all permitting requirements.

Equipment Installation & Configuration – Non-intrusive camera and sensor installations with **minimal roadway disruption**.

Ongoing Maintenance & Performance Optimization – Routine inspections, **calibrations**, and remote software updates.

Violation Processing & Court Support – Human-reviewed citations with **law enforcement approval** and **dedicated court liaisons**.



Experience with the Florida Uniform Citation – Link

Public Information & Education (PI&E) – Multi-channel outreach to **ensure transparency** and public engagement.

B. Customer & Violation Processing Support

BLS operates multiple customer service centers, including a local office in Hollywood, Florida (if applicable), to assist citizens with inquiries, payments, and contesting violations.

Customer Service Features:

- Bilingual, CJIS-Compliant Customer Support Agents (Available via phone and email)
- Payment Processing Options (Online, phone, check, and money order)
- A robust and secure online website, https://www.violationpayment.net, provides access for the violator to set up an account, view the violation, learn how to contest or transfer responsibility for the citation, and find a link to local court procedures.
- **Court Liaison Team** Assists the agency with case preparation, hearing scheduling, and **expert testimony** from our Agency Operations department. The loops are always closed after the scheduled hearing.

• 2. Security Standards & Compliance

Security is a **top priority** for BLS. Our **end-to-end encrypted system, secure data storage, and CJIS-compliant processes** ensure the highest level of protection for **violation records, law enforcement data, and payment transactions**.

A. Secure Data Storage & Access

- CJIS (Criminal Justice Information Services) Compliant Meets strict federal security protocols for sensitive law enforcement data.
- Encrypted Cloud Storage (NOVA) Violation data is stored in a secure, NLETS-hosted cloud platform, ensuring compliance with federal and state retention policies.
- Role-Based Access Controls (RBAC) Only authorized city officials, officers, and court staff can access enforcement data.
- Secure Violation Review & Approval Officers access violations via a web-based platform (NewGuard™), requiring multi-factor authentication (MFA).

B. Cybersecurity & Protection Against Threats



- Real-Time System Monitoring <u>The Camera Network Operations Center (CNOC)</u> continuously monitors system integrity, performance, and security events.
- Automated Intrusion Detection Systems (IDS) Detects unauthorized access attempts and prevents cyber threats.
- Tamper-Resistant Hardware Enforcement cameras are housed in impactresistant enclosures and feature remote alerts for tampering or unauthorized access.
- Regular Security Audits & Compliance Checks BLS undergoes third-party cybersecurity audits to ensure compliance with CJIS, NLETS, and state data security laws.
- 3. System Support & Maintenance

A. 24/7 System Monitoring & Support

BLS maintains a dedicated Camera Network Operations Center (CNOC) that provides real-time system health monitoring, troubleshooting, and proactive maintenance.

Key Support Features:

- Automated System Health Checks Monitors camera status, connectivity, and image quality.
- Remote Software & Firmware Updates Ensures the latest security patches and feature enhancements are applied.
- **48-Hour Equipment Repair & Replacement Guarantee** On-site technicians respond **within 48 hours** for maintenance.
- Automated Alerts for System Issues If a unit experiences power loss, camera misalignment, or tampering, the CNOC receives an immediate alert.

B. Proactive Maintenance Plan

BLS follows a preventive maintenance schedule to ensure all equipment operates at peak efficiency.

- Quarterly Inspections Includes camera lens cleaning, alignment checks, and calibration verification.
- Real-Time Remote Diagnostics CNOC identifies performance issues before they impact enforcement.
- Battery & Power Supply Testing Ensures backup power sources function correctly for uninterrupted operation.



BLS provides a **comprehensive service**, **security**, **and system support framework** that ensures:

- ✓ Reliable and accurate enforcement operations
- **✓ Strict compliance with data security and CJIS regulations**
- **✓** Continuous system uptime and rapid issue resolution
- √ Transparent, citizen-friendly support services

This approach ensures that municipalities receive a seamless, secure, and fully supported enforcement program that maximizes safety and public trust.

E. REFERENCE

With 14 years of experience and hundreds of successful program deployments, Blue Line Solutions (BLS) has never had a program canceled under negative circumstances. We excel in client support, compliance, and community engagement, ensuring enforcement programs prioritize safety and public trust.

BLS provides a **turnkey solution**, managing **data collection**, **permitting**, **construction**, **camera deployment**, **citation processing**, **mailing**, **court support**, **and all vendor-related administrative duties**, allowing agencies to operate **seamless and effective enforcement programs** <u>Please see our references at this link</u>

F. COST PROPOSAL

Pricing Schedule - Automated Speed Enforcement (Per Event)			
	Cost	Unit	
	\$	Per	
Cost per Processed Event	15.00	Event	
Cost per Radar Feedback Sign Cost per Flashing Indicator	Included		
Module	Included		
Cost of Installation	Included		
Zero Balance Billing - Zero Lease or Maintenance costs			

Pricing Schedule - Automated Speed Enforcement (Lease Plus)			
	Cost	Unit	
	\$		
Cost per Approach	2,000	Monthly	
	\$	Per	
Cost per Processed Event	8.00	Event	
Cost per Radar Feedback Sign	Included		
Cost per Flashing Indicator			
Module	Included		

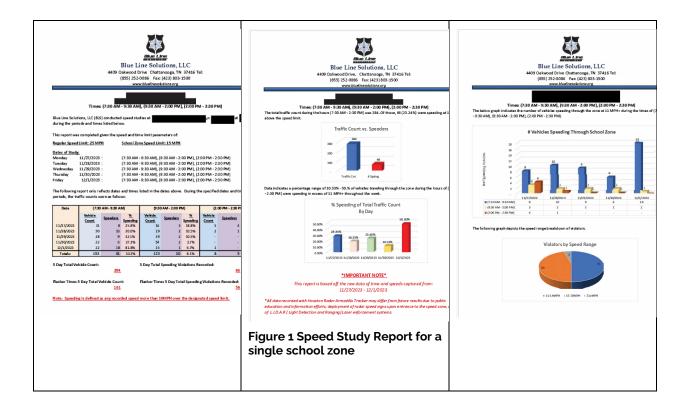


Cost of Installation Included				
Each school zone will have a minimum of two approaches				
Pricing Schedule -Revenue Sharing				
	Cost	Unit		
Cost per Approach	\$ - \$	Monthly Per		
Cost per Processed Event Cost per Radar Feedback Sign Cost per Flashing Indicator	20.00 Included	Event		
Module	Included			
Cost of Installation	Included			
Each school zone will have a minimum of two approaches				
**Option – Automated License Plate Recognition Cameras				

RP-20 CONTRACTOR REQUIREMENTS

A. SPEED STUDIES

No Cost to city



Cost

Unit



Blue Line Solutions (BLS) will take great care with Speed Studies performed to assist Charlotte County with school zone placement confirmation for the current RFP. BLS is always ready to assist with the assessment of locations to determine if the speeds indicate danger for the community, for a complete speed report specific to Florida and redacted for this RFP.

B. PUBLIC INFORMATION AND EDUCATION

Public Notice, Education, Permitting, Installation, Testing, and Maintenance Plan

1. Public Notice and Education Strategy

Blue Line Solutions (BLS) is committed to transparency and community engagement as key components of a successful Automated School Zone Speed Enforcement Program. We will work in close cooperation with Charlotte County's Communications and Public Works Directors to develop a comprehensive Public Information & Education (PI&E) campaign that ensures public awareness before enforcement begins.

A. Public Notice & Media Development

BLS will create **custom-branded educational materials** designed to:

- **Encourage voluntary compliance** with school zone speed limits.
- Increase awareness of the dangers of speeding in school zones.
- Clearly explain the enforcement process, including warning periods and citation issuance.

We will provide the following **multi-channel media assets**, all branded specifically for Charlotte County:

- ✓ Press Releases & Official Announcements Distributed via Charlotte County's media channels.
- ✓ **Social Media Campaigns** Graphics, videos, and scheduled posts for County social media platforms.
- ✓ Website Updates & FAQs Providing key program details on the County's website.
- ✓ Printed Flyers & Brochures Distributed in schools, local government offices, and libraries.
- ✓ Utility Bill Inserts & PTA/PTO Communications To reach local families directly.
- ✓ Billboards & Roadside Signage Raising awareness before and during enforcement.
- ✓ Public Service Announcements (PSAs) For local radio, TV, and online ads.
- ✓ Community Meetings & School Outreach Presentations at PTA meetings and town halls.

BLS follows the National Highway Traffic Safety Administration (NHTSA) safety campaign model, ensuring proven public education techniques that build community trust before enforcement begins.





Article links:

- https://www.wjhl.com/news/numbers-revealpositive-results-from-speed-zone-cameras-inbristol-va/
- https://www.amisun.com/2024/06/04/camerasto-ticket-school-zone-speeders/
- https://www.mahoningmatters.com/news/local/a rticle292800499.html
- https://www.wric.com/news/local-news/sussexcounty-activating-speed-cameras-in-problemschool-zone/
- https://whatsupnewp.com/2024/06/middle/Cityaims-for-safer-roads-with-speed-cameras/

Video links:

Figure 2 - Link to full PI&E plan

South Fulton PSA

2. Proper Permitting Process

BLS has a **dedicated Field Operations Team** specializing in securing **all necessary permits and approvals** for enforcement infrastructure.

A. Site Selection & Permitting Steps

- 1. **Initial Traffic Study** Conduct a **five-day speed study** in each school zone to determine baseline speeding data.
- 2. **Engineering Review** Work with **Charlotte County Public Works and Traffic Engineering** to ensure compliance with local regulations.
- 3. **Permit Applications & Approvals** Submit **site plans for camera, signage, and flasher installations**.
- 4. **Coordination with Utility Providers** Secure power connections or **solar-powered alternatives** if necessary.
- 5. **Public Notification Before Installation** Ensure proper **signage and announcements** are in place **before enforcement begins**.

