

**COUNTY OF SACRAMENTO  
CALIFORNIA**

For the Agenda of:  
July 17, 2018

To: Board of Supervisors

From: Sheriff's Department

Subject: Calendar Year 2017 Red Light Photo Enforcement Program (RLPEP) Activity Report

Supervisorial District(s): All

Contact: Annica Hagadorn, Sheriff Captain, 875-1296

**Overview**

This report is submitted in response to the Board's directive (related to Item No. 23 - May 9, 2017 Agenda) that a written report on the reduction of accidents at intersections where the Red Light Photo Enforcement Program (RLPEP) is in effect be filed annually with the Board. Attachment 1 is the memorandum providing this direction.

**Recommendations**

Receive and file Year 2017 Red Light Photo Enforcement Program (RLPEP) Report

**Measures/Evaluation**

Performance is measured by comparing current year data to prior years' data in order to ascertain the trend. The RLPEP performance is evaluated by comparing the 2017 Total Collision and Victims data to the same period last year in order to convey to the Board a reduction in the number of collisions associated with red light runners as a result of the use of the RLPEP.

**Fiscal Impact**

Not Applicable.

**BACKGROUND**

This report is submitted in response to the Board's directive (related to Item No. 23 - May 9, 2017 Agenda) that a written report on the reduction of accidents at intersections where the Red Light Photo Enforcement Program (RLPEP) is in effect be filed annually with the Board. Attachment 1 is the memorandum providing this direction.

On September 19, 2000, the Board authorized the Sacramento Sheriff's Department (SSD) to implement Sacramento County's Red Light Enforcement Program (RLPEP). The California

Highway Patrol (CHP) has provided enforcement activities for the RLPEP under agreement since the inception of the program (Resolution No. 2000-1110).

Pursuant to California Vehicle Code section 2400, CHP has primary jurisdiction for the enforcement of traffic laws in the unincorporated area of counties. CHP officers have provided the enforcement component of the RLPEP since its inception and are responsible for reviewing photographic evidence recorded by the red light cameras, issuing criminal citations to red light violators, and testifying in court on contested citations. They also conduct unannounced field checks on the red light camera equipment to ensure the equipment meets contractual and Vehicle Code requirements. In addition, the officers assist in educating the public by making evening presentations to community groups on the dangers and consequences of running red lights.

On August 26, 2003, the Board authorized the execution of a Memorandum of Understanding for the SSD to manage the City of Sacramento's RLPEP on behalf of the City (Resolution No. 2003-0989). The SSD has managed the City's RLPEP program since that time. The SSD contracts for the necessary red light camera system and the law enforcement services, and in turn receives fine revenue from the City in order to support the program.

Red Flex Traffic Systems, Inc. (Red Flex) has been contracted since 2008 to provide the automated red light camera system in both Sacramento County and the City of Sacramento (Resolution No. 2008-1286). The current agreement with Red Flex was authorized by the Board on December 10, 2013 (Resolution No. 2013-0850) and may be renewed through December 31, 2020.

Under the current agreement Red Flex provides 26 cameras, 10 within the City and 16 within the unincorporated area. One camera in the unincorporated area is currently inoperable, leaving 25 operable cameras.

The purpose of the RLPEP is to reduce the number of collisions associated with red light runners at intersections in both the City of Sacramento and the unincorporated area through photo enforcement, thereby increasing public safety.

## **DISCUSSION**

Under the agreement, CHP provides two full-time officers to conduct enforcement activities for the RLPEP. The two full-time officers provide resources sufficient to review photographic evidence, issue citations and conduct related work for the 25 operable camera system. The RLPEP has utilized the services of the two CHP officers since 2000.

During the 2017 calendar year the 25 cameras captured the photographic evidence of 108,153 incidences. Of those, 81,908 were rejected due to a variety of reasons such as: unable to identify driver, glare, environmental issues, non-violation (stopping past the limit line, but captured by camera). 10,841 of those rejected were for emergency responses from law enforcement, fire, or medical transport vehicles. Of the 26,245 incidences remaining, 58.7% (15,404) were issued citations.

## **MEASURES AND EVALUATIONS**

In the year prior to the installation of each of the red light cameras, there were 621 traffic collisions at those intersections. In 2013, there were 205 traffic collisions at those intersections. In 2016, there were 82 traffic collisions; 40 of which were injury collisions and one fatality at those intersections. In 2017 there were 50 traffic collisions; 35 of which were injury collisions and NO fatalities. All data was given by CHP for collisions in the unincorporated area of Sacramento County and Sacramento City Public Works for collisions in the City of Sacramento.

The decrease in traffic collisions at photo-enforced intersections since their installation has been significant, and a testament to the program's public safety benefit. The table below displays the number of collisions at each intersection in the RLPEP for the year before the camera was installed at the intersection and the number of collisions at the same intersection for calendar years 2016 and 2017.

**RLPEP Collision Totals per Camera Location**

<b>Intersections with Automated Enforcement System</b>	<b>Date of Installation</b>	<b>Collisions One Year Prior to Installation</b>	<b>Collisions Calendar Year 2016</b>	<b>Collisions Calendar Year 2017</b>
16 <sup>th</sup> & W St.	06/30/2012	5	0	1
47 <sup>th</sup> Ave and Martin Luther King Blvd.	08/06/2009	31	8	8
* Alhambra & J Street	05/22/2012	2	0	Not avail
Arden Way and Challenge	11/23/2010	12	2	0
Arden Way and Watt Avenue	08/20/2009	36	5	3
**Auburn Blvd. and Garfield Blvd.	10/13/2012	12	4	7
Broadway and 21 <sup>st</sup> Street	11/27/2009	7	0	1
Calvine Rd. and Hwy 99	05/30/2012	81	7	5
Don Julio and Elkhorn Blvd.	12/29/2011	21	4	2
El Camino and Eastern	08/06/2010	18	4	2
El Camino and Evergreen	11/30/2009	8	0	1
Fair oaks Blvd. and Howe Avenue(2)	05/16/2010	18	4	1
Fair Oaks Blvd. and Watt Ave. (2)	08/06/2009	50	3	1
Florin Road and East Parkway	07/27/2010	24	5	2
Florin Road and Franklin Blvd.	11/30/2009	21	4	2
Florin Road and Lindale	08/13/2011	8	3	1
Howe Ave. and Folsom Blvd.	02/25/2010	22	1	0
Howe Ave and Hurley Way	08/06/2009	40	4	1
I Street and 5 <sup>th</sup> Street	11/23/2010	36	5	2
* Mack Road and Center Parkway	11/27/2009	13	0	Not avail
* Mack Road and Valley High Blvd.	11/27/2009	23	0	Not avail
Manzanita Ave. and Cypress Ave.	06/06/2010	10	5	4
Madison Ave. and Date Ave.	08/28/2009	23	3	1
Madison Ave. and Sunrise Blvd.	08/28/2009	23	3	5
<b>26 Total Intersections</b>	-----	<b>621</b>	<b>82</b>	<b>50</b>

\* Sacramento City Public Works does not provide data if collision did not result in injury.

\*\* Camera data not available (inoperable), CHP collision data only.

**FINANCIAL ANALYSIS**

Not Applicable.

Respectfully submitted,

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SCOTT R. JONES, Sheriff  
Sacramento County Sheriff's Department

Attachment: ATT 1--Action Memo Dated May 18, 2017