

RESOLUTION NO. 2007- 77

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS,
CALIFORNIA, AUTHORIZING THE CITY MANAGER TO EXECUTE AN
AGREEMENT WITH REDFLEX TRAFFIC SYSTEMS, INC. FOR THE
RED LIGHT CAMERA ENFORCEMENT PROJECT**

WHEREAS, the City has a *high volume of intersections* within its limits; and

WHEREAS, in accordance with the Intersection Safety Prioritization Program, staff has identified intersections within the City limits sites with potential for safety improvements and would benefit from red light camera enforcement; and

WHEREAS, the Police and General Services staff have met with four main red light camera service providers, those being ACS, ATS, NESTOR and Redflex to evaluate their operations and available services; and

WHEREAS, staff has determined Redflex Traffic Systems, Inc. to be the most qualified company to provide the services desired by the City to initiate and monitor the Red Light Camera Enforcement Project and wishes to execute an agreement for these services.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED by the City Council of the City of Citrus Heights that the City Manager is hereby authorized to execute an agreement with Redflex Traffic Systems, Inc. and that a copy of the Agreement is available and on file in the City Clerk's office and is incorporated herein by reference and made a part of this Resolution.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

PASSED AND ADOPTED by the City Council of the City of Citrus Heights, California, this 19th day of July, 2007 by the following vote, to wit:

AYES:	Council Members:	Bruins, Karpinski-Costa, Shelby, Miller Slowey
NOES:	Council Members:	None
ABSTAIN:	Council Members:	None
ABSENT:	Council Members:	None

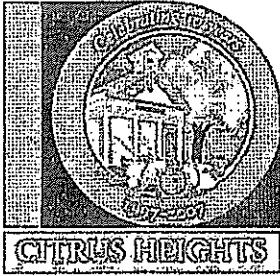


Jeff Slowey, Mayor

ATTEST:



Rhonda Sherman, City Clerk



CITY OF CITRUS HEIGHTS

Memorandum

July 19, 2007

TO: Henry Tingle, City Manager

FROM: David Wheaton, General Services Director
 Chris Boyd, Chief of Police
 Dennis Dunn, Traffic & Signal Operations Supervisor
 Mark Boettger, Police Commander

SUBJECT: Intersection Safety Program: Red Light Camera Enforcement Project -
 Authorization to Execute an Agreement with Redflex Traffic Systems, Inc.

Approved and Forwarded to
 City Council

Stephanie Driscoll Fin.

APPROVED

Atty.

Henry Tingle
 Henry Tingle, City Manager

Summary and Recommendation

In February 2007, Council approved an Intersection Safety Improvement Prioritization Program Report which included a recommendation to add Red Light Runner Camera Enforcement to certain intersections throughout the City. The Red Light Camera Enforcement Program is a service provided by four main service providers in California: ACS, ATS, Nestor, and Redflex Traffic Systems, Inc. Each provider was invited to present their proposals to a City team consisting of representatives of the Police Department, General Services and the City Traffic Team. Contacts were also made with several Cities and Counties to verify operational declarations made during the presentation. Additional questions were sent to each provider inquiring about existing program status, technology usage, contract language, and status of any legal challenges.

Staff recommends approving the attached resolution, authorizing the City Manager to execute an agreement with Redflex Traffic Systems, Inc. to equip the City with support services, licenses, application and citation equipment related to digital photo red light enforcement system for up to 21 approaches throughout the City.

Background and Analysis

A 2006 report from National Highway Traffic Safety Administration (NHTSA) reports that in 2005, nearly 9,200 people died and approximately one million people were injured in intersection-related crashes. The report also stated that approximately 40-45 percent of all crashes occur at intersections or are intersection related. Further, 2005 data from NHTSA's Fatality Analysis Reporting System, crashes caused by red light running (RLR) resulted in an estimated 805 fatalities, nation-wide.

The City Council-adopted Intersection Safety Program (ISP) paid close attention to this problem. During field studies for the ISP, drivers were observed running the yellow and red phases of traffic signals throughout Citrus Heights. This driving behavior can lead to angle crashes, which are typically more severe than other crash types. While the City has not experienced any intersection fatalities during the past year since Citrus Heights Police Department has been in operation, these type of

accidents remain high risk factors; pedestrian and bicycle safety being of most concern.. However, for example, between the years 2001 and 2004, there were fatal crashes at the intersections of:

- Sunrise Boulevard/Greenback Lane
- San Juan Avenue/Greenback Lane
- Sunrise Boulevard/Madison Avenue
- Mariposa Avenue/Antelope Road
- San Tomas Drive/Auburn Boulevard

Drawing from the same data, eight fatal crashes occurred at signalized intersections between the years 2000 – 2006; 23 occurred within 200 feet of an intersection during the same time period.

A recent Federal Highway Administration document generally estimates a 15% reduction in red-light running with installation of red-light running technology. This document also cites Fairfax, Virginia having experienced a 44% reduction in violations in the first year of use of this technology.

More than 70 other jurisdictions use Red Light Camera enforcement in California, helping to reduce broadside accidents and improve safety at signalized intersections for pedestrians and bicyclists.

Since focusing our discussions with Redflex Traffic Systems, Inc., several intersections were studied to determine the level of red light violations. These intersections included three from the ISP-recommended list and two additional intersections identified by staff of the Citrus Heights Police Department and General Services Department. Redflex conducted pre-contract video surveys to help determine feasibility of implementing the program at these specific intersection approaches. The intersection(s) approaches will initially include:

- Greenback Lane at San Juan/Sylvan Road, Southbound approach;
- Greenback Lane at Sunrise Blvd., Northbound and Eastbound approaches including right turns;
- Greenback Lane at Fountain Sqaure/Peoria, Eastbound approach and Southbound including right turns, and;
- Greenback Lane at Mariposa Ave., Eastbound approach

Surveys will continue to be performed to insure effectiveness of the equipment at these locations.

The Red Light Camera Enforcement Project is part of an adopted evaluation and prioritization of safety and operations for signalized intersections throughout the City. It is also in unison with the City Council-adopted Intersection Safety Implementation Plan.

Fiscal Impact

By contract, the Fiscal Impact of Red Light Camera Enforcement will be neutral, and requires no up-front funding for the installation of the cameras. The contract calls for \$6,000 per approach paid to Redflex, covering equipment installation, maintenance, and the processing of the photo/motion pictures. Language is included in the proposed contract that will require the City to pay “what is collected” from individual violations. However, no money is paid upfront to Redflex prior to revenue being collected from violations.

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The City will be required to provide an officer or designated person to interact with the citation process, evaluate photos and video to determine violations, attend court proceedings and provide administration for the City Program. It has yet to be determined if a new staff position will be required for this contract, or if an existing qualified staff member will be assigned, therefore it is unknown if there will be an additional cost associated with the citation process. The City's cost is also expected to be recovered from fines derived from violations. It is also expected that revenue will be collected exceeding Redflex cost and City administration of the program.

Conclusion

Staff recommends approving the attached resolution, authorizing the City Manager to execute an agreement with Redflex Traffic Systems, Inc. to equip the City with support services, licenses, application and citation equipment related to digital photo red light enforcement system for up to 21 approaches throughout the City.

Attachments: (1) Resolution
(2) 2005 ISP Program Report – Page 16 and 17
(3) Guidance Document – Response by Redflex Traffic Systems