All permitting will be handled at no cost to Charlotte County under the BLS violator-funded model.

3. Installation Process



BLS utilizes a **non-intrusive installation** process that minimizes disruption to **school traffic and daily operations**.

A. Equipment Installed in Each School Zone:

- School Zone Speed Enforcement Cameras High-precision LiDAR technology ensures accurate violation capture.
- Radar Speed Feedback Signs Provide real-time driver speed display to encourage compliance.
- **High-Visibility Warning Signs** Placed **ahead of enforcement zones** per MUTCD requirements.
- Flasher Integration (if applicable) Ensures speed enforcement aligns with active school zone times and documentation that functional school zone warning flashers are active when citations are captured.

B. Installation Timeline & Coordination:

Step 1: Site Preparation & Utility Coordination – Identify pole locations, power sources, and optimal angles for detection.

Step 2: **2: Equipment Installation – Cameras, signs, and flashers installed** with minimal roadway disruption.

- Week 3: Calibration & Initial Testing Conduct validation tests without issuing citations.
- Week 4: Public Awareness Campaign Ensure residents understand enforcement before activation. State
- All installations follow Charlotte County's infrastructure and safety standards.

4. Initial Testing & System Calibration

BLS ensures all enforcement systems are rigorously tested before live enforcement begins.

A. Testing Protocol:

- ✓ **Speed Accuracy Validation** Compare LiDAR readings with **police radar units** for accuracy.
- ✓ Camera Alignment Checks Ensure clear violation images & license plate readability.
- ✓ Flasher Synchronization (if applicable) Verify system only operates during designated school hours.
- ✓ Data Transmission & Cloud Storage Validation Confirm secure upload of violation data to NewGuard™ platform.

A 30-Day Warning Period is implemented before citations are issued, allowing for driver education.

All test results are documented and provided to Charlotte County officials.

5. Ongoing Maintenance & Support

BLS maintains **24/7 system monitoring and proactive maintenance** to ensure **maximum uptime and reliability**.

A. Preventive Maintenance Plan



- Quarterly Inspections Cleaning lenses, checking alignment, verifying calibration.
- Daily System Health Checks Automated alerts for power, connectivity, and sensor issues.
- 48-Hour Repair Guarantee On-site technicians respond within 48 hours to any malfunctions.
- Remote Software & Security Updates Ensures cameras stay up-to-date and cyber-secure.

B. Real-Time Support & System Monitoring

- Camera Network Operations Center (CNOC) provides:
- 24/7 system monitoring Detects equipment failures, tampering, and network issues.
- Tamper Alerts Immediate notification of unauthorized interference or vandalism.
- Live Help Desk Support Available for Charlotte County staff whenever needed.
- All maintenance costs are covered under the violator-funded model.

C. VIOLATION VALIDITY, PROCESSING, AND SENDING FOR APPROVAL

The Contractor's capability to review all violations for validity and process the data for events that meet specified criteria prior to providing access to chargeable violations via secure web site to the County official for review and authorization of citations.

Violation Review, Validation, and Secure Processing Capabilities

Blue Line Solutions (BLS) ensures **100% accuracy, compliance, and security** in the violation review and processing workflow. Our **multi-tiered validation process** ensures that only **valid, enforceable violations** are submitted for review, eliminating errors and maintaining public trust in the enforcement program.

Multi-Tier Violation Review & Secure Processing

BLS employs a three-step validation process to ensure that only accurate and enforceable violations reach Charlotte County officials for approval.

1. Violation Review & Validation Process - Link

Step 1: Automated Pre-Processing & Data Capture BLS utilizes LiDAR-based speed measurement, high-definition video, and ALPR technology to capture violations with single-lane accuracy. Automated filtering rejects false positives caused by glare, obstructed plates, or multiple vehicles in frame, ensuring only clear, valid events proceed.

Step 2: Human Review at CJIS-Compliant Processing Center - LINK

Trained Violation Processing Agents manually verify license plate clarity, speed confirmation, vehicle identification, and school zone activation before forwarding violations for County review. Any doubt or missing data results in rejection before submission.

<u>Step 3: Final County Officer Approval via Secure Web Portal</u>
<u>Validated violations are uploaded to NewGuard™, a secure, CJIS</u>-compliant portal where Charlotte County officials can review, approve, or reject citations. The system ensures



encrypted data transmission, audit tracking, and a full violation evidence packet (including video, images, speed/location data, and school zone activation status). Citations are issued only after County authorization.

2. Data Security & Compliance

BLS ensures end-to-end encryption, secure cloud hosting (NOVA Tier IV), and role-based access controls (RBAC) to protect violation data. The Violation Processing Center enforces 24/7 surveillance, strict access controls, and regular cybersecurity audits, with an incident response plan in place for any anomalies.

3. Efficiency & Accuracy Metrics

BLS' advanced filtering and review system achieves:

- 98% reduction in false positives.
- Less than 1% of contested citations dismissed due to procedural errors.
- Average officer review time of just 15 seconds per violation.

Conclusion

BLS' multi-tier validation process, secure data handling, and compliance-driven approach ensure that:

- **✓** Only valid violations are submitted for County approval.
- ✓ All citations are reviewed with 100% accuracy.
- **✓** Data security, legal compliance, and transparency are upheld.

D. MAINTENANCE AND TECHNICAL SUPPORT OF NEWGUARD

The capability of the company to provide maintenance and technical support of <u>web-based</u> interface to be used by the County representative in the review and processing of citations/cases.

Maintenance and Technical Support for the Web-Based Interface

Blue Line Solutions (BLS) provides a **highly secure**, **user-friendly**, **and fully supported web-based interface** for **Charlotte County representatives** to review and process citations. Our **NewGuard™ system** is designed for **seamless access**, **reliability**, **and compliance**, backed by **24/7 technical support** and proactive system maintenance.

NewGuard™ Web-Based Citation Review & Support

1. Secure Citation Review Platform

NewGuard™, BLS's CJIS-compliant, cloud-based citation review system, enables County officials to securely access, review, and manage violations in real time without requiring software installation. It features multi-factor authentication (MFA), a user-friendly dashboard, and a full evidence packet (HD video, time-stamped photos, ALPR data, and LiDAR-verified speed/location records). Bulk review options and customizable reporting streamline processing, allowing approvals in 15-30 seconds per case while maintaining a complete audit trail.



2. System Reliability & Maintenance

BLS ensures 99.99% system uptime through 24/7 automated monitoring, real-time diagnostics, and redundant cloud hosting (AWS GovCloud/NLETS). Automated updates maintain compliance with cybersecurity standards, while instant alerts and remote troubleshooting prevent service disruptions. All technical support and maintenance costs are covered under the contract.

3. Technical Support & Training

BLS offers 24/7 technical assistance via a live support hotline, email, and in-dashboard chat. County officials receive customized training, step-by-step guides, and ongoing system updates to ensure seamless adoption and use. Most technical issues are resolved in under 10 minutes.

4. Security & Compliance

NewGuard™ is CJIS and NLETS compliant, employing AES-256 end-to-end encryption, role-based access controls (RBAC), and two-factor authentication (2FA) to prevent unauthorized access. Regular security audits and compliance reviews ensure continued adherence to federal, state, and County IT policies.

5. Scalability & Future Enhancements

The platform supports high-volume case processing and integrates with County systems if required. Quarterly software updates introduce Al-powered analytics, customizable dashboards, and future mobile compatibility, ensuring Charlotte County always has access to the latest technology.

NewGuard™ delivers a secure, efficient, and scalable citation review system, ensuring reliable performance, full compliance, and continuous improvements for Charlotte County.

E. NEWGUARD PAYMENT AUDIT, TRACKING, AND FINANCIAL REPORTING

Describe the web based or other system where authorized users of the system can conduct audits of payments received, disbursements and or other information related to the financial aspect of the contract/agreement.

1. Financial Auditing & Payment Tracking System - NewGuard™ Financial Module
Blue Line Solutions (BLS) provides a secure, web-based financial management platform
within the NewGuard™ system that allows authorized users from Charlotte County to
conduct audits of payments received, disbursements, and all financial data related to
the enforcement program. See Link

This **real-time**, **cloud-based system** ensures **full transparency**, **compliance**, **and accountability** in financial transactions. It also ensures County officials can access, track, and audit all financial activities associated with the contract.

2. Secure Web-Based Financial Management System

The **NewGuard™ Financial Module** provides County officials with **real-time access** to all payment records, financial reports, and disbursement details.

✓ Real-Time Payment Tracking – View all payments as they are processed, including method (credit card, check, money order, online, or phone payments).



- ✓ Transaction & Revenue Reports Generate custom financial reports detailing all revenue collections and outstanding balances.
- ✓ Automated Revenue Disbursements Track funds distributed to Charlotte County based
 on contractual terms.
- ✓ Audit Trail for Compliance Every financial transaction is logged, ensuring full auditability and legal compliance.
- ✓ Role-Based Access Control (RBAC) Limits financial data access to authorized personnel only.
- ✓ Secure Payment Processing Integration Works seamlessly with credit card processors, online portals, and collection agencies.

Financial Data Available for Audit & Review

The system provides a **detailed breakdown** of all financial activities, including:

- A. Payments Received & Revenue Tracking
- **5** Total Payments Collected Broken down by payment method, date, and violation type.
- **Daily, Weekly, Monthly Revenue Reports** Automatically generated reports for County review.
- **Payment Status & Reconciliation** Track paid, pending, or disputed transactions.
- **\$ Violation-Specific Payment Details** View payments linked to **specific citations** and **violators**.
- **B. Disbursements & Fund Transfers**
- **Revenue Share Tracking** Automated calculations of revenue distribution based on the agreement.
- **Disbursement History** View payment transfers from BLS to Charlotte County, including dates and amounts.
- Audit Trail for Payments & Transfers Ensures every dollar is accounted for and easily auditable.
- C. Unpaid Citations & Collection Agency Integration
- <u>▲ Unpaid & Outstanding Violation Reports</u> Identifies unpaid violations for collection processing.
- **Collection Agency Data Transfer** Automatically sends unpaid violations to **Municipal Collections of America (MCOA)**.-
- Collection Recovery Reports Tracks recovered funds and pending accounts.

