

**A**

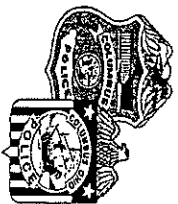
# **PHOTO RED LIGHT ENFORCEMENT COLUMBUS, OHIO**

OBJECTIVE To reduce traffic crashes and injuries and to improve adherence to traffic laws through the use of photographic and electronic technology as a supplement to traditional law enforcement. This technology will be used at high crash sites, other problematic intersections, or locations where officers cannot effectively enforce the laws. Automated Photo-Red Light enforcement is not intended to replace traditional law enforcement personnel, nor is it intended to mitigate safety problems increased by deficient road design, construction or maintenance. Rather, it provides enforcement at times and locations when police manpower is unavailable, difficult to utilize safely, or needed for other priority runs.

HISTORY (Locally) The Columbus Division of Police under the direction of Chief James G. Jackson convened a committee to study the field of Photo-Red Light technology and the feasibility of application in the jurisdictional limits of the City of Columbus. Various leaders in city government, traffic and safety, engineering, law as well as police officers from the Business, Traffic and Patrol Bureaus were enlisted to establish program goals and select a vendor to partner with the Division of Police to remediate the growing problem of red-light running. The Photo Red Light Committee exercised nearly 2-years of "Due-diligence" prior to selecting Redflex and forwarding official recommendations to City Council for approval (pending). Five (5) public forums were held\* to educate the general public to better understand the safety issues inherent to red-light running, including the economic and emotional tolls on the community. Additionally, residents were informed that red-light cameras are one element of an overall traffic safety management program to include education, engineering and enforcement. Red light cameras are not the sole solution to red-light running or traffic crashes in general, rather, the City of Columbus has a toolbox of measures to include:

**B**

# *Photo Red Light Enforcement*

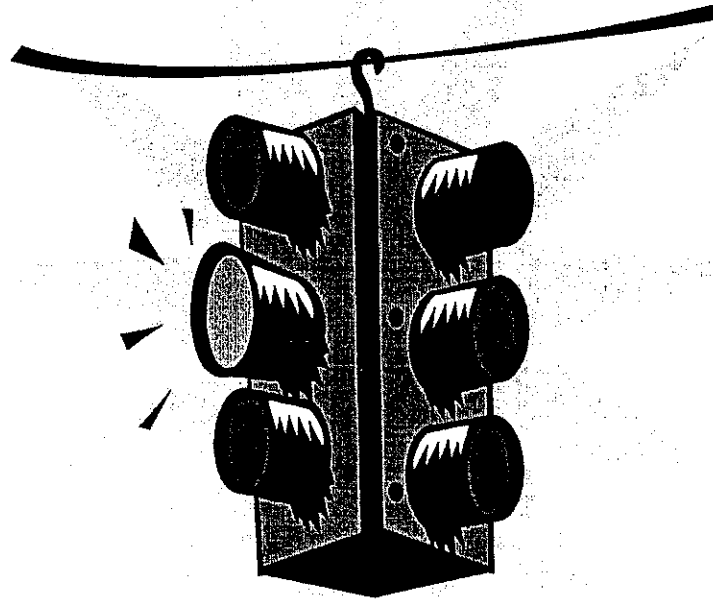


*Presented by Columbus Division of Police  
Traffic Bureau  
September of 2003*

# Photo Red Light Enforcement

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- Purpose
- Problem
- Benefits
- History
- How it works
- Implementing
- Revenue vs. Cost



# Purpose

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- Red light camera programs of today and tomorrow are built on the lessons learned-both the successes and shortcomings
- Programs and details are flexible depending on the need of the individual cities.
- Sound program management is essential to preserve program credibility and public support.

## Problem

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Local – In 2001 Red light running accidents were approximately 139 crashes in the top 13 intersections, with 69 injuries, Two fatalities at other intersections.

- Local – In 2002 Red light running was blamed for approximately 120 accidents in the top 12 intersections, with 53 injuries, with 12 fatalities at other intersections.

# Benefits

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- Enforcing Red light running by traditional law techniques of observation, chase, and citation, is not only dangerous to the officer, but also expensive.



# Benefits

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- Reduces traffic crashes
- Public safety is number one goal
- Increases Police Officer safety
- Decreases complaints on Officers
- Decreases Court costs
- Increases violator based revenues for other safety programs.
- Decreases health care costs locally.

## Benefits

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- Oxford, California reports a 29% reduction in injury accidents at the intersections with and without cameras.
- Fairfax, Virginia reports a reduction of 44% after one year of camera enforcement.
- Charlotte, North Carolina reports a reduction of 70 % in red light violations the first year.

# History

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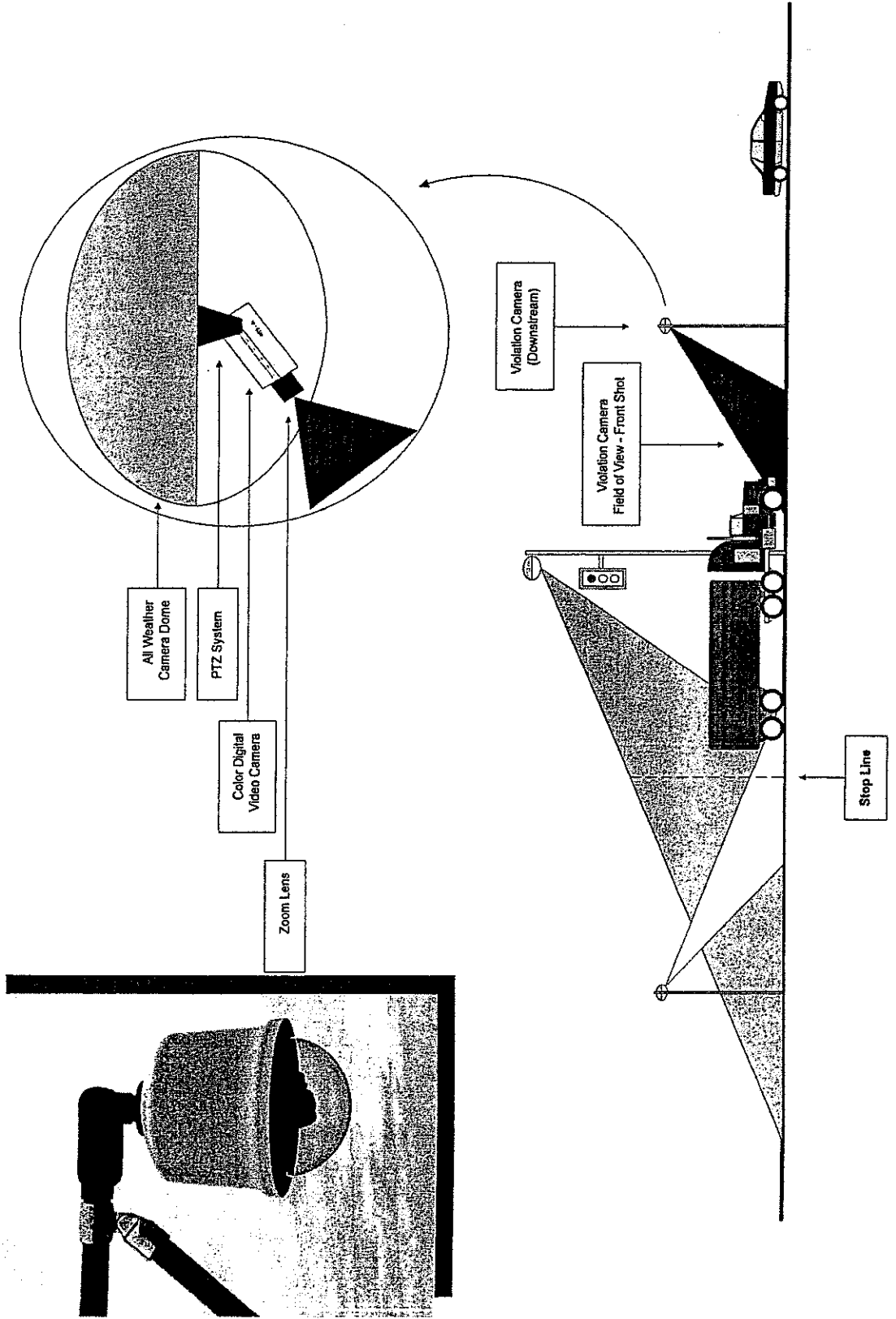
- Photo enforcement has been in several other countries for 35 years. Forty five countries are currently using this technology.
- United States began in New York City in 1993.
- New York City between 1981 and 1985, had a half million red light citations issued using traditional law enforcement personnel.

