



CC STOP!
Corpus Christi
Safe Traffic Operations Program
Red Light Cameras



Council Presentation
February 14, 2017



Red Light Cameras Introduction



- In 2007, the City of Corpus Christi and REDFLEX entered into a contract to utilize red light cameras to enforce red light violations at designated intersections. The goal of the program was to reduce right angle accidents (side impact) inside the borders of the identified intersections.
 - These intersections were chosen utilizing the following criteria: (1) volume of traffic and violations, (2) intersection collisions, (3) complaints, (4) intersection design, (5) and available infrastructure.
 - In 2007, ten cameras were erected throughout the city, and in 2009 three additional cameras were added to the program. Currently, 12 cameras monitor 11 intersections.
 - The contract can be terminated with (30) days' notice prior to expiration of the current term. The current term ends on April 26th, 2017.
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Red Light Cameras

Intersection Data



****Best Data Available 2014-2015****
****Corpus Christi PD did not work minor crashes from 2014-2015****

Date activated	Intersection	Average Crashes	Average Crashes w/injuries	Side Impact Crashes	Average Rear End Crashes	Total Approved Violations	Right Turn on Red
07-31-2007	Ayers & Baldwin Pre-Camera 2005-2006	12	2	5	4	Unavailable	Unavailable
	Ayers & Baldwin Post-Camera 2012-2014	11	5	1	5	6,478	5,318
07-30-2007	Ayers & Gollihar Pre-Camera 2005-2006	33	4	4	12	Unavailable	Unavailable
	Ayers & Gollihar Post-Camera 2012-2014	20	5	2	10	5,931	3,097
02-28-2009	Baldwin & Greenwood Pre-Camera 2007-2008	14	1	4	4	Unavailable	Unavailable
	Baldwin & Greenwood Post-Camera 2012-2014	7	3	2	3	4,901	783



Red Light Cameras Intersection Data



****Best Data Available 2014-2015****

****Corpus Christi PD did not work minor crashes from 2014-2015****

Date activated	Intersection	Average Crashes	Average Crashes w/injuries	Side Impact Crashes	Average Rear End Crashes	Total Approved Violations	Right Turn on Red
03-26-2007	Everhart & Holly (NB) Pre-Camera 2005-2006	18	2	3	8	Unavailable	Unavailable
	Everhart & Holly (NB) Post-Camera 2012-2014	14	5	1	7	5,611	1,593
07-03-2007	Everhart & Holly (SB) Pre-Camera 2005-2006	16	2	2	8	Unavailable	Unavailable
	Everhart & Holly (SB) Post-Camera 2012-2014	12	2	1	7	4,993	1,652
07-03-2007	Greenwood & Gollihar Pre-Camera 2005-2006	4	1	1	1	Unavailable	Unavailable
	Greenwood & Gollihar Post-Camera 2012-2014	3	1	0	2	3,750	0



Red Light Cameras

Intersection Data



Date activated	Intersection	Average Crashes	Average Crashes w/injuries	Side Impact Crashes	Average Rear End Crashes	Total Approved Violations	Right Turn on Red
07-23-2007	Holly & Weber Pre-Camera 2005-2006	35	3	6	20	Unavailable	Unavailable
	Holly & Weber Post-Camera 2012-2014	29	6	1	18	5,339	4,262
07-09-2007	McArdle & Airline Pre-Camera 2005-2006	24	3	3	16	Unavailable	Unavailable
	McArdle & Airline Post-Camera 2012-2014	16	3	1	10	7,785	7,276
02-27-2009	Ocean & Airline Pre-Camera 2007-2008	4	1	1	1	Unavailable	Unavailable
	Ocean & Airline Post-Camera 2012-2014	4	1	0	3	6,788	0
07-16-2007	Ocean & Doddridge Pre-Camera 2005-2006	10	2	5	3	Unavailable	Unavailable
	Ocean & Doddridge Post-Camera 2012-2014	4	1	1	2	7,576	0
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Red Light Cameras

Intersection Data



Date activated	Intersection	Average Crashes	Average Crashes w/injuries	Side Impact Crashes	Average Rear End Crashes	Total Approved Violations	Right Turn on Red
02-27-2009	Staples & Kostoryz Pre-Camera 2007-2009	14	2	1	8	Unavailable	Unavailable
	Staples & Kostoryz Post-Camera 2012-2014	6	1	0	4	4,324	0
07-20-2007	Staples & Williams Pre-Camera 2005-2006	32	3	1	20	Unavailable	Unavailable
	Staples & Williams Post-Camera 2012-2014	9	2	1	3	15,011	11,137
08-02-2007 through 08-20-2013	Yorktown & Cimarron Pre-Camera 2005-2006	6	1	1	4	Unavailable	Unavailable
	Yorktown & Cimarron Post-Camera 2012-2013	6	4	0	4	135	0



Red Light Cameras Expenditures and Revenue



Red Light Program - Expenditures

Gross Revenue FYI 2016	\$1,852,579.84
Redflex: Camera leases (\$4,870 each camera, plus additional fees for scofflaw flags. The average amount for flags is about \$6750 per month).	-\$783,030.00
Salary and wages: one Police Officer and two Management Assistants Amount includes retirement, group insurance, employee benefits, police vision insurance and sworn employee dental	-\$270,097.11
Expenses: Including Office lease, office supplies, contract labor, travel, postage, printing, licenses, collections	-\$94,530.78
Municipal Information Systems and minor tools and equipment	-\$31,114.54
Total Net Revenue *This amount is divided equally between the State of Texas and the City of CC after the above expenditures are met*	=\$673,807.41

Red Light Program – Amount due to the State of Texas

Funds sent to the State: used for trauma facilities throughout the State	\$336,903.71
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Red Light Program – Amount due to the City of Corpus Christi

Net revenue to the City: (below cells represent FY 15-16 disbursements)	\$336,903.71
Traffic Engineering: Utilize the funds for School Zone and Intersection updates that improve traffic safety (flashing lights)	-\$120,682.64
Police Department: Utilize the funds for Traffic Officer training (Drug Recognition Experts), Laser Mapping equipment for crash investigations, Electronic ticket writers, Vehicle detection systems for intersections	-\$120,682.64
Crossing Guard Program	-\$95,538.42

The items in this chart are funded solely by the Red Light Camera Program



Red Light Cameras Options Moving Forward



- Let contracts with REDFLEX auto renew for five years for administration of Photo Red Light Enforcement Program and management of Red Light Scofflaw
- Not allow auto renewal of agreements with Redflex by sending notice of non-renewal at least 30 days prior to April 26th, 2017 (no unamortized cost due):
- Cancel current contract agreement with REDFLEX prior to the natural end date of April 26th, 2017. This action would result in an unamortized cost of \$5,238 to be assessed for the cost of camera installation.