F. AUDIT & REPORTING CAPABILITIES

The **NewGuard™ system** allows County officials to conduct **financial audits at any time** with:

- A. Customizable Financial Reports
- ✓ On-Demand or Scheduled Reports Run real-time or historical reports anytime.
- ✓ Export Options Reports can be downloaded as PDF, Excel, or CSV for further analysis.
- ✓ Filter by Date, Location, Violation Type, Payment Status Customizable views for in-



depth analysis.

- √ Graphical Dashboards Provides easy-to-read financial summaries.
- **B. Automated Audit Logs & Compliance Tools**
- ✓ Comprehensive Transaction Logs Every payment, transfer, and refund is recorded with timestamps.
- ✓ User Access Logs Tracks who accessed financial records, ensuring accountability.
- ✓ CJIS & PCI Compliance Ensures that all financial data is securely stored and transmitted.

Secure Access & Compliance

- A. Role-Based Access for Financial Data
- County Finance Staff Access full revenue reports, disbursements, and transaction history.
- Law Enforcement Officials Limited access to citation revenue without financial details.
- Court Staff View payment status for contested violations.
- B. Secure Cloud-Based Storage
- CJIS-Compliant Data Security Protects all payment records from unauthorized access.
- End-to-End Encryption (AES-256) Ensures secure storage and transmission of financial data.
- Multi-Factor Authentication (MFA) Prevents unauthorized logins.

5. Technical Support & System Maintenance

A. 24/7 Customer & Technical Support

Live Help Desk for County Officials – Available for any financial data inquiries. Email & Chat Support – Quick assistance for reporting or reconciliation issues

B. Automatic System Updates & Maintenance

- Regular Financial Reporting Enhancements Continuous upgrades based on County feedback.
- Zero Downtime Maintenance Ensures 24/7 access to financial data.

NewGuard violation/citation statistics

Web-Based Access to Statistical Information on Violations & Citations

Blue Line Solutions (BLS) provides a comprehensive, web-based data analytics platform within the NewGuard™ system, giving Charlotte County officials secure, real-time access to violation statistics, citation trends, and enforcement effectiveness reports.

This powerful cloud-based reporting system enables customizable data insights, allowing County representatives to analyze violation rates, citation trends by location, program impact, and financial performance – all from a user-friendly, secure web portal.

1. Web-Based Access to Citation & Violation Data

Charlotte County officials will have **secure**, **real-time access** to all enforcement program statistics through the **NewGuard™ web-based dashboard**.

A. Key Features of the Data Analytics & Reporting Platform

- ✓ Real-Time Citation & Violation Data View up-to-the-minute statistics on violations processed.
- ✓ Location-Based Citation Tracking Filter violations by specific school zones,



intersections, or enforcement locations.

- ✓ **Historical Trends & Comparisons** Analyze **before-and-after data** to measure the effectiveness of enforcement.
- ✓ Customizable Reporting Dashboards Select date ranges, violation types, and geographic locations.
- ✓ Pre-Set & Custom Reports Generate automated reports or create customized data views.
- ✓ Export Data for Further Analysis Download reports in PDF, Excel, or CSV format for indepth review.
- √ Geospatial Heat Maps & Graphical Representations Visualizes high-risk areas based on violations.
- The system provides insights on overall program impact and individual enforcement locations.
- 2. Types of Statistical Reports Available

The NewGuard™ analytics platform offers pre-configured and customizable reports that allow Charlotte County officials to review all aspects of violation trends and enforcement effectiveness.

- A. Citation Volume & Violation Trends
- Total Citations Issued Per Location Breakdown by day, week, month, or custom timeframe.
- ∠ Violation Increase / Decrease Trends Compare pre- and post-enforcement periods.
- **Top Violation Locations** Identifies **high-risk school zones/intersections** with the most infractions.
- Violation Types Tracks speeding, red-light running, and other infractions separately.
- B. Speed Data & Traffic Behavior Analysis
- **Average Speed Before & After Enforcement** Shows how driver behavior **changes over time**.
- Highest Recorded Speed Violations Lists most severe speeding violations by location.
- Speed Threshold Violation Analysis Tracks drivers exceeding school zone limits.
 C. Public Safety & Compliance Monitoring
- **Repeat Offender Tracking** Identifies drivers with multiple violations in school zones.
- **Citation Dismissal Rate** Tracks contested citations and adjudication outcomes.
- Violation Reduction Over Time Demonstrates how enforcement changes driver behavior.
- D. Financial & Operational Reports
- Revenue Reports Tracks citation payments and outstanding balances.
- **Collection Agency Status** Identifies **unpaid citations sent to collections**.
- Monthly & Quarterly Performance Reports Automatically generated for County review.
- 3. Secure Web-Based Access & User Permissions
- A. Role-Based Access Control (RBAC)
- ✓ County Officials Full access to all reports and data dashboards.
- Law Enforcement Officers Access to violation trends and traffic enforcement



analytics.

- **✓** Court Personnel View citation status, pending disputes, and payment tracking. B. Data Security & Compliance
- CJIS-Compliant Cloud Platform Ensures secure storage and transmission of violation data.
- End-to-End Encryption (AES-256) Protects sensitive enforcement records.
- Multi-Factor Authentication (MFA) Prevents unauthorized access.
- 4. 24/7 System Availability & Support
- A. System Monitoring & Reliability
- ✓ 99.99% Uptime Guarantee Ensures constant system availability for County users.
- ✓ Real-Time System Monitoring Prevents downtime and proactively resolves issues.
- ✓ Automatic Data Backups Ensures data integrity and disaster recovery.
- **B. On-Demand Reporting & Support**
- **24/7 Technical Support** County officials can request **customized reports anytime**.
- Training & Onboarding In-depth tutorials, training sessions, and user guides.

5. Future Scalability & Customization

BLS ensures that the **NewGuard™ reporting system** is **scalable and customizable**, allowing Charlotte County to expand or refine analytics capabilities as needed.

A. System Scalability

- Supports Unlimited Data Growth As enforcement expands, the system can handle increased data volume.
- Multi-Jurisdiction Support If needed, the platform can track multiple counties, agencies, or enforcement zones.
- **B. Custom Data Filters & Reports**
- Customizable Report Parameters Choose specific locations, dates, and violation types.
- Advanced Predictive Analytics (Planned) Al-based insights on future violation trends.

G. BLUE LINE SOLUTIONS BUSINESS PRACTICES IN CITATION PROCESSING

Business Practices for Processing Automated School Zone Speed Enforcement Citations Blue Line Solutions (BLS) follows a structured, legally compliant, and transparent process for handling automated school zone speed enforcement citations. Our business practices ensure accuracy, efficiency, and due process for violators, while providing Charlotte County representatives with full oversight through a secure online case management system.

A. Review Process & Transmission of Violations to County Representatives
All violations go through a multi-step verification process before being sent to Charlotte
County for final approval.

- 1. Violation Capture & Automated Pre-Filtering
- LiDAR-Based Speed Detection Captures only vehicles exceeding the speed threshold in active school zones.



- High-Resolution Image & Video Capture Records the violation event, including license plate, timestamp, and speed data.
- Automated Pre-Screening Filters out potential false positives (e.g., obstructed plates, multi-lane confusion, unreadable images).
- 2. Human Review by BLS Processing Team
- Trained Review Agents validate each violation for clarity, accuracy, and legal compliance.
- School Zone Activation Verification Ensures enforcement aligns with posted school zone hours.
- License Plate Verification Confirms vehicle registration details.
- Violations that fail quality checks are discarded before submission.
- 3. Secure Transmission to County Representatives for Final Review
- Approved violations are uploaded to the **NewGuard™ secure web-based platform**.
- Charlotte County officials review, approve, or reject citations with a single click.
- Audit Logs track every action taken on each case for transparency and legal compliance.
- No citations are issued without County approval.

B. Mailing of Duly Authorized Citations to Registered Vehicle Owners

Once a violation is approved by Charlotte County, the **automated citation mailing process** begins.

- 1. Citation Mailing Process
- Official Citation Notice Generated Includes violation details, images, video link, and payment options.
- Mailed via First-Class USPS Ensures delivery within 5-7 business days.
- Multiple Language Support English & Spanish notices available.
- 2. Citation Content
- ✓ Photographic & Video Evidence High-resolution images and secure video link.
- √ Violation Details Speed recorded, location, date, and time.
- ✓ Payment & Hearing Options Clear instructions for disputing the citation or making payments.
- ✓ **Legal Disclaimer & Contact Information** For County code enforcement office & BLS support.
- **✓** Undelivered citations are tracked, and reissued if necessary.

C. Pre-Citation Review & Access to Evidence for Violators

Violators are given **full access to evidence** before they are required to respond.

- 1. Online Violation Portal
- Violators can log in via a secure website using their citation number.
- View High-Definition Photos & Video Evidence.
- Instructions for requesting a hearing or disputing the citation.
- 2. Customer Support Assistance
- Live Call Center Bilingual customer service agents available.
- Email & Chat Support Fast responses for pre-citation inquiries.
- Transparency ensures violators understand their citation before making decisions.



D. Online Case Management System

The NewGuard™ online case management platform allows County representatives, violators, and law enforcement officers to efficiently manage cases in real time. Key Features:

- ✓ **Secure Web-Based Access** No software installation required.
- ✓ **Search & Filter Violations** By name, license plate, or citation number.
- ✓ Case Status Updates Track payments, disputes, and hearing schedules.
- ✓ **Electronic Document Submission** For contesting violations.
- ✓ Real-Time Reporting & Analytics Tracks program performance.
- **24/7** access ensures efficient violation processing.