# History

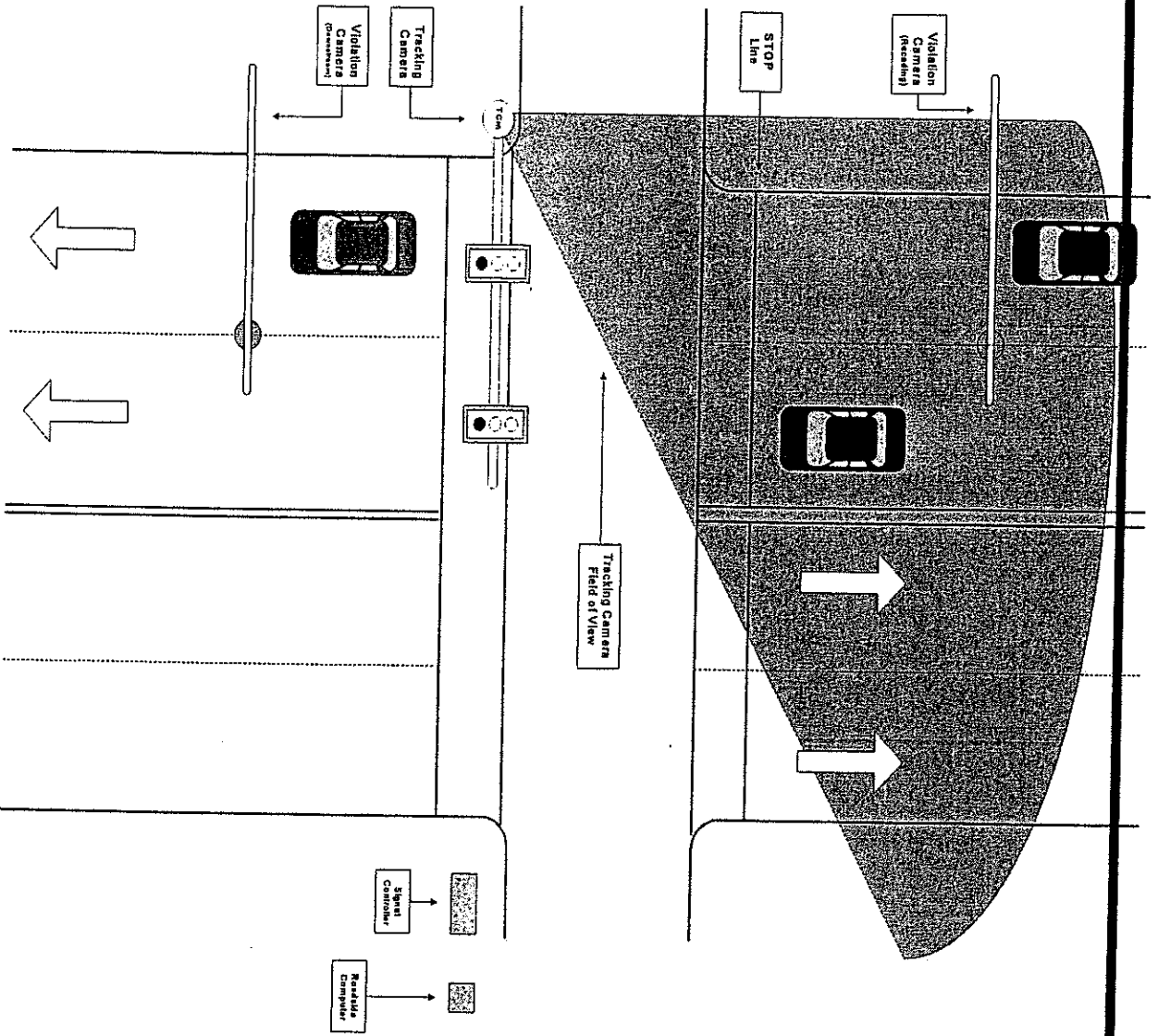
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- During the past 10 years the increasing number of motorists and the rise in aggressive driving have led to a surge in photo enforcement programs being started.
- In 1998 only 24 municipal enforcement programs were up and running.
- In 2002 - 70 municipal enforcement programs are running.
- 2003 – Several more are being added monthly.

# Fast PTZ Recording Camera



# Overview 'Tracking' Camera

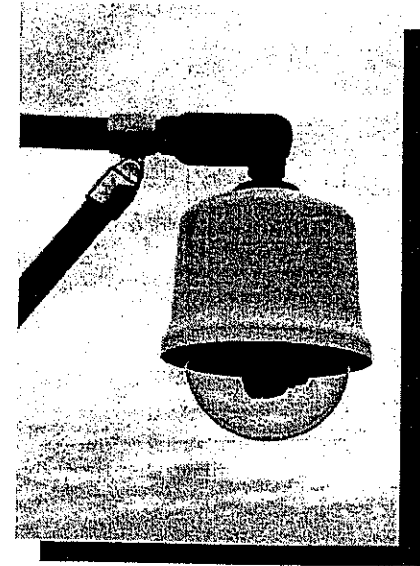


# Cameras

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- **Overview “Tracking” Camera**

- used to detect violators
- records 3-5 second full-context video



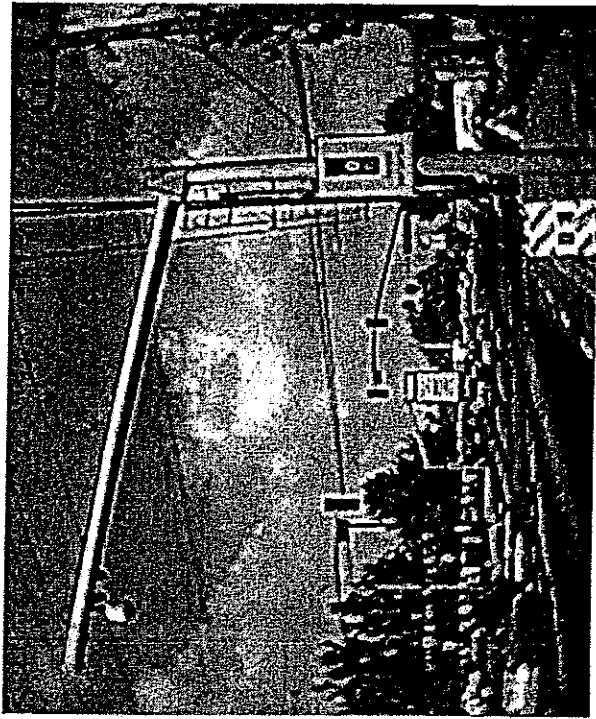
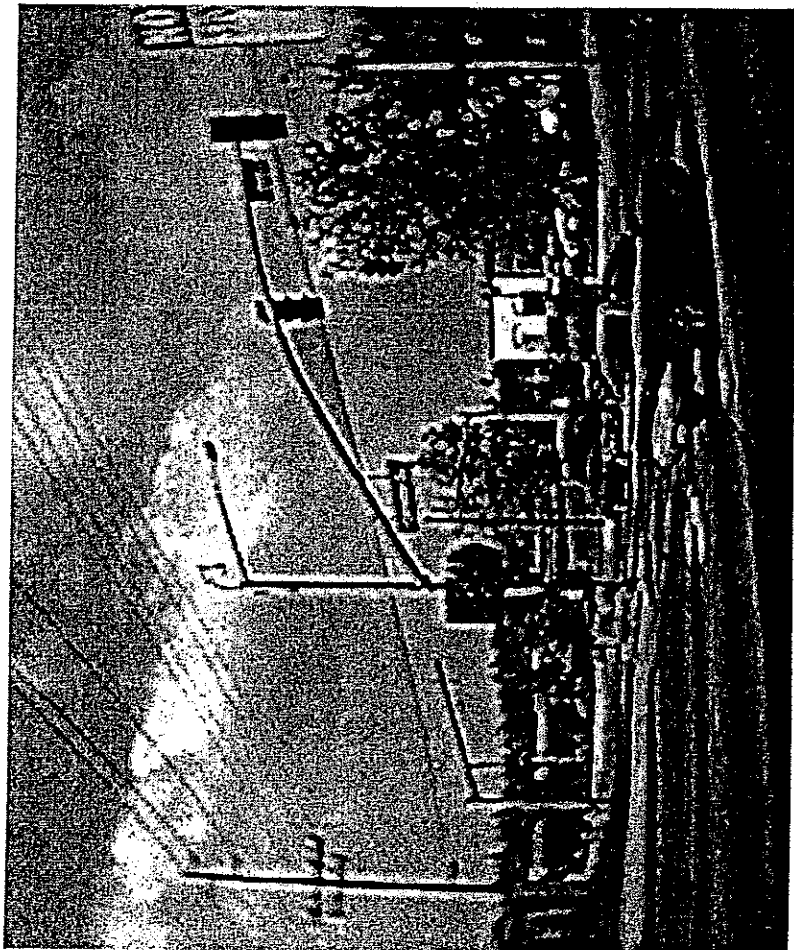
*Pan-Tilt-Zoom (PTZ) Video Cameras*

