

**CITY OF ENCINITAS  
CITY COUNCIL  
AGENDA REPORT  
Meeting Date: June 26, 2013**

**TO:** City Council  
**VIA:** Gus Vina, City Manager  
**FROM:** Glenn Pruum, Director of Engineering and Public Works  
Rob Blough, City Traffic Engineer

**SUBJECT:** Red Light Photo Enforcement Program

**BACKGROUND:**

At their February 27, 2013 meeting, the City of Encinitas Council directed staff to bring back a report on the Red Light Photo Enforcement Program.

In an effort to reduce the number of vehicles running red lights, the City entered into an agreement with Redflex, Inc. on February 9, 2004 to operate red light cameras at City intersections. Red light cameras have been operational at the intersection of El Camino Real/Encinitas Boulevard since June 9, 2004. These cameras monitor the two eastbound left turn lanes and two eastbound through lanes on Encinitas Boulevard, including the shared right turn lane. In the southbound direction the cameras monitor the two left turn lanes and two inside through lanes on El Camino Real. The red light cameras have been operational at the intersection of El Camino Real/Olivenhain Road-Leucadia Boulevard since November 12, 2005. These cameras monitor the two westbound left turn lanes on Olivenhain Road. These two intersection locations were selected after they were documented to have the highest number of red light running violations in the City. The most recent amendment to the agreement was signed on February 8, 2011 with Redflex, Inc. and the current cost for each of the three existing red light camera systems is a fixed fee of \$3,863 per month. Since January 1, 2004, the law prohibits contracts with vendors based on a percentage or number of red light violations. The agreement is for a period of seven years plus three consecutive one-year extensions at the City's option. The agreements are located in Attachment A.

In the last two years, approximately 20 cities in California have ended their photo enforcement programs. The reasons for ending the programs have been due to a variety of reasons. A few of the reasons include a marked reduction in violations which has put a financial burden on cities, little or no conclusive evidence of a reduction in collisions due to the presence of the cameras, public referendums to ban red light cameras, and Los Angeles County courts not reporting tickets to the

DMV. Locally, the City of San Diego ended their Red Light Photo Enforcement Program on February 1, 2013. In addition, the City of El Cajon and Poway have temporarily stopped the use of their cameras for a six-month trial period.

At their meeting on November 26, 2012, the Traffic Commission reviewed an informational report on the red light photo enforcement program as part of their routine periodic review of the program. The report included a review of the historic data including citations, collisions, revenues, and expenditures. The report was for informational purposes. However, the Commission approved a motion to recommend that the Council continue to support the use of red light photo enforcement. The minutes from this meeting are located in Attachment B.

### **ANALYSIS:**

#### **Citations/Cost/Revenue**

Exhibit 1 shows the number of citations issued at each intersection per month along with the cost and revenue of the system from the inception of the program through December 31, 2012. During this period, there have been 18,412 citations issued at the intersection of El Camino Real/Encinitas Blvd and 5,558 citations issued at the intersection of El Camino Real/Olivenhain Rd.-Leucadia Blvd. The current cost of the red light photo enforcement program includes a fixed monthly fee of \$3,863 to Redflex for each of the three intersection approaches. In addition, other costs associated with the program include for a Community Service Officer (CSO) who reviews the citations and attends court, City staff time involved with administering the program, and time involved with providing responses to numerous public records requests.

The total fine for failing to stop at a circular red or red arrow at a traffic signal is established by the State of California and is currently \$490. Attachment C shows how the fine is calculated for this violation. The City has received over the term of this program an average of \$92 per issued citation. Since the start of the program on June 9, 2004 through December 31, 2012, the City has received \$2,157,649 in revenues and has made \$1,403,016 in payments to Redflex.

#### **Traffic Safety**

The traffic collision history has been reviewed at these two intersections prior to and after installation of the cameras. The collision history is from January 1, 2000 through December 31, 2012. The year 2000 was selected as the base year for both intersections since the roadway conditions were significantly different than today before that year. Prior to 2000, the development of Encinitas Ranch required the connection of Leucadia Boulevard from I-5 to El Camino Real along with intersection widening at El Camino Real and Olivenhain Road. This new connection as well as other roadway improvements altered the traffic patterns in the City.

All traffic collision reports have been individually reviewed and the types of collisions were documented. Of particular interest is the number of collisions involving red light running before and after the cameras were installed and any rear end collisions that may have been the result of drivers stopping early on the yellow (induced by fear of the red light camera).

Exhibit 2 shows a graph of the collision history at the intersection of El Camino Real/Encinitas Blvd. This intersection had a total of 39 collisions in the 4.5 year period prior to the camera. Of these, 9 were red light running collisions. In the 8.5 year period after the camera, there were a total of 45 collisions. Of these, 3 were red light running and 5 were rear ends due to a driver stopping early on the yellow. Standardized per year, the above data reflects 8.7 accidents per year prior to camera installation versus 5.3 accidents per year after. This is a 39 percent reduction in the total number of accidents. The red light running accidents were reduced from a rate of 2 accidents per year to 0.35 accidents per year, an 82 percent reduction. It should be noted that based on the Caltrans statewide expected collision rate, this intersection should have approximately 10 collisions per year. Exhibit 3 shows the severity of injury accidents for each year at this intersection.

Exhibit 4 shows a graph of the collision history at the intersection of El Camino Real/Olivenhain Rd.-Leucadia Blvd. This intersection had a total of 54 collisions in the 5.9 year period prior to the camera. Of these, 11 were red light running collisions. In the 7.1 year period after the camera, there were a total of 51 collisions. Of these, 10 were red light running and 3 were rear ends due to a driver stopping early on the yellow. Standardized per year, the above data reflects 9.2 accidents per year prior to camera installation versus 7.2 accidents per year after. This is a 22 percent reduction in the total number of accidents. The red light running accidents were reduced from a rate of 1.9 accidents per year to 1.4 accidents per year, a 26 percent reduction. It should be noted that based on the Caltrans statewide expected collision rate, this intersection should have approximately 10 collisions per year. Exhibit 5 shows the severity of injury accidents for each year at this intersection.

In summary, the camera system has been in operation for approximately 9 years and is located at the intersections of El Camino Real/Encinitas Boulevard and El Camino Real/Olivenhain Rd.-Leucadia Blvd. The City has seen a 31 percent reduction in the total number of collisions and a 57 percent reduction in the red light running collisions at both of these intersections combined since the cameras were installed. In addition, the system has not been a financial burden on the City's finances as its revenues cover expenditures.

#### Contract Termination

The agreement with Redflex has a Termination Section that allows the City to terminate the agreement for convenience for any cause whatsoever upon a 60-day termination letter to Redflex.

#### **FISCAL AND STAFF IMPACTS:**

Should the program be terminated, there will be a projected revenue loss of approximately \$85,000 each fiscal year. However, there may be an opportunity for savings since a portion of the CSO's time will not be required for this program. To provide continued motorist safety, traffic deputies may need to return to monitoring the photo enforced intersections.

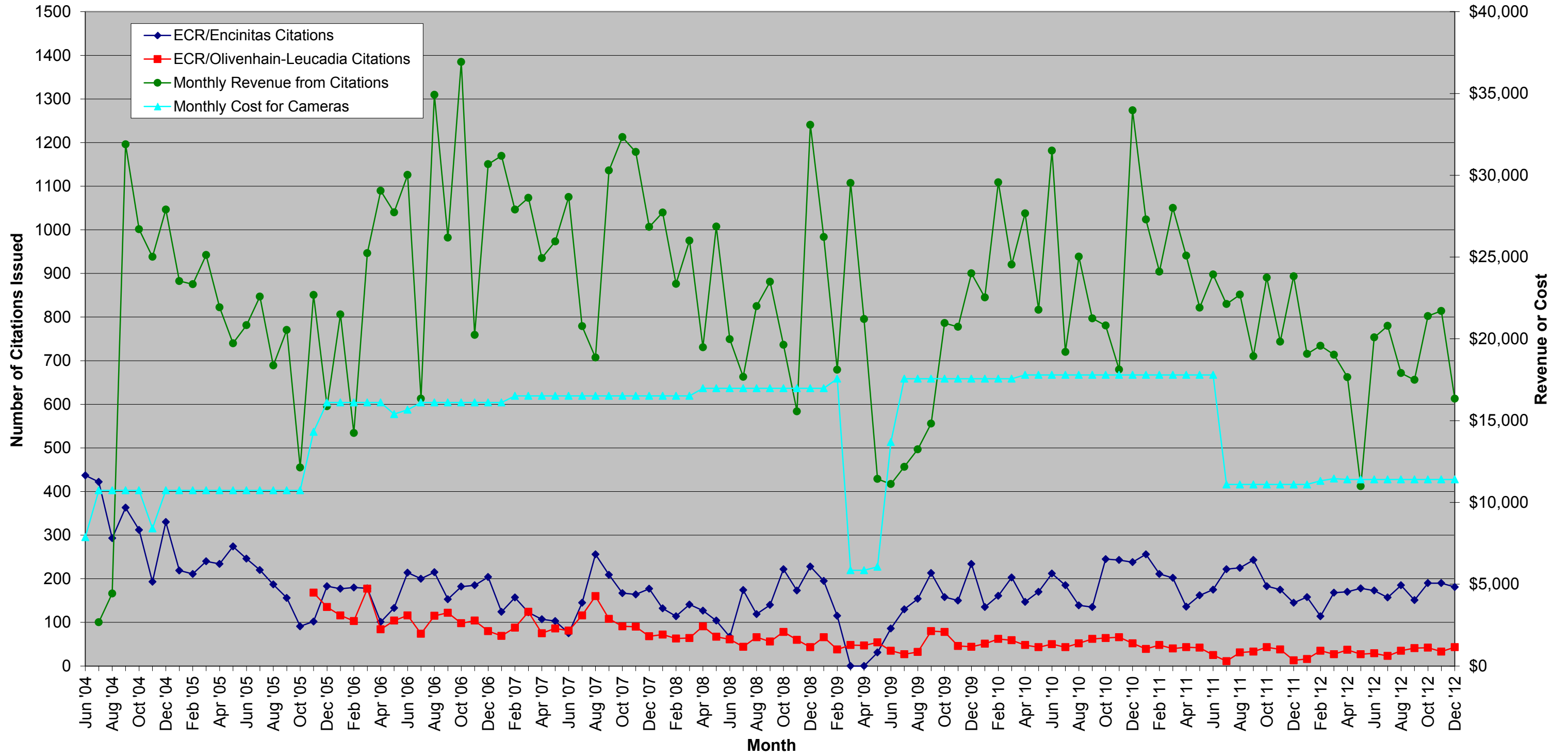
#### **RECOMMENDATION:**

It is recommended that the City Council provide direction to staff.

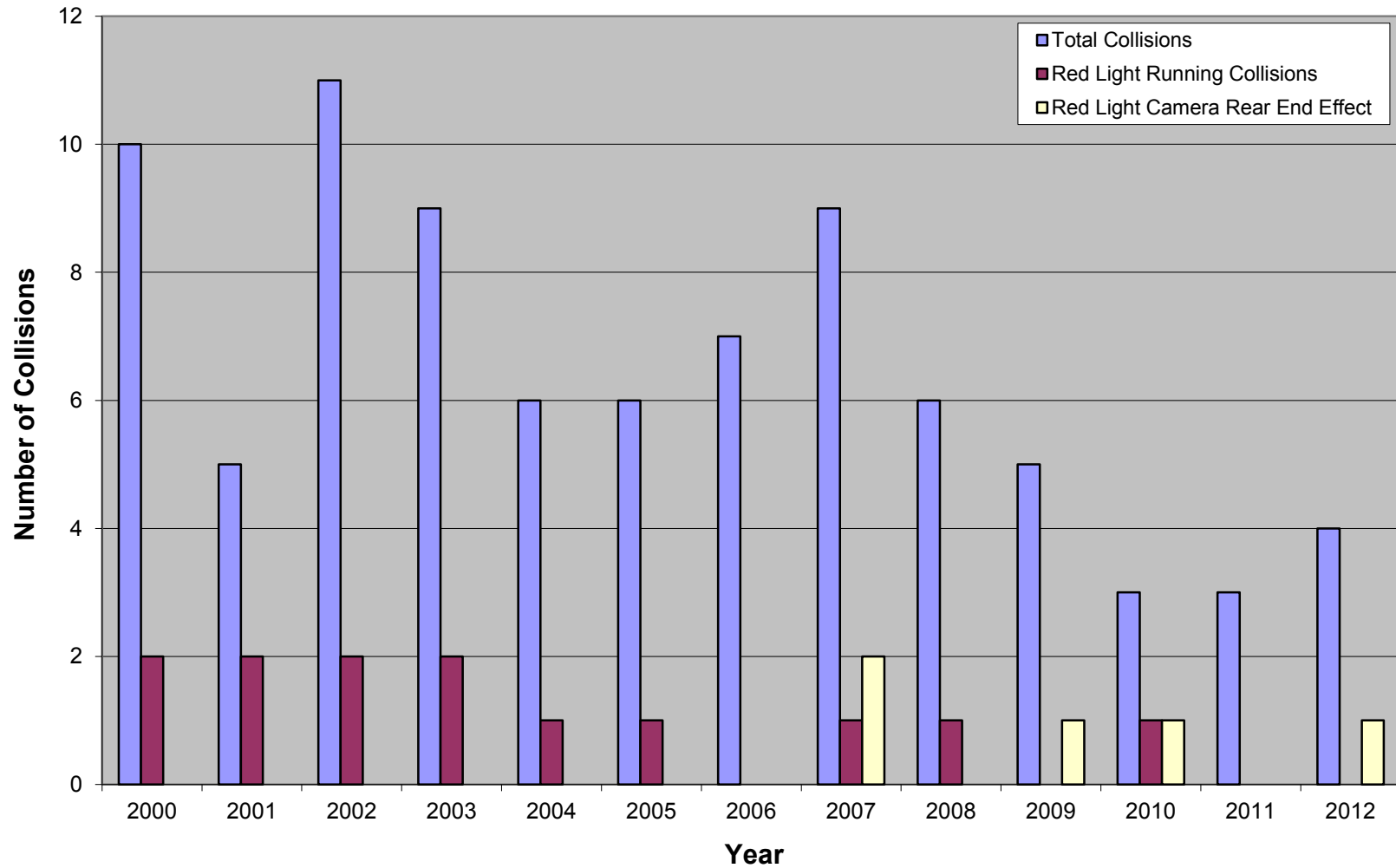
Exhibits and Attachments

- 1- Red Light Camera Data Since Inception
  - 2- Encinitas Blvd/El Camino Real Collisions
  - 3- Encinitas Blvd/El Camino Real Severity of Collisions
  - 4- El Camino Real and Leucadia Blvd/Olivenhain Rd Collisions
  - 5- El Camino Real and Leucadia Blvd/Olivenhain Rd Severity of Collisions
- A- Agreements with Redflex for Photo Red Light Enforcement Program  
B- November 26, 2012 Traffic Commission Minutes  
C- Example of Total Bail Calculation for Red Light Violation  
D- Correspondence