E. Payment Processing for Violators

BLS provides **multiple**, **convenient payment options** to maximize compliance.

Accepted Payment Methods:

- Online Payment Portal Secure credit/debit card transactions.
- **Phone Payments** Via automated system or live agent.
- Payments Checks or money orders accepted.
- In-Person Payments Available at designated County locations.
- Payments are reconciled in real time within the County's financial dashboard.

F. Citation Review Hearings for Violators

Violators have the right to request **a citation review hearing** before a County representative.

- 1. Hearing Request Process
- Request submitted online, by phone, or in person.
- Automatic hearing date scheduling based on County availability.
- Confirmation notice sent via email/mail.
- 2. Pre-Hearing Support for Violators
- Access to Citation Evidence Before the Hearing Ensures due process.
- Live Customer Support for Questions Assistance with hearing preparation.
- Fair, accessible, and transparent hearing scheduling process.

G. Evidence Provided for Citation Review Hearings

County enforcement officials receive a complete evidence packet for each contested citation.

- 1. Standard Evidence Packet Includes:
- √ High-Definition Images & Full Violation Video.
- √ LiDAR Speed Readings & Data Logs.
- √ Verified Vehicle Registration Details.
- √ Location Map & School Zone Activation Records.
- Ensures citations withstand legal scrutiny.

k. Flexibility in Creation of Dockets

BLS' **NewGuard™ system** allows for **customized docket creation** based on County parameters.

- 1. Customizable Hearing Scheduling System
- Set hearing schedules based on County availability.



- Auto-assign cases to enforcement officers or hearing officers.
- Track hearing outcomes & compliance rates.
- Efficient docket management minimizes administrative burden.

I. Citation Review Hearings for Ticketed Violations

BLS ensures a streamlined, fair hearing process for violators contesting citations.

- 1. Hearing Process Overview
- Hearings held at designated County locations or virtually.
- Violator presents their case with access to full evidence.
- **Language County representative makes a determination** based on facts.
- II Hearing outcomes recorded in NewGuard™ for tracking & reporting.
- All hearings comply with County legal procedures.

J. Evidence Materials & Methods for Citation Review Hearings

BLS provides a complete evidence package for each case to County representatives. **Evidence Includes:**

- ✓ Certified LiDAR Speed Readings Court-admissible documentation.
- ✓ Violation Video & Photographic Proof High-resolution images.
- ✓ Officer-Approved Violation Reports Ensures chain of custody.
- √ Historical Violation Data for Repeat Offenders.
- Ensures hearings are based on legally defensible evidence.

K. Flexibility in Creating Citation Review Hearing Dockets

BLS allows dynamic docket scheduling through the NewGuard™ platform.

- 1. Customizable Docket Management
- Flexible scheduling options based on County needs.
- Automated case assignment to hearing officers.
- Real-time tracking of hearing outcomes & appeals.
- Ensures efficient processing & minimal backlog.

H. BLUE LINE SOLUTION'S MAINTENANCE AND CNOC

System Maintenance, Infrastructure Management, and Technology Upgrades
Blue Line Solutions (BLS) is fully responsible for the installation, maintenance, and
upgrades of all system components, ensuring the continuous and optimal operation of
automated school zone speed enforcement technology throughout the term of the
contract. This includes camera systems, infrastructure, signage, software, web
applications, and all supporting equipment.

BLS is committed to **technology innovation and lifecycle management**, ensuring Charlotte County benefits from **the latest advancements** in enforcement technology while maintaining a **fully operational and reliable system**.

1. System Components Covered Under Maintenance & Management

BLS ensures **full lifecycle management** of all enforcement components, including:

A. Speed Enforcement Hardware

LiDAR-Based Speed Cameras – High-resolution, **multi-lane accurate** violation detection.



- High-Definition Violation Recording Systems Captures clear video and still images.
- Secure Data Transmission Equipment Ensures encrypted evidence transfers.
- Backup Power Systems Protects against power outages.
- **B. Infrastructure & Physical Assets**
- **Roadside Signage & Speed Warning Devices** Maintained per **MUTCD & local regulations**.
- **★ Mounting Poles, Enclosures & Brackets** Regular structural integrity inspections.
- Tamper-Resistant Housing Protects against vandalism & environmental damage. C. Software & Web-Based Applications
- NewGuard™ Citation Management System Web-based, CJIS-compliant violation processing.
- **Real-Time Analytics & Reporting Dashboards** For tracking **violation trends & program impact**.
- **Secure Cloud Storage** Ensures long-term access to citation evidence.
- **Automated Software Updates** Keeps enforcement systems **up-to-date & secure**.
- All system components are fully maintained by BLS with no burden on Charlotte County.

2. Preventative & Ongoing Maintenance Plan

BLS follows a **proactive**, **preventative maintenance schedule** to ensure that all enforcement equipment operates at **peak efficiency**.

A. Routine Equipment Maintenance

- Quarterly System Inspections Camera alignment, speed accuracy calibration, and system diagnostics.
- Daily Remote System Health Checks Automated alerts for malfunctions or environmental damage.
- Lens Cleaning & Image Quality Assurance Ensures clear violation capture in all weather conditions.
- Physical Inspections of Roadside Signage & Equipment Ensures sign visibility & regulatory compliance.

B. 24/7 Monitoring & Rapid Issue Resolution

BLS operates a **Camera Network Operations Center (CNOC)** for **real-time system monitoring & troubleshooting**.

- Immediate alerts for power failures, tampering, or connectivity issues.
- Remote diagnostics & software resets to resolve issues without site visits.
- On-Site Repairs Within 48 Hours for critical hardware failures.
- All maintenance costs are included in the contract, ensuring zero financial burden on Charlotte County.

3. Technology Upgrades & System Modernization

BLS is committed to **advancing enforcement technology** and ensures that Charlotte County benefits from the **latest innovations** in school zone speed enforcement.

A. Continuous Hardware & Software Upgrades

- Camera Upgrades Every 3-5 Years Ensures latest imaging & violation detection capabilities.
- AI-Driven Analytics Enhancements Improves violation tracking accuracy & efficiency.
- Next-Gen Connectivity Improvements Faster data transmission & cloud storage



scalability.

- **Cybersecurity & Encryption Enhancements** Meets evolving **CJIS & NLETS data** security standards.
- **B. Automatic Software & Web-Based System Enhancements**
- **√** Quarterly Feature Updates to NewGuard[™] Platform.
- ✓ Integration with Future County Systems if required.
- √ Mobile Compatibility & Expansion Options.
- **☑** BLS ensures Charlotte County always benefits from the latest available enforcement technology.
- 4. Emergency Support & System Failure Response

BLS provides **around-the-clock technical support** to ensure immediate response for **critical system failures**.

- A. Rapid Emergency Response System
- Immediate Alerts for Equipment Failures.
- Remote System Troubleshooting Resolves 80% of issues remotely within minutes.

* 48-Hour On-Site Repairs for camera or infrastructure failures.

- **B. Dedicated Technical Support for Charlotte County Officials**
- 📞 24/7 Help Desk for Maintenance Requests.
- Live Chat & Online Support via NewGuard™ Dashboard.
- Local Technicians Available for Emergency Repairs.
- Zero downtime guarantee with rapid failure response & full equipment replacement if needed.

5. Security, Compliance & Data Protection

BLS ensures all system components meet or exceed security & compliance requirements.

- 🔐 End-to-End Data Encryption (AES-256) Ensures violation evidence security.
- Automated System Patching & Cybersecurity Updates Protects against evolving threats.
- **Comprehensive Audit Logs & Compliance Checks** Tracks **every system update & repair**.
- ✓ All maintenance, security, and data integrity standards meet CJIS, NLETS, and Charlotte County IT policies.

I. NEWGUARD TRAINING DELIVERY

Comprehensive Training Program for Charlotte County Representatives

Blue Line Solutions (BLS) is committed to providing comprehensive, hands-on training for all Charlotte County personnel involved in the administration, review, and enforcement of the Automated School Zone Speed Enforcement Program. Our training ensures County representatives, law enforcement officers, court officials, and administrative staff are fully equipped to operate, review, and adjudicate citations confidently and efficiently. BLS offers customized training sessions delivered in person, virtually, or through self-paced digital learning modules to accommodate County schedules and personnel needs.



- 1. Training Delivery Methods
- On-Site Classroom Training In-person training at designated County facilities.
- Virtual Training (Live Webinars) Remote training for flexible scheduling.
- **Self-Paced Online Learning** Pre-recorded modules for **on-demand learning**.
- **Hands-On Field Training** Direct interaction with **camera systems & enforcement technology**.
- Training Manuals & Quick Reference Guides Accessible for ongoing learning.
- All training sessions include interactive Q&A and real-world enforcement scenarios.

2. Training Curriculum

A. Detection & Camera System Familiarization

This module ensures County personnel understand **how the automated enforcement system operates**.

- LiDAR-Based Speed Detection Overview How LiDAR measures vehicle speeds with single-lane accuracy.
- Camera System Functionality High-definition image & video capture technology.
- Violation Event Recording Step-by-step explanation of violation detection & data processing.
- Real-Time Monitoring Capabilities How to track camera system performance & uptime.
- Troubleshooting Basics How to identify & report common hardware/software issues
- ✓ Hands-on demonstrations ensure County personnel gain direct exposure to system operation.

B. System Training in a Classroom or Work Environment Setting

County officials will receive **comprehensive classroom instruction** followed by **hands-on system usage**.

- 📊 Step-By-Step Violation Review Process How to access & analyze citation data.
- User Role Assignments & Access Permissions Training on role-based system access.
- Secure Login & Dashboard Navigation Introduction to the NewGuard™ web-based case management system.
- Understanding Violation Data & Speed Thresholds How the system categorizes valid vs. invalid violations.
- Exporting Reports & Generating Statistical Data How to create customized violation & revenue reports.
- Each trainee will have access to a demo version of the system for hands-on practice.