- **“Front/Rear” Camera**

- software-controlled to zoom in on violating vehicle
- records 20/30 close-up clips of front/rear license plate and driver image

# Baseline & Carnelian

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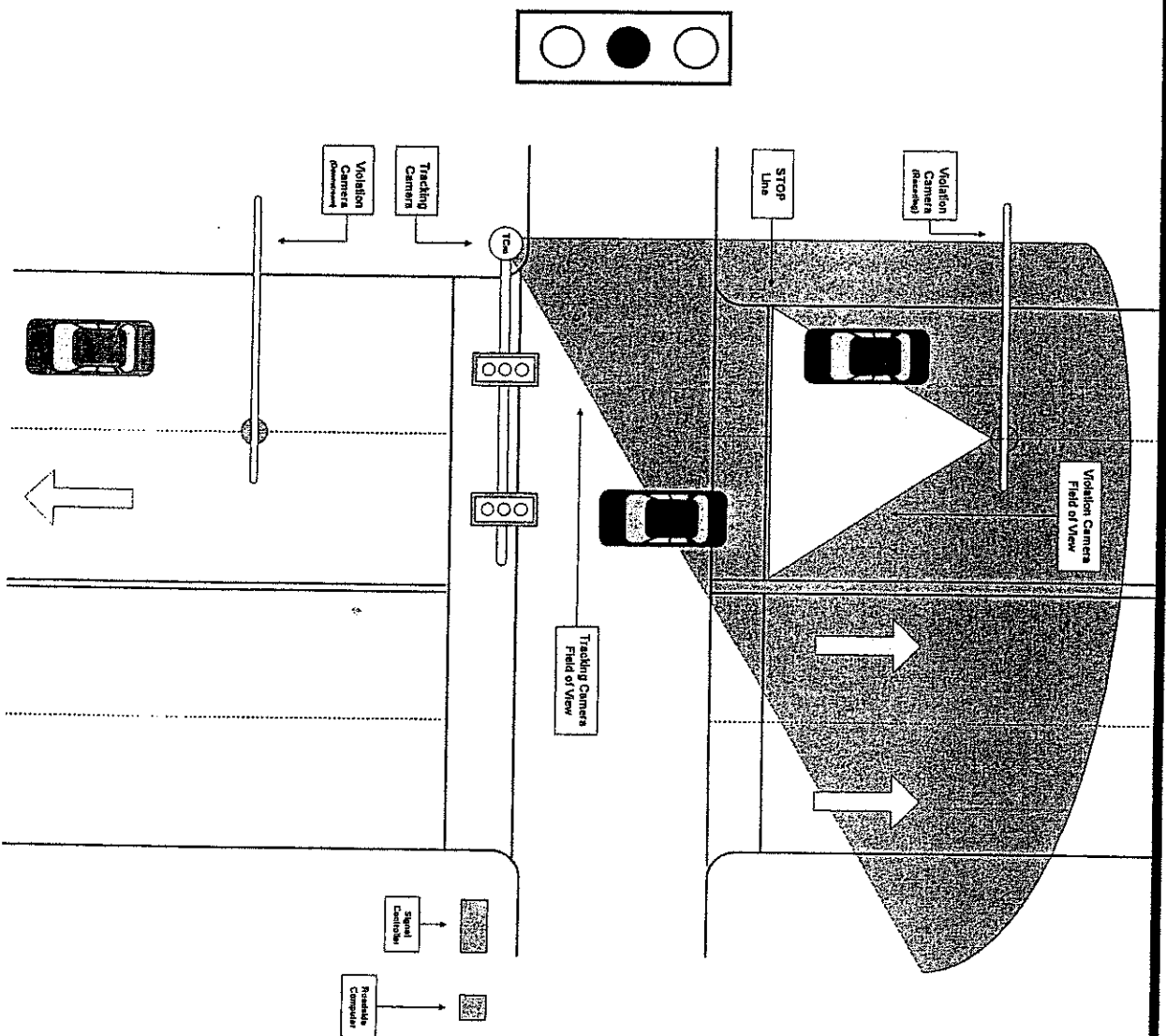


# How Red Light Cameras Work

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- To activate the cameras, drivers must enter the intersection after the light has changed from yellow to red.
- Those who enter the intersection prior to the light turning red, but who, for whatever reason, are trapped in the intersection when the light changes, do not trigger the camera.

