

CITY OF YUBA CITY
STAFF REPORT

Date: January 18, 2011
To: Honorable Mayor & Members of the City Council
From: Police Department
Presentation By: Brian Baker, Traffic Sergeant

Summary

Subject: Consideration of a (1) year contract renewal with Redflex Traffic Systems.

Recommendation: Conduct a Public Hearing; then

Authorize staff to execute required contract documents for the City of Yuba City to extend the current contract with Redflex Traffic Systems for the term of (1) year.

Fiscal Impact: Contract cost is \$6,192.03 per monitored approach monthly, for a total of \$222,913.08 annually. The City does not pay out more than it receives in court collections. General fund revenues are dependent on violation volume and the adjudication process, minus vendor's fees.

Background:

On October 18, 2005 the City Council authorized staff to enter into a contract for automated enforcement devices (Red Light Cameras) with Redflex Traffic Systems. The current 5 year contract expires on 02/01/2011. The current contract allows for the City to extend the term of the agreement for up to two (2) additional consecutive one (1) year periods following the expiration of the initial term. Staff has been in discussions with Redflex for the past couple of months regarding the possibility of a contract extension, and the potential of additional approaches as provided for in the existing contract.

Analysis:

The City has automated enforcement on Gray Avenue at Bridge Street and Garden Highway at Lincoln Road. The intersection of Gray Avenue and Bridge Street has one approach that monitors traffic on southbound Gray Avenue. The intersection of Garden Highway and Lincoln Road has two approaches, southbound Garden Highway and eastbound Lincoln Road. The following tables in Attachment A indicate total detections and total citations issued at each approach. Redflex has expressed the willingness to discuss shutting down the Garden Highway and Lincoln Road approach due to the lack of violations at the intersection.

Since 2006 the City has seen a drop in all collisions of 2.73%, and decrease of 10.30% in injury collisions. Since automated enforcement has begun at the two intersections in the City, there has been a decrease of collisions caused by red light running citywide of 28.88%. During the same timeframe injury collisions from red light running citywide have decreased by 34.60%. See Attachment A for a breakdown of numbers.

In December 2010 Redflex conducted surveys at 18 locations in the City to determine if additional approaches would be warranted. If the contract is extended, work would begin on setting up automated enforcement at the locations viewed as viable by both Redflex and the City. All of the intersections that were surveyed are on State Highway right of way. This would result in the City working with the Caltrans in obtaining the necessary permits to install automated enforcement at the intersections. The City of Marysville has recently been given the authority to install automated enforcement at another intersection on the State Highway right of way. See Attachment B for potential locations for additional automated enforcement.

The goal of extending the current contract is to; work with Redflex to create a new contract that will eliminate the approaches on Garden Highway at Lincoln Road, decrease the total balance due to Redflex, and to obtain new approaches on the State Highway right of way.

Fiscal Impact:

According to the current contract the City pays \$6,192.03 per monitored approach. Redflex currently invoices the city for \$18,576.09 for the three approaches that are currently functioning. For example, in October 2010 Redflex invoiced the City \$18,576.09, the actual court collections for the month were \$11,443.36. The City then pays the communication charges for the system, these costs average around \$100 per month, and the remaining funds are paid to Redflex. In the example Redflex would be paid \$11,203.55, for the month of October 2010. The remaining money, \$7,132.73 is added to the balance owed. The last time the City has paid a full invoice to Redflex was in April 2008.

As of December 31, 2010 the City owes Redflex \$330,577.04. The reason for the high balance amount is the fact the contract allows the City to only pay what it has taken in from court collections (cost neutrality). Cost neutrality means the City does not pay Redflex more than actual cash received. In reality the City would only have to pay on this balance for twelve months after the contract is terminated. At the conclusion of the 12 months any balance still owed would be absorbed by Redflex. For example, if at the termination of the contract the City owes Redflex \$330,577.09, and in the 12 months after termination the City receives \$75,000 in automated enforcement revenue, all of those funds would be paid to Redflex. At the end of the 12 months any amount still due to Redflex would be absorbed by Redflex and the City would not be liable for any remaining balance due. Redflex is aware of this amount of money being a hurdle in moving forward, and is open to negotiations to reduce this balance owed.

