

# Automated Red Light Camera Enforcement



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 3-7<sup>th</sup>
  - 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 EVENT	S 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 <sup>nd</sup> 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 YES				
Minimum red light time showing on first violation photo	0.1 seconds				
Vehicle speed	> 15 mph				
	2 13 Hiph				
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				
	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				
Criteria for violation	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.

### Sample of Spanish and English Notice

COLLECTION SYSTEMS NÚMERO DE MATRICULA TX 027LNP FASHICANTE VEHIC 1,5X9. Nº MULTA DC004307848 MONTO TOTAL ADEUDADO 100 00

AVERY REDD

FECHA DEL CORRECII 07/09/09

#### NOTIFICACIÓN DE QUENTA MOROSA

Su quenta morças ha sido derivada a LDC Collection Systems por parte de la Ciudad de Dalias. Texas, para ci ad control in order to a control of a control of a control of the control of todas for motion of the control of todas for motion of todas for moti utilitari todas los modios legates disponibles para el cutro del saldo pendicine. Si no quede pagar el saldo en su follalidad, estamos autorizados por la Ciudad de Dallas a incluida en un plan de pagos a plazos. Para suscribirse a diche paronaente par la circular de Dalias a dicultar en un pian de pagos a piezos. Francisco de 1-868-2477-1951. Seguiromos oxi este tramito hasta recibir la fotalidad del pago, la satisfacción de la deuda o su suscripción a un clara de pagos a plazos valido.

LDC COLLECTION SYSTEMS as una compañía nacional autorizada para el cobre de su deuda pendiente. Este es un unlento de cobre de un sable pendiente y cualquier información obtenuta se utilizará con ese croposito. Si cesem presentar una localmación sobre la valdada de este notigación o sobre cualquier parte de la anisma, deberá notificarselo a LDC por escrito a: P.O. Rox 650302, Dellas, TX 75265 durante los 30 dias posteriores a la recepción de esta notificación, o llamar al número gratuito de atanchin el cliento 1-886-247-1951, de funas a viernes, de 815 de la mañana a 515 de la tarde. De lo contrario, esta oficina considerará que el asunto es válido y procederá en consecueno a

ļ	Número de multa	PECHA INFRACCIÓN		UBICAÇIÓN		MONTO A	DEUDADO	ļ
	LV0004267845	C4/10/00	E	RL Tromton SR WB &	Harwin	d 100	.00	

Ésto es un asunto muy serio y requiere su atención inmediata. Se Impondiá in cargo de 30 didiares por talla de fondos por carla cheque rochazario. No envie dinero en efectivo. Anote su número de muita en su cheque o Misney order

Decrete a magnetic in some on groups. Include an el chapter becommended for message also inner de la licencia de minicipa para garantizar in estracio de formade NO ENVISID NEFO EN EFECTIVO. FIL CHECKE O MONEY ORDER DEBERA HACERSE PAGADERO A NOMBRIL DE LA CICIDAD.

P.O. Box 650302 Dallas, Texas 75265-0302 FECHA DEL CORRED: 07/09/09

NÚMERO DE MATRICIJI A TX 027LNP FABRICANTE VEHIC. . FXS Nº MULTA (20004257945) MONTO TOTAL ADEUDADO 100.00 Monto enviado: \$

LDC COLLECTION SYSTEMS PO BOX 650302 DALLAS TX 75265-0302

directate language floring from the force of the constant fortal

Para realizau psyns a través de Internet, visite www.datascityhall.com, seleccione la opción SafaLight Violation. Ficket e introduzca el número de multo. D0004267845

CLULEZ

DALLAS TX 75265-0302 

MAIL DATE: 12/13/07

LDCCOLLECTION SYSTEMS

> LICENSE PLATE NUMBER TX W31ZLZ

VEH. MAKE NISS CITATION NO. DO001888635 TOTAL AMOUNT DUE 100.00

Harddooddlaadladdlaadddiblabddbaddla AUTO\*\*SCH 5-DIGIT 75203 1 T1:1 ATLAS LEASING LLC 46734700171 686 S R L THORNTON FWY DALLAS TX 75203-3013

#### NOTIFICATION OF DELINQUENT ACCOUNT

Your delinquent account has been referred to LDC Collection Systems by the City of Dallas, Texas to collect all unpaid amounts due on the red light citations and penalties issued to you or a vehicle registered in your name. LDC Collection Systems is authorized to use all logal means available to collect this outstanding balance. If you cannot pay the balance in full, we are authorized by the City of Dallas to enroll you in an installment payment plan. To be enrolled you must contact a collection representative at 1-866-247-1951. We will continue to pursue this matter until payment is received in full, the debt is satisfied or you are enrolled in a valid installment payment

LDC COLLECT ON SYSTEMS is a national firm authorized to pursue your delinquent debt. This is an attempt to collect an outstanding balance and any information will be used for that purpose. If you wish to disjute the validity of this obligation or any portion thereol, you must notify LDC in writing at P.O. Box 650302, Dalas, TX 75265 within 30 days of receipt of this notice or call customer service toll free at 1-866-247-1951 Monday - Friday 8:15 a.m. - 5:15 p.m. Otherwise, this office will consider the matter to be valid and will proceed accordingly.

Citation Number	ISSUE DATE		LOCATION		J	MOUNT D	UE
DC001898535	10/08/07	Cait	Rc NB © B	anner DrXXX	XXXXX	100,00	
		1					

This is a very serious malter and requires your prompt attention.

An Insufficient Fund Charge of \$30.00 will be imposed for each dishonored check, "\*\*Do not send cash. Write your citation number on your check or money order. \*\*\* Solver this bottom portion with your payment. Include Citation Number(s) and Driver's License number on check to ensure proper citation.

DO NOT SEND CASH, MAKE CHECK OR MONEY ORDER PAYABLE TO CITY OF DALLAS

P.O. Box 650302 Dallas, Texas 75265-0302 Mail Date: 12/13/07

LICENSE PLATE NUMBER TX W91ZLZ VEH, MAKE NISS CITATION NO. DOC01898535 TOTAL AMOUNT DUE 100.00

Amount Enclosed: \$

LDC COLLECTION SYSTEMS PO BOX 650302 DALLAS TX 75265-0302

Healthaidh ahlian Halland Health an Ialland I and

ATLAS LEASING LLC 686 S.R. L. THORNTON FWY DALLAS TX 75203-3013

To pay online visit www.dallascityhall.com\_solect SafeLight Violation Ticket, enter citation number D0001898535



# 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