# Tracking Camera & Violation Detection

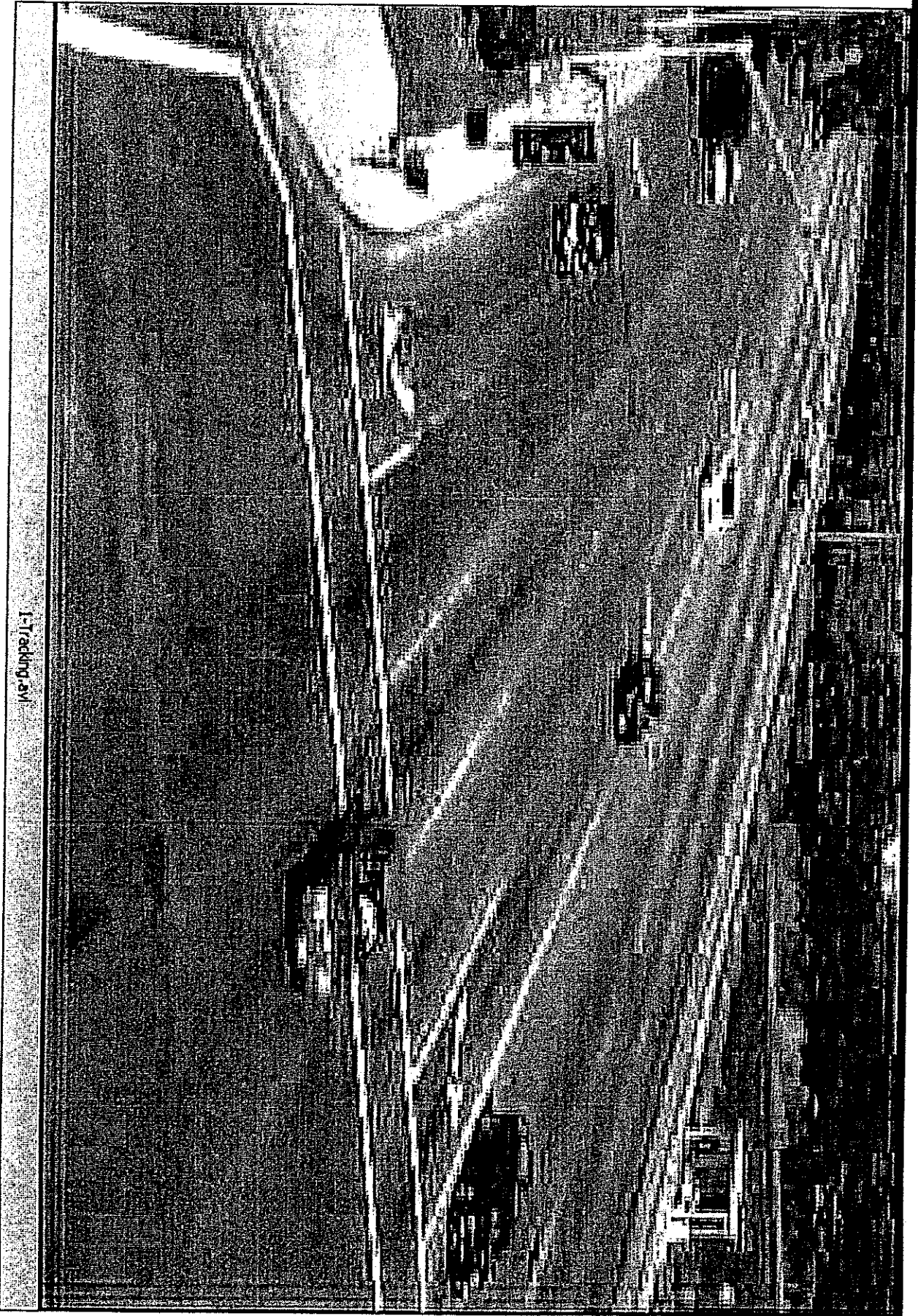


# How Red Light Cameras Work

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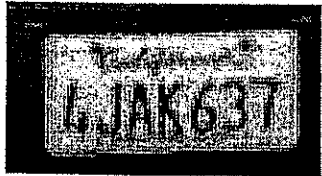
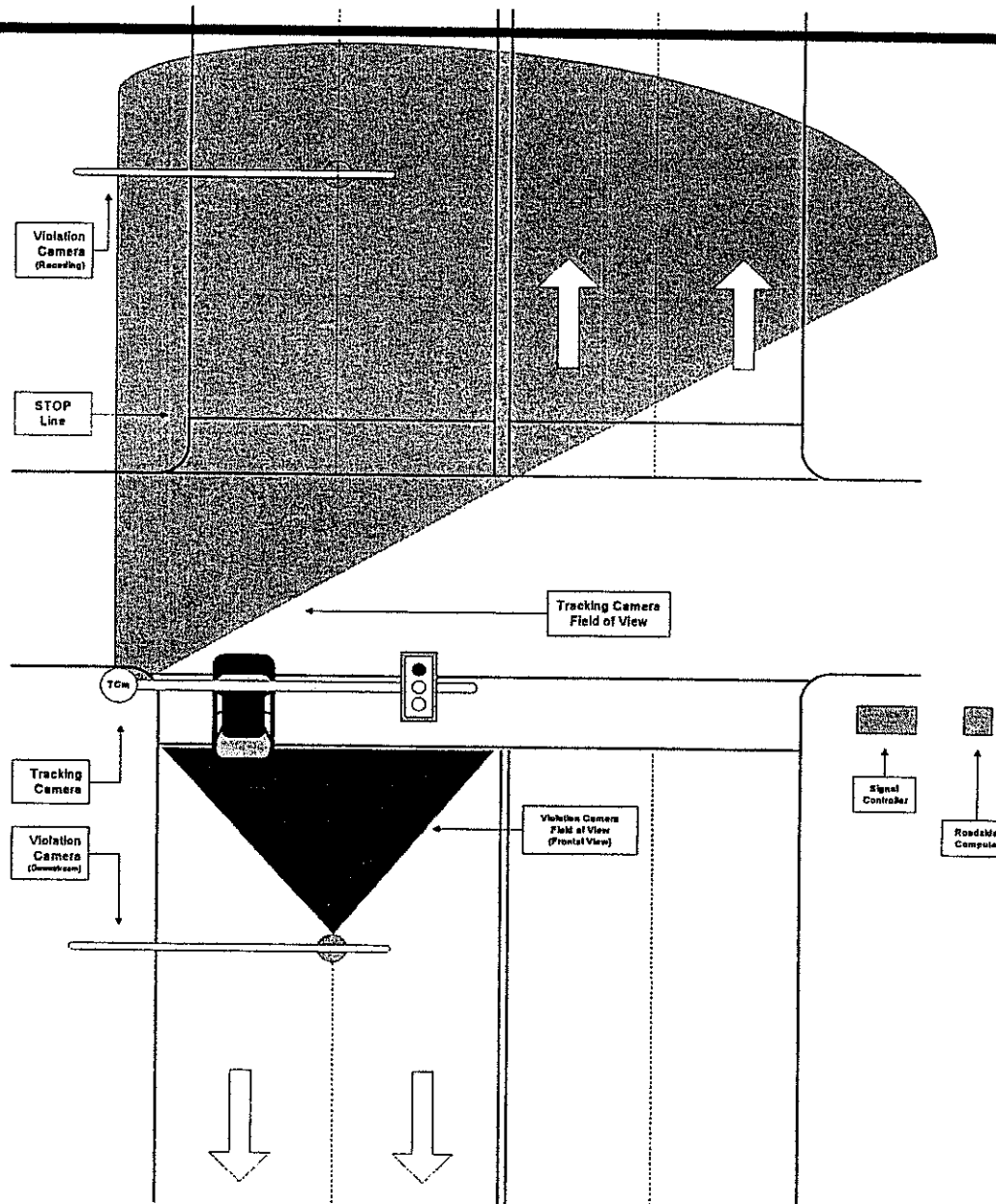
- When the system is activated by a vehicle running a red light, at least two pictures are taken by the camera.
- The first picture shows the vehicle not yet into the intersection while the traffic signal is already Red.
- The first picture must show the pavement markings defining the intersection by a stop bar or sidewalk markings.

# Overview “Tracking” View



[-Tracking.avi

# “Front/Rear” Camera



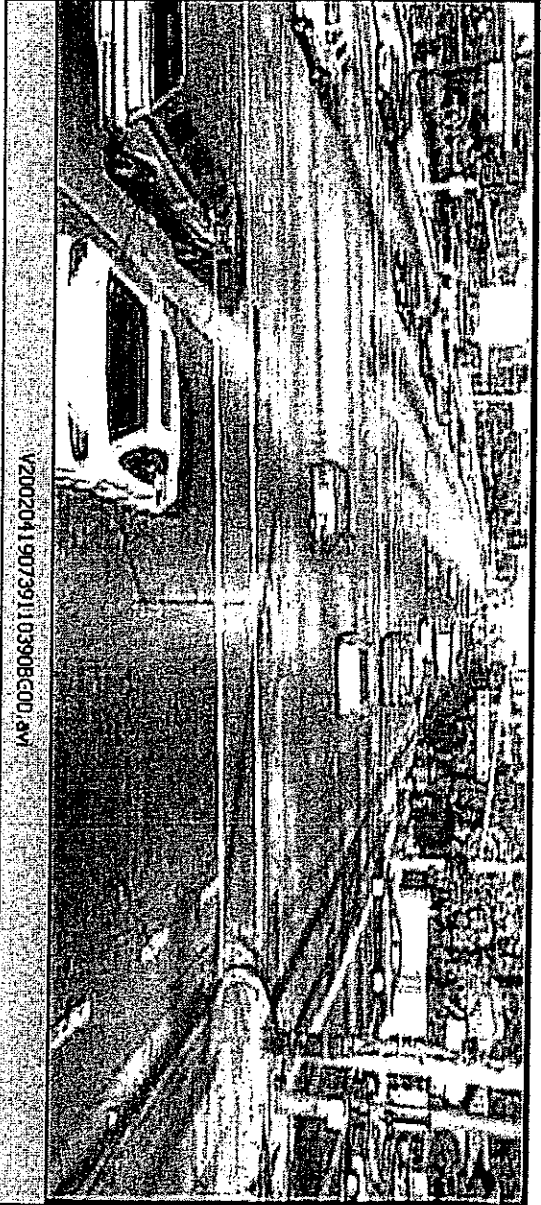
# How Red Light Cameras Work

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- The second picture then shows the vehicle continuing through the intersection a short time later. (.05 to 1.5 seconds)
- Most states only require the license plate be photographed, however, a third photograph of the driver in the states that require driver identification can be taken.