### EXHIBIT 1 - Red Light Camera Data Since Inception

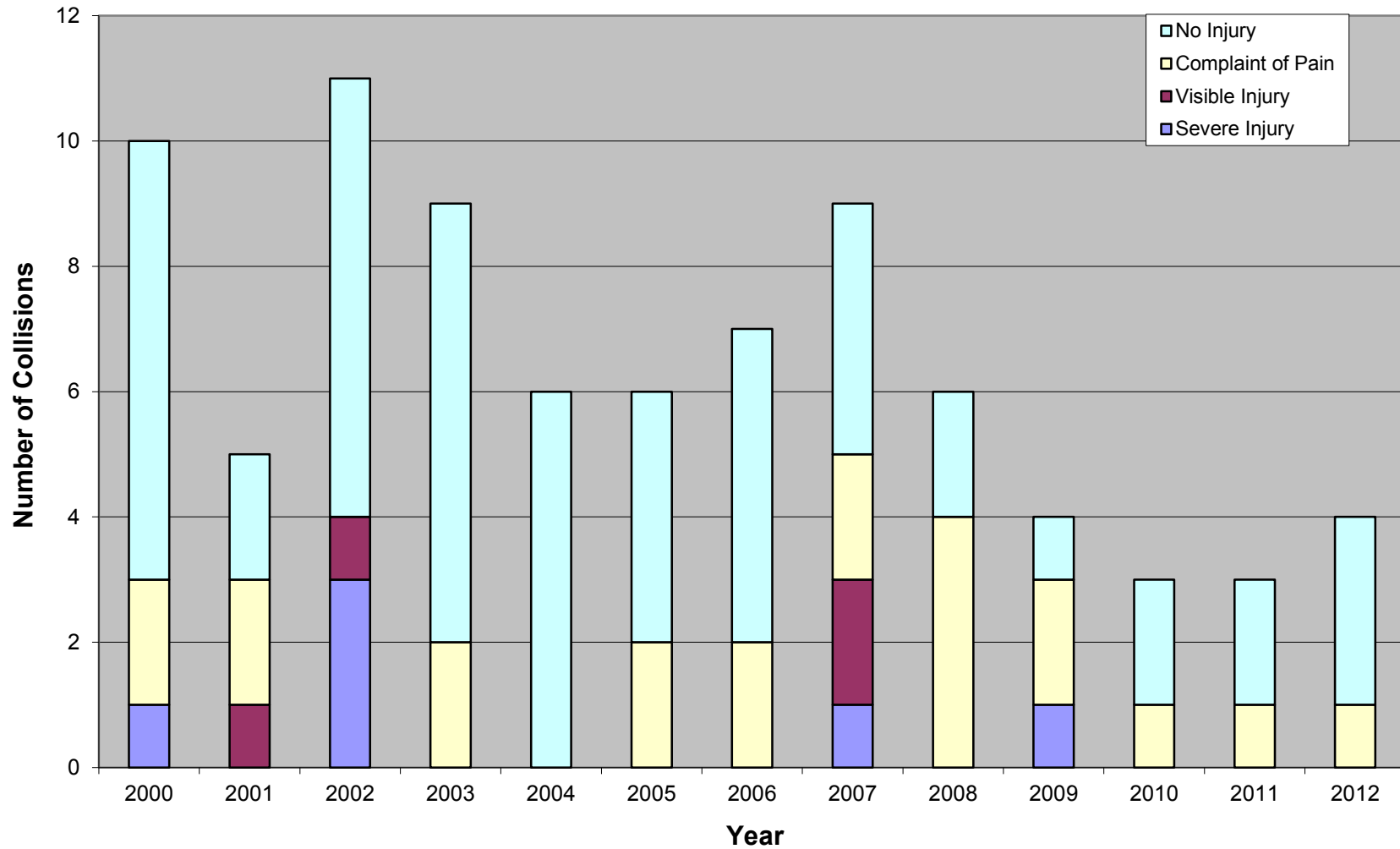


## EXHIBIT 2 - Encinitas Blvd/El Camino Real Collisions

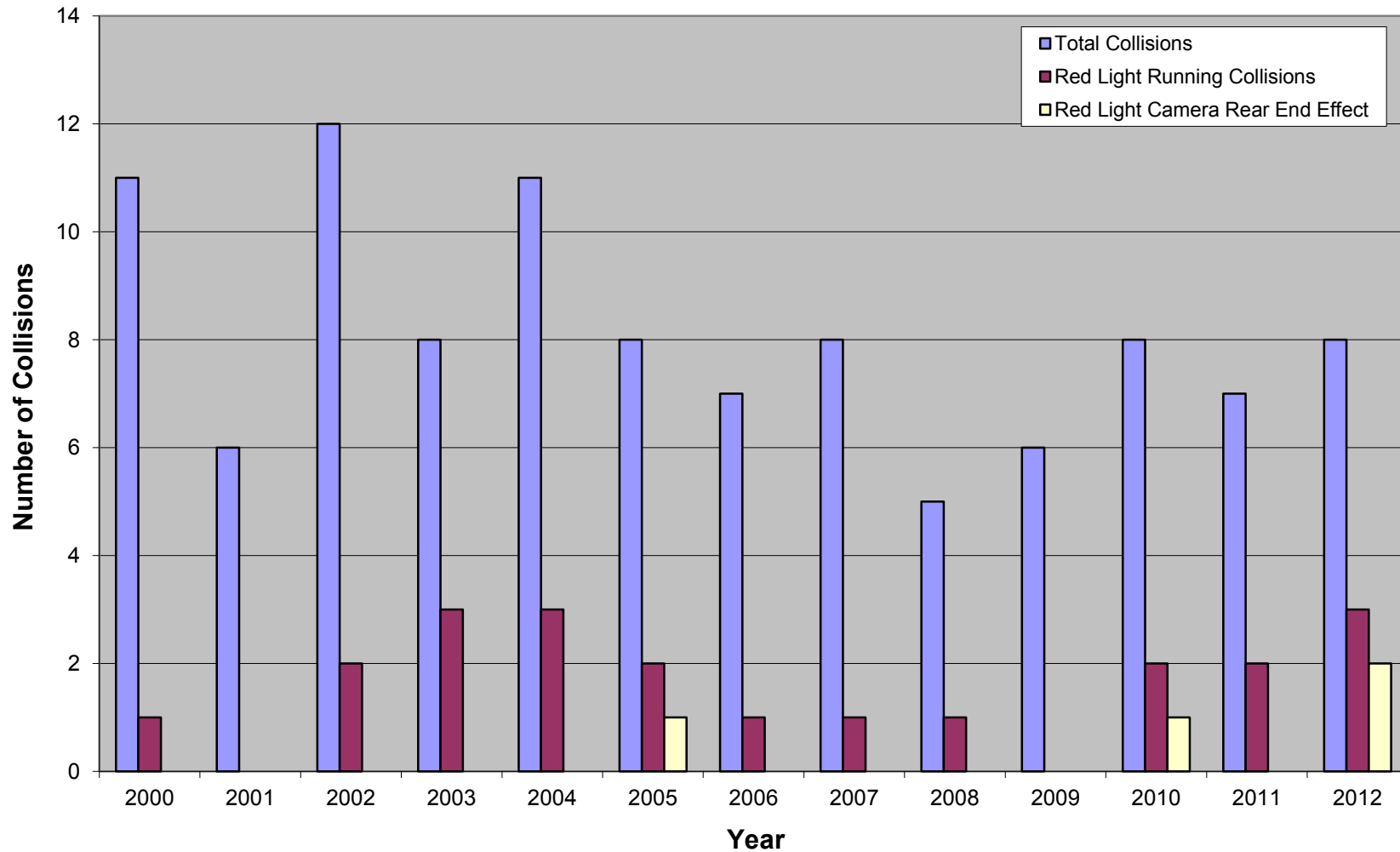


Note: Camera was installed on June 9, 2004 for southbound and eastbound movements. There were 6 accidents in 2004, 4 before and 2 after camera was installed. The 1 red light running accident was before the camera was installed. AR1116T

### EXHIBIT 3 - Encinitas Blvd/EI Camino Real Severity of Collisions



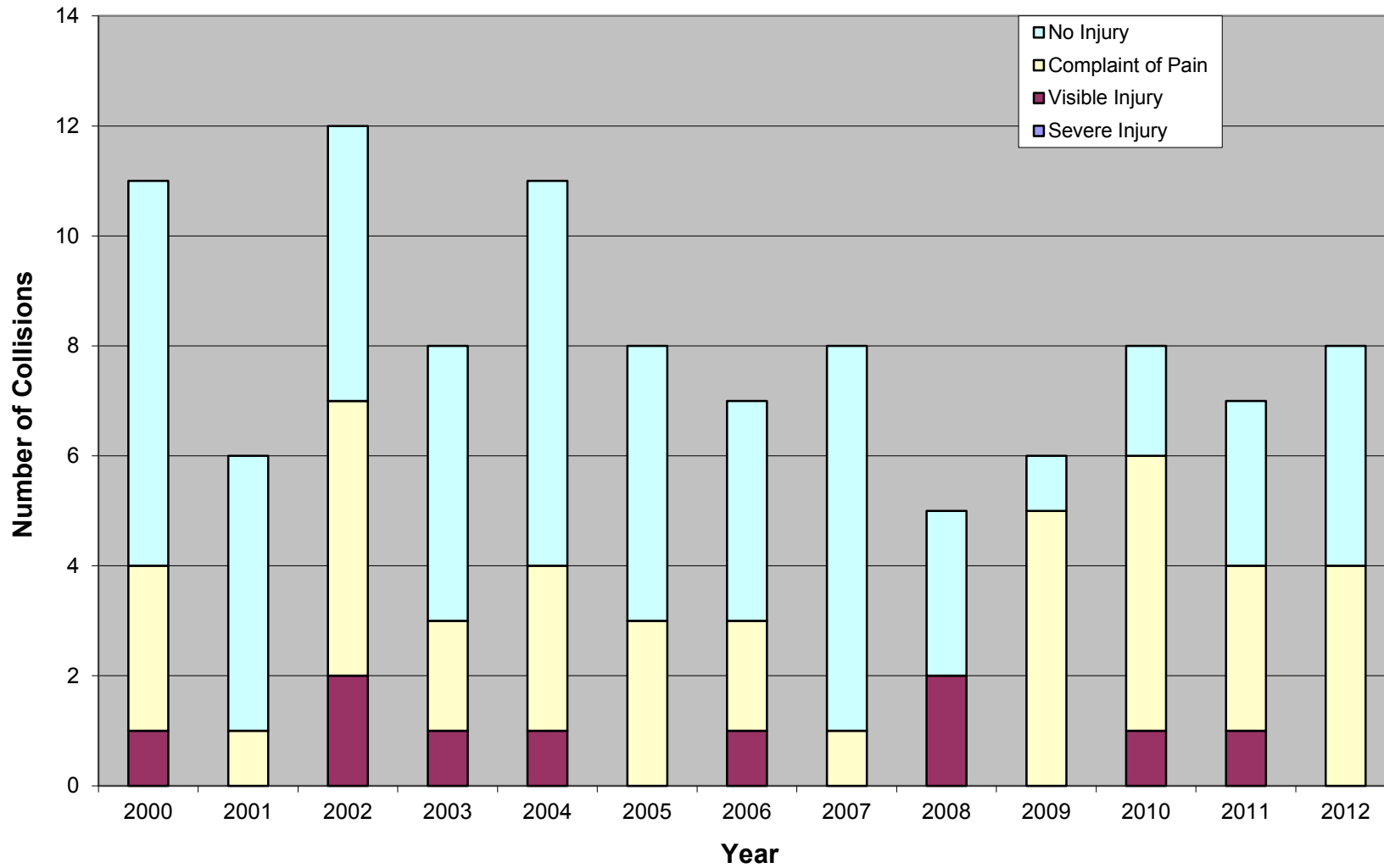
## EXHIBIT 4 - El Camino Real and Leucadia Blvd/Olivenhain Rd Collisions



Note: Camera was installed on Nov. 12, 2005 for westbound left turn. There were 8 accidents in 2005, 6 before and 2 after camera was installed. Both of the red light running accidents were before the camera was installed. AR1116T



**EXHIBIT 5 - El Camino Real and Leucadia Blvd/Olivenhain Rd Severity of Collisions**



# Attachment A

## Photo Red Light Enforcement Agreements

- Agreement Between City of Encinitas and Redflex, February 9, 2004
- First Extension to Contract and Amendment to Agreement, January 28, 2009
- Second Extension to Contract to Agreement, January 25, 2010
- Second Amendment to Agreement, February 8, 2011

AGREEMENT BETWEEN THE CITY OF ENCINITAS  
AND REDFLEX TRAFFIC SYSTEMS, INC. FOR  
AUTOMATED RED LIGHT PHOTO ENFORCEMENT CAMERAS

This Agreement (this "Agreement") is made as of this 9<sup>TH</sup> day of February, 2004 by and between the City of Encinitas, a municipal corporation, with offices at 505 S. Vulcan Avenue, Encinitas, California, 92024 (the "City") and Redflex Traffic Systems, Inc., a Delaware corporation with offices at 5813A Uplander Way, Culver City, California 90230 ("Redflex"),

**RECITALS**

WHEREAS, Redflex has exclusive knowledge, possession and ownership of certain equipment, licenses, applications, and citation processes related to digital red light photo enforcement cameras;

WHEREAS, the City desires to engage the services of Redflex to provide certain equipment, processes and back office services so that sworn Sheriff's officers and/or employees of the Sheriff's Department under contract to the City are able to monitor, identify and enforce red light running violations;

WHEREAS, it is a mutual objective of both Redflex and the City to reduce the incidence of vehicle collisions at the traffic intersections that will be monitored pursuant to the terms of this Agreement.

