



**CITY OF BELLE ISLE, FLORIDA  
CITY COUNCIL AGENDA ITEM COVER SHEET**

**Meeting Date:** January 7, 2020

**To:** Honorable Mayor and City Council Members

**From:** B. Francis, City Manager

**Subject:** RFP for Traffic Camera Safety System

**Background:** Due to increases in traffic at certain intersections in Belle Isle the BIPD and City wish to significantly improve intersection traffic safety by deterring red light running, a traffic violation with potentially catastrophic consequences for those involved, especially in the area of Cornerstone Charter Academy.

The City staff would like to solicit proposals for the installation and maintenance of automated cameras/monitoring devices also known as traffic control signal monitoring systems for red traffic light violations with a vendor capable of a turnkey solution for design, implementation and maintenance.

In December 2017 the Florida Highway Safety and Motor Vehicles Division published a report on red light cameras in Florida.

Automated Red Light and Speed Enforcement Camera Pros:

- Accident frequency, particularly T-bone or broadside collisions, is reduced at intersections with red light cameras.
- Traffic law violations drop significantly in areas with red light or speed enforcement cameras.
- Pedestrian fatalities have decreased at the majority of intersections with red light cameras.

**Staff Recommendation:** Review the RFP to see if it meets the goal of Council's direction.

**Suggested Motion:** I move that we approve the RFP and direct the City Manager to advertise the RFP.

**Alternatives:** Do not approve

**Fiscal Impact:** TBD

**Attachments:** RFP draft  
FHSMV Report



**REQUEST FOR PROPOSALS (RFP) No. 2020-02  
FOR  
TRAFFIC CAMERA SAFETY SYSTEM**

**ISSUED BY THE CITY OF BELLE ISLE**

**Issue Date: January 13, 2020**

**CONTACT FOR THIS SOLICITATION:**

Name and Title: Bob Francis, City Manager  
Address: 1600 Nela Avenue, Belle Isle, FL 32809  
Telephone: (407) 851-7730  
E-mail: [bfrancis@belleislefl.gov](mailto:bfrancis@belleislefl.gov)

**PROPOSALS ARE DUE AT THE CITY CLERK'S OFFICE NO LATER THAN:**

**Thursday, February 20, 2020 at 3:00 PM (local time)**  
at  
**OFFICE OF THE CITY CLERK**  
1600 Nela Avenue  
Belle Isle, FL 328009

Business hours are 8:00 a.m. to 5:00 p.m., Monday through Friday. Additionally, the Clerk's Office is closed on holidays observed by the City.

All proposals received by the Clerk prior to the proposal submittal deadline shall be accepted as timely submitted. Proposals submitted after the proposal submittal deadline shall not be accepted. The responsibility for submitting a proposal on or before the stated time and date is solely and strictly the responsibility of the Proposer. The City will in no way be responsible for delays caused by mail delivery or caused by any other occurrence. All expenses involved with the preparation and submission of proposals to the City, or any work performed in connection therewith, shall be borne by the Proposer(s).

The submittal of a proposal by a Proposer will be considered by the City as constituting an offer by the Proposer to perform the required services at the stated prices. A Proposer may submit a modified proposal to replace all or any portion of a previously submitted proposal up until the proposal due date. The City will only consider the latest version of the proposal.

Requests for additional information or inquiries must be made in writing and received by the City's contact person for this Solicitation. The City will issue responses to inquiries and any changes to this Solicitation it deems necessary in written addenda issued prior to the proposal due date. Such addenda will be posted on the City's website: [www.cityofbelleislefl.org](http://www.cityofbelleislefl.org)

**1.0 PROJECT OVERVIEW AND GENERAL TERMS AND CONDITIONS**

**1.1 Introduction**

The City of Belle Isle, hereinafter referred to as the City, is soliciting proposals for the installation and maintenance of automated cameras/monitoring devices also known as traffic control signal monitoring systems for red traffic light violations with a Vendor capable of a turnkey solution for design, implementation and maintenance of both systems. The successful Vendor will provide all the necessary hardware and administrative support to ensure a credible and reliable electronic camera and reader recording system.

Whereas, the City has adopted by reference F.S. Ch. 316 and F.S. Ch. 318, allowing for the use of traffic infraction detectors within the City’s jurisdictional limits, as allowed by Florida Statutes. The City wishes to significantly improve intersection traffic safety by deterring red light running, a traffic violation with potentially catastrophic consequences for those involved.

The selected firm will enter into a turn-key (design, implementation, maintenance, and operations) agreement with the City to provide, at a minimum the services identified in Section 2.0. The City anticipates awarding a contract for a three year period, with two, three-year options to renew.

The anticipated schedule for this Solicitation is as follows:

Solicitation issued:	January 13, 2020
Deadline for receipt of questions:	February 12, 2020
Proposal due date:	February 20, 2020
Evaluation process:	February 21 to February 26, 2020
Projected award date:	March 2, 2020

**1.2 Definitions**

The following words and expressions used in this Solicitation shall be construed as follows, except when it is clear from the context that another meaning is intended:

1. The word “Contractor” to mean the Proposer that receives any award of a contract from the City as a result of this Solicitation, also to be known as “the prime Contractor”.
2. The word “City” to mean the City of Belle Isle, a political subdivision of the State of Florida.
3. The word “Proposer,” or “Vendor” to mean the person, firm, entity or organization, submitting a response to this Solicitation.
4. The words “Scope of Services” to mean Section 2.0 of this Solicitation, which details the work to be performed by the Contractor.
5. The word “Solicitation” to mean this Request for Proposals (RFP) or Request for Qualifications (RFQ) document, and all associated addenda and attachments.
6. The word “Subcontractor” to mean any person, firm, entity or organization, other than the employees of the Contractor, who contracts with the Contractor to furnish labor, or labor and materials, in connection with the Services to the City, whether directly or indirectly, on behalf of the Contractor.
7. The words “Work”, “Services”, “Program”, or “Project” to mean all matters and things that will be required to be done by the Contractor in accordance with the Scope of Services and the terms and conditions of this Solicitation.

**1.3 General Proposal Information**

The City may, at its sole and absolute discretion, reject any and all or parts of any or all responses; accept parts of any and all responses; further negotiate project scope and fees; postpone or cancel at any time this Solicitation process; or waive any irregularities in this Solicitation or in the responses received as a result of this process. A proposal shall be the Proposer’s firm commitment to provide the goods and services solicited in the manner requested in the Solicitation and described in the proposal. In the event that a Proposer wishes to take an exception to any of the terms of this Solicitation, the Proposer shall clearly indicate the exception in its proposal. No exception shall be taken where the Solicitation specifically states that exceptions may not be taken. Further, no exception shall be allowed that, in the City’s sole discretion, constitutes a material deviation from the requirements of the Solicitation. Proposals taking such exceptions may, in the City’s sole discretion, be

deemed nonresponsive. The City reserves the right to request and evaluate additional information from any respondent regarding respondent's responsibility after the submission deadline as the City deems necessary.

Proposals shall be irrevocable until contract award unless the proposal is withdrawn. A proposal may be withdrawn in writing only, addressed to the City contact person for this Solicitation, prior to the proposal due date or upon the expiration of 180 calendar days after the opening of proposals.

Proposers are hereby notified that all information submitted as part of, or in support of proposals will be available for public inspection after opening of proposals, in compliance with Chapter 119, Florida Statutes, popularly known as the "Public Records Law". The Proposer shall not submit any information in response to this Solicitation which the Proposer considers to be a trade secret, proprietary or confidential. The submission of any information to the City in connection with this Solicitation shall be deemed conclusively to be a waiver of any trade secret or other protection, which would otherwise be available to Proposer. In the event that the Proposer submits information to the City in violation of this restriction, either inadvertently or intentionally, and clearly identifies that information in the proposal as protected or confidential, the City may, in its sole discretion, either (a) communicate with the Proposer in writing in an effort to obtain the Proposer's written withdrawal of the confidentiality restriction or (b) endeavor to redact and return that information to the Proposer as quickly as possible, and if appropriate, evaluate the balance of the proposal. Under no circumstances shall the City request the withdrawal of the confidentiality restriction if such communication, would in the City's sole discretion, give to such Proposer a competitive advantage over other proposers. The redaction or return of information pursuant to this clause may render a proposal non-responsive.

Any Proposer who, at the time of proposal submission, is involved in an ongoing bankruptcy as a debtor, or in a reorganization, liquidation, or dissolution proceeding, or if a trustee or receiver has been appointed over all or a substantial portion of the property of the Proposer under federal bankruptcy law or any state insolvency law, may be found non-responsible.

#### **1.4 Prohibited Communications**

All firms and their agents or employees who intend to submit, or who have submitted, responses to this solicitation are hereby placed on formal notice that neither City Council Members, candidates for City Council, members of the Selection Advisory Committee (SAC), nor any employee of the City of Belle Isle are to be contacted or lobbied either individually or collectively concerning this project.

#### **1.5 Clarification of Requirements**

Questions regarding the requirements or conditions of this solicitation should be addressed in writing, not later than seven (7) days prior to the proposal opening date to the City Manager – Bob Francis, 1600 Nela Ave., Belle Isle, FL 32809, (407) 851-7730, [bfrancis@belleislefl.gov](mailto:bfrancis@belleislefl.gov)

However, unless modified by a written addendum issued by the City Manager, the specifications and conditions contained herein stand as stated. Verbal communications are neither authoritative nor binding. Any verbal interpretation in conflict with these specifications as written should immediately be directed in writing to the City Manager. Any interpretation provided to any Vendor in response to inquiries regarding this solicitation which affect the outcome of this proposal will be furnished in writing to all Vendors who have received this solicitation.

#### **1.6 Public Entity Crimes**

Pursuant to Paragraph 2(a) of Section 287.133, Florida Statutes, a person or affiliate who has been placed on the convicted Vendor list following a conviction for a public entity crime may not submit a proposal for a contract to provide any goods or services to a public entity; may not submit a proposal on a contract with a public entity

for the construction or repair of a public building or public work; may not submit proposals on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and, may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 for Category Two (\$10,000) for a period of thirty-six (36) months from the date of being placed on the convicted Vendor list.

**1.7 Collusion**

Where two (2) or more related parties, as defined herein, each submit a proposal for any contract, such proposals shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such proposals. Related parties shall mean Proposer or the principals thereof which have a direct or indirect ownership interest in another Proposer for the same contract or in which a parent company or the principals thereof of one Proposer have a direct or indirect ownership interest in another Proposer for the same contract. Furthermore, any prior understanding, agreement, or connection between two or more corporations, firms, or persons submitting a proposal for the same services shall also be presumed to be collusive. Proposals found to be collusive shall be rejected. Proposers who have been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

**2.0 SCOPE OF SERVICES**

**1. Background**

The City of Belle Isle intends to contract with a qualified Vendor for comprehensive and fully integrated red light traffic safety management services. The Vendor will deploy traffic safety camera equipment at designated intersections, covering one (1) to three (3) approaches at each intersection. At selected approaches, up to five (4) lanes will require traffic safety camera enforcement, including any turn lanes. The contracted services shall include all hardware, software, installation, maintenance, operation, and all back-office processing of violations as specified below.

The traffic safety camera enforcement system will have the capability, when utilizing one or more sensors, to work in conjunction with a traffic control signal, still camera and video recording device, to capture and produce recorded images of motor vehicles entering into an intersection against a steady red light signal. The cameras will be installed by the Vendor at no cost to the City of Belle Isle at traffic intersections at the direction of representatives of the City of Belle Isle. Initial installation of cameras is anticipated to be at a minimum of three (3) intersections with three (3) approaches.

The cameras utilized will have the technology to capture the image at the precise time the vehicle breaks the plane of an intersection when the traffic signal light turns red. The Vendor will provide a representative to work closely with the City of Belle Isle Police Department to verify each red light infraction. As a result of the infraction, the owner/driver of the offending vehicle will be issued an infraction notice with the photographs and video link of the violation from the Vendor. The infraction will impose a fine that when paid, the revenue will be split in a manner agreeable to the City of Belle Isle and the Vendor. All equipment and installation costs, including securing the property rights to accommodate the installation of the equipment, shall be borne by the Vendor. The repair and maintenance of the cameras and related equipment will be the sole responsibility of the Vendor, including but not limited to maintaining the casings of the cameras and the Vendor system.

The City of Belle Isle expects to acquire turnkey services as outlined below. The services sought from qualified Vendors include the following:

- A. Site design, installation, maintenance and operation of automated camera systems at all selected intersections.
- B. Processing of data prior to providing access to chargeable violations via secure web site to the City of Belle Isle for review and authorization of citations by electronic signature for those events that meet specified criteria.

- C. Mailing of duly authorized citations.
- D. Provision of an on-line module, which will enable hearing, adjudication and payment processing.
- E. Maintenance of an on-line internet viewing capability for use by the City of Belle Isle personnel and members of the public who receive violations.
- F. Provision of expert testimony at contested hearings (unless or until judicial notice is taken).
- G. Assistance with the development and implementation of a public information and community outreach campaign at the cost of the Vendor.
- H. Provision of regular statistical reports of program operations.
- I. Training City of Belle Isle staff involved in implementation of the program.
- J. The City of Belle Isle strongly prefers proposals that can incorporate an Amber and Silver Alert program, allowing an immediate response.
- K. The City of Belle Isle will provide an initial list of intersections, chosen in part based on quantitative assessment of the frequency of observed red light violations. As part of this process, Vendors will develop baseline data for one to four selected approaches at each intersection by monitoring for a minimum of eight (8) consecutive hours to quantify the frequency of red light violations during that period. This data will support both intersection and approach selection and will serve as baseline information for project evaluation purposes.
- L. From the intersections selected, the Vendor will deploy red light enforcement equipment meeting or exceeding the minimum standards specified herein. The Vendor will be responsible for all permit acquisition, site design, construction, installation, and maintenance of the equipment. The **Vendor** will be required to provide adequate signage for all approaches. Vendor will be required to have separate electrical meters for all equipment on all roadways at their own expense.
- M. The servicing and maintenance of the red light camera equipment will be the exclusive responsibility of the Vendor.
- N. The successful Vendor will work with the City to determine in detail the elements that will constitute evidence of a red light violation and with the City of Belle Isle to determine the contents of the citations that will be mailed to the registered vehicle owners.
- O. The successful Vendor will be expected to provide citation processing in compliance with all applicable local and state laws.
- P. In support of the City's project evaluation, the successful Vendor will provide monthly summary program metrics to the City.
- Q. The Vendor must comply with all applicable Florida Statutes and the City Ordinances.
- R. The successful Vendor will allow access with notice to the City to all financial or reporting records.

**2. Minimum Qualification Requirements**

The minimum qualification requirements for this Solicitation are:

- A. The red-light traffic safety system proposed by the Vendor shall have received Florida Department of Transportation (FDOT) Structural Design Pre-approval for State Roads. The approval must be granted by the date of proposal submission. The Vendor shall include in its proposal an affirmative statement indicating FDOT Structural Design Pre-approved for State Roads and provide date of certification and copy of the FDOT approval letter.

- B. The City requires the Vendor to be a National Law Enforcement Telecommunications System (NLETS) Strategic Partner. The Vendor shall include in its proposal an affirmative statement indicating it is a NLETS Strategic Partner, and provide date of certification and copy of certificate(s).

**3. Qualifications**

References:

The Vendor must provide references from five operational cities, counties, states, or governments, preferably in Florida, in order to document successful deployment of the Vendor's proposed red light traffic camera enforcement program. The references must be operating an outsourced program using the same equipment and technology proposed by the Vendor. The list for each reference shall include:

- A. Agency name and address
- B. Contracting officer and contact information (telephone number and e-mail address)
- C. Technical representative and contact information (telephone number and e-mail address)
- D. Written description of the specific equipment and services provided

By submitting a proposal, the Vendor authorizes the City to conduct reference checks as needed.

**The Vendor shall state its experience in working with other Florida jurisdictions under current State of Florida Statutes.**

Project Staff Qualifications:

The Vendor shall include the name, title, address, and telephone numbers of employees and any subcontractors who will both manage and be assigned to perform services for the City. In addition, a resume not exceeding (2) two pages, including references, detailing educational qualifications and previous work assignments related to this solicitation for each project management team member who will be assigned to perform work under this contract.

Financial Overview:

The Vendor shall provide a general description of the firm's financial condition and identify any conditions (i.e. bankruptcy, pending and/or existing litigation, planned office closures, impending merger/acquisition) that may affect the Vendor's ability to complete the project.

Current/Past Legal Proceedings:

The Vendor shall identify (including venue and case number) and describe all litigation, pending or closed, in which Vendor is or has been a named party and all notices of intent to sue filed by the Vendor in the last five years involving a local government and a red light camera system.

**4. Budget/Cost**

The City of Belle Isle will **only accept** Vendor proposals that guarantee cost neutrality (i.e., that revenue from the citations will at least match the cost of the Vendor fees as well as the operating costs to the City). Should the citation revenue fall short of the cost of the fees and City operating costs, the Vendor will absorb the difference in cost. The City of Belle Isle **will not** pay any additional fees not covered by revenues received.

**5. Payment Schedule**

The Contractor shall transfer, monthly, all collected revenue to the City's agreed upon financial institution and invoice the City monthly for service costs, as required.

**6. Technical Specifications**

**6.1 RED LIGHT CAMERA SYSTEM**

Vendor shall provide and install all equipment including, but not limited to, poles, cabinets and related operational equipment at the selected intersection(s).

