



# ADMINISTRATIVE REPORT

**MEETING DATE:** January 16, 2008

**AGENDA SECTION:** Consent Calendar

**ITEM:** 12. CC.

**TO:** Honorable Mayor and City Council

**FROM:** W. R. Rector, Chief of Police

**DATE:** January 4, 2008

**DEPARTMENT HEAD**

**CITY ATTORNEY**

**CITY MANAGER**

**APPROVED**

*WR*

*JK*

*RS*

**SUBJECT:** Agreement between the City of Bakersfield and Redflex Traffic Systems, Inc., for Digital Automated Red Light Photo Enforcement Cameras.

**RECOMMENDATION:** Staff recommends Council approve the agreement.

## BACKGROUND:

On April 10, 2002 the City Council approved Agreement 02-094 with Redflex Traffic Systems, Inc. to install digital automated red light photo enforcement cameras at various intersections throughout the City. The key elements of the agreement were: (1) the contract term was for 5 years with the option of two 1 year extensions, (2) Redflex would construct and maintain the system, (3) there would be systems installed at 6 intersections with 12 approaches, with the option of 4 more intersections and 8 more approaches, and (4) a fixed fee of \$89.00 per issued citation.

Since the approval of Agreement 02-094, the California Vehicle Code [VC 21455.5(g)] has been amended to disallow payments based on the number of citations generated. Any extensions or new agreements must base payments on a flat fee. Therefore, in order for the City to continue the Red Light Photo Enforcement Program, City Staff has negotiated a new agreement with Redflex Traffic Systems, Inc.

Key elements of the new agreement are:

- 5 year term (commencing February 1, 2008) with two one year extensions at the option of the City.
- Flat Fee Billing
  - Flat fee of \$1,000 / month per approach for the four existing approaches with the lowest citation history. (An approach is a traffic signal controlled lane of travel. The approaches with the lowest citation histories are: Chester and Brundage - Northbound; Coffee and Truxtun - Southbound Straight Through Lanes; Coffee and Truxtun - Southbound Turn Lanes; and Eastbound California and Oak Street.
  - Flat Fee of \$4,200 / month per approach for the eight remaining approaches.

# ADMINISTRATIVE REPORT

- Future Approaches will cost \$6,070 / month per approach upon installation (Agreement allows for an additional 10 intersections / 20 approaches).
- Cost Neutrality- The City will never be required to pay Redflex more than actual cash received.
- Annual Price Increase based on CPI
- Free upgrades to include Streaming Video at all approaches

In FY2006-07 the BPD averaged approximately 453 red light citations per month, with an average monthly payment to Redflex of \$40,340.00. The net revenue to the City (including personnel costs) from citations issued during FY2006-07 was approximately \$814.00 (based on payments made through 12/19/07). Net revenue has fluctuated depending on the fines levied by the Traffic Courts.

Under the new fee structure, the monthly **fixed** payment for the twelve existing approaches will be \$37,600 for the first year. This would yield \$33,730 net revenue to the City, assuming the same number of citations are issued in 2008 as were issued in 2007. This is now a fixed payment and will not fluctuate based on fines collected by the traffic courts.

Broadside collisions, which frequently result in serious injury, have decreased at photo enforced red light intersections. While rear-end collisions have slightly increased since the installation of the cameras, injuries and associated vehicle damage are usually much less significant.

The table below outlines the history of rear-end and broadside collisions at the photo enforced intersections.

INTERSECTION	# MONTHS ON-LINE	REAR -END			BROADSIDE		
		PRE	POST	%Δ	PRE	POST	%Δ
Bernard/Oswell	50	9	16	78%	23	12	-48%
Chester/Brundage	50	49	24	-51%	37	9	-76%
Coffee/Truxtun	48	56	121	116%	33	36	9%
Ming/Real	36	87	78	-10%	34	19	-44%
Ming/Valley Plaza	36	20	12	-40%	27	25	-7%
California/Oak	28	52	61	17%	27	18	-33%
California/New Stine	24	41	68	66%	15	12	-20%
White/Wible	20	66	30	-55%	37	13	-65%
<b>TOTALS</b>		<b>380</b>	<b>410</b>	<b>8%</b>	<b>233</b>	<b>144</b>	<b>-38%</b>

# ADMINISTRATIVE REPORT

The Police Department will continue to have responsibility for administering and overseeing the red light photo enforcement program. The following ten intersections are being considered for photo enforcement, based on traffic volume, accidents and red light violation data:

Ashe Road and White Lane  
Gosford Road and White Lane  
Buena Vista Road and Stockdale Highway  
Gosford Road and Stockdale Highway  
Gosford Road and Ming Avenue  
24<sup>th</sup> Street and M Street  
Coffee Road and Rosedale Highway  
Hageman Road and Calloway Drive  
Stockdale Highway and Allen Road  
24<sup>th</sup> Street and F Street