C. Hardware & Software Familiarization Training

This session covers the hardware components and software tools used in the enforcement process.

- NewGuard™ Case Management Platform User training on reviewing, approving, or rejecting citations.
- **Camera & Server Connectivity** How data is **transmitted & securely stored in the cloud**.
- 🦴 Equipment Maintenance Basics Understanding hardware upkeep & troubleshooting.
- Accessing Digital Evidence How to retrieve violation photos, video, and speed logs.



- Integration with County IT Systems (If Applicable) How enforcement data integrates with local government databases.
- BLS provides printed manuals & online reference guides for post-training support.
- **D. Citation Review Hearing Testimony & Evidence Presentation Strategies**BLS will train County **law enforcement officers & legal representatives** on how to **effectively present violations in hearings**.
- How to Explain School Zone Speed Enforcement Laws Understanding local & state legal frameworks.
- **Using Violation Video & Photographic Evidence in Hearings** Best practices for presenting clear, compelling case materials.
- Common Defense Arguments & Rebuttal Strategies How to handle typical violator disputes.
- **Providing Sworn Testimony on Citation Validity** Best practices for **professional & effective court testimony**.
- Maintaining Chain of Custody for Violation Data Ensuring proper documentation & evidence integrity.
- ✓ Mock hearing exercises allow County personnel to practice testimony & citation defense.

E. School Zone Speed Violations & Citation Hearings

This module focuses on **the legal aspects and administrative processing** of school zone violations.

- 📜 Understanding Florida & Charlotte County School Zone Enforcement Laws.
- 📊 How Speed Limits, Active School Hours & Warning Signs Affect Enforcement.
- Preparing Documentation for Hearings Creating case files with certified LiDAR speed readings & violation records.
- Using the NewGuard™ System for Hearing Management Tracking scheduled hearings, case status & outcomes.
- **Interacting with Violators During Hearings** How to handle **questions**, **appeals**, **and citation disputes**.
- BLS provides training for both County enforcement officials and hearing officers.
- 3. Training Certification & Ongoing Support
- A. Certification Upon Completion
- All County representatives who complete training receive a certification of completion.
- [1] Certified users receive role-based access to enforcement systems based on their function.
- **B. Ongoing Training & Support**
- ✓ Quarterly Refresher Courses Available to keep personnel up to date on system changes.
- ✓ New Hire Training Continuous onboarding for new County personnel.
- ✓ 24/7 Help Desk Support BLS provides live support for troubleshooting & questions.
- ✓ Training Updates for Software Enhancements Ensures County personnel remain proficient as the system evolves.
- All training resources are available online for review at any time.



J. NEWGUARD ADMINISTRATION AND RECOMMENDATIONS FOR HARDWARE AND SOFTWARE

Recommended Hardware and Software for Administrative Components
Blue Line Solutions (BLS) provides a fully integrated, cloud-based enforcement system
that ensures efficient citation processing, violation review, reporting, and user
management. Our NewGuard™ platform serves as the administrative backbone of the
program, enabling secure access, real-time video review, live feed monitoring, and
advanced analytics.

All hardware and software components required for administration are included within the cost proposal, ensuring Charlotte County has all necessary tools for program operations without additional investment.

Recommended Hardware & Software for Administrative Operations

BLS provides NewGuard™, a CJIS-compliant, cloud-based citation management system, eliminating the need for on-premises servers and reducing infrastructure maintenance. NewGuard™ enables secure citation review, real-time analytics, live video playback, and user account management while ensuring compliance with CJIS data security standards via encrypted AWS GovCloud/NLETS hosting.

1. Recommended Hardware & Network Infrastructure

While NewGuard™ is web-based, BLS recommends the following hardware and network specifications for optimal performance:

Workstations: Windows 11 Pro or macOS Ventura systems with Intel Core i7/AMD Ryzen 7 processors, 16GB RAM (32GB recommended), and 512GB SSD (1TB for local storage). A dual 27" 4K monitor setup is suggested for efficient violation review.

Network & Security: Secure VPN access, enterprise-grade firewalls (Cisco/Meraki), and multi-factor authentication (MFA) for secure logins. A minimum internet speed of 100 Mbps down / 50 Mbps up per user is recommended.

Cloud Storage & Video Review: All violation data is stored securely in CJIS-compliant cloud servers, providing unlimited storage, redundant backups, and role-based access controls.

2. Hardware & Software Included in Cost Proposal

BLS provides all necessary enforcement equipment, infrastructure, and software within the cost proposal.

Hardware: Speed cameras, LiDAR detection systems, roadside signage, camera poles, and secure cloud processing servers. All equipment is maintained and upgraded at no extra cost.

Software: Unlimited user licenses for NewGuard™ citation management, Al-driven violation verification, automated processing, and customizable reporting tools. No additional County IT licensing fees are required.

3. Future-Proofing & System Upgrades

BLS ensures Charlotte County always has access to cutting-edge enforcement technology through:

Hardware refresh every 3-5 years to maintain optimal system performance.

Quarterly software enhancements, improving citation processing and analytics.

Al-based enforcement upgrades to continuously refine violation detection accuracy.



✓ All upgrades and maintenance are included under the contract at no additional cost.

K. BLUE LINE SOLUTIONS BUSINESS AND FINANCIAL PRACTICES FOR TRANSFER OF FUNDING

Transfer of Funding: Secure & Transparent Financial Process

Blue Line Solutions (BLS) ensures timely, secure, and transparent fund transfers to Charlotte County, following best practices in financial accountability, audit compliance, and revenue reconciliation. Under the violator-funded model, the County incurs no upfront costs, and all program revenues are processed, tracked, and disbursed efficiently.

1. Citation Payment Collection & Processing

Payments from violators are **collected in real-time** through multiple channels, including **online transactions, phone payments, mail-in checks, and in-person payments (if applicable)**. BLS' **NewGuard™ financial system** ensures accurate tracking of **paid, pending, and disputed citations**, with **daily reconciliations** to maintain financial accuracy. Unpaid violations escalate to **collections after a designated grace period**.

2. Fund Transfer Schedule & Disbursement

BLS follows a structured **bi-weekly or monthly fund transfer schedule**, ensuring **consistent revenue flow** for the County. Payments are **reconciled daily**, with **weekly and monthly financial reports** detailing all **transactions and revenue distributions**. At the end of each month, a **comprehensive financial summary** is provided for audit and budget planning.

Activity Timeline

Payment Processing Within 24 hours of receipt

Daily Revenue Reconciliation **Ongoing**

Fund Transfer to County **Every 15 days or monthly**

Monthly Financial Summary End of each month

3. Financial Transparency & Real-Time Reporting

BLS ensures full financial oversight through the NewGuard™ Financial Dashboard, where County officials can monitor payments, outstanding citations, collections, and revenue trends in real-time. Regular reports include daily reconciliation logs, bi-weekly/monthly fund disbursement summaries, annual revenue forecasts, and audit-ready compliance documentation.

4. Handling of Unpaid Citations

Violators have **30-60 days** to resolve citations before escalation to **state-approved collection agencies**, following all **legal guidelines**. Collection efforts and recovery rates are **tracked within NewGuard™**, minimizing County involvement while ensuring **high compliance rates**.



☑ BLS provides a fully automated, audit-ready financial process that ensures Charlotte County receives accurate, timely, and legally compliant fund transfers with full transparency.

L. COURT CASE FILES AND EXPERT WITNESS SUPPORT

Citation Review Hearing Materials & Expert Witness Support

Blue Line Solutions (BLS) ensures **legally defensible citations** by providing **comprehensive hearing materials, expert witness testimony, and legal support** for civil and criminal cases related to school zone speed enforcement.

1. Citation Review & Legal Case Preparation

BLS compiles detailed case files with violation evidence packets, certified system accuracy reports, and school zone enforcement documentation to support hearings. Each case includes timestamped photos, speed verification logs, video footage (if applicable), and chain of custody reports, ensuring accuracy and legal integrity.

2. Legal Materials for Citation Hearings

Hearing packets include high-resolution violation photos, certified LiDAR speed readings, vehicle registration data, and traffic engineering studies. All documentation is formatted for court submission, ensuring judicial compliance and a thorough review process.

3. Expert Witness Testimony & Legal Support

BLS provides qualified enforcement experts to testify on system accuracy, calibration logs, and violation evidence. Experts include LiDAR specialists, sworn law enforcement officers, and system engineers, ensuring citations withstand legal challenges in both hearings and full court proceedings.

4. Civil & Criminal Case Support

For traffic hearings, BLS provides case preparation, expert testimony, and citation appeal assistance. If required in criminal cases, forensic data validation and sworn testimony from engineers and enforcement experts ensure evidence integrity and legal defensibility.

5. Secure Access to Legal Materials

All citation records and hearing documents are securely stored in the CJIS-compliant NewGuard™ system, allowing instant, on-demand access for hearing officers and County representatives. Printable evidence packets and real-time hearing reports track case outcomes and legal trends.

6. Compliance & Audit-Ready Documentation

BLS ensures full **compliance with Florida and Charlotte County traffic laws, CJIS, and data privacy regulations**. Regular **legal reviews and compliance audits** maintain the program's **legal integrity and reliability**.

7. Citation Hearing Support Timeline



Stage Timeline

Citation Issuance Within 5-7 business days of approval

Hearing Request Processing Within 48 hours

Case File Compilation 5 business days before hearing

Expert Witness Scheduling At least 2 weeks before court date

Hearing & Court Support As needed (in-person/virtual)

Post-Hearing Report Submission Within 48 hours

BLS ensures a structured, well-documented, and legally sound citation review process, backed by expert testimony and secure access to all legal materials.

M. BLUE LINE SOLUTIONS - AGENCY SUPPORT

Coordination with Schools for Enforcement Scheduling & Updates

Blue Line Solutions (BLS) ensures school zone enforcement aligns with the official school calendar, maintaining accuracy through real-time updates and ongoing coordination with school officials.