- 6.1.1 Explain why the Vendor's red light camera technology is the best solution for the City of Belle Isle, the "City".
- Does it detect more actual infractions?
  - Does it capture clearer images?
  - Does it convert more actual infractions into usable/enforceable images?
- 6.1.2 Provide a list, with photos and dimensions of all major equipment (e.g., cameras, flash or lighting units, cabinets [including generally what the cabinets contain], what will be installed at a four (4) approach, up to four (4) lane intersection that may require both left and right turn monitoring). Strong preference will be given to systems that do not require additional cabinetry aside from that which houses the cameras. All systems must be non-intrusive to roadway or transportation signal cabinetry.
- 6.1.3 Does the system at any time photograph or image the driver of the vehicle?
- 6.1.4 Use of a high quality digital camera system with an output in excess of 10 million pixels per image is required. Vendor must detail the image quality specifications and provide real sets of infraction image examples captured in daytime, nighttime, during inclement weather and during times where sunlight is pointing in the direction of the camera.
- 6.1.5 The equipment should be capable of gathering traffic data for statistical analysis. Copies of sample reports shall be attached.
- 6.1.6 The equipment shall be capable of deployment in a wide range of operating conditions (e.g., heavy traffic volumes, adverse weather conditions, road surface configurations, etc., and across five (5) moving lanes of traffic).
- 6.1.7 The equipment shall provide a reliable non-intrusive, non-physical connection to the red phase signal.
- 6.1.8 The system must provide at least three (3) digital color still images of each violating event. The images must be taken so that the rear of the vehicle and license plate are captured and are readable. The first (1<sup>st</sup>) image shall capture the vehicle before the front wheels strike the legal infraction limit line. The second (2<sup>nd</sup>) image shall capture the vehicle after the rear axle has crossed the legal limit line. The third (3<sup>rd</sup>) one shall depict a close up of the license plate. Preference will be given for the ability to capture a short duration video of the infraction.
- 6.1.9 The camera system shall record data pertinent to each infraction at the time of capture.
- 6.1.10 Data shall be recorded in a flexibly configured data bar that is embedded with each scene, license plate and stop bar detection images that may be used to prove the infraction. The data bar shall include, but is not limited to, the following information for each infraction:
- Unique infraction identifier incorporating the City;
  - Location of infraction;
  - Date (MM/DD/YYYY);
  - Time of the infraction in 24-hour clock including hours, minutes and seconds;
  - Elapsed time between images;
  - Direction of travel;
  - Traffic signal phase;
  - Time into the red phase displayed in hundredths of a second;
  - Duration of the prior amber phase;
  - Vehicle lane of travel;
  - Camera ID; and
  - Frame sequence number.
- 6.1.11 Explain how the image and infraction data is secured and transmitted to the processing center.

- 6.1.12 Explain how the proposed system can compensate for the effects of license plate covers.
- 6.1.13 Explain how the proposed system can compensate for the effects of reflective material on license plates.
- 6.1.14 The system must provide an ancillary video system as supporting information to the infraction provided by the still images. The video must be full motion at the rate of thirty (30) frames per second or greater and allow aperture adjustment.
- 6.1.15 Each imaging unit's operation shall be microprocessor controlled and fully automatic.
- 6.1.16 The system shall be capable of on-site or remote activation and maintenance support.
- 6.1.17 The system shall perform self-test on set-up; simulate an infraction being recorded for testing; communicate error messages; record date and time of system shutdown in the event of a malfunction.
- 6.1.18 The system shall allow a malfunction to be easily identified and debugged on-line.
- 6.1.19 The system shall record event-specific evidence to substantiate multiple, simultaneous and/or concurrent infractions occurring during any red signal phase (Sample infraction images to demonstrate this capability are required as part of this proposal).
- 6.1.20 System shall provide 24/7 "live" intersection monitoring and viewing capabilities.
- 6.1.21 All camera system component operations must be synchronized to a single, standard, independent, external, and verifiable time and date source.
- 6.1.22 The selected Vendor must propose more than one vehicle detection method (In-ground loops will not be considered). Explain the vehicle detection methods that can be used by the proposed system, including the benefits and limitations of each (if more than one is offered).
- 6.1.23 Red light camera enclosures must be tamper proof and vandal proof.
- 6.1.24 Preference will be given to systems that require the least infrastructure at intersections.
- 6.1.25 Camera enclosures must be as small as possible and use as little power as possible. State the size of the red light camera system enclosure and the normal power draw of the system, including the power usage during the flash phase.
- 6.1.26 Camera enclosures must be designed in such a fashion that maintenance and other operations can be accomplished easily and quickly without creating a public safety hazard. Explain typical maintenance procedures.
- 6.1.27 Vendor shall state installation and construction times for a generic intersection, as well as how power is provided to the equipment.
- 6.1.28 The Vendor's system shall be able to simultaneously monitor traffic in up to five (5) lanes.
- 6.1.29 In addition to monitoring straight-through infractions, the system shall be capable of detecting and recording evidence of left and right turn infractions, regardless of vehicle speed (please reference program). Explain how your system captures illegal right-turn-on-red movements.
- 6.1.30 Describe the proposed disaster recovery plan for the system, including the expected response to equipment malfunctions under normal condition and within a disaster.

## 6.2 INFRACTION PROCESSING

Provide a description of the Vendor's infraction processing system.

- 6.2.1 Explain why the Vendor's infraction processing system is the best choice for the City.
- 6.2.2 There shall be no requirement to install Vendor processing software on City-owned/ maintained IT systems.
- 6.2.3 Vendor's infraction processing system shall allow the City a detailed view into all of the information related to the program.
- 6.2.4 All access to the infraction processing system for the purpose of pre-processing evidence, police authorization, notice printing, payments tracking and generation of special master evidence packages shall be Internet enabled and shall be available 24/7 for authorized users.
- 6.2.5 The infraction processing system shall provide the following functions:
  - a. Web-enabled access and operation;
  - b. Secure user log-in and access;
  - c. Automatic presentation of images and data captured by the camera system onto review PCs;
  - d. Easy review of infraction evidence against regulations;
  - e. Ability to both play full motion video and view multiple scene and plate images;
  - f. Ability to view each image as a full screen enlargement with a single click;
  - g. Ability to view all original images;
  - h. Ability to crop a license plate image area from the optimal license plate image in the multiple-image license plate set to establish vehicle ID, and subsequently print the cropped plate area image to the notice;
  - i. Ability to accept or reject infraction sets and record rejection reasons;
  - j. Ability to generate printed warning letters (during the first thirty [30] days of the program at the City's discretion);
  - k. Ability to automatically generate printed infraction notices;
  - l. Ability to store and archive all processed infraction evidence into a secured database;
  - m. 24/7 ability to access any stored infraction image from the system's database subject to agreed archive rules;
  - n. 24/7 ability to request and immediately view special master evidence package image sequences displayed as video or as individual high resolution still shots, or send images to print locally;
  - o. Ability to generate reports for financial tracking, local hearing officer and, past due violations;
  - p. 24/7 ability to immediately request, view and print both standard and user-defined reports;
  - q. Secured access control and automatically generated electronic audit trails; and
  - r. Encryption and decryption management.
- 6.2.6 Vendor system shall be capable of:
  - a. Preparing and mailing one notice letter for all chargeable infractions to vehicle owners after law enforcement approval.
  - b. Preparing and mailing a second notice for any infractions that remain unpaid as of their due date.
  - c. Preparing and mailing Notices of Hearings to violators who have requested a hearing before the local magistrate.
- 6.2.7 Ability for law enforcement to conduct a secondary review and mailing of duly authorized citations.
- 6.2.8 Infractions for which registered owner data is available shall normally be issued within seven (7) business days after police review of the incident. Initial notice letters shall not be sent until Vendor is advised to do so by the City.

6.2.9 Explain system for obtaining vehicle ownership information so that Notices of Infractions are sent accurately and reliably to registered owners of vehicles committing infractions, and the role, if any, of the City in obtaining or confirming that ownership information. Strong preference will be given to systems that require minimal City assistance in confirming ownership information.

### **6.3 STATISTICAL ANALYSIS AND REPORTING SYSTEM**

Describe the Vendor's statistical analysis and reporting systems proposed.

6.3.1 Systems with the capability to produce statistical analysis of camera locations and operations will be preferred; including, at minimum:

- a. Hours of use per camera by operational site;
- b. Results achieved by each camera by site;
- c. Offenses recorded by site;
- d. Traffic counts by lane, date and hour; and
- e. Ability to do ad hoc reports on all data.

6.3.2 The Vendor's processing system shall be capable of immediately generating operations reports 24/7 including:

- a. Number of infractions recorded;
- b. Count of infractions where notices not prepared;
- c. Notices prepared and mailed; and
- d. Status of notices issued (outstanding, canceled, reissued and so forth).

6.3.3 The Vendor system shall also supply reports of:

- a. Camera equipment hours of service and hours lost; and;
- b. Number and description of camera or other equipment malfunctions.

6.3.4 The Vendors system shall be capable of providing infraction and traffic statistics as follows:

- a. Real-time traffic volume and vehicle counts; and;
- b. Real-time infraction graphs and chart by:
  - i. individual lane;
  - ii. time of day; and
  - iii. day of week.

6.3.5 Preference will be given to systems, that can analyze results obtained from each camera location to show the prosecutable image rate (e.g., the number of notices issued compared to the number of infractions captured) and the traffic count statistical information.

6.3.6 Preference will be given to systems that have online reporting capability in real time and allow the Vendor to provide the City with a monthly activity report within ten (10) days following the end of the month.

6.3.7 The monthly report shall indicate the following:

- a. Number of events recorded, by intersection approach and in total.
- b. Number of events, not billable, including a breakout of controllable and not controllable events lost, by intersection approach and in total.
- c. Number of events forwarded to the City of Belle Isle.
- d. Number of citations authorized and mailed, by month of issuance.
- e. Number of citations returned as undeliverable.
- f. The total number and percentage of rejected images and the reason for rejections.
- g. Total number of paid violations.
- h. Vehicles committing three or more violations in one calendar year.

- 6.3.8 The Vendor should provide quarterly and yearly summary data and year-to-date statistics. The Vendor shall prepare an initial program evaluation report six months after the beginning of the program. The report should include an analysis of the initial program data and an explanation of the program improvements that have been planned and implemented, if any. The Vendor should complete and submit a comprehensive program evaluation at the end of the first year of the contract and each subsequent contract year.
- 6.3.9 The Vendor should provide any other reports(s) and document (s) as are mutually agreed upon by the City and the Vendor.

#### **6.4 IMAGE TRANSMISSION SECURITY AND DATA STORAGE**

Provide a description of the Vendor's processes and systems to be used to securely transmit citations and related information and to secure data storage.

- 6.4.1 Vendor must provide for image and data security that shall prevent unauthorized persons from accessing the camera images and databases and tampering with images (explain methodology).
- 6.4.2 The Vendor must store all enforceable images produced by cameras for no less than 180 days after final disposition or greater duration requested by City.
- 6.4.3 Vendor shall provide the City an evidence package for all contested violations. The package shall consist of:
  - a. All issued and disputed notices to the party;
  - b. A violation history report;
  - c. A correspondence file;
  - d. A payment history;
  - e. A duplicate of the Notice of Violation; and
  - f. A duplicate of all images related to the incident causing the Notice of Violation to be generated.
- 6.4.4 Vendor will maintain a proper chain of evidence that meets the needs of the City, hearing officers and court functions. Please describe how this is accomplished.
- 6.4.5 Vendor will provide, at no cost to the City, a qualified expert witness who is knowledgeable on the theory, operation and functional capabilities of the red light camera unit.

#### **6.5 MAINTENANCE, SUPPORT AND TRAINING**

Provide a description of the Vendor's maintenance, support and training activities.

- 6.5.1 All maintenance of camera, video, sensors, computer, and related equipment shall be the responsibility of the Vendor. This shall include provisions of electricity or other sources of power to the equipment at Vendor's expense.
- 6.5.2 The Contractor shall guarantee to repair or replace photo traffic enforcement equipment that is malfunctioning within seventy-two (72) hours of the malfunction. Damaged or vandalized equipment should be repaired or replaced within seventy-two (72) hours of the occurrence of the damage or vandalism. The Contractor should determine whether malfunctioning, damaged or vandalized equipment would be repaired or replaced. Any outage over twenty-four (24) will be reported to the City.
- 6.5.3 The Contractor should replace photo traffic enforcement equipment that has been stolen or otherwise removed within seven (7) days of the removal.
- 6.5.4 Describe the proposed standard process for how often the cameras systems will be visited for maintenance and inspection. Explain what occurs during a maintenance and inspection visit.

- 6.5.5 Vendor must provide ongoing training support for their product.
- 6.5.6 Vendor shall provide hands-on training as necessary to personnel as required by the City.
- 6.5.7 Vendor shall furnish training materials.
- 6.5.8 All training and training materials should be provided at no additional cost to the City.

**6.6 OPERATION AND PUBLIC AWARENESS**

- 6.6.1 Describe the project management approach and how it will ensure a successful project for the City.
- 6.6.2 Present the skills and qualifications of the proposed project manager and the team surrounding that candidate.
- 6.6.3 Present the proposed timeline that will allow the program to become operational for the 30 day introductory period and for the issuance of actual notices of violations and imposition of fines.
- 6.6.4 Describe the extent of the City staff's involvement in the project. Provide a list of City requirements.
- 6.6.5 Vendor will provide assistance with the content, design, and implementation of a public education program and associated materials. Assistance with the development and implementation of a public information and community outreach campaign, to include printed materials, shall be at the cost of the awarded Vendor.
- 6.6.6 At the request of the City, the Vendor will participate in an on-going media campaign to provide program awareness to the public. Vendor will support the City by training staff on how to present the Vendor's systems at public seminars or presentations. The Vendor will provide staff for public forums as necessary.

**6.7 FEES AND SCOPE OF WORK FOR PRICING**

- 6.7.1 The price proposal (Exhibit C) shall be based on the assumption of implementation of a minimum of two (2) intersections for three (3) years with an option to extend the contract for two additional three (3) year periods. For comparative purposes, it shall be based on the Scope of Services indicated. The actual duration of the term will be addressed by contract negotiated with the successful proposer.
- 6.7.2 Vendor shall provide a project manager for the project as the single point of contact of the City.
- 6.7.3 Vendor shall provide intersection design and installation plans for review and approval by the Florida Department of Transportation and the City.
- 6.7.4 Vendor shall install and maintain installed cameras.
- 6.7.5 Vendor shall be responsible for loading, optimizing and license plate data entry processing of images for review (final review to be processed by an authorized representative of the City).
- 6.7.6 Vendor will prepare the notice letters referenced herein for all chargeable infractions and will mail such notice letters to vehicle owners. The Vendor shall include a return envelope for payments with all notice letters.
- 6.7.7 Infractions for which registered owner data is available shall be issued within the legally required number of days of the infraction event date.
- 6.7.8 Vendor shall provide all required notice processing supplies including, paper, envelopes, postage, toner, and any and all notice printing supplies.

- 6.7.9 Notices shall include one set of images and a license plate image, as well as instructions as to viewing the alleged infraction through the internet.
- 6.7.10 Vendor shall provide a means for the fines to be paid on-line by credit or debit card.
- 6.7.11 Vendor shall provide a means for the fines to be paid by phone using a credit or debit card.
- 6.7.12 Vendor shall provide for the collection of delinquent accounts, at City's discretion.

#### **4.0 RESPONSE REQUIREMENTS**

##### **4.1 Submittal Requirements**

Proposers should carefully follow the format and instructions outlined herein. All documents and information must be fully completed and signed as required. The proposal shall be written in sufficient detail to permit the City to conduct a meaningful evaluation of the proposed services. However, overly elaborate and/or lengthy responses are not requested or desired.

The following requirements should be responded to in your proposal in concise narrative form. Each issue should be referenced by tab and be presented in the following order:

##### **Tab 1: Letter of Interest / Cover letter**

This letter will summarize in a brief and concise manner, the contractor's understanding of the scope of work and make a positive commitment to perform the work required for this contract. It should also summarize the proposer's position as to why the company should be selected (two page maximum).

##### **Tab 2: Company Profile**

Briefly describe the organization of your firm, provide legal registered name, address, telephone number, fax number, toll free number, e-mail address, web page address of the contractor, together with legal entity (corporation, partnership, etc.). If contractor is a corporation, provide certification from your state's Secretary of State verifying contractor's corporate status and good standing, and in case of out-of-state corporations, evidence of authority to do business in the State of Florida.

Provide hours of operation, years in business, state whether the firm is local, regional or national; provide addresses and phone numbers for headquarters and other relevant offices if applicable. In case of a sole proprietary or partnership, the Social Security numbers for all owners may be requested during the evaluation process. If submitting as a joint venture, submit a copy of joint venture agreement including the financial agreement between the parties and the percentage of participation of the parties, if applicable.

##### **Tab 3:- Personnel**

Provide the names, proposed roles, background and experience, office location and availability of the personnel that would work on this project; specifically identify the primary person(s) who will be responsible for managing the relationship with the City of Belle Isle.

Submit an organizational chart demonstrating the Vendor's management and supervisory staff to be assigned to the project. Provide a resume of key staff personnel to be assigned to this project. For the proposed personnel, provide a list of five (5) clients they have worked with in the last thirty-six (36) months; a brief description of the services provided.

