

SafeLight Garland

Red Light Violation Reduction Program

Overview

- It's a Problem
- The SafeLight Garland Program
- Clearance Times
- Crash Trends

It's A Problem

It's a Problem

- It's against the law!
- Peoples lives are at stake
- 1,000+ deaths per year
- 100,000 crashes per year
- Decreases efficiency

SafeLight Garland

History

- Initiated by City Attorney
- Lockheed Martin – ACS
- Installed Cameras
- Court Cases
- New Contract
- Began September 16, 2003

SafeLight Garland

- More than Photo Enforcement
 - Media Event
 - Public Outreach
 - Confirmation Lights
 - Increased Enforcement – STEP Grants

How it Works

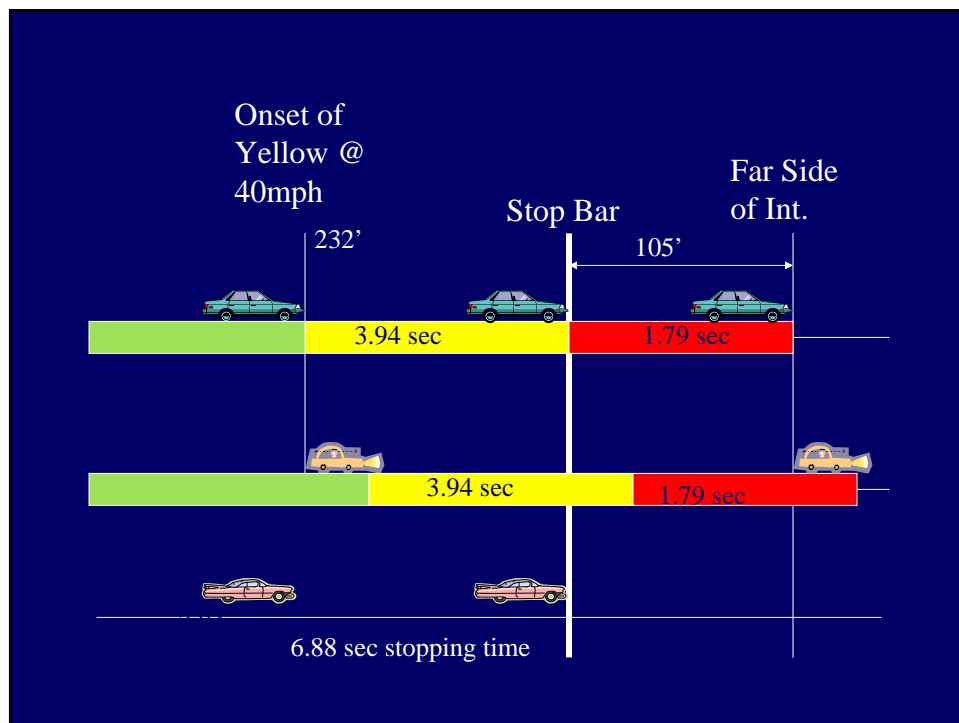
- Two Photos
- Contractor Processes Photos (flat fee)
- Police Review
- Notice of Violation Mailed
- \$75 civil penalty – first two offenses
- \$200 – third + offenses
- Opportunity for hearing





Vehicle Change Interval

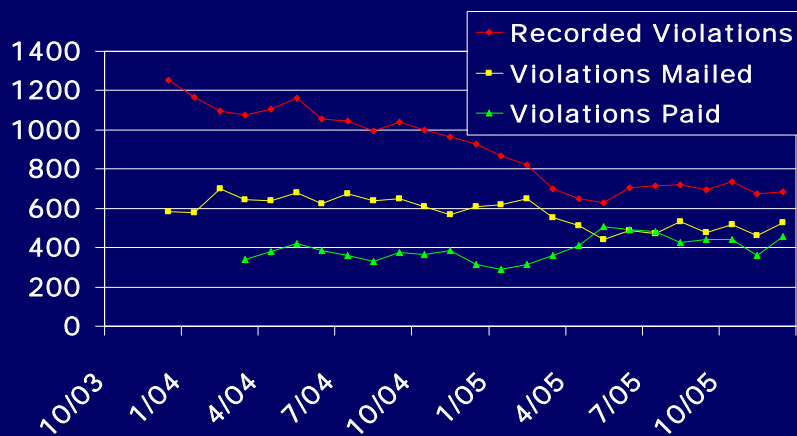
- Reviewed against ITE Formula
- Speed (mph) / 10
- None reduced
- 30 and 35 mph
- All-Red intervals generally increased