1. Pre-Installation Coordination

Before activation, BLS collaborates with Charlotte County school administrators to establish enforcement schedules. This includes:

Verifying school calendars for start/end dates, holidays, and closures.

Confirming standard school hours, early dismissals, and staggered schedules.

Finalizing enforcement times with school district representatives.

✓ All schedules are programmed before system activation.

2. Ongoing Schedule Reviews & Adjustments

BLS conducts quarterly check-ins with school officials and uses automated alerts to track unexpected closures or schedule changes. Adjustments include:

Weather-related closures & emergency days.

Holiday breaks, teacher workdays, and early dismissals.

Bus schedule modifications to ensure enforcement aligns with student traffic.

Dynamic updates ensure enforcement remains accurate year-round.

3. Automated School Calendar Integration

BLS integrates school district calendars directly into the system for seamless updates:

Automated annual updates when new calendars are released.

Real-time alerts for mid-year schedule changes.

Optional manual updates by County representatives via NewGuard™, with 24/7 help desk support.

- Ensures enforcement occurs only when students are present.
- 4. Communication & Reporting with Schools



BLS maintains direct coordination with school officials through:

Monthly reports summarizing schedule updates and violation data.

A dedicated liaison for real-time coordination with school principals and district officials.

Annual enforcement review meetings to assess program impact and improvements.

Ensures transparency and community support.

5. Continuous Updates & Long-Term Accuracy

BLS is responsible for:

- ✓ Initial enforcement schedule setup.
- ✓ Ongoing monitoring and automatic calendar updates.
- ✓ Emergency schedule adjustments.
- ✓ Transparent reporting to the County & schools.
- Enforcement remains precise, student-centered, and responsive to real-time changes.

N. ASSUMPTION OF RISKS

At **Blue Line Solutions (BLS)**, we take **full responsibility** for the safety, integrity, and execution of all contracted work. We assume all risks associated with **direct or indirect damage**, **injury**, **or property loss** related to our operations until the work is formally accepted by **Charlotte County personnel**.

Our commitment includes:

- ✓ Strict adherence to safety protocols to prevent damage or injury during installation and operation.
- ✓ Comprehensive liability coverage to protect all parties involved.
- ✓ **Proactive risk mitigation** through regular inspections, compliance checks, and staff training.
- ✓ Rapid response measures to address any incidents, ensuring full resolution before project acceptance.
- **☑** BLS ensures all contracted work is executed safely, responsibly, and in compliance with County requirements.

O. SUBCONTRACTORS

Blue Line Solutions, LLC hires subcontractors for installation and maintenance work and, as such, is responsible for their performance, including acts and omissions. Our employees are held to high standards, and we stand behind their labor.



RP-21 EQUIPMENT SPECIFICATIONS

A. BLS LIDAR-BASED SPEED ENFORCEMENT SYSTEM

Blue Line Solutions (BLS) utilizes **LiDAR technology** to ensure **precise**, **reliable**, **and legally defensible school zone speed enforcement**. The system provides **accurate speed detection**, **high-resolution video evidence**, **and compliance with all regulatory standards** for **court-admissible citations**.

LiDAR-Based Speed Detection & Citation Process

- Single-Lane Precision Tracks individual vehicles in multi-lane traffic.
- Real-Time Speed Measurement Instantly detects and records violations.
- Certified Accuracy Meets NIST and local regulatory standards, pre-calibrated for court use.
- Automated Citation Process LiDAR detects the violation, activates cameras, records high-resolution video, and compiles evidence for law enforcement review before issuance.
 - Eliminates false readings and ensures compliance with all enforcement requirements.

B. CAMERA & VIDEO EVIDENCE CAPTURE CAPABILITIES

- Color Image Capture (Rear View) Ensures clear visibility of license plates.
- Full-Motion Video Recording Captures entire violation event for legal defensibility.
- Infrared & Low-Light Capability Ensures 24/7 visibility, even in poor lighting conditions.
- Multi-Angle Capture Confirms vehicle and license plate details from multiple perspectives.
- Compliance with School Zone Enforcement Periods
- Automated Enforcement Scheduling System automatically activates based on school calendars.
- Active Only During School Zone Hours Prevents false citations outside of legal enforcement times.
- Real-Time Traffic Monitoring Ensures citations occur only within designated school zone limits.
 - **☑** Guarantees citations are issued only when enforcement is legally active.
 - ✓ Still images alone are NOT used—each violation is documented with video.



C. LICENSE PLATE CAPTURE & DATA INTEGRITY

- Ultra-High-Definition Cameras (4K-Resolution) Captures detailed images of violating vehicles. <u>Video 1 Video 2</u>
- Infrared (IR) & Low-Light Optimization Ensures clear plate visibility in any weather condition.
- Automatic License Plate Recognition (ALPR) Enhances readability by reducing glare or shadow issues.
- Time-Stamped & Geo-Tagged Evidence Verifies violation location, time, and school zone activation status.
 - **☑** Ensures only clearly identified vehicles receive citations, eliminating false readings.

D. HIGH-DEFINITION REAR LICENSE PLATE CAPTURE

BLS' camera and video system ensures that **every violating vehicle's rear license plate is clearly visible**, even in **challenging conditions**.

- **Ultra-High-Definition Cameras (4K-Resolution)** Captures **sharp, detailed images** of the violating vehicle.
- → Infrared (IR) & Low-Light Capabilities Ensures clear visibility at night, in fog, or low-light conditions.
- **Automatic License Plate Recognition (ALPR) Technology** Enhances readability of **plates with glare, shadows, or obstructions**.
- **%** Full-Motion Video Capture Each violation event is recorded from approach to exit, confirming vehicle movement and speed.
- **Optimal Camera Angles & Positioning Cameras are strategically placed for the best license plate visibility and accuracy**.
- Ensures that only clearly identified vehicles receive citations.

E. LICENSE PLATE VISIBILITY & DATA INTEGRITY

Each enforcement system is calibrated to **focus on the violating vehicle's rear license plate**, ensuring **undeniable evidence**. Infrared used so there are no floodlights or flashes for enforcement.

- ✓ Plate Readability in All Conditions Clear images in rain, fog, and nighttime scenarios.
- ✓ Time-Stamped & Geo-Tagged Evidence Every image is linked to the violation location, time, and school zone activation status.
- ✓ Single-Vehicle Targeting (No Multi-Lane Confusion) LiDAR technology



ensures each violation is linked to one vehicle at a time. • Infrared (IR) LED Illumination – Completely invisible to the human eye, ensuring no driver distraction.

- No White Light or Visible Flashing Does not emit standard camera flashes.
- Optimized for Nighttime & Low-Light Conditions Ensures clear license plate visibility in total darkness.
- Multi-Wavelength IR Technology Uses 850nm and 940nm infrared light for enhanced image clarity.

F. SECURE STORAGE & COURT-ADMISSIBLE EVIDENCE

All license plate images and violation data are **securely stored** and accessible for **citation review hearings and court proceedings**.

A. Legal Documentation & Evidence Integrity

- CJIS-Compliant Secure Cloud Storage Ensures tamper-proof, encrypted evidence retention.
- Violation Case Files Generated for Each Incident Includes clear license plate images, speed readings, and video evidence.
- Evidence Packages for Court Hearings Guarantees all violations withstand legal challenges.

Our approach guarantees tamper-proof storage, secure access controls, and a verifiable chain of custody for all enforcement data, ensuring that evidence remains legally defensible and protected throughout its lifecycle.

G. EXAMPLE SETS OF VIOLATION VIDEOS AND PHOTOS

- G. Contractors shall submit example set(s) of violation video and any evidentiary photos produced from video electronically with their proposal, if applicable under the following conditions:
- Daytime fair conditions AND rain conditions Video 1 Video 2
- Nighttime fair conditions AND rain conditions Photo 1 Photo 2

H. NEWGUARD

Secure Storage, Transmission, and Chain of Evidence for Violation Data

Blue Line Solutions (BLS) ensures that all video and accompanying violation evidence are securely captured, stored, transmitted, and maintained to comply with CJIS (Criminal Justice Information Services), NLETS (National Law Enforcement Telecommunications System), and other legal standards for evidence security and integrity.

Our approach guarantees tamper-proof storage, secure access controls, and a verifiable chain of custody for all enforcement data, ensuring that evidence remains legally defensible and protected throughout its lifecycle.



1. Secure Data Capture & Immediate Encryption

BLS enforces **end-to-end encryption** to ensure that all video and supporting evidence are securely captured **from the moment of recording**.

A. Data Capture Security Measures

- **Encrypted On-Device Storage** All video and metadata are **encrypted immediately** upon capture.
- AES-256 Encryption Ensures highest-level security for stored violation data.
- Real-Time Tamper Detection If unauthorized access is attempted, the system flags and logs the event.
- **✓** No unencrypted data is ever stored or transmitted.

2. Secure Transmission of Violation Evidence

All enforcement video and images are securely transmitted to cloud storage using encrypted data channels.

A. Secure Data Transmission Process

- End-to-End Data Encryption (TLS 1.3/AES-256) Prevents unauthorized interception.
- CJIS-Compliant Secure Cloud Transfer Ensures safe evidence transmission from roadside
 to
 the
 cloud.
- Automated Integrity Checks Ensures data is unchanged during transfer.
- Multi-Factor Authentication (MFA) for System Access Prevents unauthorized access to evidence.
- Evidence is securely transmitted in real time, preventing data loss or corruption.

3. Chain of Custody & Audit Controls

BLS ensures that all enforcement evidence maintains an unbroken chain of custody for use in legal proceedings.

A. Chain of Evidence Integrity

- Automated Audit Trail Every action on violation data is time-stamped and logged.
- Role-Based Access Control (RBAC) Only authorized law enforcement and court personnel can access evidence.
- Immutable Evidence Logs All edits, reviews, and approvals are recorded in an unmodifiable log.
- Δ'Δ **Court-Admissible Evidence** includes: Each violation packet **√** Original, unaltered video & files image metadata **Timestamped**

√ Location & speed data

☑ Ensures that every piece of evidence remains legally admissible in hearings or court proceedings.