##### **Tab 4: - Technical and Functional Requirements**

Please respond to all technical requirements as detailed in Section 2, Scope of Services, Subsection 6- Technical Requirements of this RFP.

### **Tab 5: Contractor Qualifications and Response Requirements**

Please respond to each item below:

- a. Detail the how the Vendor meets or exceeds the minimum requirements of this RFP (Section 2, subsection 2). Include copies of the FDOT letter for Structural Design Pre-approval for State Roads and a copy of the firm's NLETS Strategic Partner certificate.
- b. Detail the Vendor's experience with Automated Camera Red Light Traffic Enforcement Systems, including installation and maintenance.
- c. Detail the Vendor's ability to provide long term support for the proposed system.
- d. Detail the Vendor's experience with other public or private sector agencies deploying and implementing systems of a similar nature as described in this RFP. Please provide three (3) references as detailed in section 2, subsection 3 of this solicitation.
- e. Detail the Vendor's experience with routine fine collection/processing (online & via US Mail).

### **Tab 6: Subcontractors**

Identify the extent and nature of any anticipated outside support (this includes the local contractor(s) you will have process the installations) if any. List the name(s) of the firms, address, contact information, summary of their experience and nature of work they will be performing under the contract.

### **Tab 7: Financial Information**

Describe the corporate organization. Identify the involvement and legal relationship, as well as, the controlling or directing entity with respect to any parents, subsidiaries, partners, or joint ventures. Provide a general description of the firm's financial condition and identify any conditions (i.e. bankruptcy, planned office closures, impending merger/acquisition) that may impede the Vendor's ability to complete the project.

Describe the circumstances of any canceled or non-renewed contract(s) within the past five years and identify City, county, City, etc., and provide a contact person name, address, phone and fax number in the position of senior level management fully aware of these circumstances.

Provide a list of all pending and resolved claims or lawsuits over \$1,000,000.00 filed against the corporation or its officers or principals, or the municipality in the past five (5) years related to installation of a red light camera system. Provide a synopsis of the circumstances surrounding the claims or lawsuits and the final resolution or status.

### **Tab 8: Cost Proposal**

The price/revenue proposal shall be based on the three options stated in Exhibit B – Cost Proposal Page, for a term of three (3) years with the option to extend the contract for two (2) additional three (3) year terms. For comparative purposes, it shall be based on the Scope of Services indicated. The City is requesting Contractor's submit pricing/revenue on all three options provided in Exhibit B – Cost Proposal Page, which include a Flat Fee Structure, Fee for Actionable Activation – Fixed Fee Structure, and Fee for Actionable Activation - Tiered Structure.

Contractors shall provide pricing/revenue on all three options and the City shall determine which option is in the best interest of the City. Contractors shall provide a clear and concise breakout of anticipated revenues/expenses to be received/charged by/to the City and project costs to include installation, maintenance, training, support as well as the actual hardware. This shall also include a description of how payments will be made to the City.

**Tab 9: Signature Pages/Affidavits**

- Proposal Certification/Signature Page (Exhibit A)
- Cost Proposal Page (Exhibit B)
- City of Belle Isle Drug Free Workplace Certification (Exhibit C)
- Sworn Statement Public Entity Crimes (Exhibit D)
- Standard Addendum to all Contracts, Agreements (Exhibit E)
- Standard Form of Agreement (Exhibit F)

**4.0 EVALUATION PROCESS**

**4.1 Review of Proposals for Responsiveness**

Each proposal will be reviewed to determine if the proposal is responsive to the submission requirements outlined in this Solicitation. A responsive proposal is one which follows the requirements of this Solicitation, includes all documentation, is submitted in the format outlined in this Solicitation, is of timely submission, and has the appropriate signatures as required on each document. Failure to comply with these requirements may result in the proposal being deemed non-responsive.

**4.2 Evaluation Criteria**

Proposals will be evaluated by a Selection Advisory Committee which will evaluate and rank proposals on criteria listed below. The Selection Advisory Committee will be comprised of appropriate City personnel and members of the community, as deemed necessary, with the appropriate experience and/or knowledge. The criteria are itemized with their respective weights for a maximum total of one hundred (100) points per Selection Advisory Committee member.

<u>Technical Criteria</u>	<u>Points</u>
1. Proposer’s relevant experience, qualifications, and past performance	30
2. Relevant experience and qualifications of key personnel, including key personnel of subcontractors, that will be assigned to this project, and experience and qualifications of subcontractors	15
3. Proposer’s approach to providing the services requested in this Solicitation, including the proposed system functionality and overall services offered	30
<u>Price Criteria</u>	<u>Points</u>
4. Proposer’s proposed price (fees)	25

**4.3 Price Evaluation**

The price proposal will be evaluated subjectively in combination with the technical proposal, including an evaluation of how well it matches Proposer’s understanding of the City’s needs described in this Solicitation, the Proposer’s assumptions, and the value of the proposed services. The pricing evaluation is used as part of the evaluation process to determine the highest ranked Proposer. The City reserves the right to negotiate the final terms, conditions and pricing of the contract as may be in the best interest of the City.

**4.4 Oral Presentations**

Upon completion of the criteria evaluation indicated above, the Selection Advisory Committee may choose to conduct an oral presentation with the Proposer(s) which the Selection Advisory Committee deems to warrant further consideration based on, among other considerations, scores in clusters and/or maintaining competition. Upon completion of the oral presentation(s), the Selection Advisory Committee will determine final rankings for Proposers remaining in consideration based upon the written documents combined with the oral presentation.

**4.5 Negotiations**

The City may award a contract on the basis of initial offers received, without discussions. Therefore, each initial offer should contain the Proposer's best terms from a monetary and technical standpoint.

The Selection Advisory Committee will evaluate, score and rank proposals, and submit the results of their evaluation to the City Manager or designee with their recommendation. The City Manager or designee will determine with which Proposer(s) the City shall negotiate, if any. In his sole discretion, the City Manager or designee may direct negotiations with the highest ranked Proposer, negotiations with multiple Proposers, or may request best and final offers.

Notwithstanding the foregoing, if the City and said Proposer(s) cannot reach agreement on a contract, the City reserves the right to terminate negotiations and may, at the City Manager's or designee's discretion, begin negotiations with the next highest ranked Proposer(s). This process may continue until a contract acceptable to the City has been executed or all proposals are rejected. No Proposer shall have any rights against the City arising from such negotiations or termination thereof.

Any Proposer recommended for negotiations may be required to provide to the City:

- a) Its most recent certified business financial statements as of a date not earlier than the end of the Proposer's preceding official tax accounting period, together with a statement in writing, signed by a duly authorized representative, stating that the present financial condition is materially the same as that shown on the balance sheet and income statement submitted, or with an explanation for a material change in the financial condition. A copy of the most recent business income tax return will be accepted if certified financial statements are unavailable.
- b) Information concerning any prior or pending litigation, either civil or criminal, involving a governmental agency or which may affect the performance of the services to be rendered herein, in which the Proposer, any of its employees or subcontractors is or has been involved within the last three years.

**4.6 Contract Award**

Any contract resulting from this Solicitation will be submitted to the City Manager or designee for approval. All Proposers will be notified in writing when the City Manager or designee makes an award recommendation. The Contract award, if any, shall be made to the Proposer whose proposal shall be deemed by the City to be in the best interest of the City.

**5.0 TERMS AND CONDITIONS**

The anticipated form of agreement is attached. The terms and conditions summarized below are of special note and can be found in their entirety in the agreement:

**A. Insurance Requirements**

The Contractor shall furnish to the City, prior to the commencement of any work under any agreement, Certificates of Insurance which indicate insurance coverage has been obtained that meets the following requirements. The coverage is to remain in force at all times during the contract period.

- 1. Worker's Compensation Insurance in compliance with Florida Statute 440.
- 2. Comprehensive General Liability Insurance in an amount equal to or greater than \$1,000,000 per occurrence.

3. Vehicle Public Liability and Property Damage Insurance with minimum limits of \$1,000,000 combined single limit.
4. Additional Insured Endorsement naming The City of Belle Isle as an additional insured on all policies required by these specifications (excluding worker's compensation and employer's liability). Any costs for adding the City as "additional insured" will be at the contractor's expense.
5. Contractor shall include each of its subcontractors as insured under the policies of insurance required herein.
6. All policies should contain cancellation endorsements providing ten (10) days written notice of cancellation, non-renewal and/or reduction in coverage limits prior to the effective date of the change.

**B. Indemnification**

- A. The successful Bidder shall indemnify and hold harmless the City and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorney's fees and costs of defense, which the City or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of relating to or resulting from the performance of the agreement by the successful Bidder or its employees, agents, servants, partners, principals or subcontractors.
- B. The successful Bidder shall pay all claims and losses in connection therewith, and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the City, where applicable including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may be incurred thereon.
- C. The successful Bidder expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the successful Bidder shall in no way limit the responsibility to indemnify, keep and save harmless and defend the City or its officers, employees, agents, and instrumentalities as herein provided.

**6.0 ATTACHMENTS**

- Proposal Certification/Signature Page (Exhibit A)
- Cost Proposal Page (Exhibit B)
- City of Belle Isle Drug Free Workplace Certification (Exhibit C)
- Sworn Statement Public Entity Crimes (Exhibit D)
- Standard Addendum to all Contracts, Agreements (Exhibit E)
- Standard Form of Agreement (Exhibit F)

Exhibit A

PROPOSER'S CERTIFICATION

I have carefully examined this Request for Proposal RFP-2020-02, which includes scope, requirements for submission, general information and the evaluation and award process.

I acknowledge receipt of the following addenda, and the cost, if any, of such revisions has been included in the price of the proposal:

Addendum # Date: Addendum # Date:
Addendum # Date: Addendum # Date:
Addendum # Date: Addendum # Date:

I hereby propose to provide the services requested in this proposal. I agree that the proposal will remain firm for a period of up to one hundred eighty (180) days from the date proposals are submitted in order to allow the City adequate time to evaluate the proposals.

I agree that the City terms and conditions herein shall take precedence over any conflicting terms and conditions submitted with the proposal and agree to abide by all conditions of this proposal.

I certify that all information contained in the proposal is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this proposal on behalf of the company as its agent and that the company is ready, willing and able to perform if awarded a contract.

I further certify, under oath, that this proposal or bid is genuine and not collusive or sham; that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid price of affiant or of any other bidder, or to fix overhead, profit or cost element of said bid price, or of that of any other bidder, or to secure any advantage against the City of Belle Isle of any person interested in the proposed contract, or for an employee of the City of Belle Isle; and that all statements in said proposal or bid are true. The undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

NAME OF BUSINESS

MAILING ADDRESS

AUTHORIZED SIGNATURE

CITY, STATE & ZIP CODE

NAME, TITLE, TYPED

TELEPHONE NUMBER/FAX NUMBER

E-MAIL ADDRESS

State of

County of

This foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_, 2012 by \_\_\_, who is personally known to me or produced \_\_\_ as identification,

Signature of Notary

**EXHIBIT B**

**COST PROPOSAL PAGE**

The City is requesting Vendors submit pricing/revenue on three options as stated below. Vendors should provide pricing on all three options and the City shall determine which option is in the best interest of the City. If you do not provide all three options, you may not be considered for award, if the City chooses the option for which you did not provide pricing.

**OPTION 1 – FLAT FEE STRUCTURE**

The Vendor should propose an all-inclusive flat fee per month for each automated camera red light traffic enforcement system.

Fixed automated camera red light traffic enforcement system

\$ \_\_\_\_\_ each approach per month

**OPTION 2 – FEE FOR ACTIONABLE ACTIVATION – FIXED FEE STRUCTURE**

The Vendor should propose an all-inclusive fixed fee per actionable activation of each automated camera red light traffic enforcement system.

Actionable activation is defined as an activation of the automated camera red light traffic enforcement system that is approved by the City of Belle Isle Police Department for infraction issuance.

\$ \_\_\_\_\_ each actionable activation

**OPTION 3 – FEE FOR ACTIONABLE ACTIVATION – TIERED STRUCTURE**

The Vendor should propose an all-inclusive tiered structure fee per actionable activation of each automated camera red light traffic enforcement system.

Actionable activation is defined as an activation of the automated camera red light traffic enforcement system that is approved by the City of Belle Isle for infraction issuance.

Please provide your best Tiered Structure for actionable activation below:

Infraction 1 - \_\_\_\_\_ @ \$ \_\_\_\_\_ each actionable activation

Infraction \_\_\_\_\_ and above @ \$ \_\_\_\_\_ each actionable activation

Authorized Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Date \_\_\_\_\_

Company Name \_\_\_\_\_

**Exhibit C**

**CITY OF BELLE ISLE**

**DRUG FREE WORKPLACE CERTIFICATION**

In order for the City of Belle Isle to continue as a drug-free workplace, a business shall:

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/proposal, a copy of the statement specified in section (1).
4. In the statement specified in section (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid/proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction, 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.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this policy.

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

\_\_\_\_\_  
**Company Name (please print)**

\_\_\_\_\_  
**Authorized Signature**

\_\_\_\_\_  
**Date**

**Exhibit D**

**SWORN STATEMENT UNDER SECTION 287.133(3)(a)  
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

**This form must be signed and sworn to in the presence of a notary public or other officer authorized to administer oaths.**

1. This sworn statement is submitted to \_\_\_\_\_ (see original proposal docs)  
(Print name of the public entity)

by \_\_\_\_\_  
(Print individual's name and title)

for \_\_\_\_\_  
(Print name of entity submitting sworn statement)

whose business address is \_\_\_\_\_

(If applicable) its Federal Employer Identification Number (**FEIN**) is \_\_\_\_\_

If the entity has no FEIN, include the **Social Security Number** of the individual signing this sworn statement, as required per IRS Form W-9. Social Security Number may be required for one or more of the following purposes: identification and verification; credit worthiness; billing and payment; data collection, reconciliation, tracking, benefits processing and tax reporting. Social Security Numbers are also used as a unique numeric identifier and may be used for such purposes.

2. I understand that a "public entity crime" as **defined** in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, and bid or contract for goods or services to be provided to any public entity or agency or political subdivision or any other state or of the United States, and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "**conviction**" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that "**affiliate**" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

a. A predecessor or successor of a person convicted of a public entity crime, or;

b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those offices, directors, executives, partners, shareholders, employees, members and agents who are active in the management of the affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not fair market value under an arm's length agreement, shall be a facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "**person**" as defined in Paragraph 287.133(1)(c), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of the entity.

**SWORN STATEMENT UNDER SECTION 287.133(3)(a),  
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES (page 2)**

6. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting those sworn statements. *(Please indicate which statement applies.)*

\_\_\_\_\_ Neither the entity submitted this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

\_\_\_\_\_ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, member, or agents who are active in management of the entity, or an affiliate of the entity have been charged with and **convicted** of a public entity crime subsequent to July 1, 1989.

\_\_\_\_\_ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, member, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been subsequent **proceeding** before a Hearing Officer of the State of Florida, Division of Administrative Hearing and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted contractor list. (Attach a copy of the final order)

**I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OR ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

PERSONALLY APPEARED BEFORE ME, the undersigned authority, \_\_\_\_\_,  
(Name of individual signing)  
who, after first being sworn by me, affixed his/her signature in the space provided above on this \_\_\_\_\_ day  
of \_\_\_\_\_, 2016.

\_\_\_\_\_  
(Notary Public)

My Commission Expires: \_\_\_\_\_

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

## EXHIBIT E

### STANDARD ADDENDUM TO ALL CONTRACTS, AGREEMENTS AND TASK ORDERS

Any other provisions of the contract or agreement to which this Standard Addendum is attached to the contrary notwithstanding, the parties specifically agree that the provisions hereinafter set forth will apply exclusively with respect to the matters addressed, whether addressed in said contract or agreement or not, and shall be deemed an integral part of said contract or agreement as if duly set out therein, having a force and effect of equal or superior dignity, as applicable, with the provisions thereof; provided, that if the provisions of the contract or agreement address a particular matter in a manner which results in a lower cost to the City than this Standard Addendum, then such provisions of the contract or agreement shall control and supersede the applicable provisions hereof (as used in this Standard Addendum, the term "vendor" means the vendor or other party in the contract or agreement providing construction, labor, materials, professional services, and/or equipment to the City thereunder; the term "City" means the City of Belle Isle, a Florida municipality, its City Council, or any other name or label set forth in the contract or agreement identifying such entity).

1. Any work or professional services subcontracted for by the Vendor for which the City has agreed to reimburse the Vendor shall not be marked-up, but shall be payable by the City only in the exact amount reasonably incurred by the Vendor. No other such subcontracted services shall be reimbursed.
2. In the event the contract or agreement is for professional services, charged on a time basis, the City shall not be billed or invoiced for time spent traveling to and from the Vendor's offices or other points of dispatch of its subcontractors, employees, officers or agents in connection with the services being rendered.
3. The City shall not be liable to reimburse the Vendor for any courier service, telephone, facsimile or postage charges incurred by the Vendor, except as expressly provided in a separate written agreement between the City and Vendor.
4. The City shall not be liable to reimburse the Vendor for any copying expenses incurred by the Vendor except as expressly provided in a separate written agreement between the City and Vendor.
5. If and only if travel and per diem expenses are addressed in the contract, agreement, or task order in a manner which expressly provides for the City to reimburse the Vendor for the same, then the City shall reimburse the Vendor only for those travel and per diem expenses reasonable incurred and only in accordance with the provisions of Section 112.061, Florida Statutes. In the event the Vendor has need to utilize hotel accommodations or common carrier services, the City shall reimburse the Vendor for his, her or its reasonable expense incurred thereby provided prior approval of the City Manager of the City or his or her designees is obtained.
6. With respect to drawings and/or plans prepared on behalf of the City by the vendor under the contract or agreement, unless specifically provided otherwise therein, complete sets of such drawings and/or plans shall be reproduced by the Vendor without cost to the City for all bidders requesting the same, and five complete sets of such drawings and/or plans shall be reproduced and delivered to the City without cost.
7. With respect to an indemnification by the City provided under the contract or agreement, any such indemnification shall be subject to and within the limits set forth in Section 768.28, Florida Statutes, and shall otherwise be limited as provided by law.
8. In that the City is a governmental agency exempt from sales tax, the City shall pay no such taxes, any other provisions of the contract or agreement to the contrary notwithstanding. The City shall provide proof of its exempt status upon reasonable request.

