



# Red Light Camera Program Memorandum of Understanding

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September 23, 2008



# Council Action

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- Authorize City Manager to execute a Memorandum of Understanding with the County to operate a Red Light Camera Program within the City Limits.



# Red Light Camera Program Background

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- 1999 - Red Light Camera Program Initiated
  - To address intersection safety
- 2002 - State Audit of Program
  - Operated at a loss
  - Additional oversight needed
- 2003 - Memorandum of Understanding with County
  - Management turned over to County
  - Expires December 2008



# Red Light Camera Intersections

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## □ **Current Intersections**

- Alhambra Boulevard/J Street (eastbound)
- Broadway/21<sup>st</sup> Street (westbound)
- El Camino Avenue/Evergreen Street (eastbound)
- Fair Oaks Boulevard/Howe Avenue (southbound left, eastbound left)
- Folsom Boulevard/Howe Avenue (southbound left)
- Mack Road/Center Parkway (eastbound)
- Mack Road/Valley Hi Drive/La Mancha Way (westbound left)
- W Street/16<sup>th</sup> Street/US 50 (westbound, westbound Hwy 50 offramp)

## □ **Decommissioned Intersections**

- Howe Avenue/College Town Drive
- Arden Way/Exposition Boulevard/Ethan Way
- Capitol Avenue/30<sup>th</sup> Street



# Proven Safety Benefits

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- Collision Data Comparison
- One year prior to camera installation and 2007
  - 31% decrease in red light collisions at red light camera intersections
  - 26% decrease in total collisions at red light camera intersections
  - 13% decrease in red light collisions citywide



# City Citation Distribution

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- \$371 Fine (VC 21453)
  - \$130 City
  - \$18 County
  - \$223 State
  
- \$402 Fine (with Traffic School)
  - \$161 City
  - \$107 County
  - \$134 State



# County Citation Distribution

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- \$371 Fine (VC 21453)
  - \$148 County
  - \$223 State
- \$402 Fine (with Traffic School)
  - \$270 County
  - \$132 State

# City Managed Program

Revenue/Expenditure Analysis	
	City (10 cameras)
Revenue (based on 2006/2007 paid citations)	\$730,240
Expenditures (Annual)	
City Admin Costs	\$396,510
Vendor Costs (based on \$4200/mo)	\$504,000
Total Expenditures	\$900,510
<b>Net Loss</b>	<b>(\$170,270)</b>

# County Managed Program Including City Intersections

Revenue/Expenditure Analysis	
	County (20 cameras)
Program Revenue (based on 2006/2007 paid citations)	\$1,898,244
Expenditures (Annual)	
County Admin Costs	\$793,020
Vendor Costs (based on \$4200/mo)	\$1,008,000
Total Expenditures	\$1,801,020
<b>Net Gain</b>	<b>\$97,224</b>

# Vendor Selection

- Request for Proposal for new RLC vendor in February 2008
- Ranking based on Qualifications, System Capabilities, Customer Service and Cost

<b>Vendor Ranking</b>	<b>Rank</b>	<b>Existing Cameras*</b>	<b>Additional Cameras*</b>
Redflex Traffic Systems	1	\$4200	\$5050
ACS State and Local Solutions	2	\$5498	\$5256
American Traffic Systems	3	\$5750	\$6750
Nestor Traffic Systems	4	\$7122	\$7122

\*monthly cost/camera

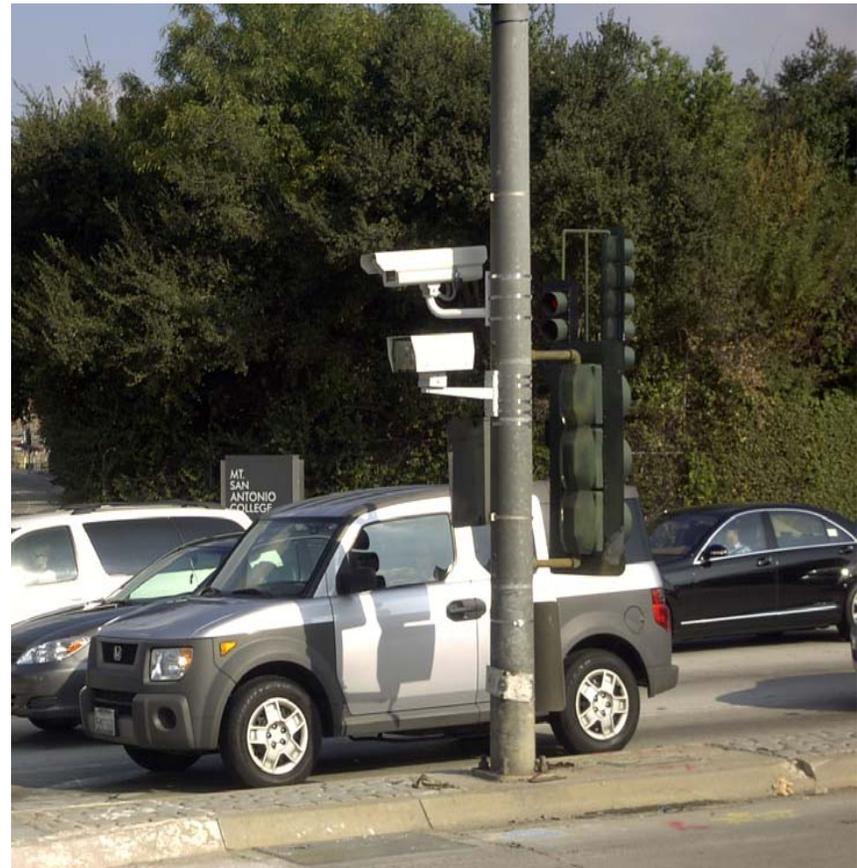


# New Technology Features

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- Camera system
  - Digitally records still images, video, violation data
  - Captures multiple violations across all lanes/single lane
- Internet accessibility
  - Violator can view photos/video online

# Sample Camera Mountings





# City/County MOU

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- County manages City Program
  - Contract with Vendor
  - MOU with City
- County receives all revenue for automated red light camera enforcement in City limits
  - County responsible for all program costs
- Five year term (3+2 year option)
- Maintain a minimum of 10 cameras
- Ability to add more cameras
- 90 day termination clause



# Summary

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- Program is effective in reducing red light collisions at enforced intersections
- No fiscal impact to City to continue program
- Request City Council to authorize City Manager to execute Memorandum of Understanding



# Next Steps

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- County approves MOU and vendor contract
- Vendor to reinstall existing camera locations (early 2009)
- Solicit and evaluate new locations for Red Light cameras
  - Criteria for new locations based on safety, feasibility, other engineering measures
- Return to Council within 6-8 months with new camera locations