Current Status

- 105,114 violations (193 / week/camera)
- 66,611 notices of violation
- ~ 63 % pay
- September 16, 2003 – February 2006
- 21 % decrease in Violations Recorded

Violations per Camera



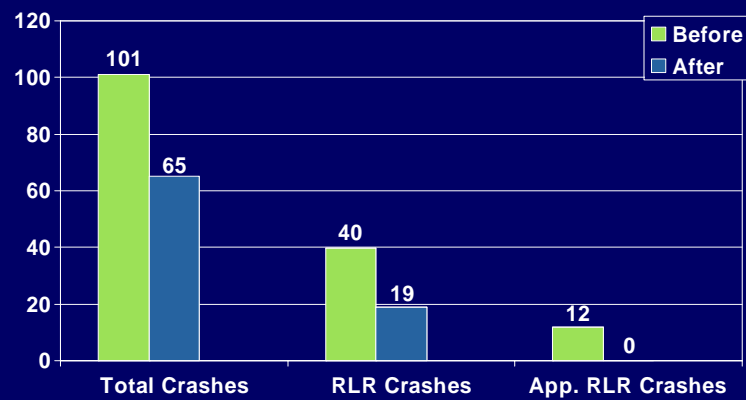
Crash Results

- Before vs. After
- Camera locations vs. control group
- Total crashes
- RLR crashes
- RLR crashes on camera approach
- Rear end crashes
- Injuries

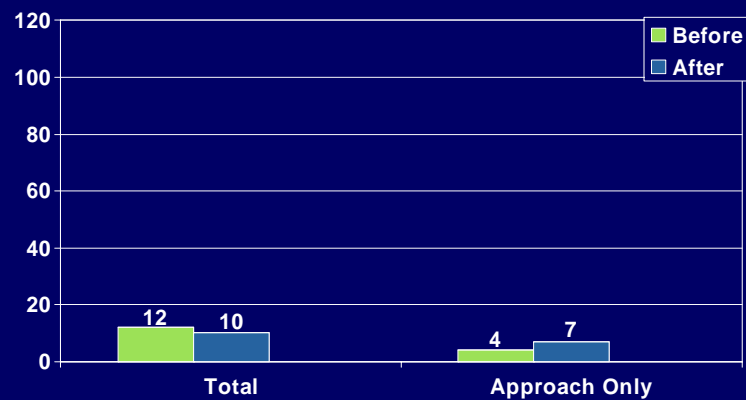
The Data...

- 4 intersections with Cameras
- 31 months before
- 31 months after
- All approaches
- Camera approaches only
- Control Group – 6 intersections