9. The Vendor acknowledges that in the budget for each fiscal year of the City during which the term of the contract or agreement is in effect a limited amount of funds are appropriated which are available to make payments arising under the contract, agreement, or task order. Any other provisions of the contract or agreement to the contrary notwithstanding, and pursuant to the provisions of Section 129.07, Florida Statutes, the maximum payment that the City is obligated to make under the contract, agreement, or task order from the budget of any fiscal year shall not exceed the appropriation for said fiscal year.

10. The Vendor warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the vendor to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the vendor any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award or making of this agreement.

11. This Standard Addendum shall be attached to every Contract, Agreement or Task Order where the City is a party.

12. Pursuant to Section 2.17 of the Belle Isle City Code, all contracts, agreements, or task orders must be signed by the Mayor (or Vice Mayor during Mayor's absence) and attested to by the City Clerk or Deputy City Clerk, unless said contract, agreement or task order is for an amount less than \$25,000 in a fiscal year, in which case the City Manager may execute said contract, agreement or task order.

For the City

For the Vendor

\_\_\_\_\_  
, Mayor

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title or Position

\_\_\_\_\_  
Date

\_\_\_\_\_  
Telephone Number

Attest: \_\_\_\_\_  
City Clerk



# Red Light Camera Summary Report

*Leaders in Service • Agents of Progress • Champions for Safety*

Fiscal Year 2016–2017

DECEMBER 29, 2017

## Introduction

Section 316.0083(4)(b), Florida Statutes, directs the Department of Highway Safety and Motor Vehicles (department) to provide a summary report on the use and operation of traffic infraction detectors (red light cameras) in Florida. The report “must include a review of information submitted to the department by the counties and municipalities and must describe the enhancement of the traffic safety and enforcement programs.”

Section 316.0083, Florida Statutes, describes the process for violations of traffic infraction detectors. A traffic infraction enforcement officer issues a Notice of Violation (NOV) to the violator within 30 days of the violation. The violator may pay the notice or contest the violation through an appeals process within 60 days. If the violator fails to pay or appeal the notice, a local jurisdiction issues a Uniform Traffic Citation (UTC) to the violator, with a copy to the Clerk of Court for adjudication.

## Part 1

### Survey Methodology

The department created an online survey to gather information and data from counties and municipalities (jurisdictions) responsible for the administration of red light cameras (RLC) during Fiscal Year (FY) 2016-2017. The 29-question survey included topics such as procedures, NOVs and program size, and covered activity that occurred from July 1, 2016, through June 30, 2017. As there is no statewide oversight of red light camera programs, the department relies on monies remitted to the Department of Revenue (DOR) to identify which jurisdictions potentially operated red light cameras during the reporting period. Similar to the previous FY report, jurisdictions were asked to complete a spreadsheet regarding camera and intersection locations and dates of operation. With this self-reported information, the department independently analyzed crash data related to red light camera intersections throughout the state.

Surveys were distributed to all jurisdictions who responded to previous red light camera surveys, and to those who remitted red light camera monies to the DOR during the reporting period. In addition, the Florida Sheriffs Association, the Florida Police Chiefs Association, the Florida League of Cities and the Florida Association of Counties aided in distributing surveys to their members.

Due to the impacts of Hurricane Irma, the department extended the survey from October 1 until October 27, 2017.

### Summary of Survey Responses

In total, 63 jurisdictions remitted monies to the DOR for red light camera penalties during FY 2016-2017 (see supplemental resources section). This report only reflects the jurisdictions that indicated red light cameras were operational during the reporting period (July 1, 2016 – June 30, 2017). A total of 54 jurisdictions are represented in this report including one jurisdiction that submitted a survey indicating that red light cameras were operational during the reporting period but did not remit monies to the DOR (reference Appendix E for a list of the 54 jurisdictions and their responses). Violations are sometimes paid late, which is why some jurisdictions remitted monies after the conclusion of their program, which accounts for the ten jurisdictions not represented.

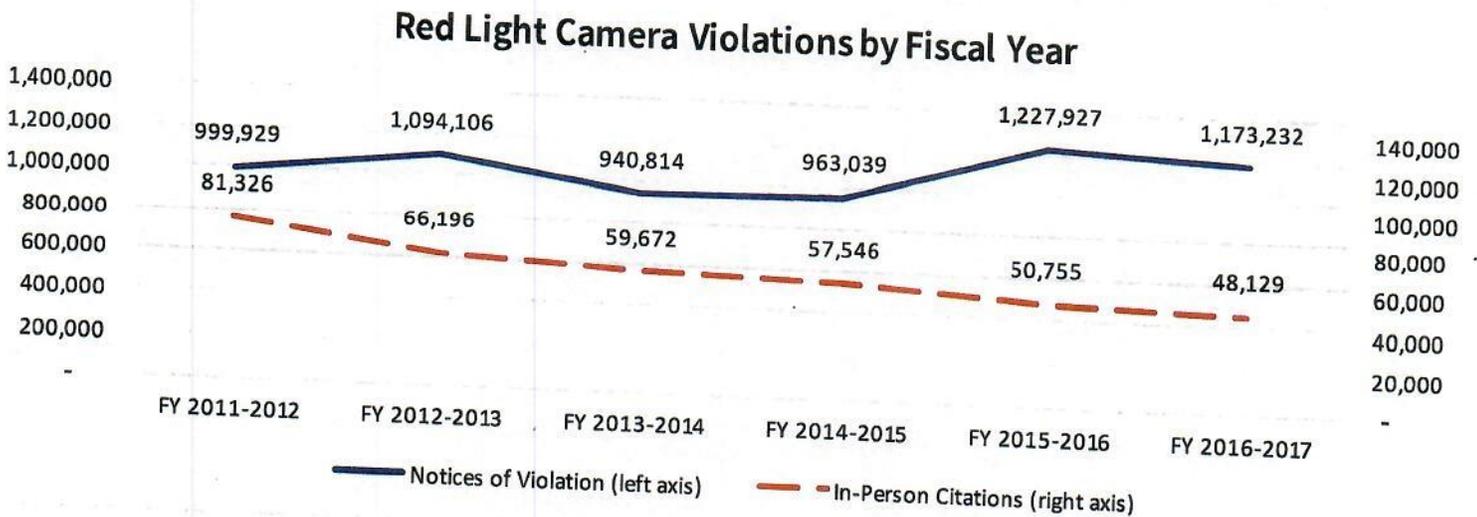
**Cameras and Intersections** (Data as reported by local jurisdictions in RLC survey)

- 680 RLCs active as of July 1, 2016 (796 as of July 1, 2015)
- 638 RLCs active as of June 30, 2017 (688 as of June 30, 2016)
  - Reduction of 42 cameras
  - 33 jurisdictions with no change in number of RLCs
  - 9 jurisdictions with increase in number of RLCs
  - 12 jurisdictions with decrease in number of RLCs
    - Six jurisdictions reduced number of active RLCs to zero during reporting period (July 1, 2016 – June 30, 2017).
- 439 intersections with active red light camera as of July 1, 2016 (478 as of July 1, 2015)
- 412 intersections with active red light camera as of June 30, 2017 (430 as of June 30, 2016)
  - Reduction of 27 intersections
  - 31 jurisdictions with no change in number of intersections with RLCs
  - 10 jurisdictions with increase in number of intersections with RLCs
  - 13 jurisdictions with decrease in number of intersections with RLCs

**Notices of Violation** (Data as reported by local jurisdictions in RLC survey)

- 1,173,232 NOVs issued (Availability of NOV status varied by jurisdiction. Thus, numbers do not add to total.)
  - 704,232 paid
  - 8,462 contested and pending
  - 5,381 contested and dismissed
  - 14,852 contested and upheld
- In FY 2016-2017, 96,011 NOVs were issued to repeat RLC violators (150,659 reported in FY 2015-2016 report)

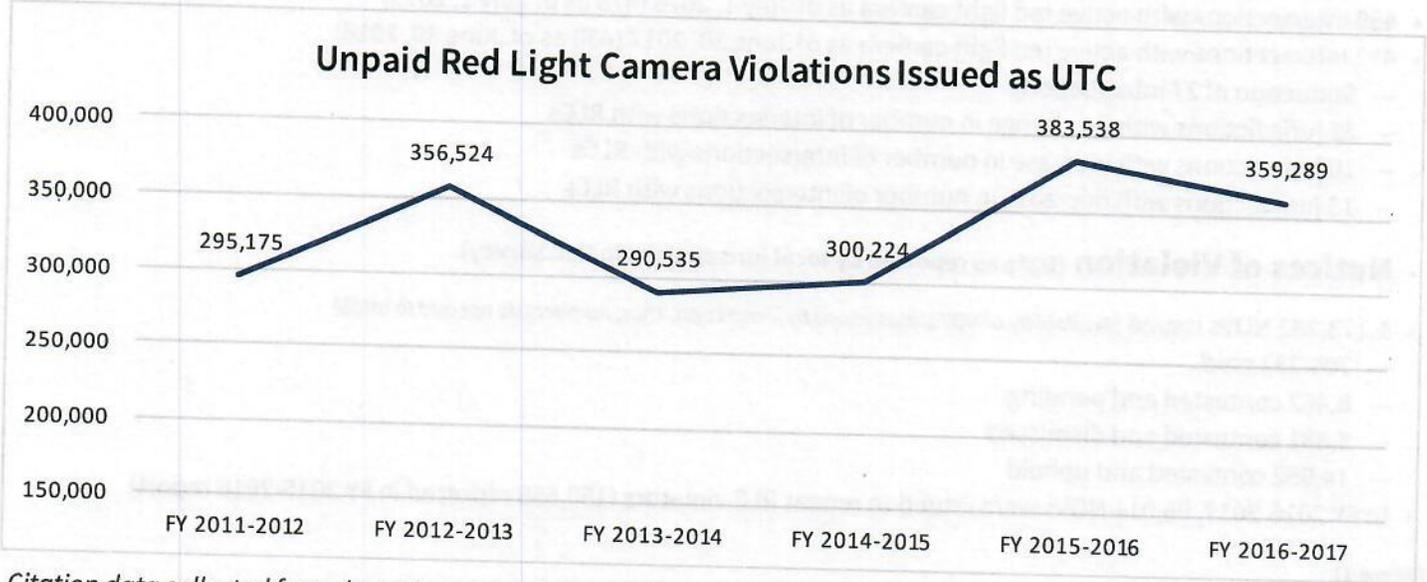
(Figure 1)



NOV data self-reported by jurisdictions. Citation data collected from department database as of November 7, 2017.

Figure 1 shows the number of NOVs issued for red light camera violations over the past six fiscal years (July 1 – June 30). The graph also depicts the number of citations for running a red light issued in-person by law enforcement. The number of NOVs issued for red light camera violations increased to its highest peak during the 2015-2016 fiscal year. The number of in-person citations reached its lowest point during the 2016-2017 fiscal year. Both NOVs and in-person citations fell by five percent during the last fiscal year (2016-2017). As previously stated, the department must rely on self-reported information for the number of NOVs issued each year and more than 400,000 NOVs from FY 2016-2017 have an unknown status. In-person citations issued by law enforcement are submitted by the local jurisdiction through their respective county clerk and those citations are then remitted to the department as required by statute.

(Figure 2)



Citation data collected from department database as of November 7, 2017.

Figure 2 shows the number of unpaid red light camera violations resulting in a UTC. Similar to the number of NOVs issued, the number of UTCs issued fell by more than six percent (6.32%) during FY 2016-2017.

### Personnel

Jurisdictions were requested to identify who reviews the camera images before issuing NOVs, who reviews contested NOVs and who ultimately issues UTCs. Personnel categories included law enforcement officer, non-sworn government employee, non-sworn contractor employee (vendor) and other. Figure 3 reflects responses.

(Figure 3)

Personnel	Review Camera Images	Review Contested Notices of Violation	Issue Uniform Traffic Citations
Law Enforcement Officer	45	42	44
Non-sworn Government Employee	24	17	18
Non-sworn Contractor Employee (vendor)	5	4	0
Other (see Appendix E)	4	12	5

Note: Jurisdictions could select multiple options for each question so numbers do not sum to the total number of respondents. Data as reported by local jurisdictions in RLC survey.

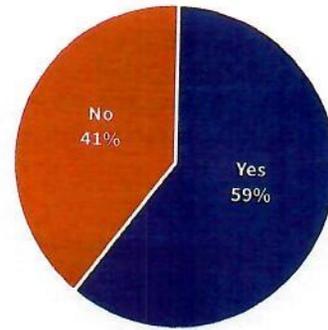
## Right-Hand Turns

Pursuant to section 316.0083, Florida Statutes:

- A NOV and UTC may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible.
- A NOV and UTC may not be issued under this section if the driver of the vehicle came to a complete stop after crossing the stop line and before turning right if permissible at a red light, but failed to stop before crossing over the stop line or other point at which a stop is required.

The terms in this section of statute are left to the interpretation of each respective jurisdiction (see Appendix F for right turn definitions provided to the department). For FY 2016-2017, 59 percent (32 of 54) of the responding jurisdictions issued NOVs for persons making right turns on red signals. Eight jurisdictions indicated that they do not track the number of violations issued for right turns on red.

Issue Violations for Right-Hand Turn



(Figure 4)

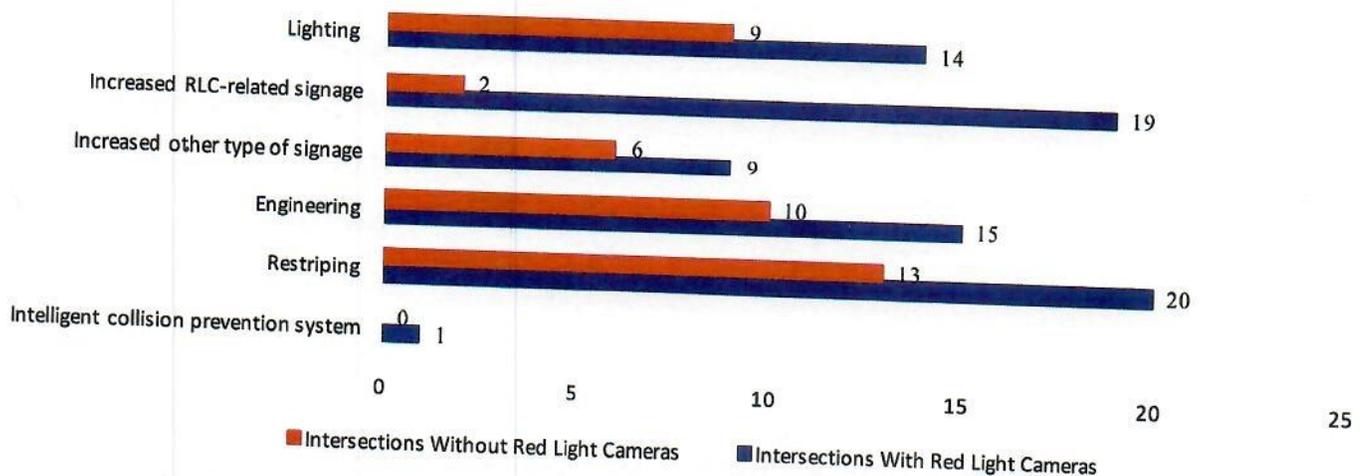
Data as reported by local jurisdictions in RLC survey.

## Alternative Safety Measures

The department also requested what other actions jurisdictions had taken to improve safety measures at intersections during the reporting period. More than half (29 of 54) of the jurisdictions indicated they had implemented at least one action. The results of this question are shown below in Figure 5 (see Appendix E for other responses).

(Figure 5)

Alternative Safety Measures



Data as reported by local jurisdictions in RLC survey.

**Other Survey Results** (Data as reported by local jurisdictions in RLC survey)

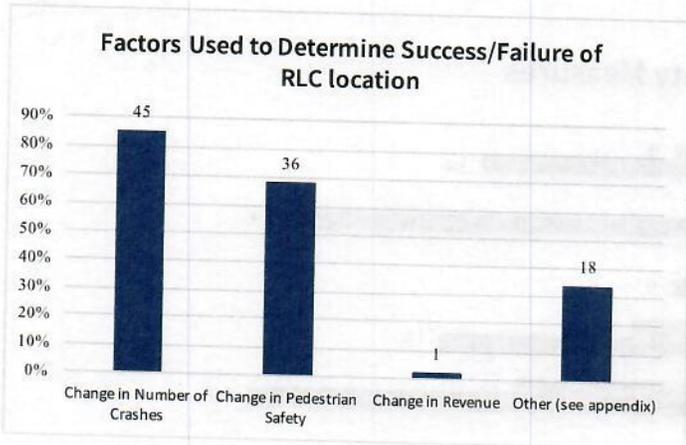
Approximately half of the jurisdictions (28 of 54) reported court cases have impacted their red light camera program. Twelve jurisdictions indicated they have conducted an independent red light camera analysis. Forty five jurisdictions responded they are continuing their program in FY 2017-2018. Forty one jurisdictions responded they report crashes electronically, four report via paper, and nine submit both. Although some jurisdictions have suspended or terminated their programs, no jurisdictions indicated they moved the location of a red light camera during the reporting period.