NOW THEREFORE, in consideration of the mutual covenants contained herein, and for other valuable consideration received, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

**AGREEMENT**

1. **DEFINITIONS.** In this Agreement, the words and phrases below shall have the following meanings:
  - 1.1. "Authorized Officer" means the Sheriff's Project Manager or such other individual(s) as the City shall designate to review Potential Violations and to authorize the Issuance of Citations in respect thereto, and in any event, a sworn officer or employee of the Sheriff's Department under contract to the City.
  - 1.2. "Authorized Violation" means each Potential Violation in the Violation Data for which authorization to issue a citation in the form of an Electronic Signature is given by the Authorized Officer by using the Redflex System.
  - 1.3. "Citation" means the notice of a Violation, which is mailed or otherwise delivered by Redflex to the violator on the appropriate Enforcement Documentation in respect of each Authorized Violation.
  - 1.4. "Confidential Information" means, with respect to any Person, any information, matter or thing of a secret, confidential or private nature, whether or not so labeled, which is considered confidential under local, state, or federal laws, or which is connected with such Person's business or methods of operation or concerning any of such Person's suppliers, licensors, licensees, City's or others with whom such Person has a business relationship, and which has current or

potential value to such Person or the unauthorized disclosure of which could be detrimental to such Person, including but not limited to:

- 1.4.1. Matters of a business nature, including but not limited to information relating to development plans, costs, finances, marketing plans, data, procedures, business opportunities, marketing methods, plans and strategies, the costs of construction, installation, materials or components, the prices such Person obtains or has obtained from its clients or City's, or at which such Person sells or has sold its services; and
- 1.4.2. Matters of a technical nature, including but not limited to product information, trade secrets, know-how, formulae, innovations, inventions, devices, discoveries, techniques, formats, processes, methods, specifications, designs, patterns, schematics, data, access or security codes, compilations of information, test results and research and development projects. For purposes of this Agreement, the term "trade secrets" shall mean the broadest and most inclusive interpretation of trade secrets as defined by §3426.1(d) of the California Civil Code (the "Uniform Trade Secrets Act") and cases interpreting the scope of the Uniform Trade Secrets Act.
- 1.4.3. Notwithstanding the foregoing, Confidential Information will not include information that: (i) was generally available to the public or otherwise part of the public domain at the time of its disclosure, (ii) became generally available to the public or otherwise part of the public domain after its disclosure and other than through any act or omission by any party hereto in breach of this Agreement, (iii) was subsequently lawfully disclosed to the disclosing party by a person other than a party hereto, (iv) was required by a court of competent jurisdiction to be described, or (v) was required by applicable state law to be described.
- 1.5. "Designated Intersection Approaches" means the Intersection Approaches set forth on Exhibit A attached hereto, and any such additional Intersection Approaches as the City may designate from time to time.
- 1.6. "Electronic Signature" means the method through which the Authorized Officer indicates his or her approval of the issuance of a Citation in respect of a Potential Violation using the Redflex System.
- 1.7. "Enforcement Documentation" means the necessary and appropriate documentation related to the Redlight Photo Enforcement Program, including but not limited to warning letters, citation notices (using the specifications of the Judicial Council and the San Diego Sheriffs Department), a numbering sequence for use on all citation notices (in accordance with applicable court rules), instructions to accompany each issued Citation (including in such instructions a description of basic court procedures, payment options and information regarding the viewing of images and data collected by the Redflex System), chain of custody records, criteria regarding operational policies for processing Citations (including with respect to coordinating with the Department of Motor Vehicles), and technical support documentation for applicable court and judicial officers.
- 1.8. "Equipment" means any and all cameras, sensors, equipment, components, products, software and other tangible and intangible property relating to the

Redflex System, including but not limited to all camera systems, housings and poles.

- 1.9. "Fine" means a monetary sum assessed for Citation, including but not limited to bail forfeitures, but excluding suspended fines.
- 1.10. "Governmental Authority" means any domestic or foreign government, governmental authority, court, tribunal, agency or other regulatory, administrative or judicial agency, commission or organization, and any subdivision, branch or department of any of the foregoing.
- 1.11. "Installation Date" means the date on which Redflex completes the construction and installation of at least two (2) Intersection Approaches in accordance with the terms of this Agreement so that such Intersection Approach is operational for the purposes of functioning with the Redlight Photo Enforcement Program.
- 1.12. "Intellectual Property" means, with respect to any Person, any and all now known or hereafter known tangible and intangible (a) rights associated with works of authorship throughout the world, including but not limited to copyrights, moral rights and mask-works, (b) trademark and trade name rights and similar rights, (c) trade secrets rights, (d) patents, designs, algorithms and other industrial property rights, (e) all other intellectual and industrial property rights (of every kind and nature throughout the universe and however designated), whether arising by operation of law, contract, license, or otherwise, and (f) all registrations, initial applications, renewals, extensions, continuations, divisions or reissues hereof now or hereafter in force (including any rights in any of the foregoing), of such Person.
- 1.13. "Intersection Approach" means a conduit of travel with up to four (4) contiguous lanes from the curb (e.g., northbound, southbound, eastbound or westbound) on which at least one (1) digital, rear shot multiple image color camera and at least one (1) digital face camera, together with all other components of the Redflex System, including the SmartScene™ System have been installed by Redflex and are operating for the purposes of facilitating Redlight Photo Enforcement by the City.
- 1.14. "Operational Period" means the period of time during the Term, commencing on the Installation Date, during which the Redlight Photo Enforcement Program is functional in order to permit the identification and prosecution of Violations at the Designated Intersection Approaches by the Authorized Officer and the issuance of Citations for such approved Violations using the Redflex System.
- 1.15. "Person" means a natural individual, company, Governmental Authority, partnership, firm, corporation, legal entity or other business association.
- 1.16. "Project Manager" means the official appointed by the City in accordance with this Agreement, which shall initially be the City Engineer, or such person as the City shall designate by providing written notice thereof to Redflex from time to time. The Project Manager shall be responsible for overseeing the installation of the Intersection Approaches and the implementation of the Redlight Photo Enforcement Program, and which manager shall have the power and authority to make management decisions relating to the City's obligations pursuant to this

Agreement, including but not limited to change order authorizations, subject to any limitations set forth in the City's charter or other organizational documents of the City or by the City Council or other governing body of the City.

- 1.17. "Potential Violation" means, with respect to any motor vehicle passing through a Designated Intersection Approach, the data collected by the Redflex System with respect to such motor vehicle, which data shall be processed by the Redflex System for the purposes of allowing the Authorized Officer to review such data and determine whether a Violation has occurred.
- 1.18. "Proprietary Property" means, with respect to any Person, any written or tangible property owned or used by such Person in connection with such Person's business, whether or not such property is copyrightable or also qualifies as Confidential Information, including without limitation products, samples, equipment, files, lists, books, notebooks, records, documents, memoranda, reports, patterns, schematics, compilations, designs, drawings, data, test results, contracts, agreements, literature, correspondence, spread sheets, computer programs and software, computer print outs, other written and graphic records and the like, whether originals, copies, duplicates or summaries thereof, affecting or relating to the business of such Person, financial statements, budgets, projections and invoices.
- 1.19. "Redflex Marks" means all trademarks registered in the name of Redflex or any of its affiliates, such other trademarks as are used by Redflex or any of its affiliates on or in relation to Redlight Photo Enforcement at any time during the Term this Agreement, service marks, trade names, logos, brands and other marks owned by Redflex, and all modifications or adaptations of any of the foregoing.
- 1.20. "Redflex Project Manager" means the project manager appointed by Redflex in accordance with this Agreement, which project manager shall initially be as designated by the City Manager, or such person as Redflex shall designate by providing written notice thereof to the City from time to time, who shall be responsible for overseeing the construction and installation of the Designated Intersection Approaches and the implementation the Redlight Photo Enforcement Program, and who shall have the power and authority to make management decisions relating to Redflex's obligations pursuant to this Agreement, including but not limited to change-order authorizations.
- 1.21. "Redflex System" means, collectively, the SmartCam™ System, the SmartOps™ System, the SmartScene™ System, the Redlight Photo Enforcement Program, and all of the other equipment, flash units, applications, back office processes and digital red light traffic enforcement cameras, sensors, components, products, software and other tangible and intangible property relating thereto.
- 1.22. "Redlight Photo Enforcement Program" means the process by which the monitoring, identification and enforcement of Violations is facilitated by the use of certain equipment, applications and back office processes of Redflex, including but not limited to cameras, flashes, central processing units, signal controller interfaces and detectors (whether loop, radar, video sensor or other) which, collectively, are capable of measuring Violations and recording such Violation data in the form of photographic images of motor vehicles and/or their drivers.

- 1.23. "Redlight Violation Criteria" means the standards and criteria by which Potential Violations will be evaluated by the Authorized Officer, which standards and criteria shall include, but are not limited to, the duration of time that a traffic light must remain red prior to a Violation being deemed to have occurred, and the location(s) in an intersection which a motor vehicle must pass during a red light signal prior to being deemed to have committed a Violation, all of which shall be in compliance with all applicable laws, rules and regulations of Governmental Authorities.
- 1.24. "SmartCam™ System" means the proprietary digital speed and redlight photo enforcement system of Redflex relating to the Redlight Photo Enforcement Program.
- 1.25. "SmartOps™ System" means the proprietary back-office processes of Redflex relating to the Redlight Photo Enforcement Program.
- 1.26. "SmartScene™ System" means the proprietary digital video camera unit, hardware and software required for providing supplemental violation data.
- 1.27. "Traffic Signal Controller Boxes" means the signal controller interface and detector, including but not limited to the radar or video loop, as the case may be.
- 1.28. "Violation" means any traffic violation contrary to the terms of the Vehicle Code or any applicable rule, regulation or law of any other Governmental Authority, including but not limited to operating a motor vehicle contrary to traffic signals, and operating a motor vehicle without displaying a valid license plate or registration.
- 1.29. "Violations Data" means the images and other Violations data gathered by the Redflex System at the Designated Intersection Approaches.
- 1.30. "Warning Period" means the period of thirty (30) days after the Installation Date.
2. **TERM.** The term of this Agreement shall commence as of the date hereof and shall continue for a period of five (5) years (the "Initial Term"). The City shall have the right, but not the obligation, to extend the term of this Agreement for up to two (2) additional consecutive one (1) year periods following the expiration of the Initial Term (each, a "Renewal Term" and collectively with the Initial Term, the "Term"). The City may exercise the right to extend this Agreement for a Renewal Term by providing written notice to Redflex not less than thirty (30) days prior to the last day of the Initial Term or the Renewal Term, as the case may be.
3. **SERVICES.** Redflex shall provide the Redlight Photo Enforcement Program to the City with respect to the Designated Intersection Approaches, in each case in accordance with the terms and provisions set forth in this Agreement.
  - 3.1. **INSTALLATION.** With respect to the construction of the Designated Intersection Approaches and the installation of the Redflex System at such Designated Intersection Approaches, the City and Redflex shall have the respective rights and obligations set forth on Exhibit B attached hereto.
  - 3.2. **MAINTENANCE.** With respect to the maintenance of the Redflex System at the Designated Intersection Approaches, the City and Redflex shall have the respective rights and obligations set forth on Exhibit C attached hereto.
  - 3.3. **VIOLATION PROCESSING.** During the Operational Period, Violations shall be processed as follows:
    - 3.3.1. All Violations Data shall be stored on the Redflex System;

- 3.3.2. The Redflex System shall process Violations Data gathered from the Designated Intersection Approaches into a format capable of review by the Authorized Officer via the Redflex System;
- 3.3.3. The Redflex System shall be accessible by the Authorized Officer and Project Manager through a virtual private network in encrypted format by use of a confidential password on any computer equipped with a high-speed internet connection and a web browser;
- 3.3.4. Redflex shall provide the Authorized Officer and Project Manager with access to the Redflex System for the purposes of reviewing the pre-processed Violations Data within seven (7) days of the gathering of the Violation Data from the applicable Designated Intersection Approach;
- 3.3.5. The City shall cause the Authorized Officer to review the Violations Data and to determine whether a citation shall be issued with respect to each Potential Violation captured within such Violation Data, and transmit each such determination in the form of an Electronic Signature to Redflex using the software or other applications or procedures provided by Redflex on the Redflex System for such purpose, and REDFLEX HEREBY ACKNOWLEDGES AND AGREES THAT THE DECISION TO ISSUE A CITATION SHALL BE THE SOLE, UNILATERAL AND EXCLUSIVE DECISION OF THE AUTHORIZED OFFICER AND SHALL BE MADE IN SUCH AUTHORIZED OFFICER'S SOLE DISCRETION (A "CITATION DECISION"), AND IN NO EVENT SHALL REDFLEX HAVE THE ABILITY OR AUTHORIZATION TO MAKE A CITATION DECISION;
- 3.3.6. With respect to each Authorized Violation, Redflex shall print and mail a Citation within five (5) days after Redflex's receipt of such authorization; provided, however, during the Warning Period, warning violation notices shall be issued in respect of all Authorized Violations;
- 3.3.7. The City shall track the collection of Fines assessed on each Citation and complete and accurate records shall be maintained by the City with respect to each such Citation;
- 3.3.8. Redflex shall provide a toll-free telephone number for the purposes of answering citizen inquiries, responding to complaints and scheduling appointments during which recipients of Citations may view the applicable Violations Data, and Redflex shall provide necessary personnel for such purpose;
- 3.3.9. Redflex shall permit the Authorized Officer and Project Manager to generate monthly reports using the Redflex Standard Report System.
- 3.3.10. Upon Redflex's receipt of a written request from the City and in addition to the Standard Reports, Redflex shall provide, without cost to the City, reports regarding the processing and issuance of Citations, the maintenance and downtime records of the Designated Intersection Approaches and the functionality of the Redflex System with respect thereto to the City in such format and for such periods as the City may reasonably request; provided, however, Redflex shall not be obligated to provide in excess of six (6) such reports in any given twelve (12) month period without cost to the City;