Attachment C is a document produced by the City Of Yuba City Finance Department that gives a breakdown of revenues and expenditures from October 2006-October 2010. The Court Collections column of the chart indicates the City's portion of red light fines collected.

Between October 2006 and October 2010, the City has received \$62,771.38 in revenue from the automated enforcement program, and has paid Redflex \$506,042.97. In 2010 police department staff spent nearly 300 hours working on the automated enforcement program. This staff time equates to approximately \$12,000 per year. The following table provides a breakdown of the activities association with the cost of running the program.

Task		Time
Reviewing Images		80 hours
Court Preparation		33.5 hours
Court Testimony		52 hours
Department Redflex Review		104 hours
Administration Time		25 hours
Total		294.5 hours

**Note* The program began issuing citations at Gray Avenue and Bridge Street February 1, 2006, however due to issues in the way violations were collected by the courts, the best fiscal numbers are from October 2006 forward.*

Alternatives:

1. Allow the current contract to terminate.
2. Direct staff to research additional alternatives or additional vendors.

Recommendation:

Conduct a Public Hearing and authorize staff to execute required contract documents for the City of Yuba City to extend the current contract with Redflex Traffic Systems for the term of (1) year.

Prepared By:

/s/ Brian Baker

Brian Baker
Traffic Sergeant

Submitted By:

/s/ Steven R. Jepsen

Steven R. Jepsen
City Manager

Reviewed By:

Department Head

Finance

City Attorney

RL

Reviewed by email

ATTACHMENT A

Detections and Citations Generated

	Total Detections	Total Citations	Average Monthly Citations
S/B Gray Avenue at Bridge Street	9,540	5,611	96.7
E/B Lincoln Road and Garden Highway	2,497	1,121	26.1
S/B Garden Highway at Lincoln Road	3,539	2,475	57.5

Data for Gray Avenue and Bridge Street is from 02/01/06-12/01/10. The data from Garden Highway and Lincoln Road is from 05/01/07-12/01/10.

Collision Data

General Collision Data Citywide

Since 2006 the City has seen a drop in all collisions of 2.73%, and decrease of 10.30% in injury collisions. Since automated enforcement has begun at the two intersections in the City, there has been a decrease of collisions caused by red light running citywide of 28.88%. During the same timeframe injury collisions from red light running citywide have decreased by 34.60%.

	01/01/01-12/01/05	01/01/06-12/01/10	Difference
Total Collisions	6170	6001	-2.73%
Injury Collisions	1494	1340	-10.30%
Red Light as Cause	322	229	-28.88%
Red Light as Cause w/Injury	147	96	-34.60%

Collision Data Automated Enforcement Intersections

	01/01/01-12/01/05	01/01/06-12/01/10	
Total Collisions	16	28	
Red Light as Cause	8	2	
Red Light as Cause w/Injury	4	0	

ATTACHMENT B

The chart below indicates where the surveys were conducted. Intersections marked with a “Q” are qualified to be equipped with automated enforcement. Intersections marked “NQ” are not qualified to be equipped with automated enforcement. The intersections that have “Discuss” are open for discussion between the City and Redflex to determine whether or not it is feasible to install automated enforcement equipment. Several factors go into determining whether or not an intersection is qualified for automated enforcement. These factors include: number of violations during the 12 hour survey period, traffic volume, and roadway speed limits.