(Figure 6)

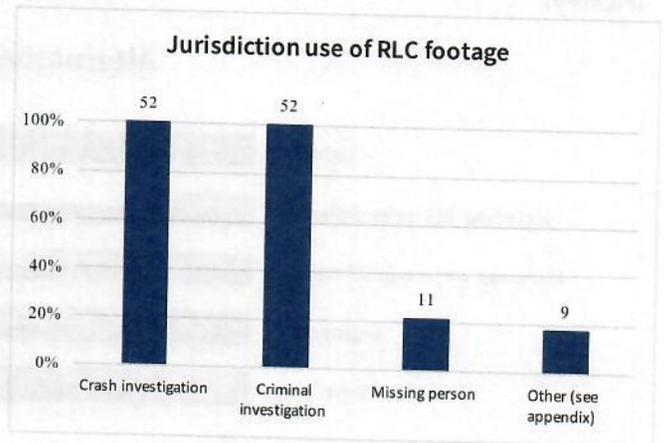
Red Light Camera Vendor	Number of Jurisdictions
American Traffic Solutions (ATS)	41
Redflex	5
Xerox	3
Gatso USA	3
Sensys America	2

Figure 7 shows factors used to determine the success or failure of red light camera locations as reported by jurisdictions. Figure 8 shows other uses of red light camera footage reported by jurisdictions.

(Figure 7)



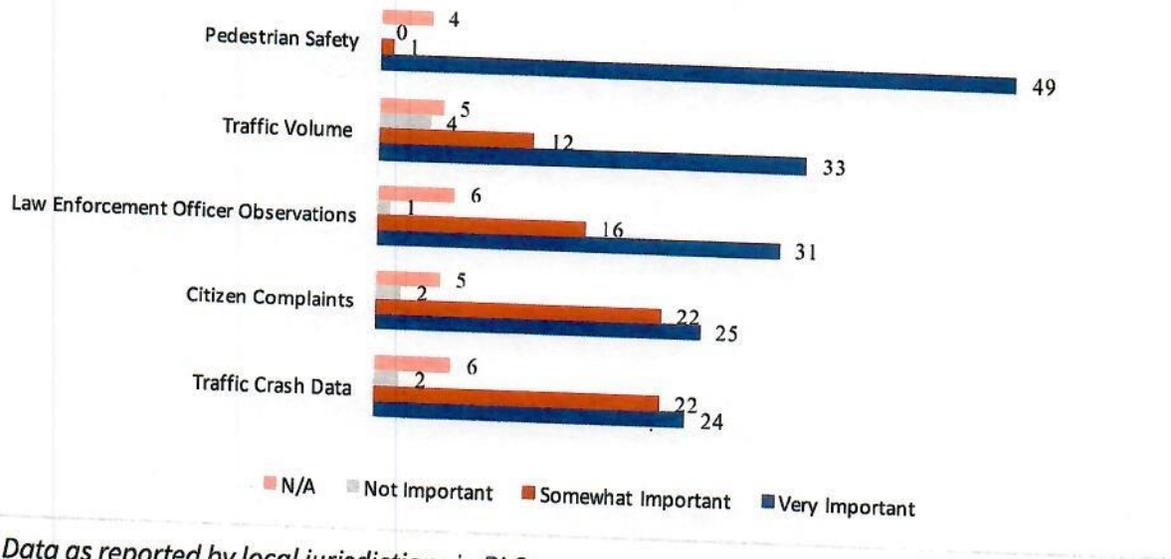
(Figure 8)



Jurisdictions were asked to rank the importance of various factors when selecting intersections to install red light cameras. The results are shown in Figure 9.

(Figure 9)

### Importance of Factors When Selecting Intersections for RLCs



Data as reported by local jurisdictions in RLC survey.

## Part 2 Crash Analysis

Similar to the previous fiscal year report, jurisdictions self-reported the dates of operation and locations of intersections with red light cameras. Intersections were selected to be included in the crash analysis based on their dates of operation, as there have been changes to the reporting of crash data within the last six years. Taking input from jurisdictions who operate red light camera programs, the department refined its methodology to only include crashes that occurred on or after July 1, 2012. Therefore, intersections were only included if the activation date was between January 2013 and April 2017, allowing at least six months before and after the date the camera was activated. Intersections from the City of Miami Springs were not included in the analysis because cameras were turned off and then back on, and the lapsed time was less than six months. Additionally, intersections from the City of Palatka were not included, as the department did not receive location information. In total, 144 intersections were included in the crash analysis from 25 jurisdictions.

Crashes occurring within 250 feet of the center of the intersection were analyzed before and after the installation of camera(s) at each intersection. Figure 10 shows the breakdown of crashes analyzed based on their distance from the center of the intersection.

(Figure 10)

Feet from Intersection	Number of Crashes	Percent of Total	Running Total
0	5,705	48.64%	48.64%
1-50	3,501	29.85%	78.49%
51-100	1,211	10.32%	88.81%
101-150	393	3.35%	92.16%
151-200	638	5.44%	97.60%
201-250	281	2.40%	100.00%
Grand Total	11,729	100.00%	

Measures were taken to exclude crashes that occurred anywhere other than the roadway, such as parking lots. The before and after periods used for analysis were unique to each intersection based on the dates of operation, with an equal number of days within each window. Crashes were broken down by manner of collision (angle or rear-end), injury severity, inclusion of a non-motorist (see Appendix D for definition), and whether the crash report indicated a driver ran a red light.

(Figure 11)

	Before RLC Installed	After RLC Installed	Percent Change
Total Crashes	5,571	6,158	10.54%
Angle Crashes	1,489	1,646	10.54%
Rear-End Crashes	4,082	4,512	10.53%
Crashes Involving Non-Motorists	54	50	-7.41%
Crashes Involving Running a Red Light	213	203	-4.69%
Possible Injury Crashes	1,056	1,144	8.33%
Non-Incapacitating Injury Crashes	438	408	-6.85%
Incapacitating Injury Crashes	153	191	24.68%
Fatal Crashes	6	9	

Data as provided by Signal Four Analytics using intersection location information reported by local jurisdictions.

Figure 11 shows the breakdown of crashes that occurred before and after the activation of red light cameras at intersections included in the analysis. Similar to last year, the department incorporated an algorithm to exclude crashes that occurred outside of the roadway. Reference Appendix A for a more detailed breakdown of crashes by reporting jurisdiction. Appendix B is specific to crashes where the officer indicated a driver ran a red light, and Appendix C is specific to crashes involving non-motorists.

In 2017, the department expanded its partnership with local jurisdictions to improve the completeness and accuracy of crash report data. The crash analysis should be put into context of the overall complexity of the issue at hand, as many factors may contribute to the change in number of crashes outlined in this report.

One such factor is the increase in vehicle miles traveled (VMT). The probability of a crash occurring increases as people drive more, and daily VMT in Florida increased 12.77 percent from calendar years 2012 to 2016 (see supplemental resources). Another factor is the fluctuation in crash reports with accurate location information (latitude and longitude). In order to analyze crashes that occurred at certain intersections, it is necessary to know both the location of the intersection and the location of the crashes. Intersection locations (latitude and longitude) were submitted along with the survey; however, latitude and longitude are not included in every crash report.

## Part 3 Recommendations

The following recommendations would allow for more accurate reporting of information that cannot currently be tracked through existing systems.

1. Require jurisdictions to track camera information including location (GPS coordinates) and dates of operation.
2. Require jurisdictions to provide the name of the red light camera administrator, their email address and telephone number at the end of each state fiscal year.
3. To ensure the ability to reconcile NOVs issued with monies remitted and UTC counts, require jurisdictions that end their red light camera operations to maintain all data regarding the program for a minimum of two years.
4. Require jurisdictions to track the issuance of NOVs, including the status of those violations (paid, contested, issued as UTC).
5. Require jurisdictions to track the issuance of NOVs for right-hand turns.
6. Require jurisdictions to report alternative safety countermeasures taken prior to and after the installation of red light cameras.
7. In accordance with Florida Statutes, the department will continue to review and report on the status and trends of the use and operation of red light cameras. To determine the enhancement of traffic safety, the department recommends a more thorough analysis be conducted by an independent organization using appropriate local and state agency resources.
8. The department will collaborate with local jurisdictions operating red light camera programs to improve the data collection and reporting methodology associated with evaluation of the active programs across the state.
9. Create a standard for administering violations for right-hand turns on red signals. Define "careful and prudent manner" to allow for a uniform procedure statewide.

## Supplemental Resources

- Department of Transportation's [Traffic Infraction Detector Placement and Installation Specifications](#)
- Department of Transportation's [Florida Highway Mileage Reports \(VMT\)](#)

### Appendix A: Crashes Before and After Red Light Camera Implementation by Jurisdiction

Jurisdiction	# Intersections	Before	After	Total % Change	Ran Red Light Before	Ran Red Light After	Ran Red Light % Change	Rear-End Before	Rear-End After	Rear-End % change	Angle Before	Angle After	Angle % change
Aventura	1	20	47	135.00%	2	1	-50.00%	11	28	154.55%	9	19	111.11%
Clermont	4	54	100	85.19%	7	4	-42.86%	39	84	115.38%	15	16	6.67%
Clewiston	2	10	3	-70.00%	1	1	0.00%	8	1	-87.50%	2	2	0.00%
Davie	1	6	3	-50.00%	0	1	---	4	2	-50.00%	2	1	-50.00%
Edgewood	1	8	10	25.00%	1	0	-100.00%	7	9	28.57%	1	1	0.00%
Florida City	1	271	350	29.15%	17	12	-29.41%	165	205	24.24%	106	145	36.79%
Gulf Breeze	1	1	5	400.00%	0	0	---	0	4	---	1	1	0.00%
Jacksonville	27	1,311	1,219	-7.02%	50	40	-20.00%	971	920	-5.25%	340	299	-12.06%
Lakeland	6	87	128	47.13%	6	6	0.00%	62	93	50.00%	25	35	40.00%
Maitland	1	35	39	11.43%	5	1	-80.00%	24	31	29.17%	11	8	-27.27%
Manatee	5	168	132	-21.43%	6	4	-33.33%	120	96	-20.00%	48	36	-25.00%
Medley	2	0	4	---	0	0	---	0	1	---	0	3	---
Miami	6	27	29	7.41%	5	8	60.00%	18	15	-16.67%	9	14	55.56%
North Miami Beach	4	137	221	61.31%	4	1	-75.00%	95	173	82.11%	42	48	14.29%
Orange County	28	1,976	2,117	7.14%	50	67	34.00%	1,455	1,538	5.70%	521	579	11.13%
Orange Park	3	13	4	-69.23%	2	0	-100.00%	9	3	-66.67%	4	1	-75.00%
Orlando	10	335	288	-14.03%	16	9	-43.75%	238	204	-14.29%	97	84	-13.40%
Osceola	9	430	522	21.40%	14	18	28.57%	337	394	16.91%	93	128	37.63%
Palm Coast	4	11	9	-18.18%	0	1	---	11	8	-27.27%	0	1	---
Pinecrest	4	207	190	-8.21%	6	4	-33.33%	175	166	-5.14%	32	24	-25.00%
Sarasota	4	85	62	-27.06%	2	2	0.00%	57	38	-33.33%	28	24	-14.29%
South Miami	3	108	163	50.93%	2	4	100.00%	81	125	54.32%	27	38	40.74%
Sunrise	5	111	201	81.08%	4	5	25.00%	74	140	89.19%	37	61	64.86%
Tamarac	8	181	300	65.75%	8	6	-25.00%	136	234	72.06%	45	66	46.67%
Tampa	4	82	116	41.46%	5	8	60.00%	65	78	20.00%	17	38	123.53%
<b>Grand Total</b>	<b>144</b>	<b>5,674</b>	<b>6,262</b>	<b>10.36%</b>	<b>213</b>	<b>203</b>	<b>-4.69%</b>	<b>4,162</b>	<b>4,590</b>	<b>10.28%</b>	<b>1,512</b>	<b>1,672</b>	<b>10.58%</b>

### Appendix A: Crashes Before and After Red Light Camera Implementation by Jurisdiction

Jurisdiction	# Intersections	Possible Injury Before	Possible Injury After	Non-Incapacitating Injury Before	Non-Incapacitating Injury After	Incapacitating Injury Before	Incapacitating Injury After	Fatal Before	Fatal After
Aventura	1	0	5	4	6	3	0	0	0
Clermont	4	12	23	8	7	2	2	0	0
Clewiston	2	2	1	0	0	0	0	0	0
Davie	1	1	0	0	0	0	0	0	0
Edgewood	1	3	2	1	2	0	0	0	0
Florida City	1	44	65	13	6	2	4	0	0
Gulf Breeze	1	0	1	0	0	0	0	0	0
Jacksonville	27	251	297	101	86	21	25	1	1
Lakeland	6	18	30	14	13	2	4	0	0
Maitland	1	10	11	3	3	2	0	0	0
Manatee	5	31	21	9	7	17	12	1	0
Medley	2	0	0	0	1	0	0	0	1
Miami	6	5	3	0	2	2	1	0	0
North Miami Beach	4	22	34	18	10	2	2	1	0
Orange County	28	309	307	124	116	64	107	2	2
Orange Park	3	3	3	3	0	0	0	0	0
Orlando	10	59	68	32	24	2	2	1	1
Osceola	9	95	95	32	53	21	23	0	0
Palm Coast	4	6	4	2	2	1	0	0	1
Pinecrest	4	31	21	12	12	2	0	0	0
Sarasota	4	24	13	13	9	2	2	0	0
South Miami	3	19	13	7	11	1	1	0	0
Sunrise	5	39	38	13	14	1	3	0	0
Tamarac	8	58	71	15	16	5	2	0	0
Tampa	4	30	35	19	21	2	2	0	1
<b>Grand Total</b>	<b>144</b>	<b>1,072</b>	<b>1,161</b>	<b>443</b>	<b>421</b>	<b>154</b>	<b>192</b>	<b>6</b>	<b>9</b>

### Appendix B: Crashes Involving Running Red Light

Jurisdiction	# Intersections	Before	After	Non-Motorist Before	Non-Motorist After	Front to Rear Before	Front to Rear After	Angle Before	Angle After
Aventura	1	2	1	0	0	0	0	2	1
Clermont	4	7	4	0	0	0	0	7	4
Clewiston	2	1	1	0	0	0	0	1	1
Davie	1	0	1	0	0	0	0	0	0
Edgewood	1	1	0	0	0	1	0	0	0
Florida City	1	17	12	0	0	4	1	13	11
Gulf Breeze	1	0	0	0	0	0	0	0	0
Jacksonville	27	50	40	0	0	2	1	48	39
Lakeland	6	6	6	0	0	0	0	6	6
Maitland	1	5	1	0	0	0	0	5	1
Manatee	5	6	4	0	0	0	0	6	4
Medley	2	0	0	0	0	0	0	0	0
Miami	6	5	8	0	0	0	0	5	8
North Miami Beach	4	4	1	0	0	0	0	4	1
Orange County	28	50	67	0	0	1	4	49	63
Orange Park	3	2	0	0	0	0	0	2	0
Orlando	10	16	9	0	0	0	0	16	9
Osceola	9	14	18	0	0	0	0	14	18
Palm Coast	4	0	1	0	0	0	0	0	1
Pinecrest	4	6	4	0	0	0	0	6	4
Sarasota	4	2	2	0	0	0	0	2	2
South Miami	3	2	4	0	0	0	0	2	3
Sunrise	5	4	5	0	0	0	0	4	5
Tamarac	8	8	6	0	0	0	0	8	6
Tampa	4	5	8	0	0	0	0	5	7
<b>Grand Total</b>	<b>144</b>	<b>213</b>	<b>203</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>9</b>	<b>205</b>	<b>194</b>

Appendix B: Crashes Involving Running Red Light

Jurisdiction	# Intersections	Possible Injury Before	Possible Injury After	Non-Incapacitating Injury Before	Non-Incapacitating Injury After	Incapacitating Injury Before	Incapacitating Injury After	Fatal Before	Fatal After
Aventura	1	0	0	0	0	1	0	0	0
Clermont	4	2	0	2	0	0	1	0	0
Clewiston	2	1	0	0	0	0	0	0	0
Davie	1	0	0	0	0	0	0	0	0
Edgewood	1	1	0	0	0	0	0	0	0
Florida City	1	3	2	1	1	1	1	0	0
Gulf Breeze	1	0	0	0	0	0	0	0	0
Jacksonville	27	10	12	7	3	7	3	1	0
Lakeland	6	1	1	2	2	0	1	0	0
Maitland	1	1	0	0	1	1	0	0	0
Manatee	5	0	0	1	0	2	4	0	0
Medley	2	0	0	0	0	0	0	0	0
Miami	6	0	2	0	2	1	1	0	0
North Miami Beach	4	1	0	1	0	0	0	0	0
Orange County	28	12	18	10	9	2	12	0	0
Orange Park	3	1	0	1	0	0	0	0	0
Orlando	10	4	1	3	5	1	0	0	0
Osceola	9	2	4	2	7	3	1	0	0
Palm Coast	4	0	0	0	0	0	0	0	1
Pinecrest	4	1	0	2	2	0	0	0	0
Sarasota	4	1	0	1	1	0	0	0	0
South Miami	3	0	0	2	1	0	0	0	0
Sunrise	5	2	1	0	1	0	0	0	0
Tamarac	8	1	5	2	0	1	0	0	0
Tampa	4	2	2	1	3	1	1	0	1
<b>Grand Total</b>	<b>144</b>	<b>46</b>	<b>48</b>	<b>38</b>	<b>39</b>	<b>21</b>	<b>25</b>	<b>1</b>	<b>2</b>