- 3.3.11. Upon the City's receipt of a written request from Redflex, the City shall provide, without cost to Redflex, reports regarding the prosecution of Citations and the collection of fines, fees and other monies in respect thereof in such format and for such periods as Redflex may reasonably request; provided, however, the City shall not be obligated to provide in excess of six (6) such reports in any given twelve (12) month period without cost to Redflex;
- 3.3.12. During the four (4) month period following the Installation Date and upon Redflex's receipt of a written request from the City at least fourteen (14) calendar days in advance of court proceeding, Redflex shall provide expert witnesses for use by the City in prosecuting Violations; provided, however, the City shall use reasonable best efforts to seek judicial notice in lieu of requiring Redflex to provide such expert witnesses; and
- 3.3.13. During the four (4) month period following the Installation Date, Redflex shall provide such training to police personnel as shall be reasonably necessary in order to allow such personnel to act as expert witnesses on behalf of the City with respect to the Redlight Enforcement Program.
- 3.4. PROSECUTION AND COLLECTION; COMPENSATION. The City shall diligently prosecute Citations and the collection of all Fines in respect thereof, and Redflex shall have the right to receive, and the City shall be obligated to pay, the compensation set forth on Exhibit D attached hereto.
- 3.5. OTHER RIGHTS AND OBLIGATIONS. During the Term, in addition to all of the other rights and obligations set forth in this Agreement, Redflex and the City shall have the respective rights and obligations set forth on Exhibit E attached hereto.
- 3.6. CHANGE ORDERS. The City may from time to time request changes to the work required to be performed or the addition of products or services to those required pursuant to the terms of this Agreement by providing written notice thereof to Redflex, setting forth in reasonable detail the proposed changes (a "Change Order Notice"). Upon Redflex's receipt of a Change Order Notice, Redflex shall deliver a written statement describing the effect, if any, the proposed changes would have on the pricing terms set forth in Exhibit D (the "Change Order Proposal"), which Change Order Proposal shall include (i) a detailed breakdown of the charge and schedule effects, (ii) a description of any resulting changes to the specifications and obligations of the parties, (iii) a schedule for the delivery and other performance obligations, and (iv) any other information relating to the proposed changes reasonably requested by the City. Following the City's receipt of the Change Order Proposal, the parties shall negotiate in good faith and agree to a plan and schedule for implementation of the proposed changes, the time, manner and amount of payment or price increases or decreases, as the case may be, and any other matters relating to the proposed changes; provided, however, in the event that any proposed change involves only the addition of equipment or services to the existing Designated Intersection Approaches, or the addition of Intersection Approaches to be covered by the terms of this Agreement, to the maximum extent applicable, the pricing terms set forth in Exhibit D shall govern. Any failure of the parties to

reach agreement with respect to any of the foregoing as a result of any proposed changes shall not be deemed to be a breach of this Agreement, and any disagreement shall be resolved in accordance with Section 10.

**4. LICENSE; RESERVATION OF RIGHTS.**

- 4.1 License. Subject to the terms and conditions of this Agreement, Redflex hereby grants the City, and the City hereby accepts from Redflex upon the terms and conditions herein specified, a non-exclusive, non-transferable license during the Term of this Agreement to: (a) solely within the City of ENCINITAS, access and use the Redflex System for the sole purpose of reviewing Potential Violations and authorizing the issuance of Citations pursuant to the terms of this Agreement, and to print copies of any content posted on the Redflex System in connection therewith, (b) disclose to the public (including outside of the City of ENCINITAS) that Redflex is providing services to the City in connection with Redlight Photo Enforcement Program pursuant to the terms of this Agreement, and (c) use and display the Redflex Marks on or in marketing, public awareness or education, or other publications or materials relating to the Redlight Photo Enforcement Program, so long as any and all such publications or materials are approved in advance by Redflex.
- 4.2 RESERVATION OF RIGHTS. The City hereby acknowledges and agrees that: (a) Redflex is the sole and exclusive owner of the Redflex System, the Redflex Marks, all Intellectual Property arising from or relating to the Redflex System, and any and all related Equipment, (b) the City neither has nor makes any claim to any right, title or interest in any of the foregoing, except as specifically granted or authorized under this Agreement, and (c) by reason of the exercise of any such rights or interests of City pursuant to this Agreement, the City shall gain no additional right, title or interest therein.
- 4.3 RESTRICTED USE. The City hereby covenants and agrees that it shall not (a) make any modifications to the Redflex System, including but not limited to any Equipment, (b) alter, remove or tamper with any Redflex Marks, (c) use any of the Redflex Marks in any way which might prejudice their distinctiveness, validity or the goodwill of Redflex therein, (d) use any trademarks or other marks other than the Redflex Marks in connection with the City's use of the Redflex System pursuant to the terms of this Agreement without first obtaining the prior consent of Redflex, or (e) disassemble, decompile or otherwise perform any type of reverse engineering to the Redflex System, the Redflex System, including but not limited to any Equipment, or to any, Intellectual Property or Proprietary Property of Redflex, or cause any other Person to do any of the foregoing.
- 4.4 PROTECTION OF RIGHTS. Redflex shall have the right to take whatever action it deems necessary or desirable to remedy or prevent the infringement of any Intellectual Property of Redflex, including without limitation the filing of applications to register as trademarks in any jurisdiction any of the Redflex Marks, the filing of patent application for any of the Intellectual Property of Redflex, and making any other applications or filings with appropriate Governmental Authorities. The City shall not take any action to remedy or prevent such infringing activities, and shall not in its own name make any

registrations or filings with respect to any of the Redflex Marks or the Intellectual Property of Redflex without the prior written consent of Redflex.

4.5 INFRINGEMENT. The City shall use its reasonable best efforts to give Redflex prompt notice of any activities or threatened activities of any Person of which it becomes aware that infringes or violates the Redflex Marks or any of Redflex's Intellectual Property or that constitute a misappropriation of trade secrets or act of unfair competition that might dilute, damage or destroy any of the Redflex Marks or any other Intellectual Property of Redflex. Redflex shall have the exclusive right, but not the obligation, to take action to enforce such rights and to make settlements with respect thereto. In the event that Redflex commences any enforcement action under this Section 4.5, then the City shall render to Redflex such reasonable cooperation and assistance as is reasonably requested by Redflex, and Redflex shall be entitled to any damages or other monetary amount that might be awarded after deduction of actual costs; provided, that Redflex shall reimburse the City for any reasonable costs incurred in providing such cooperation and assistance.

4.6 INFRINGING USE. The City shall give Redflex prompt written notice of any action or claim action or claim, whether threatened or pending, against the City alleging that the Redflex Marks, or any other Intellectual Property of Redflex, infringes or violates any patent, trademark, copyright, trade secret or other Intellectual Property of any other Person, and the City shall render to Redflex such reasonable cooperation and assistance as is reasonably requested by Redflex in the defense thereof; provided, that Redflex shall reimburse the City for any reasonable costs incurred in providing such cooperation and assistance. If such a claim is made and Redflex determines, in the exercise of its sole discretion, that an infringement may exist, Redflex shall have the right, but not the obligation, to procure for the City the right to keep using the allegedly infringing items, modify them to avoid the alleged infringement or replace them with non-infringing items.

## **5. REPRESENTATIONS AND WARRANTIES.**

### **5.1 Redflex Representations and Warranties.**

5.1.1 Authority. Redflex hereby warrants and represents that it has all right, power and authority to execute and deliver this Agreement and perform its obligations hereunder.

5.1.2 Professional Services. Redflex hereby warrants and represents that any and all services provided by Redflex pursuant to this Agreement shall be performed in a professional and workmanlike manner and, with respect to the installation of the Redflex System, subject to applicable law, in compliance with all specifications provided to Redflex by the City.

### **5.2 City Representations and Warranties.**

5.2.1 Authority. The City hereby warrants and represents that it has all right, power and authority to execute and deliver this Agreement and perform its obligations hereunder.

5.2.2 Professional Services. The City hereby warrants and represents that any and all services provided by the City pursuant to this Agreement shall be performed in a professional and workmanlike manner.

5.3 LIMITED WARRANTIES. EXCEPT AS OTHERWISE PROVIDED IN THIS AGREEMENT, REDFLEX MAKES NO WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE REDFLEX SYSTEM OR ANY RELATED EQUIPMENT OR WITH RESPECT TO THE RESULTS OF THE CITY'S USE OF ANY OF THE FOREGOING. NOTWITHSTANDING ANYTHING TO THE CONTRARY SET FORTH HEREIN, REDFLEX DOES NOT WARRANT THAT ANY OF THE DESIGNATED INTERSECTION APPROACHES OR THE REDFLEX SYSTEM WILL OPERATE IN THE WAY THE CITY SELECTS FOR USE, OR THAT THE OPERATION OR USE THEREOF WILL BE UNINTERRUPTED. THE CITY HEREBY ACKNOWLEDGES THAT THE REDFLEX SYSTEM MAY MALFUNCTION FROM TIME TO TIME, AND SUBJECT TO THE TERMS OF THIS AGREEMENT, REDFLEX SHALL DILIGENTLY ENDEAVOR TO CORRECT ANY SUCH MALFUNCTION IN A TIMELY MANNER.

6. **TERMINATION.**

6.1 Termination. Either party shall have the right to terminate this Agreement immediately by written notice to the other if (i) the other party commits any breach of any of the provisions of this Agreement which breach is not remedied within forty-five (45) calendar days (or within such other time period as the City and Redflex shall mutually agree, which agreement shall not be unreasonably withheld or delayed) after written notice from the non-breaching party setting forth in reasonable detail the events which caused the breach, or (ii) State or federal law prohibits or substantially changes the operation of red light photo enforcement systems, (including legislation rendering Redflex systems evidence inadmissible in a court of competent jurisdiction) and (iii) , following an audit of the revenue generated during any 12 consecutive month period after the installation date, and costs incurred by City, utilizing standard accounting procedures, the results thereof establish that City's net recovery after deducting all of system lease payments paid to Redflex during the said twelve month period is less than 100% of the amount of revenue collected during said period, then both parties shall meet and confer in good faith within thirty (30) days and shall make reasonable efforts to agree upon a new compensation formula. If after 90 days subsequent to the parties use of the new formula, the City's net recovery continues to be less than 100% of the amount of revenue collected for the 90 day period, the City may terminate this Agreement. The rights to terminate this Agreement given in this Section 6.1 shall be without prejudice to any other right or remedy of either party in respect of the breach concerned (if any) or any other breach of this Agreement.

6.2 PROCEDURES UPON TERMINATION. The termination of this Agreement shall not relieve either party of any liability that accrued prior to such termination. Except as set forth in Section 6.3, upon the termination of this Agreement, all of the provisions of this Agreement shall terminate and:

6.2.1 Redflex shall (i) immediately cease to provide services, including but not limited to work in connection with the construction or installation of Intersection Approaches and services in connection with the Redlight Photo Enforcement Program, (ii) promptly deliver to the City any and all Proprietary Property of the City provided to Redflex pursuant to this Agreement, (iii) promptly deliver to the City a final report to the City regarding the collection of data and the issuance of Citations in such format and for such periods as the City may reasonably request, and which final report Redflex shall update or supplement from time to time when and if additional data or information becomes available, (iv) promptly deliver to City a final invoice stating all fees and charges properly owed by City to Redflex for work performed and Citations issued by Redflex prior to the termination, and (v) provide such assistance as the City may reasonably request from time to time in connection with prosecuting and enforcing Citations issued prior to the termination of this Agreement.

6.2.2 The City shall (i) immediately cease using the Redlight Photo Enforcement Program, accessing the Redflex System and using any other Intellectual Property of Redflex, (ii) promptly deliver to Redflex any and all Proprietary Property of Redflex provided to the City pursuant to this Agreement, and (iii) promptly pay any and all fees, charges and amounts properly owed by City to Redflex for work performed and Citations issued by Redflex prior to the termination.

6.2.3 Unless the City and Redflex have agreed to enter into a new agreement relating to the Redlight Photo Enforcement Program or have agreed to extend the Term of this Agreement, Redflex shall remove any and all Equipment or other materials of Redflex installed in connection with Redflex's performance of its obligations under this Agreement, including but not limited to housings, poles and camera systems, and Redflex shall restore the Designated Intersection Approaches to substantially the same condition such Designated Intersection Approaches were in immediately prior to this Agreement.

6.3 SURVIVAL. Notwithstanding the foregoing, the definitions and each of the following shall survive the termination of this Agreement: Sections 4.2 (Reservation of Rights), 5.1 (Redflex Representations and Warranties), 5.2 (City Representations and Warranties), 5.3 (Limited Warranty), 7 (Confidentiality), 8 (Indemnification and Liability), 9 (Notices), 10 (Dispute Resolution), 11.1 (Assignment), 11.17 (Applicable Law), 11.16 (Injunctive Relief; Specific Performance) and 11.18 (Jurisdiction and Venue), and those provisions, and the rights and obligations therein, set forth in this Agreement which either by their terms state, or evidence the intent of the parties, that the provisions survive the expiration or termination of the Agreement, or must survive to give effect to the provisions of this Agreement.

7. **CONFIDENTIALITY**. During the term of this Agreement and for a period of three (3) years thereafter, neither party shall disclose to any third person, or use for itself in any way for pecuniary gain, any Confidential Information learned from the other party during the course of the negotiations for this Agreement or during the Term of this Agreement unless otherwise required by law. Upon termination of this Agreement, each party shall return to the other all tangible Confidential Information of such party. Each party shall retain in confidence and

not disclose to any third party any Confidential Information without the other party's express written consent, except (a) to its employees who are reasonably required to have the Confidential Information, (b) to its agents, representatives, attorneys and other professional advisors that need to know such Confidential Information, provided that such parties undertake in writing (or are otherwise bound by rules of professional conduct) to keep such information strictly confidential, and (c) pursuant to, and to the extent of, a request or order by any Governmental Authority, including laws relating to public records.