Yuba City CA Video Survey Results with VIC 1/3/11							
12 hour survey							
City	Date	Cross Street	Approach	LT	Through	RT	VIC
	12/15/10	Clark Ave & Colusa Ave	EB	0	10	4	Q
		Clark Ave & Colusa Ave	WB	0	1	1	NQ
		Live Oak Blvd & Colusa Ave	EB	1	1	2	NQ
		Live Oak Blvd & Colusa Ave	WB	1	17	0	Q
		N. Walton Ave & Colusa Ave	EB	0	1	9	NQ
		N. Walton Ave & Colusa Ave	NB	1	1	16	NQ
		N. Walton Ave & Colusa Ave	WB	2	1	17	NQ
		Plumas St & Colusa Ave	EB	0	5	16	Q
		Plumas St & Colusa Ave	WB	1	16	11	Q
	12/16/10	Gray Ave & Colusa Ave	EB	1	6	5	Q
		Gray Ave & Colusa Ave	NB	4	0	10	NQ
		Gray Ave & Colusa Ave	SB	10	3	10	Discuss
		Gray Ave & Colusa Ave	WB	3	8	4	Q
		State 99 & Bridge St	NB	4	4	0	Discuss
		State 99 & Colusa Ave	EB	3	4	18	Discuss
		State 99 & Colusa Ave	NB	5	1	20	NQ
		State 99 & Colusa Ave	SB	0	0	11	NQ
		State 99 & Colusa Ave	WB	11	12	0	Q

ATTACHMENT C

YUBA CITY REVENUE REPORT 2010			
Oct-10	Court Collections	Redflex Invoices	City Records For Invoice Payments
	\$		\$
Oct-06	11,402.34	6,030.00	6,030.00
Nov-06	13,274.71	6,030.00	6,030.00
Dec-06	10,908.33	6,030.00	6,030.00
Jan-07	15,207.44	6,030.00	6,030.00
Feb-07	9,736.76	6,030.00	6,030.00
Mar-07	11,237.45	6,030.00	6,030.00
Apr-07	12,284.14	6,030.00	6,030.00
May-07	9,947.98	6,030.00	6,030.00
Jun-07	17,226.62	18,090.00	6,030.00
Jul-07	18,857.67	18,090.00	12,799.00
Aug-07	21,178.18	16,365.09	14,949.91
Sep-07	21,971.05	17,603.91	14,710.00
Oct-07	22,019.86	18,090.00	15,961.56
Nov-07	15,328.99	18,576.09	13,612.03
Dec-07	15,158.59	18,576.09	13,877.03
Jan-08	18,871.12	18,576.09	14,804.53
Feb-08	19,541.02	18,576.09	14,832.62
Mar-08	17,127.38	18,576.09	15,829.06
Apr-08	20,450.60	18,576.09	15,034.06
May-08	12,779.19	18,576.09	12,287.03

Jun-08	12,510.11	18,576.09	12,455.00
Jul-08	13,259.03	18,576.09	13,249.03
Aug-08	10,154.39	18,576.09	9,985.54
Sep-08	13,565.37	18,576.09	13,396.50
Oct-08	10,654.09	18,576.09	10,483.22
Nov-08	12,361.77	18,576.09	12,192.90
Dec-08	7,165.28	18,576.09	6,996.41
Jan-09	6,849.81	18,576.09	6,681.17
Feb-09	12,641.59	18,576.09	12,465.59
Mar-09	14,221.44	18,576.09	14,049.12
Apr-09	15,419.95	18,576.09	15,238.88
May-09	13,296.66	18,576.09	13,124.14
Jun-09	13,264.48	18,576.09	13,091.78
Jul-09	9,280.43	18,576.09	9,107.73
Aug-09	7,653.27	18,576.09	7,480.57
Sep-09	8,059.77	18,576.09	7,887.13
Oct-09	8,653.63	18,576.09	8,480.99
Nov-09	7,271.55	18,576.09	9,380.69
Dec-09	8,924.47	18,576.09	8,759.88
Jan-10	7,449.63	18,576.09	7,309.83
Feb-10	8,994.16	18,576.09	8,854.36
Mar-10	9,190.42	18,576.09	9,050.62
Apr-10	8,399.42	18,576.09	8,259.62
May-10	8,724.13	18,576.09	8,584.33
Jun-10	10,550.19	18,576.09	10,410.39
Jul-10	9,553.42	18,576.09	9,413.62
Aug-10	8,094.12	18,576.09	7,954.32
Sep-10	7,569.03	18,576.09	7,429.23

Oct-10	11,443.36	18,576.09	11,303.55
TOTALS	\$609,684.39	\$805,218.24	\$506,042.97