# “Front/Rear” View

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## How Red Light Cameras Work

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- The placement of traffic loops or sensors will often determine how many pictures will be taken by the system to differentiate between vehicles acceleration to run the traffic signal and vehicles attempting to stop or turn right on red.



# How Red Light Cameras Work

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- The camera records the date, time of day, time elapsed since the beginning of the red signal, and the speed of the vehicle.
- Trained Officers review the photo's and verify vehicle information and ensure the vehicle was in violation.
- Tickets are issued by mail to the registered owner.  
ID by BMV

# Citation Processing Services

- Evidence retrieval
- Violation pre-processing
- Citation preparation
- DMV access
- Citation mailing
- Court package preparation
- Payment processing
- Delinquent notice mailing
- Toll-free customer service hotline



CLIFFORD, PAUL  
94-B Flower Ln.  
Manassas, VA 20110

Citation Information	
CITATION NUMBER:	102990670
MAILING DATE:	04/07/1999
PAYMENT DUE DATE:	04/22/1999
AMOUNT DUE >>	\$50.00

Violation Images and Vehicle Registration Information		
VEHICLE TAG <b>ZKC3797</b>		LOCATION OF OFFENSE: Courthouse, Manassas
STATE VA	YEAR EXP 1998 JAN. 1, 2000	DATE/TIME OF OFFENSE: 03/31/1999 15:56:07
MAKE HYUNDAI	TYPE 2DR	ISSUING OFFICER: Murphy, Tom
		VEHICLE CROSSED STOP LINE 1.30 SECONDS AFTER SIGNAL TURNED RED
		VEHICLE SPEED: 26 MPH
		Video of this offense is available for review at the Vienna Police Department by appointment only. For more information about viewing the video from your citation, please call 703-255-6392.

# CitationComposer

CitationComposer - New Events

File View Review E View Database Tools Admin Help



April 07, 1999 17:16:36 (S3) Frame:3

Violation  
Citation ID: J1B9890882

Vehicle Registration

Vehicle State VA - Virginia

Comments

Empty comment box

Details

Nutley SB @ Courthouse

04/07/1999

17:16:36

32 MPH

2 100 Secs. After Red

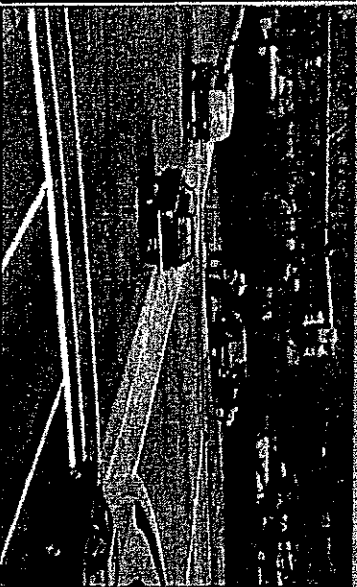
South

New

None



Approaching View



Recording View



Expand Stop Line

Select Expanded View

Expand Intersection

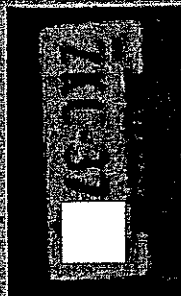
Stop Line



Intersection



License Plate



Vehicle Front or Rear



# How Red Light Cameras Work

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- Wet film:

Pro's- Sharpest detail and highest resolution at 20 million pixels.

Con- You have to physically go to each site daily and collect the film, reload new film, process the film, reviewed, and converted to digital image.

Con- Physically climbing up on poles to change the film could be a problem in bad weather.

# How Red Light Cameras Work

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- Video Systems- ability to detect the vehicles speed and predict whether or not a red light running violation will occur.
- With this prediction, it is possible to preempt the normal signal changes to create an all-red traffic signal preventing crossing traffic from entering the intersection when a collision is possible.

# How Red Light Cameras Work

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- Video Systems-

Con- because of the poor resolution video, night pictures require extensive lighting to capture the license plate.

Pro-Ability to determine right turn on red properly and other circumstances that may occur that causes a red light running i.e. emergency vehicle.

# Implementing

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- *Step Two* – Identify and enlist the support *KEY* players.
- List of possible players:
  - Law Enforcement
  - City and County Administrators
  - Transportation Engineers
  - Media
  - Local Elected Officials
  - Judiciary
  - Vendors
  - General Public
  - Safety Committee's

# Implementing

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- *Step Four* – Evaluate and select sites.
- Columbus Transportation Division might be the people to go to on this step.
- Have officers evaluate selected intersections for percentages of motorists running red lights:
  - *Civilian clothes*
  - *In Uniform*
- Venders offer this service.



# Implementing

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- *Step Six* – Resolve legislative needs.
- Currently HB 241 is pending in the State Legislature.
- Because the City of Columbus is home rule along with Dayton, Toledo, and Cincinnati, who currently have or are implementing Photo Red light cameras, we like them, can go to City Counsel for local ordinances.

## Implementing

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- *Step Eight* – Implement the program using best management practices.
- Recommend that Traffic Bureau, and Transportation Signal Division, work hand in hand on this.

# Implementing

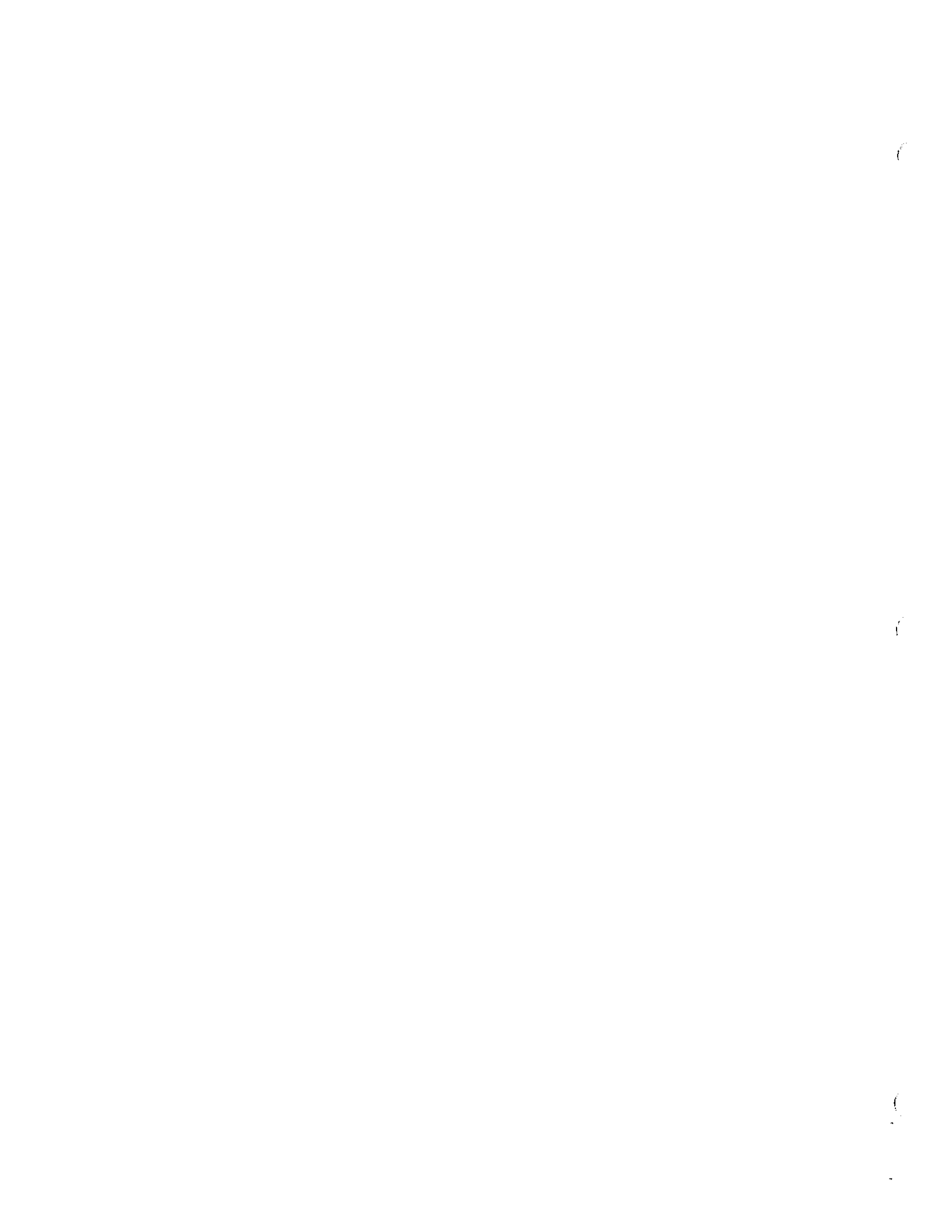
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- *Step Ten* – Evaluate and monitor program's success.
- We can involve:
  - Transportation Division
  - local safety groups
  - media,
  - Venders