8. **INDEMNIFICATION AND LIABILITY.**

8.1 Indemnification by Redflex. Redflex hereby agrees to defend and indemnify the City and its affiliates, shareholders or other interest holders, managers, officers, elected officials, employees, directors, agents, representatives and successors, permitted assignees and each of their affiliates, and all persons acting by, through, under or in concert with them, or any of them (individually a "City Party" and collectively, the "City Parties") against, and to protect, save and keep harmless the City Parties from, and to pay on behalf of or reimburse the City parties as and when incurred for, any and all liabilities, obligations, losses, damages, penalties, demands, claims, actions, stop notices or mechanics liens, suits, judgments, settlements, costs, expenses and disbursements (including reasonable attorneys' accountants' and expert witnesses' fees) of whatever kind and nature (collectively, "Losses" which may be asserted against, imposed on or incurred by any City Party arising out of or related to (a) any material misrepresentation, inaccuracy or breach of any covenant, warranty or representation of Redflex contained in Agreement, or failure by Redflex to pay any supplier of materials or labor in connection with its performance of this Agreement; (b) the acts or omissions, or the willful misconduct of Redflex, its employees or agents which result in death or bodily injury to any natural person (including third parties) or any damage to any real or tangible personal property (including the personal property of third parties), except to the extent caused by the willful misconduct of any City Party.

8.2 Indemnification by City. Subject to Section 8.3, the City hereby agrees to defend and indemnify Redflex and its affiliates, shareholders or other interest holders, managers, officers, directors, employees, agents, representatives and successors, permitted assignees and all persons acting by, through, under or in concert with them, or any of them (individually a "Redflex Party" and collectively, the "Redflex Parties") against, and to protect, save and keep harmless the Redflex Parties from, and to pay on behalf of or reimburse the Redflex Parties as and when incurred for, any and all Losses which may be imposed on or incurred by any Redflex Party arising out of or in any way related to (a) any material misrepresentation, inaccuracy or breach of any covenant, warranty or representation of the City contained in this Agreement, (b) the negligent or willful misconduct of the City, its employees, contractors or agents which result in death or bodily injury to any natural person (including third parties) or any damage to any real or tangible personal property (including the personal property of third parties), except to the extent caused by the negligent or willful misconduct of any

Redflex Party, (c) any claim, action or demand not caused by Redflex's failure to perform its obligations under this Agreement, or (d) any claim, action or demand challenging the City's use of the Redflex System or any portion thereof, the validity of the results of the City's use of the Redflex System or any portion thereof, or the validity of the Citations issued, prosecuted and collected as a result of the City's use of the Redflex System or any portion thereof.

8.4 LIMITED LIABILITY. Notwithstanding anything to the contrary in this Agreement, neither party shall be liable to the other, by reason of any representation or express or implied warranty, condition or other term or any duty at common or civil law, for any indirect, incidental, special, lost profits or consequential damages, however caused and on any theory of liability arising out of or relating to this Agreement.

9. **NOTICES.** Any notices to be given hereunder shall be in writing, and shall be deemed to have been given (a) upon delivery, if delivered by hand, (b) three (3) days after being mailed first class, certified mail, return receipt requested, postage and registry fees prepaid, or (c) one Business Day after being delivered to a reputable overnight courier service, excluding the U.S. Postal Service, prepaid, marked for next day delivery, if the courier service obtains a signature acknowledging receipt, in each case addressed or sent to such party as follows:

9.1 Notices to Redflex:

Redflex Traffic Systems, Inc.  
15020 North 74<sup>th</sup> Street  
Scottsdale, AZ 85260  
Attention: Ms. Karen Finley  
Facsimile: (480) 607-0752

With a copy to:

Alschuler Grossman Stein & Khan LLP  
2049 Century Park East  
39<sup>th</sup> Floor  
Los Angeles, CA 90067  
Attn: Steve Penden, Esq.  
Facsimile: (310) 552-6077

9.2 Notices to the City:

City of Encinitas  
505 S. Vulcan Avenue  
Encinitas, CA 92024  
Attention: Kerry L. Miller, City Manager  
Facsimile: (760) 633-2627

**10. DISPUTE RESOLUTION.** Upon the occurrence of any dispute or disagreement between the parties hereto arising out of or in connection with any term or provision of this Agreement, the subject matter hereof, or the interpretation or enforcement hereof (the "Dispute"), the parties shall engage in informal, good faith discussions and attempt to resolve the Dispute. In connection therewith, upon written notice of either party, each of the parties will appoint a designated officer whose task it shall be to meet for the purpose of attempting to resolve such Dispute. The designated officers shall meet as often as the parties shall deem to be reasonably necessary. Such officers will discuss the Dispute. If the parties are unable to resolve the Dispute in accordance with this Section 10, and in the event that either of the parties concludes in good faith that amicable resolution through continued negotiation with respect to the Dispute is not reasonably likely, then the parties may mutually agree to submit to binding or nonbinding arbitration or mediation.

**11. MISCELLANEOUS.**

11.1 **Assignment.** Neither party may assign all or any portion of this Agreement without the prior written consent of the other, provided, however, the City hereby acknowledges and agrees that the execution (as outlined in Exhibit F), delivery and performance of Redflex's rights pursuant to this Agreement shall require a significant investment by Redflex, and that in order to finance such investment, Redflex may be required to enter into certain agreements or arrangements ("Financing Transactions") with equipment lessors, banks, financial institutions or other similar persons or entities (each, a "Financial Institution" and collectively, "Financial Institutions"). The City hereby agrees that Redflex shall have the right to assign, pledge, hypothecate or otherwise transfer ("Transfer") its rights, or any of them, under this Agreement to any Financial Institution in connection with any Financing Transaction between Redflex and any such Financial Institution, subject to the City's prior written approval, which approval shall not be unreasonably withheld or delayed. The City further acknowledges and agrees that in the event that Redflex provides written notice to the City that it intends to Transfer all or any of Redflex's rights pursuant to this Agreement, and in the event that the City fails to provide such approval or fails to object to such Transfer within forty-five (45) business days after its receipt of such notice from Redflex, for the purposes of this Agreement, the City shall be deemed to have consented to and approved such Transfer by Redflex. Notwithstanding the above, this Agreement shall inure to the benefit of, and be binding upon, the parties hereto, and their respective successors or assigns.

11.2 **MOST FAVORED CUSTOMER**

For the complete period covered by this Agreement, Redflex represents that all of the prices, terms, warranties, benefits and conditions granted by Redflex herein are comparable to or better than the same offered by it to any present or future Customer of Redflex within San Diego County. In the event the City in its sole discretion determines otherwise, the City may compel Redflex to execute an amendment to this Agreement so that City may receive the same price, term, warranty, benefit or condition enjoyed by said present or future customer.

11.3 **RELATIONSHIP BETWEEN REDFLEX AND THE CITY.** Nothing in this Agreement shall create, or be deemed to create, a partnership, joint venture or the relationship of principal and agent or employer and employee between the parties. The relationship between the parties shall be that of independent contractors,



and nothing contained in this Agreement shall create the relationship of principal and agent or otherwise permit either party to incur any debts or liabilities or obligations on behalf of the other party (except as specifically provided herein).

- 11.4 **AUDIT RIGHTS.** Each of parties hereto shall have the right to audit the books and records of the other party hereto (the "Audited Party") solely for the purpose of verifying the payments, if any, payable pursuant to this Agreement. Any such audit shall be conducted upon not less than forty-eight (48) hours' prior notice to the Audited Party, at mutually convenient times and during the Audited Party's normal business hours. Except as otherwise provided in this Agreement, the cost of any such audit shall be borne by the non-Audited Party. In the event any such audit establishes any underpayment of any payment payable by the Audited Party to the non-Audited Party pursuant to this Agreement, the Audited Party shall promptly pay the amount of the shortfall, and in the event that any such audit establishes that the Audited Party has underpaid any payment by more than twenty five percent (25%) of the amount of actually owing, the cost of such audit shall be borne by the Audited Party. In the event any such audit establishes any overpayment by the Audited Party of any payment made pursuant to this Agreement, non-Audited Party shall promptly refund to the Audited Party the amount of the excess.
- 11.5 **FORCE MAJEURE.** Neither party will be liable to the other or be deemed to be in breach of this Agreement for any failure or delay in rendering performance arising out of causes beyond its reasonable control and without its fault or negligence. Such causes may include but are not limited to, acts of God or the public enemy, terrorism, significant fires, floods, earthquakes, epidemics, quarantine restrictions, strikes, freight embargoes, or Governmental Authorities approval delays which are not caused by any act or omission by Redflex, and unusually severe weather. The party whose performance is affected agrees to notify the other promptly of the existence and nature of any delay.
- 11.6 **ENTIRE AGREEMENT.** This Agreement represents the entire Agreement between the parties, and there are no other agreements (other than invoices and purchase orders), whether written or oral, which affect its terms. This Agreement may be amended only by a subsequent written agreement signed by both parties.
- 11.7 **SEVERABILITY.** If any provision of this Agreement is held by any court or other competent authority to be void or unenforceable in whole or part, this Agreement shall continue to be valid as to the other provisions thereof and the remainder of the affected provision.
- 11.8 **WAIVER.** Any waiver by either party of a breach of any provision of this Agreement shall not be considered as a waiver of any subsequent breach of the same or any other provision thereof.
- 11.9 **CONSTRUCTION** Except as expressly otherwise provided in this Agreement, this Agreement shall be construed as having been fully and completely negotiated and neither the Agreement nor any provision thereof shall be construed more strictly against either party.
- 11.10 **HEADINGS.** The headings of the sections contained in this Agreement are included herein for reference purposes only, solely for the convenience of the

parties hereto, and shall not in any way be deemed to affect the meaning, interpretation or applicability of this Agreement or any term, condition or provision hereof.

- 11.11 **EXECUTION AND COUNTERPARTS.** This Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute only one instrument. Any one of such counterparts shall be sufficient for the purpose of proving the existence and terms of this Agreement, and no party shall be required to produce an original or all of such counterparts in making such proof.
- 11.12 **COVENANT OF FURTHER ASSURANCES.** All parties to this Agreement shall, upon request, perform any and all acts and execute and deliver any and all certificates, instruments and other documents that may be necessary or appropriate to carry out any of the terms, conditions and provisions hereof or to carry out the intent of this Agreement.
- 11.13 **REMEDIES CUMULATIVE.** Each and all of the several rights and remedies provided for in this Agreement shall be construed as being cumulative and no one of them shall be deemed to be exclusive of the others or of any right or remedy allowed by law or equity, and pursuit of any one remedy shall not be deemed to be an election of such remedy, or a waiver of any other remedy.
- 11.14 **BINDING EFFECT.** This Agreement shall inure to the benefit of and be binding upon all of the parties hereto and their respective executors, administrators, successors and permitted assigns.
- 11.15 **COMPLIANCE WITH LAWS.** Nothing contained in this Agreement shall be construed to require the commission of any act contrary to law, and whenever there is a conflict between any term, condition or provision of this Agreement and any present or future statute, law, ordinance or regulation contrary to which the parties have no legal right to contract, the latter shall prevail, but in such event the term, condition or provision of this Agreement affected shall be curtailed and limited only to the extent necessary to bring it within the requirement of the law, provided that such construction is consistent with the intent of the Parties as expressed in this Agreement.
- 11.16 **NO THIRD PARTY BENEFIT.** Nothing contained in this Agreement shall be deemed to confer any right or benefit on any Person who is not a party to this Agreement.
- 11.17 **INJUNCTIVE RELIEF; SPECIFIC PERFORMANCE.** The parties hereby agree and acknowledge that a breach of Sections 4.1 (License), 4.3 (Restricted Use) or 7 (Confidentiality) of this Agreement would result in severe and irreparable injury to the other party, which injury could not be adequately compensated by an award of money damages, and the parties therefore agree and acknowledge that they shall be entitled to injunctive relief in the event of any breach of any material term, condition or provision of this Agreement, or to enjoin or prevent such a breach, including without limitation an action for specific performance hereof.
- 11.18 **APPLICABLE LAW.** This Agreement shall be governed by and construed in all respects solely in accordance with the laws of the State of California, United States.

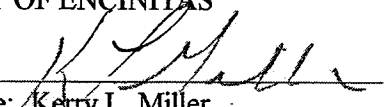
11.19 JURISDICTION AND VENUE. Any dispute arising out of or in connection with this Agreement shall be submitted to the exclusive jurisdiction and venue of the courts located in the County of San Diego, California and both parties specifically agree to be bound by the jurisdiction and venue thereof.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first set forth above.

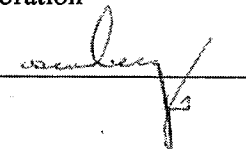
“City”

CITY OF ENCINITAS

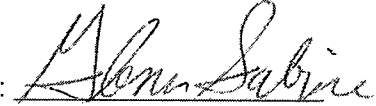
By:   
Name: Kerry L. Miller  
Title: City Manager

“Redflex”

REDFLEX TRAFFIC SYSTEMS, INC.,  
a Delaware corporation

By:   
Name:  
Title:

APPROVED AS TO FORM:

By: 

**EXHIBIT "A"**  
**Designated Intersection Approaches**

The contract is for the implementation of up to 10 intersections with up to 20 approaches. Identification of enforced intersection will be as directed by the City, as warranted by community safety and traffic needs, as well as Engineering intersection analysis.

The primary intersections under consideration for automated enforcement include, but are not limited to:

|     |                 |                        |
|-----|-----------------|------------------------|
| 1.  | Encinitas Blvd. | Westlake/Quail Gardens |
| 2.  | El Camino Real  | Old Target Ctr         |
| 3.  | Encinitas Blvd. | Vulcan Ave.            |
| 4.  | El Camino Real  | Encinitas Blvd.        |
| 5.  | Encinitas Blvd. | Via Cantabria          |
| 6.  | Encinitas Blvd. | Calle Magdalena        |
| 7.  | El Camino Real  | Olivenhain Road        |
| 8.  | El Camino Real  | Mtn. Vista Dr.         |
| 9.  | Manchester Ave. | Mira Costa College     |
| 10. | Leucadia Blvd.  | Town Center Pl.        |

EXHIBIT "B"

Construction and Installation Obligations

Timeframe for Installation

Redflex will have each specified intersection installed and activated in phases in accordance with an implementation plan to be mutually agreed to by Redflex Traffic Systems and the Municipality.

Redflex will use reasonable commercial efforts to install the system in accordance with the schedule set forth in the implementation plan that will be formalized upon project commencement.

Redflex will use reasonable commercial efforts to install and activate the first specified intersection (with a minimum of 2 approaches) within the first sixty (60) days subsequent to the date of this contract. Redflex will conduct video monitoring, of intersections and/or approaches, analyze the number of violations, and provide the City with such data and analysis within 30 days of receiving a request for same from the City. Redflex will use reasonable efforts to install and activate all other intersections and/or approaches within 60 days of issuance of a Notice to Proceed (Change Order) by the City. The Municipality agrees that the estimated timeframe for installation and activation are subject to conditions beyond the control of Redflex and are not guaranteed.

