



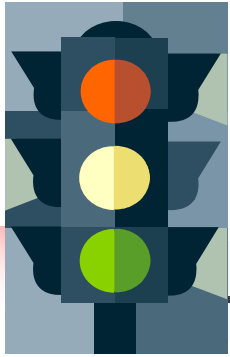
Automated Red Light Camera Enforcement

SafeLight
Dallas Stops on Red!



Presented to: Automated Red Light Enforcement Commission

Date: November 3, 2009



2 Year Post Safety Report

Accidents

60 camera approaches at **49** intersections

Camera Approaches Only

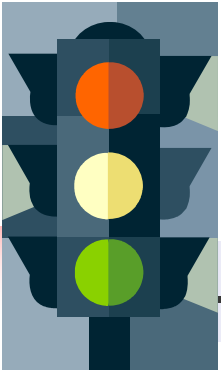
- **63%** average reduction in accidents caused by red light running
- **49** of the 60 approaches showed reductions in red-light related accidents

Intersections - All Approaches

- **30%** average reduction in accidents caused by red light running
- **49%** average reduction in all accidents of all types
- **45** of the 49 intersections showed reductions in red-light related accidents

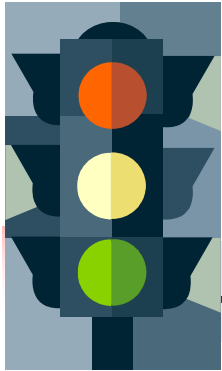
No Rear-end Accident Trend

- **20%** reduction in rear-end accidents at intersections with cameras
- **37** of the 49 intersections with camera showed a decrease or no change in rear-end accidents



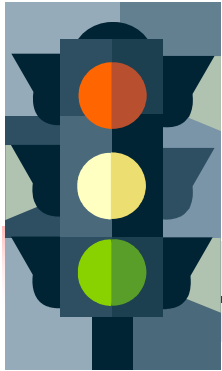
Public Awareness Campaign

- National Stop on Red Week - August 3-7th
 - August 5, 2009 - Celebration in City Hall main lobby with information brochures, statistic posters, treats and novelty items
 - Mayor Leppert Issued a Proclamation
 - Survey questions answered by participants:
 - Is it important for the City of Dallas to have public safety programs to make our roads safer – 98% agreed
 - Are you required to come to a complete stop at a red light before turning right? 100% said yes
 - Has the new photo enforcement cameras caused you to improve your driving habits?
 - 79% - Yes
 - 12% - No
 - 8% - Don't know



Non Issuance, Issuance and Dismissals FY08-09

FY 08-09	
TOTAL EVENTS CAPTURED	1,007,812
NON VIOLATIONS	812,176
POSSIBLE VIOLATIONS	195,636
CONTROLLABLE EVENTS REJECTED	23,930
NON CONTROLLABLE EVENTS REJECTED	37,745
VIOLATION IN PROCESSING STATUS	4,888
VIOLATIONS MAILED AS CITATIONS	129,073
CITATIONS DISMISSED BY ADJUDICATION	1,884
ENDING CITATIONS FOR FY 08-09	127,189



Non-Issued Events

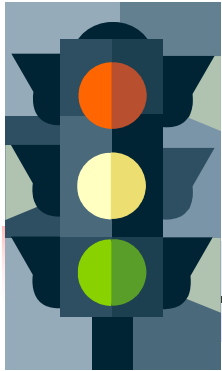
FY08-09

CONTROLLABLE EVENTS BY CONTRACTOR

Clarity of Plate	10,485	43.82%
Dark Environment	488	2.04%
DMV – Clarity of Plate	531	2.22%
Equipment Malfunction	1,456	6.08%
Lane 1 Remediation	162	.68%
Lane ID Error	415	1.73%
Lane ID Error	113	.47%
Over Exposed	643	2.69%
Picture Bad	2,386	9.97%
Signal Head Not Visible	53	.22%
Unclear Tag	2,545	10.64%
Video Not Usable	1,798	7.51%
Video Not Usable by Officers	2,758	11.53%
Wrong Plate Keyed	97	.41%
TOTAL	23,930	100%

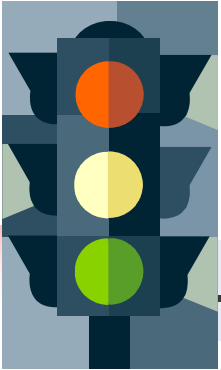
Non-Issued Events

FY08-09



UNCONTROLLABLE EVENTS BY CONTRACTOR

Car Obstructed	2,613	6.92%
Dealer Tag	616	1.64%
DMV – Dealer Tag	111	.29%
DMV – Old Issue Date Expired	23	.06%
DMV – Plate Obstructed	119	.32%
DMV – Temporary Tag	3	.01%
DMV – No Hit	6,177	16.37%
EXP – DMV No Hit	48	.13%
EXP – Old Issue Date by Officer	929	2.46%
Glare on Plate	3,414	9.04%
Green – 2 nd Pic by Officer	40	.11%
Hazardous Road Conditions by Officer	27	.07%
High Profile Vehicle	20	.05%
High Profile Vehicle by Officer	107	.28%
Missing Make by Officer	10	.03%
Missing TRF Light by Officer	10	.03%
No Plate	1,960	5.19%
Not Issued – DMV Reject	6,907	18.30%
Obscured Tags by Officer	40	.11%
Officer Present by Officer	7	.02%
Old Issue Date by Officer	14	.04%
Old Issue Date Expired	2	.01%
Plate Damaged	100	.26%
Plate Obstructed	9,972	26.42%
Rejected by Officers (other)	221	.59%
Temporary Tag	3,938	10.43%
Temporary Tag by Officer	2	.01%
Vehicle Match Failure by Officer	315	.83%
TOTAL	37,745	100%