# Revenue Verses Costs - Variable Fees

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- According to Nester Systems-Based on one intersection w/ two approaches.
- Monthly tickets issued @ \$75.00 ea. 600
- Citations collected @ 80% (480 tickets) \$36,000.00
- Equip. lease fee 5yrs \$1,500.00
- Service fee \$20,850.00
- Power & misc. costs \$1,000.00
- Monthly net proceeds to City of Columbus \$12,650.00



C

DIVISION OF POLICE

Intra-Divisional

October 1, 2003

**TO:** James G. Jackson, Chief of Police  
**FROM:** Lieutenant Jeffrey Blackwell #5051, Traffic Bureau, Operations  
**SUBJECT:** Top 20 High Crash List Initiatives

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Sir:

After meeting with Traffic Engineer Bill Lewis last week and analyzing the new "Top 20" Accident List", several recommendations were discussed to address each intersection from an engineering standpoint as well as from an enforcement standpoint. Many of the crashes are "red-light" related and several of the intersections are in areas known to have a "speeding" issue. The Division of Police will assign Traffic and Patrol officers to each intersection for consistent observation and appropriate enforcement action. As per CALEA, these actions/results will be compiled and analyzed throughout the 2004 year to provide reliable feedback necessary to gauge our overall effectiveness.

Clearly, many of the accidents are a by-product of increased city population and roadway usage. The Division can, however, become more innovative with our approach to these problematic areas. The Division of Police will try:

- Stationary intersection observation
- Laser/Radar enforcement
- Red Light Photo enforcement project (planning stages)
- Media blitzes of targeted enforcement activities
- SRB Community Liaison Officer involvement

The Division of Police is committed to traffic safety, both vehicular and pedestrian. To that end, we will strive to maintain high visibility, effective enforcement tactics and corresponding public education efforts to reduce crashes at these identified problem intersections.

Respectfully submitted,

Lieutenant Jeffrey Blackwell #5051  
Traffic Bureau, Operations

JB:dh

**D**



October 1, 2003

Mr. Hugh Dorrian  
Auditor City of Columbus  
90 W. Broad Street  
Columbus, Ohio 43215

Greetings:

The Columbus Division of Police would like to invite you, or a person from your office, to serve on a committee that will focus on the reduction of accidents and injuries at intersections that have traffic signals. We are interested in a broad section of persons committed to traffic safety and city government to serve on this committee.

The Division of Police is in the process of forming a committee to study feasibility of the establishing a Photo Red Light system.

The City of Columbus has seen an increase in incidents involving motorists who run red lights. The Division of Police does not have the manpower necessary to focus on the problem of red light enforcement. Nationally, running red lights in 2001 was to blame for approximately 200,000 crashes and over 150,000 injuries with more than 1,100 fatalities.

Photo Red Light enforcement has been shown to decrease the volume of accidents at selected intersections in other cities.

Would you forward the name of the person to serve on this committee to myself or Officer Roger Foor, Special Events, Columbus Division of Police. You may E-mail me at [Jblackwell@columbuspolice.org](mailto:Jblackwell@columbuspolice.org) or Officer Roger Foor at; [Rfoor@columbuspolice.org](mailto:Rfoor@columbuspolice.org), if you prefer you can fax the attached form to fax number 645-4377.

The person who is designated to serve on this committee will be notified of the date, time and location of our inaugural meeting, which will consist of a power point presentation by Officer Roger Foor that will enlighten the committee on the Photo Red Light Enforcement technology.

On behalf of the Columbus Division of Police I would like to thank you for your involvement and support.

Respectfully,

Jeffrey Blackwell  
Lieutenant, Traffic Bureau  
Columbus Division of Police

- The attachment contains more information on some of the areas that the committee will be working on and some information on the Photo Red Light Enforcement

**E**

## **Minutes from Photo Red Light Committee Meeting Held 10/6/2003**

### Attendance:

Lt. Jeff Blackwell, Lt. Fred Bowditch, Lt. Ty Brust, P.O. Mark Whitfield, P.O. Roger Foor, Amanda Ford, Mark Stephenoff, Hugh Dorian, Keith Mesiron, Wendy Kane, Kate McSweeney, Sherry, Mercurio, Steve Soble

Lt. Blackwell chairman of the committee went over the various aspects of implementation for the Red Light Program to begin, indicated to committee members that the Mayor's office is behind the initiative 100%, and that they want the committee to come up with a viable plan as quickly as possible.

Roger Foor indicated that the program will be packaged to the public strictly as a safety issue with reductions not only in property accidents, but injuries as well. Roger Foor also indicated that several other cities have used red light enforcement for years and he sees no problem why Columbus can't get this program up and running in a quick fashion. Officer Foor will contact Toledo, Cincinnati and Dayton police departments to get information for the Dec. 4<sup>th</sup> meeting. He will also contact the four main vendors and give them basic timeline information so that they can plan their presentations to the committee.

Wendy Kane and Keith Mesirov are working on drafting legislation for City Council's approval for the Red Light Program to move forward.

Sherry Mercurio Discussed the timing of providing information to the public and the media, she believes that we need to get more concrete information from the vendor's before giving any information to anyone outside the committee. Sherry will handle all public requests for information from this point forward.

Lt. Brust raised concerns about the enforcement aspect of the program and of the discretion used on issuing citations. The committee agreed that sworn personnel will handle all citations and determine after a thorough review, who gets cited. Additionally, Lt. Brust raised concerns about the time involved for review of the tickets and how quickly information can be made available in accident situations.

Minutes from Photo Red Light Committee Meeting Held 10/6/2003

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# PHOTO RED LIGHT COMMITTEE MEETING

November 6, 2003

- Historical Perspective / Overview of Project

Is it right for Columbus?

- Locations of Implementation / Rationale? Top 20
- Legislative Issues: - City Council  
- City Attorneys } Civil Issue
- Engineering Issues: Transportation Division
- Media / Public Perception – Amanda Ford – Safe Communities (Safer Streets)
- Costs / Revenues – No contingency fees. (San Diego)
- Maintenance / Operational Issues
- Long Term Goals: - Reduction of Intersectional related crashes  
- Reduction of Injuries / Deaths  
- Increase in pedestrian use of streets / sidewalks  
- Income for City

3783  
485320  
32002  
3/05

AE  
Jeffrey Blackwell

Media  
- make sure  
people understand  
how to appeal  
- bring someone in who  
was in a crash because  
someone running a red  
light or a child who was  
hit by a car because someone  
ran a red light.