1. Redflex Obligations. Redflex shall do or cause to be done each of the following (in each case, unless otherwise stated below, at Redflex's sole expense):
  - 1.1. Appoint the Redflex Project Manager and a project implementation team consisting of between one (1) and four (4) people to assist the Redflex Project Manager;
  - 1.2. Request current "as-built" engineering drawings for the Designated Intersection Approaches (the "Drawings") from the city traffic engineer;
  - 1.3. Develop and submit to the City for approval construction and installation specifications in reasonable detail for the Designated Intersection Approaches, including but not limited to specifications for all radar sensors, pavement loops, electrical connections and traffic controller connections, as required;
  - 1.4. Seek approval from the relevant Governmental Authorities having authority or jurisdiction over the construction and installation specifications for the Designated Intersection Approaches (collectively, the "Approvals"), which will include compliance with City permit applications.
  - 1.5. Finalize the acquisition of the Approvals;
  - 1.6. Submit to the City a public awareness strategy for the City's consideration and approval, which strategy shall include media and educational materials for the City's approval or amendment (the "Awareness Strategy");
  - 1.7. Develop the Redlight Violation Criteria in consultation with the City;
  - 1.8. Develop the Enforcement Documentation for approval by the City, which approval shall not be unreasonably withheld;
  - 1.9. Complete the installation and testing of all necessary Equipment, including hardware and software, at the Designated Intersection Approaches (under the supervision of the City);

- 1.10. Cause an electrical sub-contractor to complete all reasonably necessary electrical work at the Designated Intersection Approaches, including but not limited to the installation of all related Equipment and other detection sensors, poles, cabling, telecommunications equipment and wiring, which work shall be performed in compliance with all applicable local, state and federal laws and regulations;
  - 1.11. Install and test the functionality of the Designated Intersection Approaches with the Redflex System and establish fully operational Violation processing capability with the Redflex System;
  - 1.12. Implement the use of the Redflex System at each of the Designated Intersection Approaches;
  - 1.13. Deliver the Materials to the City;
  - 1.14. Issue "warning letters" for Authorized Violations which occurred at each Designated Intersection Approach during the Warning Period;
  - 1.15. During the Warning Period, Redflex shall provide training (i) for up to fifteen (15) personnel of the City, including but not limited to the persons who City shall appoint as Authorized Officers and other persons involved in the administration of the Redlight Photo Enforcement Program, (ii) for at least sixteen (16) hours in the aggregate, (iii) regarding the operation of the Redflex System and the Redlight Photo Enforcement Program, which training shall include training with respect to the Redflex System and its operations, strategies for presenting Violations Data in court and judicial proceedings and a review of the Enforcement Documentation;
  - 1.16. Interact with court and judicial personnel to address issues regarding the implementation of the Redflex System, the development of a subpoena processing timeline that will permit the offering of Violations Data in court and judicial proceedings, the establishment of a court hearing schedule for adjudicating upon Citations, and coordination between Redflex, the City and juvenile court personnel; and
  - 1.17. Provide reasonable public relations resources and media materials to the City in the event that the City elects to conduct a public launch of the Redlight Photo Enforcement Program.
2. **CITY OBLIGATIONS.** the City shall do or cause to be done each of the following (in each case, unless otherwise stated below, at City's sole expense):
- 2.1.1. Appoint the Project Manager and Authorized Officer;
  - 2.1.2. Assist Redflex in obtaining the Drawings from the relevant Governmental Authorities;
  - 2.1.3. Notify Redflex of any specific requirements relating to the construction and installation of any Intersection Approaches or the implementation of the Redlight Photo Enforcement Program;
  - 2.1.4. Provide assistance to Redflex in obtaining access to the records data of the Department of Motor Vehicles in Redflex's capacity as an independent contractor to the City;
  - 2.1.5. Assist Redflex in seeking the Approvals

- 2.1.6. Provide reasonable access to the City's properties and facilities in order to permit Redflex to install and test the functionality of the Designated Intersection Approaches and the Redlight Photo Enforcement Program;
- 2.1.7. Provide reasonable access to the personnel of the City and reasonable information about the specific operational requirements of such personnel for the purposes of performing training;
- 2.1.8. Provide the services of necessary personnel during the Warning Period;
- 2.1.9. Seek approval or amendment of Awareness Strategy and provide written notice to Redflex with respect to the quantity of media and program materials (the "Materials") that the City will require in order to implement the Awareness Strategy during the period commencing on the date on which Redflex begins the installation of any of the Designated Intersection Approaches and ending one (1) month after the Installation Date;
- 2.1.10. Assist Redflex in developing the Redlight Violation Criteria; and
- 2.1.11. Seek approval of the Enforcement Documentation.



**EXHIBIT "C"**  
**MAINTENANCE**

1. All repair and maintenance of camera systems and all related equipment will be the sole responsibility of Redflex, including but not limited to maintaining the casings of the cameras included in the Redflex System and all other Equipment in reasonably clean and graffiti-free condition.
2. Redflex shall not open the Traffic Signal Controller Boxes without a representative of City Traffic Engineering present.
3. The provision of all necessary electrical and telephone services to the Designated Intersection Approaches will be the sole responsibility of the City.
4. The Redflex Project Manager (or a reasonable alternate) shall be available to the Project Manager each day, on a reasonable best efforts basis.

**EXHIBIT "D"**  
**COMPENSATION & PRICING**

Compensation shall be in the form of a Fixed Fee of \$5,370 per month per Intersection Approach beginning at the conclusion of the 30-day Warning Period and continuing until contract expiration or termination, in accordance with the provisions as set forth herein. Redflex shall invoice the City monthly. The monthly fee shall be reduced on a prorated basis for any hours or days when any system is not fully operational.

**BUSINESS ASSUMPTIONS FOR ALL PRICING OPTIONS:**

1. Redflex construction will be able to utilize existing conduit for installation where space is available. Where it is determined by both parties that additional conduit is necessary, the cost shall be born by Redflex, however, the City shall provide at no cost the necessary encroachment permits.
2. The City agrees to pay Redflex within thirty (30) days after the invoice is received. A monthly late fee of 1.5% is payable for payments past due 60 days.
3. Prices do not include supply of power and supply of DSL, cable or other broadband services. The City shall be solely responsible for power and communication infrastructure.
4. Once each year on the anniversary date of the contract, the pricing will increase by the CPI. CPI will be derived from the publication of the U.S. Department of Labor Consumer Price Index for U.S. City average. The index to be used is the 'West A'. (1,500,000 residents or more)
5. An 8% annual downtime will be permitted for regularly scheduled routine maintenance by Provider, so long as such maintenance is performed on non-peak, midweek days (Tuesday through Thursday). Any pro-rata rate adjustment will not apply to the 8% downtime for regular maintenance. Redflex shall provide said schedule to Project Manager no later than the last day of each calendar month for the following months regularly scheduled maintenance.

Exhibit "E"

Additional Rights and Obligations

1. Redflex and the City shall respectively have the additional rights and obligations set forth below:
2. Redflex shall assist the City in public information and education efforts, including but not limited to the development of artwork for utility bill inserts, press releases and schedules for any public launch of the Redlight Photo Enforcement Program (actually print and production costs are the sole responsibility of the City).
3. The City shall be solely responsible for the fabrication of any signage, notices or other postings required pursuant to any law, rule or regulation of any Governmental Authority ("Signage"), including but not limited to the Vehicle Code, and shall assist in determining the placement of such Signage, and the City hereby acknowledges and agrees that the City shall be solely responsible for installing such Signage.
4. The City shall be solely responsible for the installation of LED lights at enforced intersections.
5. The Redflex Project Manager, the Authorized Officer, and the Project Manager shall meet on a weekly basis during the period commencing as of the date of execution hereof and ending on the Installation Date, and on a monthly basis for the remainder of the Term, at such times and places as the Redflex Manager and the City Manager shall mutually agree in the City of Encinitas.
6. The City shall not access the Redflex System or use the Redlight Photo Enforcement Program in any manner other than prescribed by law and which restricts or inhibits any other Person from using the Redflex System or the Redflex Photo Enforcement Program with respect to any Intersection Approaches constructed or maintained by Redflex for such Person, or which could damage, disable, impair or overburden the Redflex System or the Redflex Photo Enforcement Program, and the City shall not attempt to gain unauthorized access to (i) any account of any other Person, (ii) any computer systems or networks connected to the Redflex System, or (iii) any materials or information not intentionally made available by Redflex to the City by means of hacking, password mining or any other method whatsoever, nor shall the City cause any other Person to do any of the foregoing.
7. The City shall maintain the confidentiality of any username, password or other process or device for accessing the Redflex System or using the Redlight Photo Enforcement Program.
8. Each of Redflex and the City shall advise each other in writing with respect to any applicable rules or regulations governing the conduct of the other on or with respect to the property of such other party, including but not limited to rules and regulations relating to the safeguarding of confidential or proprietary information, and when so advised, each of Redflex and the City shall obey any and all such rules and regulations.
9. The City shall promptly reimburse Redflex for the cost of repairing or replacing any portion of the Redflex System, or any property or equipment related thereto, damaged directly or indirectly by the City, or any of its employees, contractors or agents.

### Insurance

1. During the Term, Redflex shall procure and maintain and Redflex's sole cost and expense the following insurance coverage with respect to claims for injuries to persons, errors and omissions, or damages to property which may arise from or in connection with the performance of work or services pursuant to this Agreement by Redflex, and each of Redflex's subcontractors, agents, representatives and employees:
2. Commercial General Liability Insurance. Commercial General Liability Insurance with coverage of not less than One Million Dollars (\$1,000,000) combined single limit per occurrence for bodily injury, errors and omissions, and property damage;
3. Commercial Automobile Liability Insurance. Commercial Automobile Liability Insurance with coverage of not less than One Million Dollars (\$1,000,000) combined single limit per occurrence for bodily injury or property damage, including but not limited to coverage for all automobiles owned by Redflex, hired by Redflex, and owned by third parties;
4. Professional Liability (Errors and Omissions) Insurance. Redflex will procure and maintain Professional Liability (Errors and Omissions) Insurance with coverage of not less than One Million Dollars (\$1,000,000) per occurrence and in the aggregate.
5. Workers' Compensation and Employer's Liability Insurance. Workers' Compensation Insurance with coverage of not less than the limits required by the Labor Code of the State of California, Employer's Liability Insurance with coverage of not less than One Million Dollars (\$1,000,000) per occurrence.
6. With respect to the insurance described in Exhibit E, any deductibles or self-insured retentions must be declared to and approved by the City, and any changes to such deductibles or self-insured retentions during the Term must be approved in advance in writing by the City.
7. With respect to the Commercial General Liability Insurance described in this Exhibit, the following additional provisions shall apply:
8. The City Parties shall be covered as additional insureds with respect to any liability arising from any act or omission of any Redflex Parties on the premises upon which any such Redflex Parties may perform services pursuant to this Agreement, liability and property coverage and such coverage shall contain no special limitations on the scope of protection afforded to such additional insureds.
9. The insurance coverage procured by Redflex and described above shall be the primary insurance with respect to the City Parties in connection with this Agreement, and any insurance or self-insurance maintained by any of the City Parties shall be in excess, and not in contribution to, such insurance.
10. Any failure to comply with the reporting provisions of the various insurance policies described above shall not affect the coverage provided to the City Parties, and such insurance policies shall state that such insurance coverage shall apply separately with respect to each additional insured against whom any claim is made or suit is brought. The lapse of any required insurance or insurance which is inadequate pursuant to this Agreement shall not relieve Redflex of any liability whatsoever.

11. With respect to the insurance described in this Exhibit, each such insurance policy shall be endorsed to state that the coverage provided thereby shall not be cancelled except after thirty (30) calendar days' prior written notice to the City. If any of the Redflex Parties are notified by any insurer that any insurance coverage will be cancelled, Redflex shall immediately provide written notice thereof to the City and shall take all necessary actions to correct such cancellation in coverage limits, and shall provide written notice to the City of the date and nature of such correction. If Redflex, for any reason, fails to maintain the insurance coverage required pursuant to this Agreement, such failure shall be deemed a material breach of this Agreement, and the City shall have the right, but not the obligation and exercisable in its sole discretion, to either (i) terminate this Agreement and seek damages from Redflex for such breach, or (ii) purchase such required insurance, and without further notice to Redflex, deduct from any amounts due to Redflex pursuant to this Agreement, any premium costs advance by the City for such insurance.
12. Redflex shall provide certificates of insurance and additional insured endorsements evidencing the insurance required pursuant to the terms of this Agreement, which certificates shall be executed by an authorized representative of the applicable insurer, and which certificates and additional insured endorsements shall be delivered to the City prior to Redflex commencing any work pursuant to the terms of this Agreement.

Exhibit F  
FORM OF ACKNOWLEDGMENT AND CONSENT

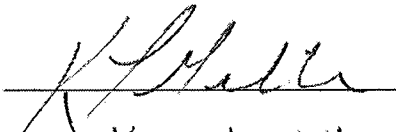
THIS ACKNOWLEDGMENT AND CONSENT is entered into by and between the City of ENLINITAS (the "City") and Redflex Traffic Systems, Inc. ("Redflex"), dated February 9, 2004, related to that certain Agreement dated February 9, 2004, by and between the City and Redflex (the "Agreement") which hereby acknowledges, consents and agrees to the following (the "Consent"):

1. Redflex has financed certain operations and equipment related to its business, including but not limited to camera systems, housing and poles (the "Equipment") through certain lenders (the "Lenders"). Redflex has granted to Lenders a security interest in the Equipment, related property including software and proceeds thereto as collateral for the performance when due of its obligations to Lenders. Redflex desires to assign all of its rights, but none of its liabilities or obligations under the Agreement (the "Assignment") to [Insert Name], as collateral agent for the Lenders (the "Collateral Agent"). Redflex will not, by virtue of the Assignment, be relieved of any liability or obligation under the Agreement or otherwise, and neither Collateral Agent nor Lenders are assuming any liabilities or obligations under the Agreement. City hereby acknowledges notice of the Assignment and hereby consents thereto and to assignment to any similar subsequent financing party of Redflex, and further acknowledges that Collateral Agent or Lenders, and their respective successors and assigns, and any other subsequent future lender, may assign the rights received from Redflex.
2. Redflex hereby authorizes City upon Collateral Agent's written request to make any payments due to Redflex under the Agreement directly to Collateral Agent, c/o [Insert Address], or to whomever Collateral Agent may from time to time direct in writing.
3. City acknowledges that the attached Exhibit A is a true, correct and complete copy of the Agreement.
4. City agrees that City shall not assert against Collateral Agent and Lenders any right or claim of set off, recoupment, counterclaim or other defense in respect of amounts or obligations owed by Collateral Agent and Lenders to City against amounts or obligations that City owes to Collateral Agent and Lenders under the Agreement.
5. In accordance with this Agreement, this Consent shall be deemed to be notice to City. In the event that City fails to provide such approval or object to this Consent within a reasonable time which shall include at least three weeks prior to the next City Council meeting; including this City Council meeting; and three days following the meeting after its receipt of such notice from Redflex, for the

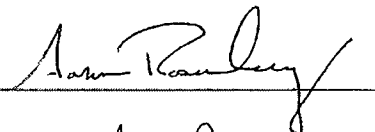
purposes of this Agreement, the City shall be deemed to have consented to and approved this Consent.