4. Secure Long-Term Storage & Data Retention

BLS provides **secure**, **long-term cloud storage** for all violation evidence, ensuring compliance with **Charlotte County's legal and retention policies**.

A. Secure Evidence Retention Policy

- CJIS-Compliant Cloud Storage (AWS GovCloud / NLETS Hosting) Ensures high-security data storage.
- m Retention Period Configurable Per County Requirements Data is stored for minimum



timeframes. required

Automatic Evidence Purge & Expiration Logs – Ensures data is only retained as long as legally required.

All violation evidence remains secure and retrievable as needed.

5. Summary of Compliance with Security Requirements

BLS' evidence security approach meets and exceeds the requirements for secure storage, transmission, and chain of custody compliance.

Requirement

BLS Compliance

securely stored and transmitted

All video and violation data must be <a> AES-256 encrypted cloud storage & CJIScompliant transmission

evidence

Data must maintain a secure chain of <a>Immutable audit logs, role-based access, and forensic integrity controls

access

System must prevent unauthorized Multi-factor authentication (MFA) and strict access controls

with legal standards

Data retention policies must comply <a>V Customizable retention & auto-purge policies based on County requirements

BLS guarantees the security, integrity, and legal admissibility of all violation evidence.

VIOLATION NOTICES

Violation Notice & Compliance with Legal Requirements

Blue Line Solutions (BLS) ensures that all violation notices are processed, mailed, and include the required legal information within 30 days of the violation to comply with Florida Statutes § 318.14, § 318.18(3)(d), § 316.1896(8), § 316.1895, and § 316.183.

Our automated citation processing system guarantees that all required documentation and evidence are properly included in each notice of violation sent to the registered vehicle owner.

1. Timely Notice Processing & Mailing

BLS guarantees that all notices are sent within 30 days of the violation event.

A. Notice Mailing Process

🛗 Citation Issuance & Verification – Approved violations are processed immediately upon County approval.

📨 First-Class Mail Delivery – Notices are printed and mailed within 24-48 hours of approval.

🛑 Tracked Delivery Status – Ensures successful mailing and compliance with legal deadlines.

Ensures that all violators receive notice within the 30-day statutory timeframe.

2. Required Violation Notice Content

Each mailed Notice of Violation includes the following required elements:

A. Photographic & Video Evidence

- 🚋 High-Resolution Violation Image Displays license plate, vehicle details, and timestamp.
- 🞎 Access to Full Violation Video Owners can view the violation remotely via a secure online portal.



- Violation Location Details Clearly shows the exact site of the offense.
- B. Speed & Legal Information
- Maximum Speed of the Vehicle at Time of Violation Captured via certified LiDAR speed measurement.
- Posted School Zone Speed Limit Displays correct speed limit during enforcement hours. C. Legal Rights & Compliance Information
- ✓ Statement Informing Violators of Their Rights Clearly outlines:

Payment options under § 318.18(3)(d).

Affidavit submission process under § 316.1896(8).

- Riaht to contest the violation and avoid court fees.
- ✓ Review of Evidence Option Violators can review evidence online or in person at a designated
- ✓ Instructions for Viewing Evidence Includes website link & contact details for remote or inperson review.
- All required information is included in each mailed notice to ensure compliance.
- 3. Secure Online & In-Person Violation Review

BLS provides a secure web portal where registered owners can review their violation evidence remotely.

A. Web-Based Violation Review Portal

- 24/7 Online Access Allows violators to review photos & videos anytime.
- Evidence Verification View high-resolution photos, full-length video, and speed logs.
- User-Friendly Interface Guides owners through payment, dispute, and affidavit options. B. In-Person Violation Review Option
- A Physical Review Locations Available Designated County offices allow in-person viewing of evidence.
- Court-Ready Printed Evidence Packets Available upon request for formal dispute hearings.
- Ensures violators have access to all evidence to support due process rights.
- 4. Compliance with Florida Statutory Requirements

Legal Requirement

BLS Compliance

violation

Notice must be mailed within 30 days of V First-class mail delivery within 24-48 hours of citation approval

Must include photo showing license plate, ✓ High-resolution images with timestamp & date, time, and location

geolocation data

Must display vehicle's recorded speed & <a> Captured via LiDAR-based speed school zone speed limit

enforcement system

Must notify the violator of payment and <a> Clearly stated payment & affidavit affidavit options

instructions

evidence online or in person

Must offer violators the ability to review ✓ Secure web portal & in-person review locations available

BLS fully complies with all notice requirements outlined in Florida law.



RP-22 SPECIFIC REQUIREMENTS OF PROPOSAL CONTENT:

A. BLUE LINE SOLUTIONS WILL INDEMNIFY AND HOLD HARMLESS THE COUNTY

Indemnification Statement

Blue Line Solutions (BLS) acknowledges the importance of risk mitigation and legal responsibility in all enforcement operations. If selected, BLS will fully indemnify and hold harmless Charlotte County, its representatives, personnel, and employees from any and all liability, expenses, and attorney's fees related to claims of property damage, injury, or loss of life arising from or attributable to the performance of equipment or services provided under this contract.

BLS maintains comprehensive insurance coverage and adheres to strict safety, compliance, and maintenance protocols to minimize risk and ensure the highest standards of operational integrity. Our commitment to legal and regulatory compliance ensures that all enforcement technology and services are implemented with full accountability and responsibility to protect the County and its stakeholders.

B. HIGHEST QUALITY EQUIPMENT, PRODUCTS, AND SERVICES

Quality Assurance Statement

Blue Line Solutions (BLS) guarantees that all **equipment**, **products**, **and services** provided under this contract will be of the **highest quality**, fully compliant with **all specifications and regulatory requirements**, and **free from defects**. Our **LiDAR-based speed enforcement technology**, **high-resolution cameras**, **and automated violation processing systems** undergo **rigorous testing**, **calibration**, **and certification** to ensure **accuracy**, **reliability**, **and legal defensibility**.

BLS is committed to continuous system monitoring, proactive maintenance, and immediate issue resolution to maintain optimal performance throughout the contract term. Our field-proven technology and comprehensive service model ensure that Charlotte County receives a turnkey enforcement solution that meets and exceeds industry standards.

C. TRANSFER OF COUNTY OWNED DATA

Data Ownership & Transfer Commitment

Blue Line Solutions (BLS) acknowledges that all **data generated under this contract is the property of Charlotte County**. Upon **expiration or termination of the contract**, BLS will ensure the **secure and complete transfer** of all County-owned data to the designated County representative.

All data will be provided in a **standard**, **non-proprietary format** that is **fully usable and compatible** with existing County systems. If any data is in a proprietary format, BLS will supply the **necessary tools or software** to enable the County to **view**, **extract**, **and utilize** the information as needed. Our commitment to **data transparency**, **security**, **and**



accessibility ensures a seamless transition and uninterrupted operational continuity for the County.

D. TIMELINE FOR COMPLETION AT IDENTIFIED SITES



INSTALLATION TIMELINE

Speed Detection (up to 150 Cameras):

- Current inventory = 20 cameras; 8 weeks lead time
- Pole Installation: 5 school zones per week (per 2-person crew)
- Camera Installation: 5 school zones per week (10 cameras) (per 2person crew)

Start	End	Duration	Label
4/3/2025	4/17/2025	14	Speed Detection Planning (BLS)
4/17/2025	6/16/2025	60	Speed Detection Permitting (City)
6/16/2025	9/29/2025	105	Speed Detection Construction (BLS)
6/23/2025	10/6/2025	105	Speed Detection Installation (BLS)
			Insert new rows above this one



ZERO CRASHES, ZERO INJURIES, ZERO FATALITIES.

RF-23 OTHER SPECIFICATION

BLS Response: Proposal Integrity & Disclosure

Blue Line Solutions (BLS) affirms that this proposal **fully discloses all persons and entities** with a vested interest as principals. BLS further certifies that this proposal has been prepared **independently and in good faith, without collusion** or coordination with any other party submitting a proposal in response to this RFP. Our commitment to **transparency, ethical business practices, and fair competition** ensures compliance with all **procurement regulations and County requirements**.

A. TRAFFIC STUDY SITE SURVEY

BLS Response: Traffic Study Site Survey

Blue Line Solutions (BLS) will collaborate closely with **Charlotte County representatives** to identify **additional candidate school zones** based on a **data-driven assessment of speeding violations**. Our team will conduct **comprehensive baseline traffic studies**, monitoring selected school zones for at least **one full school day** to quantify **violation frequency and severity**.



BLS will provide detailed reports including speeding trends, peak violation times, and risk assessments to support data-informed site selection. Final site determinations will be made by authorized County personnel, and the cost of traffic studies will be included within the revenue share proposal, ensuring no upfront expense to the County.

B. CAMERA INSTALLATION

BLS Response: Camera Installation

Blue Line Solutions (BLS) will deploy enforcement equipment in all designated and future school zones, ensuring full compliance with required specifications. BLS will handle permit acquisition, site design, construction, installation, and ongoing maintenance, delivering a turnkey solution that meets or exceeds Charlotte County's enforcement standards.

C. SERVICE AND MAINTENANCE

BLS Response: Service & Maintenance Commitment

Blue Line Solutions (BLS) assumes **full responsibility** for servicing and maintaining all school zone speed enforcement equipment, ensuring **minimal downtime and continuous enforcement**. We guarantee a **24-hour initial response** for reported malfunctions and **72-hour repair completion** for most issues, supported by **24/7 remote system monitoring** for proactive issue detection. In cases of **accidental or criminal damage**, BLS will deploy replacement equipment immediately, with **full system replacements completed within 10 business days**. Our **preventative maintenance program**, including **quarterly inspections**, **firmware updates**, **and compliance checks**, ensures long-term system reliability. Additionally, BLS maintains **a stock of backup hardware** to facilitate rapid replacements when needed, quaranteeing uninterrupted enforcement operations.