Next Mtg  
Dec. 4th

e-mail

1. LT. JEFF BLACKWELL - 645-4661 JBlackwell@  
columbuspolice.org
2. Amanda Ford 645-0867 aford@columbus.gov
3. MARK STEPHENOFF TRANSPORTATION DIV. 645-7746 msstephenoff@columbus.gov
4. Hugh & Dominic City Auditor 645-7616
5. Keith Mesirov City Atty - Civil 85857 KMesirov@cityofcolumbus.org
6. WENDY KANE CPD - Legal Bureau x4530 WKANE@columbuspolice.org
7. Kate M. Smercurio City Council mkmsmercurio@columbus.gov  
x 8558
8. Sherry Mercurio CPD - Public Info. Unit x4543 smercurio@columbuspolice.org
9. TY A BRUST # 5074 CPD - PATROL - U2A 645-8844 TBRUST@columbuspolice.org
10. FRED BOWDITCH CPD - BUSINESS x4813 FBOWDITCH@columbuspolice.org
11. ROGER G. FOOR CPD TRAFFIC x4376 RFOOR@columbuspolice.org
12. STEVE SOBLE CITY COUNCIL 8571 SLSOBLE@COLUMBUS.GOV
13. MARK WHITFIELD TRAFFIC 4661  
Admin Offices
- 14.
- 15.

Columbus Division of Police  
Photo Red Light Committee  
November 25<sup>th</sup>, 2003  
Toledo Police Dept.  
Lt. Keel

Questions and Answers

Asking the questions is Officer Roger Foor, Columbus Police and member of the Photo Red Light Committee

Answering the questions is Lt. Kevin Keel, Toledo Police Commanding officer of the Toledo Police, Traffic Bureau and overseer of their Photo Red Light System and Photo Speed System.

Interview conducted on November 25<sup>th</sup>, 2003 in Toledo Ohio.

1. Question- What type of time is involved between violation and when officer reviews red light?

Answer- They are reviewed daily, currently they have 6 officers trained to review the violations.

2. Question- What is the workload and how long does it take to review the violations on a daily basis.

Answer- The workload takes one officer between 1 to 2 hours a day to review the violations. The other 5 officers are cross-trained for days off, sickness, and vacation.

3. Question -.Does the civil or criminal lawyers have access to pictures taken on red light accidents?

Answer- As of today we have had no legal problems with this. We have a way the public gets any public records. We just email the company and they send us a package.

4. Question -Can officers use the evidence of a photo red light violation to make an accident case?

Answer- They recently had a red light violator go through an intersection at a speed of 61 mph, she struck and killed a child. They have the evidence on tape of the car running the light and the child in the middle of the intersection. They plan on using the video in court.



14. Question- Can you set up several intersections with the ability to switch between intersections on different days of the week?

Answer- They didn't know if that technology exists on the switching of cameras.

15. Question- Did you ever have any legal challenges to the legality of the Photo Red Light camera system?

Answer- No, everything is CIVIL. The City of Toledo required the fine to be assessed prior to the hearing. A citizen took the City of Toledo to court on this matter and won. Toledo is no longer requiring the party to pay the fine until after their hearing, and is found guilty.

16. Question- Do we owe the Photo Red Light Company any monies for emergency vehicles that run red lights? What if the red light and sirens are not activated?

Answer- No, the company doesn't even send the violation to the Department for review.

17. Question- When we decide to not cite, and the company claims it's a good red light, what procedure do we follow?

Answer- There is a window on the violation scene that lists several reasons to reject a violation. The officer just chooses the most appropriate one and sends it forward

18. Question- Do we owe for that violation?

Answer- No cost for rejected violations or non-paid violations.

19. Question- Who has the final say?

Answer- The City. No questions asked.

20. Question- What is your collection rate? 70% - 80%?

Answer- Their collection rate is 80 %.

21. Question- How much is your fine ?

Answer- Our fine was recently raised to \$95.00

30. Question- How clear are they? The photos.

Answer- Fairly clear I understand

31. Question- Are you satisfied with your Vender Redflex?

Answer- Yes we are

32. Question- Why are you satisfied?

Answer- They have very little down time. Of course, there are bugs in any new system that is set up, but the vender worked hand in hand with City engineers to solve them.

33. Question- What is the Volume per camera per month?

Answer- 32,000 Citations have been issued in a four-year period at 10 intersections with 2 approaches at each intersection.

34. Question- How much monies are you realizing per month on each camera or for the total program. Where are the monies going?

Answer- Lt Keel has no knowledge of the monies and how it's dispersed within the City of Toledo. They recently raised the fine to \$95.00 per cite. The effect is they doubled the contested cases from 30 a month to 60.

35. Question- What kind of Neighborhood groups did you get involved in the committee?

Answer- They did not have citizen groups in the process until after it was in place, then they had a media blitz on safety concerns.

36. Question- What was your Media strategy?

Answer- They used the media for safety concerns

Earlier Toledo Police interview. Spring of 2003

Previous questions asked earlier of Lt. Kevin Keel, Commanding Officer of the Toledo Police, Traffic Bureau. These questions were asked by phone, in the early part of 2003.

Questions being asked by Officer Roger Moor, Columbus Division of Police.

Answers by Lt. Kevin Keel, Toledo Police.

- a. Question- Which company are you with?  
Answer- Redflex
- b. Question- Are you letting Redflex run the Red Light Photo program.  
Answer- No, we lease the equipment and the services of the company.
- c. Question- What is the cost that you are paying for the cameras?  
Answer- No cash outlay. Redflex collects the fines and we receive 7%.
- d. Question-How are these cameras placed?  
Answer-We recommend different intersections that we want targeted and Redflex does the study for us and comes back to the city with their recommendations for camera placement.
- e. Question- Any problems with the system?  
Answer- No, the company installs and maintains the system.
- f. Question- Any other problems you want to share?  
Answer- Right Turn on Red. The citizens approach an intersection going passed the stop bar to the intersection and come to a stop. They do this to look left for oncoming traffic before executing a right turn. The camera shows it as a red light being run. (This was corrected later in 2003)
7. g. Question- How much are the fines for violators who run the red lights?  
Answer- We get 7% of all the fines collected.
- h. Question- How are hearings handled?  
Answer- Everyone pays Redflex before a hearing is set up. A lieutenant on the Police Department holds the hearings. We can handle normally 5 cases in a 10 minute period. We have had 60 cases in a 4 hour time span. Most cases are guilty. However, some EMS vehicles are sometimes missed, and many right turns on red have been thrown out. When that occurs we notify Redflex of the ticket number and have them refund the money to the citizen normally within 4 to 6 weeks. (Note- since this interview the city of Toledo has changed requiring the citizen to pay prior to the hearing then refunding if they are found not guilty)

# Dec 4 2003 PHOTO Red Light Committee

1. LT. J. BLACKWELL, TRAFFIC OPS 645-4661
2. David Krier, P.E. 645-8238
3. Wendy Kane, CITYMAYOR'S OFFICE, CPD Legal 645-4530
4. TYA BEUST PATROL - ZONE 2 645-8846
5. FRED BOWDITCH POLICE BUSINESS 645 4813
6. ROGER FOOR POLICE SILENTS 645-4376
7. MARK A. WHITEFIELD TRAF ADM P.O. 645-4371
8. Gary Hordick, DD Safety Administration 645-8210
9. Amanda Ford CHOI Safe Communities 645-0907
10. MARK STEPHENOFF TRANSPORTATION DIV 645-7746
11. LEN KUTWEY TRANSPORTATION, SIGNALS 645-7792
12. STEVE SOBLE AIDE to COUNCILMAN SENSENBRENER 645-8571
13. Hughji Loria City Auditor 645-7616
14. FRED MYERS FINANCE / PURCHASING OFFICE 645-8518  
FOR BARB JOHNSON 645-6112
15. Sgt. Brent Mull Public Information Office 645-4593
16. Kate McSweeney City Council 645-8558
17. SHERRY MERCURIO Public Info. Unit / CPD 645-4593
- 18.
- 19.
- 20.