IN WITNESS THEREOF, each of the undersigned have caused this Acknowledgment and Consent to be executed by their duly elected officers duly authorized as of the date first above written.

CITY OF ENCINITAS

By:   
Print Name: Kerry L. Miller  
Title: City Manager  
Date: 2-9-04  
Address: 505 S. Vulcan Ave.  
Encinitas, CA 92024

REFLEX TRAFFIC SYSTEMS INC.

By:   
Print Name: AARON ROSENBERG  
Title: VICE PRESIDENT  
Date: 1-30-04  
Address: 6047 BRISTOL PKWY  
LIVERMORE CITY CA 94530



**FIRST EXTENSION TO CONTRACT AND AMENDMENT TO  
AGREEMENT BETWEEN THE CITY OF ENCINITAS AND REDFLEX  
TRAFFIC SYSTEMS, INC (CALIFORNIA) FOR PHOTO RED LIGHT  
ENFORCEMENT PROGRAM**

**PARTIES AND DATE**

This first Amendment (“Amendment”) and extension of term is made and entered into this 28<sup>TH</sup> day of January, 2009. This amendment and extension of term is made and entered into by and between Redflex Traffic Systems, Inc (“Redflex”); a corporation with offices at 6047 Bristol Parkway 1<sup>st</sup> Floor, Culver City, California 90230 (“Redflex”), and the Encinitas, a municipal corporation, with offices at 505 S. Vulcan Avenue, Encinitas, California 92024 (the “Customer”).

WHEREAS, Redflex and the Customer have previously entered into an agreement dated 9<sup>th</sup> Day of February 2004 (hereafter referred to as the “Agreement”); and

WHEREAS, under the Agreement, Redflex provides certain services to the Customer concerning the use of traffic cameras to enforce certain traffic violations in order to improve traffic safety by reducing red-light violations; and

WHEREAS, Redflex and the Customer wish to amend the Agreement and the city exercise its rights to extend the agreement as permitted by the terms of the Agreement;

NOW THEREFORE, in consideration of mutual promises and obligations set forth herein, the parties hereto agree as follows:

1. The City of Encinitas exercises its right to extend the term of the Agreement for 1 year effective 9 February 2009 as set forth in Item 2. **“TERM”**
2. The parties agree to modify the Agreement with respects to the terms set forth in Item 6. TERMINATION as amended herein

Paragraph 6.1 Termination. Immediately following the heading “6.1 Termination” is amended to read in its entirety:

“Either party shall have the right to terminate this Agreement immediately by written notice to the other if (i) the other party commits any breach of any of the provisions of this Agreement which breach is not remedied within forty-five (45) calendar days (or within such other time period as the City and Redflex shall mutually agree, which agreement shall not be unreasonably withheld or delayed) after written notice from the non-breaching party setting forth in reasonable detail the events which caused the breach or (ii) State or Federal law prohibits or substantially changes the operation of the red light photo enforcement systems, (including legislation rendering Redflex systems evidence inadmissible in a court of competent jurisdiction, or (iii) either party may terminate this Agreement for convenience for any cause whatsoever upon delivery of 60 days notice to terminate upon the other party. The rights to terminate this

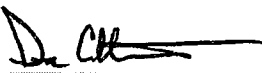
Agreement given in this Section 6.1 shall be without prejudice to any other right or remedy of either party in respect of the breach concerned (if any) or any other breach of this Agreement.”


**All other provisions of the Agreement shall remain in full force and effect.**

**IN THE WITNESS WHEREOF**, the parties hereto have executed the Amendment as of the first date first set forth above.

**CITY OF ENCINITAS**

**REFLEX TRAFFIC SYSTEMS, INC.,**

By: 

By: 

Cristina Weekes  
Executive Vice President  
Sales, Marketing and Governmental Affairs

**SECOND EXTENSION TO CONTRACT TO  
AGREEMENT BETWEEN THE CITY OF ENCINITAS AND REDFLEX  
TRAFFIC SYSTEMS, INC (CALIFORNIA) FOR PHOTO RED LIGHT  
ENFORCEMENT PROGRAM**

**PARTIES AND DATE**

This second extension of term is made and entered into this 25<sup>TH</sup> day of January, 2010. This extension of term is made and entered into by and between Redflex Traffic Systems, Inc ("Redflex"); a corporation with offices at 6076 Bristol Parkway, Suite 106, Culver City, California 90230 ("Redflex"), and the City of Encinitas, a municipal corporation, with offices at 505 S. Vulcan Avenue, Encinitas, California 92024 (the "Customer").

WHEREAS, Redflex and the Customer have previously entered into an agreement dated February 9, 2004 (hereafter referred to as the "Agreement"); and

WHEREAS, Redflex and the Customer have previously amended the Agreement and extended the term by 1 year dated January 28, 2009; and

WHEREAS, under the Agreement, Redflex provides certain services to the Customer concerning the use of traffic cameras to enforce certain traffic violations in order to improve traffic safety by reducing red-light violations; and


WHEREAS, the Customer wishes to exercise its rights to extend the Agreement as permitted by the terms of the Agreement;

NOW THEREFORE, in consideration of mutual promises and obligations set forth herein, the parties hereto agree as follows:

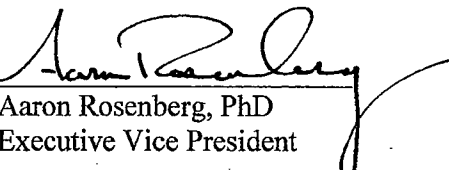
1. The City of Encinitas exercises its right to extend the term of the Agreement for 1 year effective February 9, 2010 as set forth in Item 2. **"TERM"**
2. Each and every other term, condition or provision of the Agreement shall remain in full force and effect.

**IN THE WITNESS WHEREOF**, the parties hereto have executed the Amendment as of the first date first set forth above.

**CITY OF ENCINITAS**

By:   
P.E. Cotton  
City Manager

**REDFLEX TRAFFIC SYSTEMS, INC.,**

By:   
Aaron Rosenberg, PhD  
Executive Vice President

CON0973T

**SECOND AMENDMENT TO AGREEMENT BETWEEN THE CITY OF ENCINITAS  
AND REDFLEX TRAFFIC SYSTEMS, INC. (CALIFORNIA) FOR  
PHOTO RED LIGHT ENFORCEMENT PROGRAM**

This Agreement ("Agreement") is made and entered into this 8<sup>TH</sup> day of February, 2011. This amendment is made and entered into by and between Redflex Traffic Systems, Inc., a California corporation with offices at 6076 Bristol Parkway, Culver City, California 90230 ("Redflex"), and the City of Encinitas, a municipal corporation, with offices at 505 S. Vulcan Avenue, Encinitas, California (the "Customer").

WHEREAS, Redflex and the Customer have previously entered into an agreement dated 9<sup>th</sup> Day of February 2004 (hereafter referred to as the "Agreement"); and

WHEREAS Redflex and the Customer have previously amended the Agreement and extended the Term by 1 year dated January 28, 2009; and

WHEREAS Redflex and the Customer have previously amended the Agreement and extended the Term an additional 1 year dated January 25, 2010; and

WHEREAS, under the Agreement, Redflex provides certain services to the Customer concerning the use of traffic cameras to enforce certain traffic violations in order to improve traffic safety by reducing red-light violations; and

WHEREAS Redflex and the Customer wish to amend the Agreement;

NOW THEREFORE, in consideration of mutual promises and obligations set forth herein, the parties agree that the Agreement shall be amended as follows:

**AGREEMENT**

1. Paragraph 2 of the Agreement, entitled "TERM", is amended in its entirety to read as follows:

"From the executed date of the Second Amendment, the term of this Agreement will continue for a period of seven (7) years (the "Initial Term"). The Customer shall have the right, but not the obligation, to extend the term of this Agreement for up to three (3) additional consecutive one (1) year periods following the expiration of the Initial Term (each a Renewal Term" and collectively with the Initial Term, the ("Term"). The Customer may exercise the right to extend the term of this Agreement for a Renewal Term by providing written notice to Redflex not less than thirty (30) days prior to the last day of the initial Term or the Renewal Term, as the Case may be."

2. Exhibit "D" is replaced in its entirety with the attached revised Exhibit "D". Revised Exhibit "D" shall become operative upon the executed date of this Agreement.
3. All other provisions of the Agreement shall remain in full force and effect.

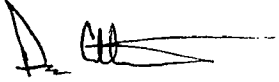
**IN THE WITNESS WHEREOF**, the parties hereto have executed the Amendment as of the first date set forth above.

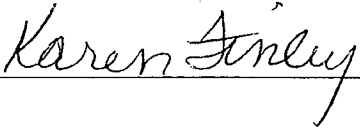
"Customer"

"Redflex"

**CITY OF ENCINITAS**

**REDFLEX TRAFFIC SYSTEMS, INC.**

By:  \_\_\_\_\_

By:  \_\_\_\_\_

P. E. Cotton  
City Manager

Karen Finley  
President & CEO

**EXHIBIT "D"**  
**COMPENSATION AND PRICING**

Tier One Pricing: Commencing on the execution of this Agreement, Customer shall be obligated to pay Redflex a fixed monthly fee of \$5932.98 per Intersection Approach through 30 June, 2011. Commencing on 1 July, 2011, Customer shall be obligated to pay Redflex a fixed monthly fee of \$3700.00 per Intersection Approach and continuing until contract expiration or termination in accordance with the provisions as set forth herein for the continued operation of the following approaches:

El Camino Real and Encinitas Blvd, Northbound  
El Camino Real and Encinitas Blvd, Eastbound  
Leucadia Blvd/Olivenhain Road and El Camino Real, Westbound

Tier Two Pricing: At the expiration of the Warning Period, Customer shall be obligated to pay Redflex a fixed monthly fee of \$6070.00 per additional Intersection Approach and continuing until contract expiration or termination in accordance with the provisions as set forth herein.

Redflex shall invoice the Customer monthly. The monthly fee shall be reduced on a prorated basis for any system that is not fully operational for a period over 48 hours unless such period is as a result of actions on the part of the Customer or its agents.

**BUSINESS ASSUMPTIONS FOR ALL PRICING OPTIONS**

1. Redflex construction will be able to utilize existing conduit for installation where space is available. Where it is determined by both parties that additional conduit is necessary, the cost shall be born by Redflex; however, the Customer shall provide at no cost the necessary encroachment permits.
2. The Customer agrees to pay Redflex within thirty (30) days after the invoice is received. A monthly late fee of 1.5% is payable for payments past due 60 days.
3. Prices do not include supply of power and supply of DSL, cable or other broadband services. The Customer shall be solely responsible for power and communication infrastructure.
4. Each year, on the anniversary date of this Agreement, the pricing will increase by the CPI. The CPI will be derived from the publication of the U.S. Department of Labor Consumer Price Index for U.S. City average. The index to be used is the "West A" (1,500,000 residents or more).
5. An 8% annual downtime will be premitted for regularly scheduled routine maintenance by Provider, so long as such maintenance is performed on non-peak, midweek days (Tuesday through Thursday). Any pro-rata rate adjustment will not apply to the 8% downtime for regular maintenance.

6. If a system is deactivated at the Customer's request due to roadway construction, the monthly fee will continue.
7. Upon mutual agreement that upgrades to existing facial cameras would significantly improve the prosecution of violations, Redflex will upgrade face cameras where appropriate at no cost to the Customer.
8. Twelve (12) months after the implementation of this Agreement, and annually thereafter, both parties will meet and evaluate financial feasibility of the program. Based on generally accepted accounting principles (consideration of Customer costs for the CSO, invoicing and revenues received), if the Customer and Redflex determine that the program is not financially feasible to maintain, the Customer will have the right to terminate the contract and Redflex shall have the right to remedy the cause for termination within forty-five (45) calendar days (or within such other time period as the Customer and Redflex shall mutually agree) after written notice from the Customer. Said evaluation of financial feasibility will not apply to newly installed approaches until twelve (12) months after the first citation issuance to allow for court process and billing procedures.
9. Should current standards related to red light camera enforcement undergo significant changes as a result of legislative action, both parties will meet to evaluate the effect of the change in accordance with the guidelines of paragraph 7 above.

# Attachment B

November 26, 2012 Traffic Commission Minutes



**CITY OF ENCINITAS  
TRAFFIC COMMISSION MINUTES**

**Meeting Date: November 26, 2012, 5:30 p.m.**

**1. CALL TO ORDER/ROLL CALL (called to order 5:30 p.m.)**

Present: Chairperson James Lindsay, Vice-Chairperson Catherine Blakespear,  
Commissioners Peter Kohl, Arnold Lewin, and Stephen Schorr

Absent: None

Also Present: Rob Blough, Traffic Engineer  
Thomas Castillo, First Transit (representing NCTD)  
Joseph Walters, Traffic Engineering Intern  
Trish Douglas, Traffic Engineering Program Assistant

**2. PLEDGE OF ALLEGIANCE**

Blakespear led the Pledge of Allegiance.