### Appendix C: Crashes Involving Non-Motorists Before and After Red Light Camera Implementation

Jurisdiction	# Intersections	Non-Motorist Before	Non-Motorist After	Non-Motorist % Change
Aventura	1	3	1	-66.67%
Clermont	4			----
Clewiston	2			----
Davie	1			----
Edgewood	1			----
Florida City	1	3	7	133.33%
Gulf Breeze	1			----
Jacksonville	27	9	9	0.00%
Lakeland	6	4	3	-25.00%
Maitland	1		2	----
Manatee	5	5	1	-80.00%
Medley	2			----
Miami	6	1		-100.00%
North Miami Beach	4	1	2	100.00%
Orange County	28	11	13	18.18%
Orange Park	3	1		-100.00%
Orlando	10	2	1	-50.00%
Osceola	9	1	2	100.00%
Palm Coast	4			----
Pinecrest	4		2	----
Sarasota	4	4	2	-50.00%
South Miami	3	4		-100.00%
Sunrise	5	2		-100.00%
Tamarac	8	3	3	0.00%
Tampa	4	2	2	0.00%
<b>Grand Total</b>	<b>144</b>	<b>56</b>	<b>50</b>	<b>-10.71%</b>

**Appendix D: Glossary of Terms**

<b>Angle Crash</b>	A crash where two vehicles impact at an angle. For example, the left front of one vehicle impacts the side of another vehicle.
<b>Rear-End Crash</b>	A crash where the front of one vehicle impacts the back of another vehicle.
<b>Non-incapacitating Injury</b>	Any visible injuries such as bruises, abrasions, limping, etc.
<b>Incapacitating Injury</b>	Any visible signs of injury from a crash or person(s) who had to be carried from the scene.
<b>Fatal Injury</b>	Any injury that results in death within a 30 day period after the crash occurred.
<b>Non-Motorist</b>	Any person other than an occupant of a motor vehicle in transport. This includes pedestrians, occupants of other motor vehicles not in transport and occupants of transport vehicles other than motor vehicles.

# Florida Department of Highway Safety and Motor Vehicles

## Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	What Department oversees the red light camera program in your jurisdiction?	Provide the contact information of the person completing the survey				Has your jurisdiction operated red light cameras within the reporting period (July 1, 2016 - June 30, 2017)?
		Name	Agency	Email Address	Phone Number	
Apopka	Police Department	Lieutenant Stephan Brick	Apopka Police Department	swbrick@apopka.net	407-703-1661	Yes
Bal Harbour Village	Police Department	Pamela Flinders-Avun	Bal Harbour Police Department	pflanders@baharbourfl.gov	305-866-5000	Yes
City	Traffic Enforcement Unit	Omar Berrio	Kissimmee Police Department	oberrio@kissimmee.org	407-817-0176 x3128	Yes
City of Aventura	Community Development Department	Joanne Carr	City of Aventura	carri@cityofaventura.com	305-466-8940	Yes
City of Boynton Beach	Traffic Unit	CSO A. Petriello #072	Boynton Beach Police Dept.	petriello@bbfl.us	561-742-6119	Yes
City of Bradenton	Police Department- Traffic Unit	Sgt. Phillip E. Waller	Bradenton Police Department	phl.waller@cityofbradenton.com	941-932-9300	Yes
City of Brooksville	Brooksville Police Department	Richard Hanks	Brooksville Police Department	rhanks@cityofbrooksville.us	352-540-8000	Yes
City of Clearwater	Patrol/Special Operations/Traffic	Lt. Michael Walek	Clearwater Police Department	michael.walek@myclearwater.com	727-562-4119	Yes
City of Clewiston	Police Department	Jennifer Sandrell	Clewiston Police Department	jennifer.sandrell@clewiston-fl.gov	863-983-1474 ext. 211	Yes
CITY OF CORAL GABLES	POLICE DEPARTMENT, SED DIV	ALEK CASTELLO	CITY OF CORAL GABLES	ACASTELLO@CORALGABLES.COM	305-722-8669	Yes
City of Edgewood	Police Dept. - TIEO	Stacey Salemi	Edgewood Police Dept	salemi@edgewood-fl.gov	407-851-2820	Yes
City of Florida City	Florida City Police Department	Corporal Armenteros	Florida City Police	karmenteros@floridacityfl.gov	305-247-8273	Yes
City of Gulf Breeze	Police Department	Richard Hawthorne	Gulf Breeze Police Department	rhawthorne@gulfbreezefl.gov	850-934-5121	Yes
City of Homestead	Police Department	Lt. Thomas Surman	Homestead Police Department	tsurman@homesteadpolice.com	305-224-5411	Yes
City of Maitland	Police Department	Dawn D'Ambrosio	Maitland Police Department	ddaambrosio@maitlandpd.org	407-875-2810	Yes
City of Miami Gardens	Traffic Unit	Officer Brian O'Walley	Miami Gardens Police Department	brian.omalley@mgpdfl.org	305-474-1617	Yes
City of Miami, Florida	Red Light Camera Enforcement Unit/Administration Div.	Sgt. Kimberly A. Rodriguez #5942	City of Miami Police Dept.	5942@miami-police.org	305-603-6710	Yes
CITY OF NORTH MIAMI BEACH	POLICE DEPARTMENT	OFFICER CARLOS PARETS	NORTH MIAMI BEACH POLICE DEPARTMENT	CARLOS.PARETS@NMBPD.ORG	[305] 949-5500 EXT. 2844	Yes
City of Ocoee	Police Department	Scott Nylander	City of Ocoee Police Department	snylander@ocoee.org	407-905-3160 ext. 3315	Yes
City of Opa-locka	Police Department / Traffic Unit	Ofc. Colin Josephs	City of Opa-locka Police Department	rfc@opalockkapd.com	305-953-2877	Yes
City of Orlando	Transportation Department	Raymond Rodriguez	Transportation Department	raymond.rodriguez@cityoforlando.net	407-246-2487	Yes
City of Palm Coast	Code Enforcement Division	Barbara Grossman	City of Palm Coast	bgrossman@palmcoastgov.com	386-986-4739	Yes
City of Port Richey	Police Department	Ryan Runge	Port Richey Police Department	r.runge@cityofportrichy.com	772-809-5507	Yes
City of Sunrise	Traffic	Sgt. Stephen Allen	Sunrise Police Dept.	sallen@sunrisefl.gov	954-746-3387	Yes
City of Sweetwater	Support Services	Steven Lopez	Sweetwater PD	slopez@cityofsweetwater-fl.gov	305-552-9900	Yes
City of Tamarac	Broward Sheriff's Office - Traffic Unit	Barry A Berhow	Broward Sheriff's Office	Barry_Berhow@sheriff.org	954-247-6002	Yes
City of Tampa	Tampa Police Department	Corporal Paul Smalley	Tampa Police Department	paul.smalley@tampagov.net	813-348-2035	Yes

Florida Department of Highway Safety and Motor Vehicles  
**Appendix E: Jurisdiction Responses to Survey**

Name of Jurisdiction (City or County)	What red light camera vendor(s) does your jurisdiction use?				As of July 1, 2016, how many RLCs were operational?	As of June 30, 2017, how many RLCs were operational?	Difference # RLCs	As of July 1, 2016, at how many intersections were RLCs operational?	As of June 30, 2017, at how many intersections were RLCs operational?	Difference # Intersections	Please provide the following information regarding NOVs issued for RLC violations in your jurisdiction between July 1, 2016 and June 30, 2017						
	American Traffic Solutions (ATS)	Redflex	Xerox	Other (please specify)							Total #	# Paid	# Contested & pending	# Contested & dismissed	# Contested & upheld	# Issued as LTC	# Pending issuance as LTC
Apopka	X				21	21	0	10	10	0	26021	16363	61	68	808	8391	0
Bar Harbour Village City	X				5	2	-3	5	2	-3	4419	2708	14	5	28	1411	1990
City of Aventura	X	X			16	17	1	9	9	0	24647	9543	Unknown	0	6	4046	Unknown
City of Boynton Beach	X				15	15	0	7	7	0	42403	25291	Unknown	82	533	14462	Unknown
City of Bradenton			X		7	0	-7	6	0	-6	1386	Unknown	Unknown	Unknown	Unknown	0	0
City of Brooksville				SenysAmerica	16	16	0	16	16	0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
City of Clearwater		X			3	3	0	2	2	0	13630	9334	6	1	25	3970	21
City of Clearwater	X				2	0	-2	2	0	-2	2072	3457	Unknown	Unknown	Unknown	Unknown	Unknown
CITY OF CORAL GABLES	X				4	4	0	4	4	0	4718	3075	Unknown	10	44	1465	Unknown
City of Edgewater				GATSO	3	1	-2	2	1	-1	4970	3847	64	7	57	1643	15
City of Florida City	X				7	7	0	7	5	-2	32938	17498	466	355	170	9424	Unknown
City of Gulf Breeze	X			Senys America	6	6	0	3	3	0	7064	5645	0	0	7	1424	Unknown
City of Homestead	X				4	4	0	3	3	0	4704	2465	24	6	106	1828	Unknown
City of Maitland				Gatso	4	5	1	3	4	1	7805	5773	1	7	20	1694	0
City of Miami Gardens	X				28	25	-3	15	14	-1	123255	49843	6	2250	4251	63555	0
City of Miami, Florida	X				125	101	-24	81	63	-18	194076	120984	291	624	2243	59587	3441
CITY OF NORTH MIAMI BEACH	X				4	4	0	4	4	0	20876	10696	0	54	217	5036	0
City of Ocoee	X				5	5	0	4	4	0	9085	5291	184	35	122	3460	305
City of Opa-locka	X				8	8	0	4	4	0	22178	9882	0	88	495	10334	0
City of Orlando	X				21	39	18	16	21	5	47693	33185	29	101	122	11945	Unknown
City of Palm Coast	X				4	4	0	4	0	-4	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
City of Port Richey	X				5	5	0	2	2	0	9326	6450	16	8	92	2198	Unknown
City of Sunrise	X				13	13	0	10	10	0	38796	19478	Unknown	116	331	0	Unknown
City of Sweetwater	X				1	1	0	1	8	7	2056	1225	Unknown	22	26	Unknown	Unknown
City of Tamarac	X				15	15	0	8	8	0	23827	13019	65	13	205	7576	1131
City of Tampa	X				50	50	0	18	21	3	77683	48919	484	134	940	26655	Unknown

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	How many registration holds did your jurisdiction request as a result of RLC Violations during the reporting period (July 1, 2016 - June 30, 2017)?	How does your jurisdiction submit crash data to the Department?	In order to identify the number of repeat offenders, please provide the number of distinct vehicle owners issued Notices of Violation for multiple red-light camera violations.	Have court cases impacted your red light camera program?	
				Response	Details
Apopka	429	All Electronically	1786	Yes	Only to the extent that we've modified our practices to comply with the court cases.
Bal Harbour Village	0	All Electronically	89	Yes	
City	155	All Electronically	1195	No	
City of Aventura	687	All Electronically	4037	Yes	Our RLC program has been upheld by the court.
City of Boynton Beach	308	All Electronically	732	Yes	City of Hollywood vs Arem; City of Aventura vs Jimenez; City of Oldsmar vs Trinh; City of Boynton Beach vs Boss
City of Bradenton	0	All Electronically	Unknown	No	Our camera program was ended by City Council for other reasons that have not been related to pending court cases.
City of Brooksville	Unknown	All Electronically	Unknown	No	
City of Clearwater	159	All Electronically	741	Yes	All initial violations and UTC reviewed by Traffic Infraction Officer (non-sworn government employee)
City of Clearwater	Unknown	Both	57	No	
CITY OF CORAL GABLES	Unknown	All Electronically	60	Yes	DRIVERS ARE MORE CAUTIOUS
City of Edgewood	14	All Electronically	4417	Yes	Each time a new ruling comes out, we make sure that our program follows all rulings and will not be affected.
City of Florida City	0	All Electronically	3064	No	
City of Gulf Breeze	0	All Electronically	148	No	
City of Homestead	0	All Electronically	229	No	
City of Maitland	0	All Electronically	313	Yes	Court decisions affect the policies and procedures of our program.
City of Miami Gardens	3074	All Electronically	Unknown	Yes	We have experienced more hearings due to the inaccurate media reports that the cameras are illegal.
City of Miami, Florida	1341	Both	20760	Yes	Hollywood v. Arem & Aventura c. Jimenez
CITY OF NORTH MIAMI BEACH	0	All Electronically	1018	No	
City of Ocoee	0	All Electronically	610	Yes	Local hearings and county hearings
City of Opa-locka	495	All Electronically	1442	Yes	Changes in law, changing the process. Some tasks are redundant and take more time to complete.
City of Orlando	48	All Electronically	2158	Yes	Fourth District Court of Appeal Hollywood v. Arem at the time was unfavorable. Third District Court of Appeal City of Aventura vs Luis Torres Jimenez in the Second District Court of Appeal Florida v. Trinh was both favorable to the program.
City of Palm Coast	0	All Electronically	Unknown	Yes	Cameras cause drivers to be more responsible.
City of Port Richey	0	Both	Unknown	No	presumably not issuing UTC's
City of Sunrise	0	All Electronically	2694	Yes	reference "safe and prudent" on right turns.
City of Sweetwater	10	All Electronically	44	Yes	City of Hollywood vs Arem case. City of Tamarac still has a case on appeal due to adverse ruling from county court hearing officer. There is one case on appeal by defendant due to local City hearing officer ruling. No adverse rulings from county court judges.
City of Tamarac	87	All Electronically	1068	Yes	
City of Tampa	Unknown	All Electronically	5350	No	

Florida Department of Highway Safety and Motor Vehicles  
 Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	Other than traffic crashes, please rank the following factors on importance when selecting which intersections to install RLCs							Did you relocate any existing red light cameras during the reporting period?	Response	If yes, why?	What factors are used to determine the success/failure of each camera location? (select all that apply)		
	Traffic citation data	Citizen complaints	Law Enforcement Officer observations	Traffic Volume	Pedestrian safety	Other (please specify)	Change in number of crashes				Change in pedestrian safety	Change in revenue	
Apopka	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
Bal Harbour Village City	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Aventura	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important	Very Important		No			X	X	
City of Boynton Beach	Very Important	Somewhat Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Bradenton	Somewhat Important	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important		No			X	X	
City of Brooksville	N/A	N/A	N/A	N/A	N/A	N/A	Traffic crash program was	No					
City of Clearwater	Somewhat Important	Very Important	Very Important	Somewhat Important	Very Important	Very Important		No			X	X	
City of Clearwater	Somewhat Important	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important		No			X	X	
CITY OF CORAL GABLES	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Edgewater	Somewhat Important	Very Important	Somewhat Important	Very Important	Very Important	Very Important		No			X	X	
City of Florida City	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Gulf Breeze	Somewhat Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Homestead	N/A	N/A	N/A	N/A	N/A	N/A		No			X	X	
City of Maitland	Very Important	Somewhat Important	Somewhat Important	Very Important	Very Important	Very Important		No			X	X	
City of Miami Gardens	Somewhat Important	Somewhat Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Miami, Florida	Very Important	Very Important	Somewhat Important	Not Important	Very Important	Very Important		No			X	X	
CITY OF NORTH MIAMI BEACH	Somewhat Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Ocoee	Very Important	Somewhat Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Opa-locka	Somewhat Important	Very Important	Very Important	Somewhat Important	Very Important	Very Important		No			X	X	
City of Orlando	Very Important	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important	Crash Data are the most	No			X		
City of Palm Coast	Somewhat Important	Not Important	Very Important	Not Important	Very Important	Very Important		No			X	X	
City of Port Richey	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Sunrise	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	
City of Sweetwater	N/A	N/A	N/A	Somewhat Important	Very Important	Very Important		No			X	X	
City of Tamarac	Somewhat Important	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important		No			X	X	
City of Tampa	Very Important	Very Important	Very Important	Very Important	Very Important	Very Important		No			X	X	



Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	Who issues Uniform Traffic Citations if Notices of Violation are unpaid? (select all that apply)			Are Notices of Violation (via RLC detection) issued for persons making a right turn on red signal?	# of NOVs issued for right turns on red during the reporting period? (July 1, 2016 - June 30, 2017)	What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?	
	Law Enforcement Officer	Non-sworn government employee	Non-sworn contractor employee (vendor)			Other (please specify)	Intelligent collision prevention system at intersection(s) w/ RLC
Apopka	X	X		Yes	10135		X
Bell Harbour Village	X			Yes	288		X
City	X	X		No			X
City of Aventura	X		RLC Specialists	Yes	26100		X
City of Boynton Beach	X	X		No			X
City of Bradenton	X			Yes	646		X
City of Brooksville	X			Yes	Unknown		X
City of Clearwater	X	X		No			X
City of Clearwater	X			No			X
City of Clearwater	X			Yes	56		X
City of Edgewood	X	X		No			X
City of Florida City	X			Yes	15597		X
City of Gulf Breeze	X			No			X
City of Homestead	X			Yes	3034		X
City of Maitland	X	X		Yes	Unknown		X
City of Miami Gardens	X			Yes	96553		X
City of Miami, Florida	X		Traffic Infraction Enforcement Officers.	No			X
CITY OF NORTH MIAMI BEACH	X	X		No			X
City of Ocoee	X	X		Yes	7474		X
City of Opa-locka	X			Yes	7506		X
City of Orlando		X	State of Florida Certified Traffic Infraction Enforcement Officer with previous Law Enforcement Police Experience.	No			X
City of Palm Coast	X			Yes	Unknown		X
City of Port Richey	X			No			X
City of Sunrise	X		Not issuing at present	Yes	22612		X
City of Sweetwater	X			Yes	889		X
City of Tamarac	X		certified, non-sworn law enforcement traffic infraction enforcement officer	Yes	14994		X
City of Tampa	X			Yes	5351		X



Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?				Has red light camera footage been used to investigate other crimes?
	Increased red light camera-specific signage - N/A	Increased other type of signage at intersection(s) w/ RLC	Increased other type of signage at intersection(s) w/o RLC	Increased other type of signage N/A	
Apopka				X	Yes
Bal Harbour Village		X			Yes
City of Aventura	X			X	Yes
City of Boynton Beach	X			X	Yes
City of Bradenton	X	X			Yes
City of Brooksville	X			X	Yes
City of Clearwater					Yes
City of Clearwater	X			X	Yes
CITY OF CORAL GABLES	X			X	Yes
City of Edgewater	X			X	Yes
City of Florida City				X	Yes
City of Gulf Breeze	X			X	NO
City of Homestead	X			X	Yes
City of Maitland	X			X	Yes
City of Miami Gardens				X	Yes
City of Miami, Florida		X			Yes
CITY OF NORTH MIAMI BEACH	X			X	Yes
City of Ocoee	X			X	Yes
City of Opalocka		X			Yes
City of Orlando		X	X		Yes
City of Palm Coast	X			X	Yes
City of Port Richey	X			X	Yes
City of Sunrise				X	Yes
City of Sweetwater		X			Yes
City of Tamarac	X			X	Yes
City of Tampa	X			X	Yes

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	If yes, please select all that apply (if no, select N/A)				Is your respective jurisdiction continuing the red light camera program in Fiscal Year 2017-2018?	Has your respective jurisdiction conducted an independent red light camera analysis?
	Crash Investigation	Criminal Investigation	Missing person	Other (please specify)		
Apopka	X	X			Yes	Yes
Bell Harbour Village	X	X			Yes	No
City	X	X			Yes	No
City of Aventura	X	X		insurance request	Yes	Yes
City of Boynton Beach	X	X			Yes	No
City of Bradenton	X	X			No	Yes
City of Brooksville	X	X	X		No	Yes
City of Clearwater	X	X			Yes	No
City of Clewiston	X	X			No	No
CITY OF CORAL GABLES	X	X			Yes	No
City of Edgewood	X	X		Traffic stops, citations, traffic arrests, fleeing and eluding cases	Yes	No
City of Florida City	X	X			Yes	No
City of Gulf Breeze	X	X		N/A	Yes	No
City of Homestead	X	X			Yes	No
City of Maitland	X	X	X		Yes	No
City of Miami Gardens	X	X			Yes	Yes
City of Miami, Florida	X	X	X	Homicides, Robberies, Sexual Offenses, Burglaries, Hit and Run crashes, unclassified deaths.	Yes	No
CITY OF NORTH MIAMI BEACH	X	X			Yes	No
City of Ocoee	X	X			Yes	No
City of Opa-locka	X	X			Yes	No
City of Orlando	X	X		A total of 84 request for footage have been request. Insurance 11- Police Investigation 22- Homicide 29- Crash 17 Crash Hit & Run 5	Yes	No
City of Palm Coast	X	X	X		No	Yes
City of Port Richey	X	X			Yes	No
City of Sunrise	X	X			Yes	Yes
City of Sweetwater	X	X	X		Yes	No
City of Tamarac	X	X			Yes	No
City of Tampa	X	X		Total Requests - 80 Crashes - 26 Crash Fatality - 6 Crash Hit and Run - 2 Investigations - 34 Shootings - 1 Insurance requests - 7 Homicide - 2 Client Request - 2	Yes	No

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	Please provide any specifications/clarifications for any of your answers.
Appopla	The number of cameras operational on June 30th could be interpreted two ways. There was FDOT road improvements on US 441 for several months. Several cameras were off line during that time. We did not remove the cameras and are still under contract for the same number of cameras. The dates are listed on spread sheet sent via email.
Bibi Harbour Village City	
City of Aventura	Video used for hit & run, shoplifting, fraud and other PD investigations
City of Boynton Beach	The City of Boynton Beach voted to turned off the Red Light Cameras on 12/31/2016 @ 11:59pm. In August 2017 the city revoked to turn the cameras back on 9/1/2017 through 2021
City of Bradenton	Overall: Our red light program was terminated on 8/17/2016 and all answers are for the time frame of 7/16-8/17/16. ID and 13.) Unable to provide proper answer with search tools provided by Xerox//// 21. and 22.) Right turn on red violations are only issued out for intersections where a sign prohibits the right turn on red. Number provided in 22 is only from that intersection
City of Brooksville	
City of Clearwater	N/A
City of Clearwater	
CITY OF CORAL GABLES	
City of Edgewood	
City of Florida City	
City of Gulf Breeze	
City of Homestead	
City of Maitland	
City of Miami Gardens	
City of Miami, Florida	
CITY OF NORTH MIAMI BEACH	N/A
City of Ozone	N/A
City of Opa-locka	
City of Orlando	Crash Data are very useful tools to support the improvement, implementation, and assessment of Red Light Camera devices which tend to reduce traffic crashes. The collection of traffic crash data aims at gaining a better understanding of traffic operational problems, misconceptions, and locating hazardous road sections, identifying risk factors, developing accurate diagnosis and remedial measures, and evaluating the effectiveness of Red Light Camera safety programs. In order to obtain an accurate informed verdict on the effectiveness of Red Light Cameras, two things must be completed. The first question is: does the crash have anything to do with the red traffic signal. In order to find the answer to this question the officer's crash report narrative must be closely scrutinized. Only after the facts are obtained can we make an accurate determination of the crash type, i.e. rear end collision, right angle, sideswipe, etc. The second note is that we must have an accurate traffic count of the road way, increased ridership equals increased in crashes. The City of Orlando has recently created a Transportation Department where Orlando Stops/Red Light Cameras are now housed. The Transportation Department is working hand in hand with Orlando Stops and Orlando Police in an effort to improve safety throughout the city. Funding received from the Orlando Stops Safety Program will go to Transportation safety projects throughout the city.
City of Palm Coast	
City of Port Richey	
City of Sunrise	
City of Sweetwater	For question 13) Repeat offenders One Notice 8,632 Two Notices 304 Three Notices 28
City of Tamarac	Number 24: No information provided by Broward County Traffic Engineering in regards to improvements
City of Tampa	

# Florida Department of Highway Safety and Motor Vehicles

## Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)		What Department oversees the red light camera program in your jurisdiction?		Provide the contact information of the person completing the survey			Has your jurisdiction operated red light cameras within the reporting period (July 1, 2016 - June 30, 2017)?
Name	Agency	Email Address	Phone Number	Name	Agency	Email Address	Phone Number
City of West Park	Public Works	John Wilson	City of West Park	JWilson@cityofwestpark.org	9549312149		Yes
City of Winter Park	Special Operations	Samuel Bellone / SGT Jeff Herstone	Winter Park Police Department	sbellone@cityofwinterpark.org / herstone@cityofwinterpark.org	4-7-663-1652 / 407-599-3365		Yes
Clermont	Traffic	Diane Carter	Clermont Police Department	dcarter@clermontfl.org	352-536-4438		Yes
Clutter Bay	Community Development	Elna Garcia	Town of Clutter Bay	egarcia@clutterbay-fl.gov	305-234-4262, extension 5538		Yes
Green Cove Springs	Green Cove Springs Police Department	J. J. Faro, Jr.	Green Cove Springs Police Department	JFaro@scsd.com	904-631-9807		Yes
Groveland Police Department	Police	Cheyenne Getford	Groveland Police Department	cheyenne.getford@groveland-fl.gov	352-294-1666		Yes
Haines City Police Department	Police Department	Tim Glover	Haines City Police Department	tglover@hainescitypd.com	888-421-3636 ext 2267		Yes
Hillsborough County Sheriff's Office	Hillsborough County Sheriff's Office	Corporal Chad Cove	Hillsborough County Sheriff's Office	cove@hcsco.tampa.fl.us	813-247-0985		Yes
Jacksonville, FL	Jacksonville Sheriff's Office (JSO)	L. Larry Jones	Jacksonville Sheriff's Office (JSO)	Larry.Jones@jasherriff.org	904-630-7852		Yes
Lakeland	Lakeland Police Department	Chad R. Mumbaer	Lakeland Police Department	chad.mumbaer@lakelandgov.net	863-834-2580		Yes
Manatee County Government	Building and Development Services	Susan Hunt	Manatee County Government	susan.hunt@mymanatee.org	941-748-2071		Yes
Miami Beach	Miami Beach PD Traffic Operations Unit	Sgt. Joaquin Rodriguez	Miami Beach Police Department	joaquinrod@miamicityfl.gov	305-673-7888		Yes
Miami Springs	Police Department	Lieutenant Jimmy Deal	Miami Springs Police Department	jdeal@mspd.us	305-887-1444		Yes
Milton Police, Milton FL	Patrol	Katherine McDaniels	Milton Police	mcDanielsk@fhp.net	850-983-5423		Yes
New Port Richey	Police Department	Kim Bogart	New Port Richey Police Department	kbogart@cityofnewportrichey.org	727-841-4550		Yes
Orange County	Public Works	Alysa Eide	Orange County Traffic Engineering	Alysa.Eide@ocfl.net	407-836-7897		Yes
Osceola County	Transportation & Transit	Joedei Zaballero	Osceola County	joedei.zaballero@osceola.org	407-742-0623		Yes
Palatka	Police Department	Tobey Williams	Palatka Police Department	twilliams@palatka-fl.gov	386-329-0115		Yes
Sarasota	Police	Bryan Graham	Sarasota Police Department	bryan.graham@sarasotafl.gov	941-954-7022		Yes
South Miami	Police Department	John Barzola	South Miami Police Department	jbarzola@southmiamifl.gov	305-663-6313		Yes
Town of Davie	Police	John Wilson	Davie Police Department	john_wilson@davie-fl.gov	954-693-8342		Yes
Town of Medley	Police	John Wilson	Medley Police Department	jwilson@Medleypd.com	954-931-2149		Yes
Town of Orange Park (City)	Orange Park Police Department	Gary Goble	Orange Park Police Department	ggoble@townofop.com	904-278-3006		Yes
Town of Surfside	Surfside Police Department	Lieutenant John Bambis	Surfside Police Department	jbambis@townofsurfsidefl.gov	305-861-4862		Yes
Village of Key Biscayne	Traffic Division	Sergeant Brian Kemmerer	Key Biscayne Police Department	bkemmerer@kbpd.net	305-365-5555		Yes
Village of Pinecrest	Police Department	J. C. Gonzalez, T.I.E.O.	Village of Pinecrest Police Department	jgonzalez@pinecrest-fl.gov	305-234-2100 x 385		Yes
West Miami Police	West Miami Police	Officer Fernandez	West Miami Police	fernandez@westmiamipolice.org	305-266-0530		Yes

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	What red light camera vendor(s) does your jurisdiction use?			As of July 1, 2016, how many RLCs were operational?	As of June 30, 2017, how many RLCs were operational?	Difference # RLCs	As of July 1, 2016, at how many intersections were RLCs operational?	As of June 30, 2017, at how many intersections were RLCs operational?	Difference # Intersections	Please provide the following information regarding NOVIs issued for RLC violations in your jurisdiction between July 1, 2016 and June 30, 2017						
	American Traffic Solutions (ATS)	Redflex	Xerox							Other (please specify)	Total #	# Paid	# Contested & pending	# Contested & dismissed	# Contested & upheld	# Issued as UTC
City of West Park	X				5	0	4	4	0	7097	2949	224	21	190	3853	85
City of Winter Park					8	0	6	6	0	17355	12203	87	87	87	2517	1092
Clermont	X				6	-6	4	4	-4	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Cutler Bay	X				5	-5	2	0	-2	2850	Unknown	129	3	129	1888	Unknown
Green Cove Springs	X				5	0	3	3	0	9867	7106	0	4	85	2297	0
Groveland Police Department	X				2	-2	2	0	-2	1249	1085	0	164	0	624	0
Haines City Police Department	X				13	0	7	7	0	18333	13224	0	43	108	4629	0
Hillsborough County Sheriff's Office	X				10	0	6	6	0	49876	34691	2124	20	285	10615	3763
Jacksonville, FL	X	X			41	-4	27	25	-2	53558	34226	37	0	150	15567	187
Lakeland	X				18	0	11	11	0	25133	15278	0	13	1161	7481	0
Miami-Dade County Government			X		9	1	9	10	1	13789	10520	4	11	59	2624	18
Miami Beach			X		10	0	9	9	0	18233	11283	43	31	73	5406	0
Miami Springs	X				4	1	3	4	1	12247	7499	0	15	123	4293	0
Milton Police, Milton FL	X				1	4	1	5	4	2540	1498	0	1	11	475	0
New Port Richey	X				5	0	4	4	0	13924	9438	Unknown	17	159	3209	Unknown
Orange County	X				50	0	35	35	0	71520	45115	120	24	296	23167	Unknown
Osceola County	X				18	-1	9	9	0	7987	5233	0	22	37	2695	0
Palm Bay	X				6	0	6	6	0	7432	4620	2436	190	30	1073	30
Sarasota	X				23	0	10	10	0	25346	19095	244	11	216	5648	0
South Miami		X			3	1	3	4	1	5121	3440	0	0	36	1409	100
Town of Davie					4	0	3	3	0	4845	2321	23	6	80	2394	113
Town of Midley	X				1	3	1	3	2	1872	1362	28	2	16	386	35
Town of Orange Park (Clay)	X				7	0	3	3	0	10004	7054	0	10	102	Unknown	Unknown
Town of Surfside	X				5	0	5	5	0	12367	7703	44	10	70	3176	1086
Village of Key Biscayne	X				4	0	3	3	0	1260	955	0	4	3	188	0
Village of Precinct		X			4	2	4	6	2	7090	4761	28	5	115	1447	600
West Miami Police	X				6	0	6	6	0	23735	12614	1200	940	104	5933	720

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	How many registration holds did your jurisdiction request as a result of RLC violations during the reporting period (July 1, 2016 - June 30, 2017)?	How does your jurisdiction submit crash data to the Department?	In order to identify the number of repeat offenders, please provide the number of distinct vehicle owners issued Notices of Violation for multiple red-light camera violations.	Have court cases impacted your red light camera program?	
				Response	Details
City of West Park	0	All Electronically	290	Yes	The Aren vs. Hollywood impacted this program. Since that ruling, the court has not been hearing Red Light Camera Cases.
City of Winter Park	0	All Electronically	1138	No	No significant change in violations.
Clermont	0	Both	Unknown	No	
Cutler Bay	Unknown	All Electronically	Unknown	No	
Green Cove Springs	49	All Paper	444	Yes	Yes, City of Hollywood v. Eric Aren has caused a lot of unnecessary redundant and time consuming workload!
Groveland Police Department	Unknown	both	Unknown	Yes	
Haines City Police Department	Unknown	both	894	No	
Hillsborough County Sheriff's Office	234	All Electronically	2579	No	
Jacksonville, FL	0	All Electronically	7551	No	
Lakeland	596	All Electronically	1994	Yes	Our agency reviews and approves violations following the guidelines from the courts.
Manatee County Government	15	Both	5637	No	
Miami Beach	101	All Electronically	10552	No	Court Cases have not impacted our program.
Miami Springs	76	All Electronically	3751	No	
Milton Police, Milton FL	4	All Paper	27	No	
New Port Richey	Unknown	Both	775	No	
Orange County	21	Both	4226	Yes	
Osceola County	0	All Electronically	248	No	
Palm Bay	0	All Electronically	368	No	
Sarasota	153	All Electronically	1291	Yes	Added second review of violation before a UTC is issued.
South Miami	0	All Electronically	296	No	The South Miami Police Department held a special hearing within Miami-Dade County Court. Our traffic program was found within full compliance of the law.
Town of Davie	0	All Electronically	140	Yes	Since the Aren vs. Hollywood ruling by the 4th DCA, courts in Broward County are not hearing red light camera cases pending review by the Florida Supreme Court.
Town of Medley	0	All Paper	70	Yes	The Aren vs. Hollywood ruling resulted in all cases being continued pending a ruling from the Chief County Court Judge. All cases are now proceeding.
Town of Orange Park (Clay)	12	All Paper	438	No	
Town of Surfside	0	All Electronically	544	Yes	In-House Magistrate Red Light Camera (RLC) Notice of Violation (NOV) Hearings were suspended for a period of time pending the outcome of the court case involving the City of Aventura, Florida Appellate Court Decision. The RLC NOV Hearings have resumed.
Village of Key Biscayne	0	All Electronically	42	No	
Village of Pinecrest	26	All Electronically	266	Yes	UTC's were stayed by the Clerk of the court while motions and appeals were heard. On May 5, 2017, Judge Steven Lefman ordered and adjudged that the Clerk shall begin setting for trial all red light camera citations previously, and currently issued by the VOP PD
West Miami Police	0	All Electronically	420	Yes	