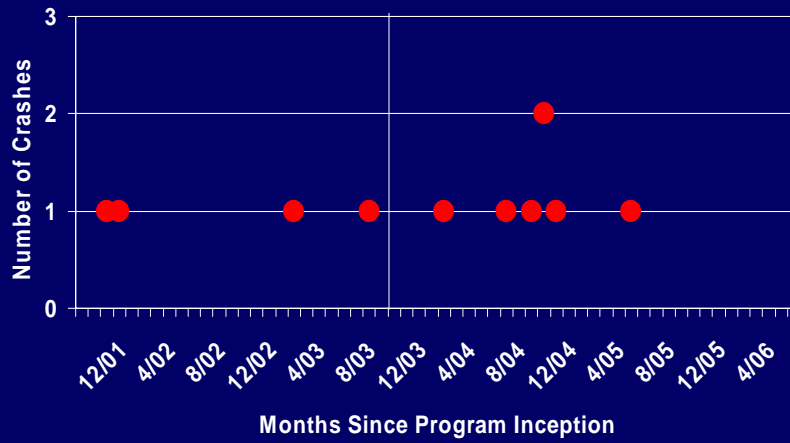
Crashes At Camera Locations



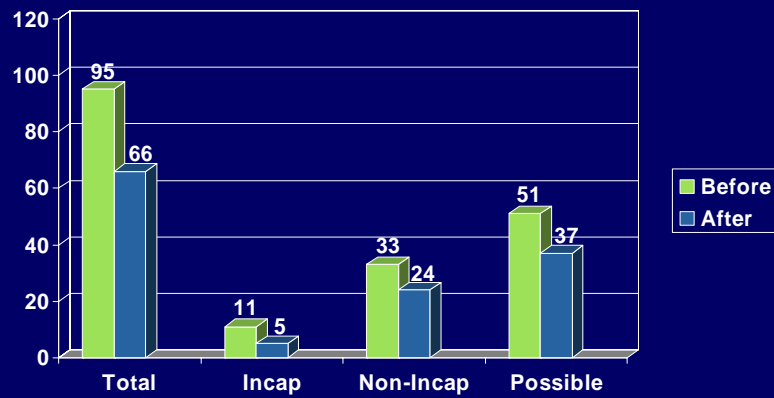
Rear End Crashes



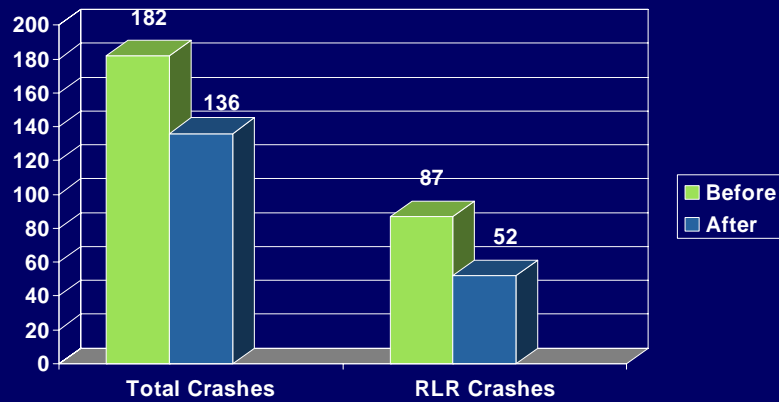
Rear End Crashes



Injuries



Control Group



	Intersections WITH Cameras	Intersections WITHOUT Cameras
Total Crashes	-36%	-25%
RLR Crashes	-53%	-40%

Crash Summary

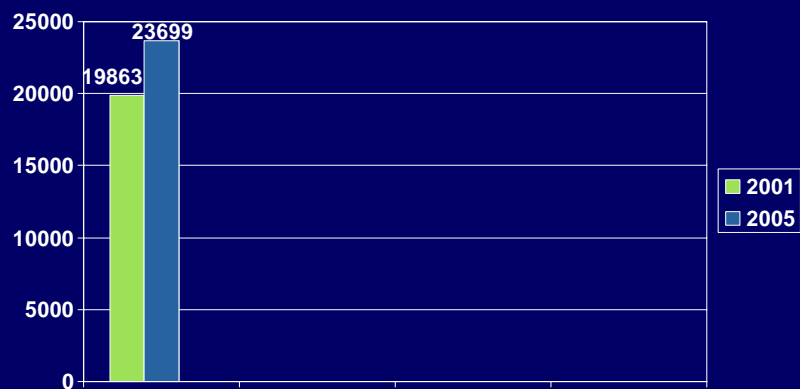
- Total RLR crashes reduced significantly (from 40 to 19)
- Rear end crashes increased on approaches (from 4 to 7)
- Total crashes were reduced significantly (from 101 to 65)

Conclusions

- SafeLight Program a Success
- Violations Reduced
- Crashes Reduced

Questions?

Volumes



Speed