**3. ANNOUNCEMENTS**

- A. Blough stated that a contractor is in the process of conducting dig-outs on Coast Highway. The current schedule is to slurry and stripe the Coast Highway between December 13<sup>th</sup> through the 15<sup>th</sup>; weather permitting. This includes the lane drop in the northbound direction north of Leucadia Blvd., the southbound sharrows from La Costa to K St., and the northbound sharrows from K St. to Leucadia Blvd.

**4. ORAL COMMUNICATIONS**

Eric Blehm – spoke regarding speeds on Birmingham Drive. His son was hit by a car three weeks ago. There is nothing to slow drivers. Many children cross the street as a means of getting to Cardiff School. Crosswalk doesn't slow drivers when pedestrians are crossing. Round-a-bouts might be a possibility to slow the traffic; or possibly a stop sign.

Joy Sheppard – her children go to Cardiff School and must cross a very busy Birmingham Drive. She wants something done to make the street safer. She mentioned the possibility of a flashing light system which would alert drivers to yield to pedestrians.

Jason Daniels - is the president of the PTA for the Cardiff School District. The speeding on Birmingham is not the only problem in Cardiff. He has been told by the Sheriff Dept. that they don't have enough man power to provide enforcement more than on a sporadic basis at this time. Daniels wants more Sheriff presence in the community. An immediate fix is needed as well as a long term solution. The crossing guard at the school site has almost been hit three times while working near the school. He has asked for additional crossing guards, but the school is concerned about the liability of placing a crossing guard at Montgomery and Birmingham.

Blough asked Daniels exactly where/when he would like Sheriff presence. Daniels stated that Birmingham is the big concern at 8 a.m. and 2:30 p.m.; however at 8 p.m. at night, people are speeding up and down Liverpool. The safety of the children is most important. The intersection that is mainly used by school children is Birmingham and Montgomery; the current crosswalk is below (west of) this intersection and children do not use that crosswalk as it is out of their way. Most cross at Oxford, Montgomery, and Cambridge.

Eric Blehm - seconded everything Daniels said. He stated that it is not the time of day so much as there is a constant problem with speed on Birmingham. Blehm also said that he and other parents are willing to band together to help with costs for a solution(s).

Blough: will discuss this with the Director of Public Works/Engineering. We will contact you (the speakers) and let you know what process Staff will use to study the issue.

David Brenner – working with Nestor Mangohig (Associate Traffic Eng.) regarding speeding on Freda Lane. Traffic calming is a long process; do not be discouraged.

## 5. CLOSING AND ADOPTION OF CONSENT CALENDAR

A. Approval of Minutes – September 10, 2012

**Kohl moved to accept the minutes; Lindsay seconded. Approved: 4-0.  
(Schorr abstained as he was absent at September 10th meeting.)**

## 6. NEW BUSINESS

A. Review of Red Light Camera Operation

Blough presented the report.

Recommendation:

**It is recommended that the Traffic Commission receive this report as it is for informational purposes.**

Commissioner Questions:

Blakespear: confirmed with Blough that bicycles are not ticketed.

Lindsay: besides the picture of the driver and license plate, is there anything else that is available to the ticketed drivers? Blough stated a video is available.

Schorr: there is a Community Service Officer that is in charge of red light camera tickets; she goes to court each week on these tickets. Blough stated that Staff maintains records that are often requested by those contesting tickets. Staff provides all information we have and will direct them elsewhere for info we do not possess.

Lindsay: is a ticket approximately \$300+? Blough stated that it is more than that but he is unsure of the exact cost. The state receives the majority of the fine. The city receives only a portion.

Kohl: stated that the controller used to determine the length of the yellow signal timing is designed so that, even if an attempt is made to set the timing at less than the minimal legally required 3 seconds, the software will not go below 3 seconds. This supports Staff's position that every attempt is made to closely follow the specific laws on red light cameras and timing.

Blakespear: does Staff get much feedback from citizens stating they are satisfied with the current number of red light cameras or do they want more cameras? Blough stated that there was a lot more discussion when the cameras were first installed but it has been fairly quiet for the last few years. Approximately every other month we get a public request for information.

Lindsay: is the Leucadia/El Camino Real red light camera paying for itself? Blough stated that he feels this may be breaking even.

Speakers: None.

**Motion:**

**Schorr moved to have the city continue the red light program.** ~~No second, motion died.~~ *Commissioner discussion followed.*

Kohl: wants to discuss the possibility of expanding the program to include other intersections. If Schorr is willing to amend the motion, Kohl would second it.

Blakespear: stated she would not support the amended motion; she is not in favor of increasing the red light cameras.

**Motion restated:**

**Schorr moved to continue the red light camera program. Kohl seconded.** ~~Motion died with no vote as commissioners wanted more discussion prior to a vote.~~

Kohl: statistics have shown that the red light cameras have reduced accidents. He feels the only people against the cameras are those that have been ticketed. Kohl feels we need to continue the cameras; and he is in favor of expanding the program.

Lindsay: is comfortable with just continuing the status quo without adding additional red light cameras. He does not want it expanded.

Traffic Commission ready to vote on Schorr's restated motion:

~~Schorr moved to continue the red light camera program. Kohl seconded.~~  
**Approved: 5-0.**

Lewin: likes the program as is; he would only like to see the program expanded if Staff determines there is a need for it.

Blough: the commission could recommend an expansion of the program if they choose to do so at this time. That recommendation would go to City Council.

Lindsay: suggested that if Kohl has suggestions on other red light camera locations, he get together with Blough.

7. **COMMISSIONER REPORTS**

A. Peter Kohl: Comprehensive General Plan Update

The committee has completed its work; their conclusions/recommendations are now to go to City Council. Kohl does not know when this will go to the Council. No more committee meetings are scheduled.

8. **COMMISSIONER CORNER**

A. Schorr: there is a dangerous place on the south side of Glen Park; Norfolk has curves; you can't see oncoming traffic especially when cars are parked on Norfolk. Has there been any consideration of making it a one-way street? Blough stated that hasn't been considered to date. The design of Cardiff streets usually acts to reduce speeds due to their narrow width. Blough will look at this situation.

B. Blakespear: She went to Cardiff Elementary School with an architect *who had a report by* and a landscape architect; they suggest extending the sidewalk on the west side of Cardiff Elementary and removing the bougainvillea. This doesn't involve any road realignment; it would allow for parking on the other side of San Elijo in an orderly manner. The report is going to be shown to the City. Blough stated that there is a meeting in two weeks on this subject. They feel formalized parking and a sidewalk would allow students to walk on the west of San Elijo in that area.

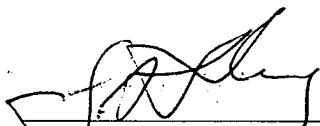
C. Kohl: anything new on the Cardiff intersections that the Fire Department would like to see modified? Blough waiting to hear back from Fire and Fire Prevention.

D. Lewin: confirmed the next Traffic Commission meeting is Dec. 10th. Blough stated that Planning will be presenting an update on the Bicycle Master Plan.

E. Blough: Douglas sends an electronic link to some of the Traffic Commission attendees. Would the Commissioners also want this link in addition to the hard copies they receive? The commissioners all stated they prefer the hard copy only.

9. **ADJOURNMENT**

Kohl moved; Schorr seconded the motion to adjourn. Approved: 5-0. Meeting adjourned at 6:35 p.m.

  
James Lindsay, Chairperson

  
Trish Douglas, Commission Secretary

# Attachment C

## Example of Total Bail Calculation for Red Light Violation



**SUPERIOR COURT OF CALIFORNIA, COUNTY OF SAN DIEGO**

**HOW THE AMOUNT DUE IS CALCULATED ON CITATIONS**

The amounts and calculations shown below do not take into account the discretion a judicial officer may have to impose a higher or lower total fine, or an alternative sentence. The amounts and calculations may not be representative of an individual case and the information is meant only to be used as a general reference. This information is only applicable to San Diego County.

The "bail" on a citation is the amount of money required to guarantee an appearance. If bail (often referred to as a fine) is forfeited (i.e., one chooses to pay the bail amount if that option is available), the citation is considered paid, a conviction for the citation is entered, and if it is a reportable offense, the conviction is placed on the individual's driving record.

Each violation listed on a citation is assigned a base bail amount. In addition to that amount, other fees and assessments are added to make up the total bail amount. A breakdown of the total bail, showing the base bail, fees, and assessments is set out below.

The total amount due on any citation may be increased as a result of prior convictions or points on one's driving record, or for committing an offense while driving in a highway construction or maintenance area (Veh. Code § 42009) and for violations committed in a Safety Enhancement-Double Fine Zone (Veh. Code § 40210).

- **Base Bail Amount:** Determined by California statutes, the Judicial Council of California's Uniform Bail and Penalty Schedule, and the San Diego Superior Court Bail Schedule.
- **Penalty Assessment and State Surcharge:** Set by the California Legislature and authorized by numerous statutes. Effective June 27, 2012, the assessment equals \$31 for every \$10 of base bail or fraction thereof (this includes a state surcharge that is approximately \$2.00 for every \$10 or fraction thereof). See the Authorities for Assessments section of the San Diego Superior Court Bail Schedule for additional information.
- **Court Operations Assessment:** \$40 added for each violation (Pen. Code § 1465.8).
- **Criminal Conviction Assessment:** \$30 (misdemeanor) or \$35 (infraction) added for each violation (Gov. Code § 70373).
- **Emergency Medical Air Trans. Penalty:** \$4 added for each Vehicle Code violation (Gov. Code § 76000.10).
- **Night Court Assessment:** \$1 added to each case with a Vehicle Code violation (Veh. Code § 42006).
- **Traffic School Administrative and Monitoring Fees:** \$52 (effective January 1, 2013) added to attend traffic school (Veh. Code §§ 42007.1 & 11208). The cost of the school is a separate fee paid directly to the school.

**Example of total bail for failing to stop at a circular red or red arrow  
(Veh. Code § 21453(a))**

|                                  |              |
|----------------------------------|--------------|
| Base Bail                        | \$100        |
| Penalty Assessment and Surcharge | 310          |
| Court Operations Assessment      | 40           |
| Criminal Conviction Assessment   | 35           |
| Emerg. Med. Air Trans. Penalty   | 4            |
| Night Court Fee                  | 1            |
| <b>Total</b>                     | <b>\$490</b> |

Attachment D

Correspondence

## Rob Blough

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**From:** Randa Milljour  
**Sent:** Tuesday, June 11, 2013 7:59 AM  
**To:** Rob Blough  
**Subject:** FW: Upcoming Red Light Camera Vote - Remove Cameras

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**From:** Brian Ceccarelli [mailto:canute@redlightrobber.com]  
**Sent:** Tuesday, June 11, 2013 6:46 AM  
**To:** Randa Milljour  
**Cc:** Council Members  
**Subject:** Upcoming Red Light Camera Vote - Remove Cameras

Dear Rob Blough,

I have read that there's an upcoming vote in the Encinitas's City Council about canceling the red light camera program. I hope you will do two things:

1. Give the Council your blessing to remove the red light cameras.
2. Review the ITE yellow change interval formula and know that the very use of this formula is what causes drivers to inadvertently run red lights. It is the formula and traffic engineers' systematic misapplications of the formula which red light camera companies exploit. For example, one cannot apply this formula to turning phases. Turning phases require 1 to 4 seconds \*more\* time than the formula provides.
3. Upon review, do the right thing. Increase the yellow change interval to compensate for deceleration movements into the intersection. That can be from 1 to 3.5 seconds depending on approach speeds. Intersections neither will be safe nor allow traffic to move legally until you do this. (Law enforcement in any form cannot compensate for engineering mistakes, the latter making drivers run red lights.) The yellow change interval formula only allows drivers, once past the safe stopping distance, to proceed into the intersection at full speed or to accelerate. (ITE's own definition of the yellow change interval. 1982)

Here is the mathematical derivation of the ITE yellow change interval formula. The proof of what I am telling you is in the math. There is no hiding from it. You can present this paper to any engineer or physicist and he/she will see and agree to the point in about 30 seconds.

[http://redlightrobber.com/red/links\\_pdf/Yellow-Light-Duration-Derivation.pdf](http://redlightrobber.com/red/links_pdf/Yellow-Light-Duration-Derivation.pdf)

The following paper describes the origin of the formula, the formula's intent and how in 1965 ITE began obfuscating the formula.

[http://redlightrobber.com/red/links\\_pdf/Misapplied-Physics-Red-Light-Cameras.pdf](http://redlightrobber.com/red/links_pdf/Misapplied-Physics-Red-Light-Cameras.pdf)



Here is the classic 1959 paper, "The Problem of the Amber Signal Light in Traffic Flow", from where the formula comes. You will see that the entire State of California application of the formula is clearly outside the scope of the formula in "Analytical Considerations" (page 2). For a physicist and engineer, it is very clear just by looking at the math.

[http://redlightrobber.com/red/links\\_pdf/The-Problem-of-the-Amber-Signal-Light-in-Traffic-Flow.pdf](http://redlightrobber.com/red/links_pdf/The-Problem-of-the-Amber-Signal-Light-in-Traffic-Flow.pdf)

I also know the California Professional Engineers Act, Ch 7, 6701, requires professional engineers to have the "special knowledge of the mathematical, physical and engineering sciences" to do professional and creative work in the field. [http://redlightrobber.com/red/links\\_pdf/california/california-professional-engineers.pdf](http://redlightrobber.com/red/links_pdf/california/california-professional-engineers.pdf) Given the obvious misunderstandings of the yellow change interval, it is clear that traffic engineers lack the special knowledge as required by the statute. By engineers' lack of the special knowledge of basic physics, traffic engineers have created both type I and II dilemma zones which harms life, health and property in harm's way. By analyzing the red light camera raw data, I know that 99.3% of all red light camera tickets are a direct result of using the formula. That is, 99.3% of all red light running violations happen between the time the light turns red and the time Newton's Laws of Motion require. And FYI, out of the remaining 0.7%, 99% of those drivers are running red lights in the middle of the night—another traffic engineer error—the bad detection loop.

I know the red light camera companies are well aware of the problems of the formula. They set up their cameras facing the approaches where the systematic errors of the formula are at their maximum. The camera companies are operating a "charlatan fraud scheme" at your expense.

While the Encinitas's City Council may want to delay the termination of the contract in two months, the City Council could terminate it immediately under threatening the red light camera company with fraud.

At your service,

*Brian Ceccarelli*

<http://redlightrobber.com>

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