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	Other than traffic crashes, please rank the following factors on importance when selecting which intersections to install RLCs										Did you relocate any existing red light cameras during the reporting period?	Response	Did you relocate any existing red light cameras during the reporting period? If yes, why?	What factors are used to determine the success/failure of each camera location? (select all that apply)			
	Traffic citation data	Citizen complaints	Law Enforcement Officer observations	Traffic Volume	Pedestrian safety	Other (please specify)	Change in number of crashes	Change in pedestrian safety	Change in revenue								
City of West Park	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important												
City of Winter Park	Very Important	Somewhat Important	Very Important	Very Important	Very Important												
Clermont	N/A	N/A	N/A	N/A	N/A												
Cotler Bay	N/A	N/A	N/A	N/A	N/A												
Green Cove Springs	Somewhat Important	Very Important	Very Important	Very Important	Very Important												
Groveland Police Department	Somewhat Important	Very Important	Very Important	Very Important	Very Important												
Haines City Police Department	Somewhat Important	Very Important	Very Important	Very Important	Very Important												
Hillsborough County Sheriff's Office	Very Important	Very Important	Very Important	Very Important	Very Important												
Jacksonville, FL	Not Important	Not Important	Not Important	Somewhat Important	Very Important												
Lakeland	Very Important	Somewhat Important	Very Important	Not Important	Very Important												
Manatee County Government	N/A	Very Important	Very Important	N/A	Very Important												
Miami Beach	Very Important	Very Important	Very Important	Very Important	Very Important												
Miami Springs	Very Important	Somewhat Important	Somewhat Important	Not Important	Very Important												
Milton Police, Milton FL	Very Important	Very Important	Very Important	Somewhat Important	Very Important												
New Port Richey	Somewhat Important	Very Important	Very Important	Very Important	Very Important												
Orange County	Somewhat Important	Very Important	N/A	Somewhat Important	Very Important												
Ocoola County	Not Important	Somewhat Important	Very Important	Very Important	Very Important												
Palatka	Very Important	Somewhat Important	Somewhat Important	Very Important	Very Important												
Sarasota	Very Important	Somewhat Important	Somewhat Important	Somewhat Important	Somewhat Important												
South Miami	Somewhat Important	Very Important	Somewhat Important	Very Important	Very Important												
Town of Davie	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important												
Town of Hialeah	Somewhat Important	Somewhat Important	Somewhat Important	Very Important	Very Important												
Town of Orange Park (City)	Somewhat Important	Somewhat Important	Very Important	Very Important	Very Important												
Town of Surfside	Very Important	Somewhat Important	Very Important	Somewhat Important	Very Important												
Village of Key Biscayne	Somewhat Important	Very Important	Very Important	Very Important	Very Important												
Village of Pincrest	Very Important	Very Important	Very Important	Very Important	Very Important												
West Miami Police	Very Important	Very Important	Very Important	Very Important	Very Important												

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	What factors are used to determine the success/failure of each camera location? (select all that apply)		Who reviews the camera images before Notices of Violation are issued?				Who reviews contested Notices of Violation? (select all that apply)			
	Other (please specify)	Law Enforcement Officer	Non-sworn government employee	Non-sworn contractor employee (vendor)	Other (please specify)	Law Enforcement Officer	Non-sworn government employee	Non-sworn contractor employee (vendor)	Other (please specify)	
City of West Park	Change in the number of Notice of Violations issued.		X					X	Attorney, Member of the Florida Bar who serves as the City's Magistrate.	
City of Winter Park	Determined by City Council	X	X			X				
Clermont	N/A - we no longer have the program.	X	X			X				
Cutler Bay		X				X				
Green Cove Springs		X				X				
Groveland Police Department		X				X				
Haines City Police Department	Reduction in citations issued, change in driving behavior	X				X				
Hillsborough County Sheriff's Office		X				X				
Jacksonville, FL		X		X		X				
Lakeland		X				X				
Manatee County Government	The total number of violations issued annually and whether they are increasing or decreasing.	X				X				
Miami Beach	Increase or decrease in the number of violations issued over a specific period of time.	X	X			X				
Miami Springs		X	X			X				
Milton Police, Milton FL		X				X			City of Milton's Hearing Officer	
New Port Richey	Changes in the number of violations	X	X			X				
Orange County		X	X	X		X				
Osceola County		X				X				
Palatka		X				X				
Sarasota		X	X			X				
South Miami		X				X				
Town of Davie	Changes in the number of Notice of Violations issued.		X						Attorney, member of the Florida Bar who sits as the Town's magistrate for municipal hearings.	
Town of Medley	Change in the number of Notice of Violations issued.		X					X	Attorney, member of the Florida Bar who acts as the Town's magistrate.	
Town of Orange Park (Clay)		X				X				
Town of Surfside		X				X				
Village of Key Biscayne		X				X				
Village of Pinecrest	Reduction in total violations issued; hence, creating a sense of driver awareness which in turn relates to safety. Repeat offenders is not necessarily indicative of determining driver awareness since the driver may not be the same (i.e. car)	X				X				
West Miami Police		X				X				

# Florida Department of Highway Safety and Motor Vehicles

## Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	Who Issues Uniform Traffic Citations if Notices of Violation are unpaid? (select all that apply)			Are Notices of Violation (via RLC detection) issued for persons making a right turn on red signal?	# of NOVs issued for right turns on red during the reporting period? (July 1, 2016 - June 30, 2017)	What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?		
	Law Enforcement Officer	Non-sworn government employee	Non-sworn contractor employee (vendor)			Other (please specify)	Intelligent collision prevention system at intersection(s) w/ RLC	Intelligent collision prevention system at intersection(s) w/o RLC
City of West Park		X		No				X
City of Winter Park		X		Yes				X
Clermont		X		Yes				X
Cutler Bay	X			No				X
Green Cove Springs	X			Yes	743			X
Groveland Police Department	X			No				X
Haines City Police Department	X			No				X
Hillsborough County Sheriff's Office	X			Yes	123			X
Jacksonville, FL	X			No			X	X
Lakeland	X			Yes	6303			X
Manatee County Government	X			Yes	Unknown			X
Miami Beach	X			Yes	Unknown			X
Miami Springs	X			Yes	4152			X
Milton Police, Milton FL	X			No				X
Near Port Richey		X		Yes	1369			X
Orange County	X	X		Yes	371			X
Osceola County	X			Yes	21			X
Palatka	X			No				X
Sarasota	X	X		No				X
South Miami	X			No				X
Town of Davie		X		No				X
Town of Medley		X		No				X
Town of Orange Park (Clay)	X			Yes	1203			X
Town of Surfside	X			Yes	51			X
Village of Key Biscayne	X			Yes	Unknown			X
Village of Pincrest	X			No				X
West Miami Police	X			Yes	15200			X

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?					What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?					
	Re-striping - at intersection(s) w/ RLC	Re-striping - at intersection(s) w/o RLC	Re-striping - N/A	Engineering - at intersection(s) w/ RLC	Engineering - at intersection(s) w/o RLC	Engineering N/A	Lighting at intersection(s) w/ RLC	Lighting at intersection(s) w/o RLC	Lighting N/A	Increased red light camera-specific signage at intersection(s) w/ RLC	Increased red light camera-specific signage at intersection(s) w/o RLC
City of West Park	X			X						X	
City of Winter Park	X										
Clermont			X			X		X			
Cutler Bay			X			X		X			
Green Cove Springs			X			X		X			
Groveland Police Department			X			X		X		X	
Haines City Police Department			X			X		X			
Hillborough County Sheriff's Office			X			X		X			
Jacksonville, FL	X					X		X		X	
Lakeland			X			X		X			
Manatee County Government	X			X				X		X	
Miami Beach	X			X							
Miami Springs	X			X				X		X	
Milton Police, Milton FL			X					X			
New Port Richey			X					X			
Orange County	X			X				X		X	
Osceola County			X					X			
Palatka			X					X			
Sarasota			X					X			
South Miami			X					X		X	
Town of Davie			X					X			
Town of Medley	X			X				X		X	
Town of Orange Park (Clay)			X					X			
Town of Surfside			X					X		X	
Village of Key Biscayne	X			X				X			
Village of Pinecrest			X					X			
West Miami Police			X					X		X	

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?					Has red light camera footage been used to investigate other crimes?
	Increased red light camera-specific signage - N/A	Increased other type of signage at intersection(s) w/ RLC	Increased other type of signage at intersection(s) w/o RLC	Increased other type of signage N/A	Other	
City of West Park				X		Yes
City of Winter Park	X			X		Yes
Clermont	X			X		Yes
Culter Bay	X			X		Yes
Green Cove Springs	X			X		Yes
Growland Police Department				X		Yes
Haines City Police Department	X			X		Yes
Hillsborough County Sheriff's Office	X			X		Yes
Jacksonville, FL				X		Yes
Labeland	X			X		Yes
Manatee County Government				X	Social Media and Public Information	Yes
Miami Beach				X		Yes
Miami Springs	X	X		X		Yes
Milton Police, Milton FL	X			X		Yes
New Port Richey	X			X		Yes
Orange County		X		X		Yes
Osceola County	X			X		Yes
Palatka	X			X		Yes
Sarasota	X			X		Yes
South Miami				X	All red light cameras are located on FDOT roads. The CSM does not maintain roadway.	Yes
Town of Dawie	X			X		Yes
Town of Midley				X	NW 74th Street is currently in the process of being re-engineered and re-constructed.	Yes
Town of Orange Park (City)	X			X		Yes
Town of Surfside		X		X		Yes
Village of Key Biscayne	X			X		Yes
Village of Pinecrest	X			X	The Village of Pinecrest Police Department will address any re-stripping issues in the future with Miami-Dade County Public Works Department and/or FDOT. In addition, constant maintenance of red light signage approaches i.e. branch trimmings. Monthly yellow light sequence timing checks to comply with FDOT mandates.	Yes
West Miami Police	X			X		Yes

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	If yes, please select all that apply (if no, select N/A)			Is your respective jurisdiction continuing the red light camera program in Fiscal Year 2017-2018?	Has your respective jurisdiction conducted an independent red light camera analysis?
	Crash Investigation	Criminal Investigation	Missing person		
			N/A		
			Other (please specify)		
City of West Park	X	X		Yes	No
City of Winter Park	X	X		Yes	No
Clermont	X	X		No	Yes
Cotler Bay	X	X		No	No
Green Cove Springs	X	X	Accidents - 5 Robbery - 7 Criminal Investigations - 11 Hit and Run Accidents. 2 Total for all 25	Yes	Yes
Groveland Police Department	X	X		No	No
Haines City Police Department	X	X		Yes	No
Hillsborough County Sheriff's Office	X	X	Camera footage was requested 43 times.	Yes	No
Jacksonville, FL	X	X		Yes	Yes
Lakeland	X	X		Yes	Yes
Manatee County Government	X	X	Red light camera video has been used for traffic crashes involving injuries and homicides for time line and suspect identification.	Yes	No
Miami Beach	X	X		Yes	No
Miami Springs	X	X	Internal investigation	Yes	No
Milton Police, Milton FL	X	X		Yes	No
New Port Richey	X	X		Yes	No
Orange County	X	X		Yes	No
Osceola County	X	X		Yes	No
Palatka	X	X		No	No
Sarasota	X	X		Yes	No
South Miami	X	X		Yes	No
Town of Davie	X	X		Yes	No
Town of Medley	X	X		Yes	No
Town of Orange Park (Clay)	X	X		Yes	No
Town of Surfside	X	X		No	No
Village of Key Biscayne	X	X		Yes	No
Village of Pinecrest	X	X		Yes	No
West Miami Police	X	X		Yes	No

Appendix E: Jurisdiction Responses to Survey

Name of Jurisdiction (City or County)	Please provide any specifications/clarifications for any of your answers.
City of West Park	
City of Winter Park	
Clermont	
Cutter Bay	
Green Cove Springs	Question # 444 387 with two and 57 with 3 or more
Groveland Police Department	
Haines City Police Department	
Hillsborough County Sheriff's Office	
Jacksonville, FL	#27 The program will discontinue on 1/1/18
Lakeeland	None
Manatee County Government	n/a
Miami Beach	
Miami Springs	
Milton Police, Milton FL	na
New Port Richey	
Orange County	
Osceola County	Question 25 and 26: County will be conducting an evaluation of the program to determine if the program should continue.
Palatka	
Sarasota	
South Miami	No further specifications or clarifications
Town of Davie	
Town of Medley	N/A
Town of Orange Park (Clay)	
Town of Surfside	27. The Town Commission voted to end the RLC Program effective 10-01-2017.
Village of Key Biscayne	
Village of Pinecrest	
West Miami Police	

Appendix F: Right Turn Definitions

Name of Jurisdiction (City or County)	Section 316.0083(1)(a), Florida Statutes, provides that: "A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible." Please provide the definition used by your respective jurisdiction when determining if a violation should be issued. (no character limit on this answer)
Apopka	Having regard for angle, width, grade, curves, corners, vehicles, pedestrians and all other attendant circumstances, including but not limited to speed and visual obstructions, so as not to endanger the life, limb, or property of any person. Note: Damage or injury does not have to occur in order for an event to be considered NOT careful and prudent.
Bai Harbour Village	Did the vehicle slow down and did the vehicle/driver yield to pedestrians?
City of Aventura	vehicle stops before, at or after the stop bar before turning right on a red signal
City of Bradenton	Careful and prudent manner would be coming to a complete stop, ensuring that the driver of the vehicle had enough time to look at oncoming traffic to determine if it was clear to proceed
City of Brooksville	Traffic crash program was voted out by majority of Brooksville City Council.
CITY OF CORAL GABLES	VEHICLE SPEED, TRAFFIC, MANNER OF RIGHT TURN AND PEDESTRIANS
City of Florida City	A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible.
City of Homestead	Reviewing Police Officer makes determination, officers are instructed to only issue notices of violation if had they been present at the
City of Maitland	A motorist can make a turn in a "careful and prudent manner" after coming to a complete stop pursuant to the directives of Florida State Statute 316.075. However, our officers use their discretion when reviewing the violations and do not issue violations to anyone going under 16mph during a right hand turn unless aggravating circumstances exist.
City of Miami Gardens	For purposes of administering this section, the department, a county, or a municipality may authorize a traffic infraction enforcement officer under s. 316.640 to issue a traffic citation for a violation of s. 316.074(1) or s. 316.075(1)(c)1. A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible. A notice of violation and a traffic citation may not be issued under this section if the driver of the vehicle came to a complete stop after crossing the stop line and before turning right if permissible at a red light, but failed to stop before crossing over the stop line or other point at which a stop is required.
City of Ocoee	Same as all Florida State Statute Language
City of Opa-locka	Traffic Volume, Pedestrians, Speed
City of Palm Coast	Maximum safe speeds per FDOT green book
City of Sunrise	A right turn on red conducted at a speed greater than 15 MPH or failed to yield right of way to pedestrian or vehicle
City of Sweetwater	"A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible."
City of Tamarac	Careful and prudent manner does not apply. Right turns on red are only enforced at the location which is posted "No Turn on Red"
City of Tampa	Turn is made at reasonable speed and does not interfere with other vehicle or pedestrian traffic
City of Winter Park	You can make a right hand turn in a "careful and prudent manner" after coming to a complete stop pursuant to the directives of Florida Statute.
Clermont	careful and prudent right hand turn
Green Cove Springs	If there is no apparent effort to slow down or stop and the speed exceeds a minimum of 15 mph
Hillsborough County Sheriff's Office	The HCSO maintains a 15 mph threshold for right on red violations and only has two intersections with right turn enforcement.
Lakeland	Violation based on speed, weather, road conditions, and pedestrian traffic
Manatee County Government	The camera footage is viewed by a sworn law enforcement officer employed by the Manatee County Sheriff's Office. If the deputy reviewing the footage feels they would ticket the violation if they were in person at the light then they make the determination to ticket the violation from the camera.
Miami Beach	Careful and Prudent means the driver is aware of his environment and is driving in a responsible manner, i.e. speed, pedestrians, the right of way of approaching vehicles, etc.
Miami Springs	The vehicle should be traveling LESS than 15 mph. Drivers must yield the right of way to other vehicles and to pedestrians attempting to cross the street in the crosswalk.
New Port Richey	The totality of the circumstances to include speed of the vehicle, traffic volume, visibility, road conditions, etc.
Orange County	Only enforce right on red at locations that have a No Turn On Red sign when lit if vehicle does not stop within their turn
Osceola County	affidavit officers make a determination just as a deputy would — based on the individual circumstances of that turn
Town of Orange Park (Clay)	At one particular intersection where the right on red is enforced, the violator has to drive into the bicycle lane, passing other vehicles on the right, fail to stop then make a right hand turn, endangering other traffic and/or pedestrians.
Town of Surfside	If there is a pedestrian in the crosswalk, at time of incident occurrence, that posed a risk/threat to the pedestrian.
Village of Key Biscayne	We use the same definition as Florida State Statute 316.0083(1)(a).
West Miami Police	Careful and prudent manner