Appendixes

- Business Rule that Determines a Violation
- State Legislative Update Regarding Emergency Vehicles - Senate Bill 926
- Sample of Red Light Collection Notice in Spanish
- List of Councilmember's Commission Appointees

Business Rules that Determine a Violation

Business Rule	Program Compliance
Issue violations to out-of- state plates	YES
Minimum red light time showing on first violation photo	0.1 seconds
Vehicle speed	≥ 15 mph
Number of days before ACS must submit violations for officer review and number of days before citation must be mailed to registered driver of vehicle	7 business days / 30 calendar days
On-duty law enforcement personnel cited	NO DO NOT ISSUE, the vehicle's light bar must be visible (but it does not need to be flashing)
City and county emergency vehicles cited	NO DO NOT ISSUE, the vehicle's light bar must be visible (but it does not need to be flashing)
Privately owned emergency vehicles cited	NO DO NOT ISSUE, the vehicle's light bar must be visible (but it does not need to be flashing)
Non-emergency city & county vehicles cited	YES
Off-duty law enforcement personnel cited	YES
Fleet vehicles	Will be cited and processed as normal violation
Rental or lease vehicles	Rental or lease vehicles cited and processed as normal violation
Dealer plates	Rejected at initial review-N&A not returned
Temporary plates	Rejected at initial review-N&A not returned
Hazardous road conditions	ACS will process events as normal and it will be up to the City of Dallas' discretion concerning citation issuance
Funeral procession	No citations will be processed when a vehicle is traveling through a red light as part of a funeral procession if a police officer/vehicle is visible in the image
Officer directing traffic	No citation will be processed if there is an officer directing traffic in the image or video
Vehicle joint ownership	The first registered owner's name will be used
Criteria for violation	Populated data box except velocity, (NO V - - or Zero Speed)
	Legible plate photo
	Entire vehicle must be behind leading stop bar in primary photo and the rear tire must be beyond trailing edge of the crosswalk or stop bar (whichever is trailing) in secondary photo, for semi-trucks this applies to the vehicle only not the trailer, for other long vehicles, see supervisor
	No funeral procession or intersection control (officer/ vehicle or flagman visible)
	Multiple violations are accepted
	Right Turn on Red: Officers must review the video clip to determine if the vehicle did not stop first before turning right. Use stop bar as the violation point.
	Left turn on a Red from a "one way" street onto a "one way" street will be cited if the rear tires of the vehicle have past the stop bar. The enforcement officer will review the video clip to determine issuance if the vehicle did not stop first before proceeding.

State Legislative Update

Regarding Emergency Vehicles

S.B. No. 926

1 AN ACT

2 relating to the imposition of a civil penalty against the owner of
3 an authorized emergency vehicle for a violation recorded by a
4 photographic traffic signal enforcement system.

5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

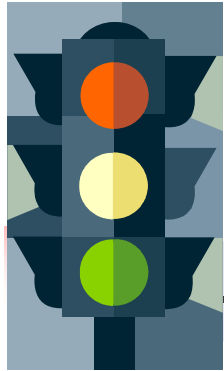
6 SECTION 1. Chapter 707, Transportation Code, is amended by
7 adding Section 707.0021 to read as follows:

8 Sec. 707.0021. IMPOSITION OF CIVIL PENALTY ON OWNER OF
9 AUTHORIZED EMERGENCY VEHICLE. (a) In this section, "authorized
10 emergency vehicle" has the meaning assigned by Section 541.201.

11 (b) A local authority may not impose or attempt to impose a
12 civil penalty under this chapter on the owner of an authorized
13 emergency vehicle.

14 (c) This section does not prohibit an employer from taking
15 disciplinary action against an employee who as the operator of an
16 authorized emergency vehicle operated the vehicle in violation of a
17 rule or policy of the employer.

18 SECTION 2. This Act takes effect September 1, 2009.



List of Councilmember's Commission Appointees

Delia Jasso	Eladio Martinez
Deputy Mayor Pro Tem, Pauline Medrano	Charlie Chen
David A. Neumann	VACANT
Mayor Pro Tem, Dwaine R. Caraway	VACANT
Vonciel Jones Hill	Carl Raines
Steve Salazar	Jessica Sepulveda
Carolyn R. Davis	VACANT
Tennell Atkins	VACANT
Sheffie Kadane	Ben Davis
Jerry R. Allen	Chick Cowan
Linda Koop	Brett Ferguson
Ron Natinsky	VACANT
Ann Margolin	Edwin Bright
Angela Hunt	Steve Rosato
Mayor Tom Leppert	Raul Magdaleno (Chair)
City Staff	Beth Ramirez