

**APPROVED**  
BY THE CITY COUNCIL

**FEB 2 1999**

OFFICE OF THE  
CITY CLERK



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DEPARTMENT OF  
PUBLIC WORKS

CITY OF SACRAMENTO  
CALIFORNIA

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SUITE 300  
SACRAMENTO, CA  
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TECHNICAL SERVICES  
DIVISION

PH 916-264-8300  
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January 14, 1999

City Council  
Sacramento, California

Honorable Members In Session:

**SUBJECT: RED LIGHT INDICATOR DEVICES – ESTABLISH CAPITAL IMPROVEMENT  
PROJECT (PN:XXXX)**

**LOCATION AND COUNCIL DISTRICT:**

Citywide. All Districts

**RECOMMENDATION:**

This report recommends that the City Council adopt the attached resolution that establishes the Red Light Indicator Devices Project.

**CONTACT PERSONS:** Marty Hanneman, City Traffic Engineer, 264-7508  
Sergeant Brian Brink, PD Traffic Section, 277-6128

**FOR COUNCIL MEETING OF:** February 2, 1999

**SUMMARY:**

The Police Department, together with the Department of Public Works, proposes installation of red light indicator devices for red light running enforcement to enhance public safety in the City of Sacramento.

The Police Department has received a \$10,000 safety grant from the SafeCo Insurance Company to install red light indicator devices (also known as "Rat Boxes") to assist Police Officers with red light running enforcement.

City Council  
Red Light Indicator Devices  
February 2, 1999

**COMMITTEE/COMMISSION ACTION:**

None.

**BACKGROUND INFORMATION:**

On December 15, 1998, City Council approved an agreement with US Public Technologies to install a Red Light Running Photo Enforcement System at 30 intersections with identified red light running problems. Ten cameras should be fully operational by August 1999.

However, other signalized intersections (Exhibit A) in the city also have demonstrated problems with red light running. To address this, the Police Department in partnership with the Department of Public Works, developed a pilot project in March of 1998 that included installing a red light indicator device at the intersection of Howe Avenue and Swarthmore Drive. This device, which costs approximately \$200 installed, is mounted on the rear side of a traffic signal head and allows a Police Officer to view vehicles running red lights without jeopardizing public safety. The Police Department has deemed this pilot project a success and would like to expand the use of these devices at other problem locations to enhance public safety.

Because some intersections proposed for cameras have red light running problems in more than one direction, these locations may also receive Red Light Indicator Devices.

The Police Department has received a \$10,000 safety grant from the SafeCo Insurance Company to install these red light indicator devices to assist Police Officers with red light running enforcement.

These red light indicator devices have also been referred to as "Rat Boxes" because the initial versions were golf fist sized boxes with small wire tails.

Other cities, such as Cupertino, Palo Alto, and Milpitas in the Bay Area, are currently using these indicator devices with great success.

**FINANCIAL CONSIDERATIONS:**

The \$10,000 safety grant from The SafeCo Insurance Company will fully fund the equipment and installation for the red light indicator devices.

**ENVIRONMENTAL CONSIDERATIONS:**

The Neighborhoods, Planning, and Development Services Department, Office of Environmental Affairs has reviewed the project and has determined that this project is exempt from the California Environmental Quality Act (CEQA) under section 15301-C of the CEQA guidelines.

City Council  
Red Light Indicator Devices  
February 2, 1999

**POLICY CONSIDERATIONS:**

The implementation of these red light indicator devices is consistent with the City Council's priority of Public Safety.

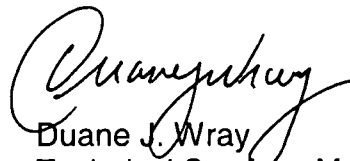
**MBE/WBE EFFORTS:**

Any goods and services will be procured in accordance with established City policy.

Respectfully submitted,



Rick Brazier  
Captain, Police Department



Duane J. Wray  
Technical Services Manager

Approved by:



ARTURO VENEGAS, JR.  
Chief of Police



MICHAEL KASHIWAGI  
Director of Public Works

RECOMMENDATION APPROVED BY:



*WHE*  
WILLIAM H. EDGAR  
City Manager

**EXHIBIT A**

The locations below are recommended for the "Red Light Running Cameras" as well as the installation of the Red Light Indicator Devices.