D. VIOLATION SCREENING AND CITATION DEVELOPMENT

Blue Line Solutions (BLS) will collaborate with **Charlotte County representatives and the Clerk** to establish **legally compliant criteria** for speed violation evidence and citation issuance. Our **automated violation screening system**, paired with **law enforcement review**, ensures that **only valid**, **enforceable violations** advance to citation. BLS will assist in developing **customized notice content** and coordinate with the County to ensure proper **processing**, **mailing**, **and legal compliance** for both **notices of violation and uniform traffic citations (UTCs)** issued to registered vehicle owners.

UTCs will be issued via certified mail upon approval by authorized Charlotte County representatives, with BLS managing back-office support, court documentation, and compliance with Florida legislation. As an approved eCitation vendor with the



Florida Highway Safety and Motor Vehicles (FLHSMV), BLS can also electronically transmit UTCs to the FLHSMV, ensuring seamless and legally compliant processing.

E. CITATION PROCESSING

Blue Line Solutions (BLS) ensures full compliance with Charlotte County Ordinances and Florida Statutes in all aspects of violation and citation processing. Our automated violation screening system, combined with law enforcement review, guarantees that only valid violations proceed to citation. BLS manages the end-to-end citation process, including customized notice content, certified mail delivery, back-office support, court documentation, and compliance with Florida legislation.

F. STATISTICAL REPORTING

BLS Response: Statistical Reporting

Blue Line Solutions (BLS) will provide comprehensive statistical reporting to support project evaluation and enforcement transparency. BLS will deliver weekly, monthly, and ondemand reports detailing key program metrics, including the number of recorded events, billable and non-billable violations, forwarded cases, and issued citations. Reports will also include undeliverable citations, delinquency collection updates, and payment processing summaries. BLS will ensure real-time system operability tracking, including the status of enforcement cameras, downtime causes, repair progress, and estimated restoration timelines. Our web-based reporting platform allows authorized County officials to access all program data on demand, ensuring full visibility into enforcement trends and system performance. Additionally, BLS will provide expert testimony for contested hearings, ongoing training for County staff, and support for public information campaigns to enhance community awareness of the program.

RP-24 COORDINATION OF EQUIPMENT INSTALLATION

BLS Response: Coordination of Equipment Installation

Blue Line Solutions (BLS) will coordinate closely with all relevant Governmental Authorities to obtain the necessary approvals, permits, and compliance clearances for the construction and installation of school zone speed enforcement equipment. BLS will manage the entire permitting process, ensuring all site designs, construction activities, and equipment installations meet regulatory requirements. Additionally, BLS will work directly with jurisdictional agencies or property owners as needed to facilitate seamless deployment while ensuring full compliance with local, state, and federal regulations.

Installation Link

RP-25 PERMITS:

BLS Response: Permitting & Regulatory Compliance

Blue Line Solutions (BLS) will secure and cover all costs associated with construction permits, licenses, inspections, and governmental fees necessary for the execution of the



project. BLS will ensure that all required permits, including those for electrical, mechanical, structural, and underground work, are obtained before installation begins. Additionally, BLS will manage re-inspections, notices of commencement, and any required compliance measures to meet all regulatory requirements. Any public utility charges related to installation will be covered by BLS, and our team will be present for all scheduled permit inspections to facilitate smooth approval and timely project execution. While delays due to permitting will be accommodated through time extensions, BLS acknowledges that no additional compensation for such delays will be provided.

Permit Link

RP-26 LOCATIONS OF EQUIPMENT INSTALLATION:

BLS Response: Locations of Equipment Installation

Blue Line Solutions (BLS) **fully supports** Charlotte County's determination that the identified school zones present **heightened safety risks** requiring additional enforcement measures under **§316.008**, **Florida Statute**. BLS is **prepared to install and operate speed detection systems** at all designated locations, ensuring **compliance with County requirements** and **maximizing enforcement effectiveness**. Our team will work closely with **local authorities**, **school officials**, **and community stakeholders** to implement the program efficiently while prioritizing **student and pedestrian safety** in high-risk school zones.

RP-27 SIGNAGE REQUIREMENTS:

BLS Response: Signage Requirements

Blue Line Solutions (BLS) will ensure that all signage related to speed detection system installation and operation fully complies with Chapter 316, Florida Statutes, as well as all FDOT and FLHSMV regulations. BLS will work closely with Charlotte County representatives to meet the terms outlined in any Memorandum of Understanding or other formal agreements. Our team will oversee the placement, installation, and maintenance of required signage to ensure clear public awareness, legal compliance, and optimal enforcement effectiveness in designated school zones.

Signage Link

RP-28 COLLECTED FINES AND COSTS:

BLS Response: Collected Fines and Costs

Blue Line Solutions (BLS) will **fully comply** with **§316.1896**, **Florida Statute**, ensuring that **all fines and costs collected** under this program are **remitted directly to Charlotte County** in accordance with the required allocation breakdown. BLS will not remit any funds to the **County representative**, nor will payments be made from the **County representative to BLS**. All **contractor payments** will be made **exclusively by Charlotte County** as outlined in the pricing schedule.



BLS will ensure that the **fine remittance distribution** follows statutory requirements, including:

- \$60 retained by Charlotte County for administering the speed detection system and public safety initiatives.
- \$3 remitted to the Department of Revenue for the Criminal Justice Standards and Training Trust Fund.
- \$12 remitted to the Charlotte County school district for school security, transportation, and student safety improvements, including allocation for charter schools based on enrollment.
- \$5 retained by Charlotte County for the School Guard Recruitment and Retention Program.
- \$20 remitted to the State General Fund.

BLS will ensure **full transparency in financial transactions**, providing **detailed reporting and audit-ready documentation** through the **NewGuard™ financial platform** to support **Charlotte County's oversight and fund management**.

CONCLUSION

Blue Line Solutions (BLS) delivers a proven, turnkey automated enforcement solution that prioritizes safety, transparency, and community trust. With hundreds of successful deployments nationwide and a commitment to data-driven enforcement, cutting-edge technology, and unmatched client support, BLS ensures seamless implementation and measurable safety improvements. Our comprehensive approach—from installation to citation processing and court support—removes operational burdens from agencies, allowing them to focus on public safety. We look forward to partnering with Charlotte County to create safer school zones and protect the lives of students and pedestrians.

Sincerely,

Mark Hutchison

Mach Hutchenson

Founder & CEO





PART V - SUBMITTAL FORMS PROPOSAL SUBMITTAL SIGNATURE FORM

The undersigned attests to his/her authority to submit this proposal and to bind the firm herein named to perform as per contract, if the firm is awarded the Contract by the County. The undersigned further certifies that he/she has read the Request for Proposal, Terms and Conditions, Insurance Requirements and any other documentation relating to this request and this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

By signing this form, the proposer hereby declares that this proposal is made without collusion with any other person or entity submitting a proposal pursuant to this RFP.

In accordance with section 287.135, Florida Statutes, the undersigned certifies that the company is not on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and does not have business operations in Cuba or Syria (if applicable) or the Scrutinized Companies that Boycott Israel List, or is not participating in a boycott of Israel.

As Addenda are considered binding as if contained in the original specifications, it is critical that the Consultant acknowledge receipt of same. The submittal may be considered void if receipt of an addendum is not acknowledged.

Addendum No. 1 Dated 02/05/25 Addendum No. Dated Addendum No. Dated

Addendam No Dated Adde	Dateu				
Addendum No. 2 Dated 02/10/25 Adde		Addendum No	Dated		
Type of Organization (please check one):	INDIVIDUAL CORPORATION	(<u>)</u> (<u>_x</u>)	PARTNERSHIP JOINT VENTURE	(_) (_)	
Blue Line Solutions, LLC	833.469.6630				
Firm Name	Telephone				
	46-0580223				
Fictitious or d/b/a Name 4409 Oakwood Drive	Federal Employer Identification Number (FEIN)				
Home Office Address					
Chattanooga, TN 37416	15				
City, State, Zip			Number of Years in Business		
Address: Office Servicing Charlotte County,	other than above				
David Bocchino			(813) 270-7281		
Name/Title of your Charlotte County Rep.	Telephone				
Kelly Abercrombie					
Name/Title of Individual Binding Firm (Please Print)			March 3, 2025		
Signature of Individual Binding Firm			Date		
kabercrombie@bluelinesolutio	ns.org				

(This form must be completed & returned)

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Email Address

DRUG FREE WORKPLACE FORM

Blue Line Solution	ıs,
LLC	
(name of business)	

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that _ does:

- 1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- 2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- 3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
- 4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
- 5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Proposer's Signature

March 3, 2025

Date

(This form must be completed & returned)

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RFP No. 20250231

HUMAN TRAFFICKING AFFIDAVIT for Nongovernmental Entities Pursuant To FS. §787.06

Charlotte County Contract #20250231

The undersigned on behalf of the entity listed below, (the "Nongovernmental Entity"), hereby attests under penalty of perjury as follows:

- 1. I am over the age of 18 and I have personal knowledge of the matters set forth except as otherwise set forth herein.
- 2. I am an officer or representative of the Nongovernmental Entity and authorized to provide this affidavit on the Company's behalf.
- 3. Nongovernmental Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes.
- 4. This declaration is made pursuant to Section 92.525, Florida Statutes. I understand that making a false statement in this declaration may subject me to criminal penalties.

Under penalties of perjury, I declare that I have read the foregoing Human Trafficking Affidavit and that the facts stated in it are true.

A A W L
Signature
Craig Hamilton
Printed Name
Director, Bids and Proposals
Title
Blue Line Solutions, LLC
Nongovernmental Entity
03/03/2025
Date

Further Affiant sayeth naught.

END OF PART V

(This form must be completed & returned)

19 RFP No. 20250231