<b>LOCATION</b>	<b>DIRECTION</b>
Valley Hi Dr./La Mancha & Mack Rd.	To be determined
College Town Dr. & Howe Ave.	For North Bound Howe
Rio Linda Blvd. & Eleanor Ave.	To be determined
5 <sup>th</sup> St. & N St.	To be determined
Howe Ave. & Fair Oaks Blvd.	To be determined
Power Inn Rd. & Folsom Blvd.	To be determined
29 <sup>th</sup> St. & Q St.	To be determined
Stockton Blvd. & 47 <sup>th</sup> Ave./Elder Creek Rd.	To be determined

The locations below are recommended for the installation of the Red Light Indicator Devices only.

<b>LOCATION</b>	<b>DIRECTION</b>
30 <sup>th</sup> St. & H St.	For N/B Off Ramp of Business 80
30 <sup>th</sup> St. & H St.	For N/B Traffic
30 <sup>th</sup> St. & N St.	For N/B Off Ramp of Business 80
30 <sup>th</sup> St. & T St.	For N/B Off Ramp of Business 80
29 <sup>th</sup> St. & E St.	For N/B Traffic
29 <sup>th</sup> St. & E St.	For W/B Traffic
29 <sup>th</sup> St. & H St.	For S/B Traffic
29 <sup>th</sup> St. & H St.	For W/B Traffic
29 <sup>th</sup> St. & H St.	For E/B Traffic
29 <sup>th</sup> St. & N St.	For S/B Traffic
29 <sup>th</sup> St. & N St.	For E/B Traffic
29 <sup>th</sup> St. & P St.	For S/B Off Ramp of Business 80
29 <sup>th</sup> St. & P St.	For S/B Traffic
29 <sup>th</sup> St. & P St.	For W/B Traffic
3 <sup>rd</sup> St. & P St.	For W/B Traffic
3 <sup>rd</sup> St. & Q St.	For S/B Traffic
3 <sup>rd</sup> St. & Q St.	For E/B Traffic
Broadway & 16 <sup>th</sup> St.	For N/B Traffic
21 <sup>st</sup> St. & W St.	For W/B Traffic
Sutterville Rd. & Freeport Bv (S leg)	For N/B Traffic
Sutterville Rd. & Freeport Bv. (S leg)	For S/B Traffic
Arden Wy. & Harvard St.	For W/B Traffic turning N
Arden Wy. & Harvard St.	For E/B Traffic turning N

City Council  
 Red Light Indicator Devices  
 February 2, 1999

Arden Wy. & Harvard St.	For W/B Traffic
Arden Wy & Harvard St.	For E/B Traffic
28 <sup>th</sup> St. & N St.	For E/B Traffic
7 <sup>th</sup> St. & L St.	For W/B Traffic
7 <sup>th</sup> St. & L St.	For S/B Traffic
8 <sup>th</sup> St. & L St.	For N/B Traffic
American River Dr. & Howe Ave.	For N/B Traffic
American River Dr. & Howe Ave.	For S/B Traffic
Elder Creek Rd. & 65 <sup>th</sup> Ex.	For S/B Traffic
Elder Creek Rd & 65 <sup>th</sup> Ex.	For N/B Traffic
Florin Rd. & Greenhaven Dr.	For N/B Traffic
Florin Rd. & Greenhaven Dr.	For S/B Traffic
Franklin Bv. & Fruitridge Rd.	For S/B Traffic
Franklin Bv. & Fruitridge Rd.	For S/B to E/B Fruitridge Traffic
Franklin Bv. & Fruitridge Rd.	For N/B Traffic
Franklin Bv. & Fruitridge Rd.	For W/B Traffic
Franklin Bv. & Fruitridge Rd.	For E/B Traffic
Franklin Bv. & Brookfield Dr.	For N/B Traffic
Franklin Bv. & Brookfield Dr.	For S/B Traffic
Stockton Bv. & Fruitridge	For S/B Traffic
Stockton Bv. & Fruitridge	For N/B Traffic
Stockton Bv. & Fruitridge	For E/B Traffic
Stockton Bv. & Fruitridge	For W/B Traffic

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**RESOLUTION NO.** 99-046

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

**RESOLUTION ESTABLISHING A CAPITAL IMPROVEMENT  
PROJECT FOR THE RED LIGHT INDICATOR DEVICES  
(PN:XXXX)**

**BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO:**

1. That the revenue budget (Fund 248) be increased by \$10,000 to reflect a grant received from SafeCo Insurance Company.
2. That the Red Light Indicator Devices Project be established in the amount of \$10,000(248-500-XXXX-4820)

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

Red light indicator council report Feb 2, 1999

**FOR CITY CLERK USE ONLY**

RESOLUTION NO: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_