Jan 8th  
next mtg  
10:30

## **Minutes from Photo Red Light Committee Meeting Held 12/4/2003**

### **Attendance:**

Lt. Jeff Blackwell, David Krier, Wendy Kane, Lt. Ty Brust, Lt. Fred Bowditch, P.O. Roger Foor, P.O. Mark Whitfield, Director Gary Holland, Amanda Ford, Mark Stephenoff, Len Kutney, Steve Soble, Hugh Dorrian, Fred Myers, Sgt. Brent Mull, Kate McSweeney, Sherry Mercurio, Faruq Abukar

Lt. Blackwell advised that the committee is now open to the public. He also talked about Columbus leading the State in the total number of crashes and fatalities. He discussed that we will be talking to Washington DC due to the fact that they have the most comprehensive State of the Art Equipment when it comes to red light and speed enforcement.

Officer Foor talked about going to Toledo to see their system and about House bill 241, which died in the Senate. He also talked about it being hard to collect from out of state violators. Roger also talked about the "Deter System" which is a fine recovery system, and whether or not Columbus can implement this system for revenue recovery.

Len Kutney from Transportation discussed the variables surrounding the Top 20 Accident locations including volume of traffic and types of accidents.

Hugh Dorrian, City Auditor wanted to know information about Toledo's percentage of fine recovery. According to Roger Foor, Toledo was unwilling to share Fiscal information.

Roger Foor indicated that they system's have fail safe technology which indicate when there is a problem with the system immediately, and that the systems will be in operation 24/7.

Lt. Blackwell ended the meeting advising that the January 8<sup>th</sup> meeting would include presentations of products from various Vendors from 9am – 11am.

# *Columbus, Ohio Photo Red Light Committee Goals*

December 4, 2003

The purpose of this committee is to look into the need and viability of an Automated Photo Red Light System in Columbus, Ohio.

Our committee's goals are listed below:

1. Reduce the number of injury crashes at an intersection.
2. Reduce the number of injury crashes at other intersections.
3. Reduce the number of violations at an intersection..



## THE PROBLEM

Red light running was to blame for approximately 200,000 crashes, over 150,000 injuries, and more than 1,100 fatalities in 2001, according to initial estimates.<sup>1</sup> It plagues cities—where running traffic controls is the leading cause of urban automobile crashes—as well as rural communities.

From 1992–2000, the number of fatal crashes at signalized intersections jumped 19 percent nationally, with red light running being the single most frequent cause—that’s more than three times the rate of increase for all other fatal crashes during the same period.<sup>2</sup> More than half of those deaths were pedestrians and occupants in other vehicles hit by red light runners. In addition to the tragic loss of life and health, the financial cost to the public was estimated to be in excess of \$12 billion a year.<sup>3</sup> The California Highway Patrol estimates that each red light running fatality costs society \$2,600,000 and other red light running crashes cost between \$2,000 and \$183,000 depending on their severity.<sup>4</sup>

Despite such catastrophic consequences, only a tiny fraction of red light offenders face any punishment for their actions.

### **Who are red light runners?**

As can be observed at almost any intersection across the country, drivers of all ages, economic groups and gender run red lights. As a group, an

Insurance Institute for Highway Safety (IIHS) study found that red light violators involved in crashes were more likely than non red light runners to be young (under 30), to have invalid driver’s licenses, to be alcohol impaired, and to not wear seat belts.<sup>5</sup>

### **Many of us are all too familiar with red light runners**

Red light running scares and angers motorists, yet even those who condemn it continue to put themselves and others at risk. Most Americans (96 percent) are afraid of being hit by a red light runner,<sup>6</sup> but nearly 1 in 5 admit to running a red light in the last 10 intersections.<sup>7</sup> The leading excuse given for speeding up to beat a light about to turn red is simply “being in a hurry.”<sup>8</sup>

Far too many drivers view stopping on red as optional. An IIHS study found that during peak commuting time at an intersection in Virginia, a motorist ran a red light every five minutes. A 2001 report by the New York City Comptroller’s office found that drivers citywide run more than 1 million red lights during a typical 7 a.m. to 7 p.m. workday.<sup>9</sup>

According to a survey conducted by the U.S. Department of Transportation and the American Trauma Society, 63 percent of Americans see someone running a red light at least a few times a week. One in three Americans knows someone who has been injured or killed in a red light running crash.<sup>10</sup>

A 2001 report by the New York City Comptroller’s office found that drivers citywide run more than 1 million red lights during a typical 7 a.m. to 7 p.m. workday.

## Committee in general-

### Types of Photo Red Light Systems

Of all of the types of available photo red light systems which ones would the committee recommend that we invite in to show us their system(s) for us to look at. We can select one or two systems.

#### *i. Wet Film-*

1. Pro- Sharpest detail and highest resolution 20 million pixels
2. Con- Have to physically go to each site daily and collect the film, reload new film, process the film, review and convert to digital image. Also, limited to number of exposures on a roll of film.
3. Con- Physically climbing up on poles to change the film, bad weather.

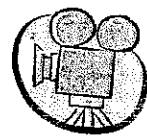
#### *ii Digital system-*

4. Pro- Next best to wet film at 2 million pixels
5. Pro- The ease of collection and accelerating the processing and distribution of tickets.
6. Pro- Eliminates cost of film and processing and daily handling of film
7. Pro- More easily stored than wet film
8. Pro- More and more jurisdictions are going to digital.

#### *iii Video system-*

9. Pro- Major benefit is the ability to detect vehicle speed and predict whether or not a red light running violation will occur.
10. Pro- Possible to preempt the normal signal changes and create an all-red signal to avoid accidents. I believe our traffic engineers said that we presently have a 2 second all red phase.
11. Pro- Possible to catch more violators since the camera does not have to reset.
12. Pro- Show extenuation circumstances (Emergency vehicles, funeral details, right turn on red)
13. Con- Because of the poor resolution of video, night pictures require extensive lighting to capture the license plate number and/or the driver.
14. Con- Compared to wet film only 1/40 the pixels or 500,000 pixels.
15. Con- Normally a more expensive system to operate





Columbus, Ohio  
Photo Red Light  
Committee Sign in  
Sheet

January 15<sup>th</sup> 2004 RedFlex & Nester

Name	Dept	e-mail	Phone number
OFFICER ROGER FOOR	COLUMBUS POLICE / TRAFFIC	rfoor@columbuspolice.org	614-645-4376
LT (ASST) BOWDITCH	COS. POLICE / BUSINESS	fbowditch@columbuspolice.org	614 6454813
JOE MOORE	REDFLEX TRAFFIC	jmoore@redflex.com	937-712-1454
CAROL L. JOHNSON	DAYTON POLICE	carol.johnson@cityofdayton.com	937-333-1084
AARON ROSENBERG	REDFLEX TRAFFIC	arosenberg@redflex.com	310-213-6994
LT. TIM SABRANSKY	CINCINNATI P.D.	tim.sabransky@cincinnati-oh.gov	513-352-2966
TY A. BRUST	CPD		645-8646
STEVE WENTZEL	CITY FINANCE DEPT	<del>sjwentzel@</del> sjwentzel@columbus.gov	601 645-5437
Hugh J. Borriani	City Auditor	HJ.BORRIANI@columbus.gov	645-7616
FRED MYERS	FINANCE / PURCHASING	rmyers@columbus.gov	645-8518
David Krier PE	Transportation	dkkrier@ " "	645-8238
Gangy Hollman	Public Safety	gangy.hollman@silman-jacobs.com	645.8210
Guinardo Lopez	Cols Health Dept	glopez@columbus.gov	645-0867
Mike Stafford	CPD.	MSTAFFORD@colsPolice	645-4800

**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING**  
**February 5, 2004**

Attendance: Lt. Jeff Blackwell, P.O. Roger Foor, Lt. Fred Bowditch, Kate McSweeney, Sherry Mercurio, Dir. Gary Holland, Lt. Ty Brust, David Krier, Cmdr. Richard Crosby, Steve Soble, Keith Mesirow, Fred Myers, Jack Yost

Roger Foor discussed the possibility of visiting other cities to see what their systems "look" like, (the cities that have systems from vendor's who have submitted proposals to us).

Lt Bowditch, Jack Yost and Fred Myers from Purchasing will get together for RFSQ's from various vendors to get photos and general information.

Director Holland requested a list of Vendors who the city may be interested in purchasing their system.

\*Reminder the following are the goals that need to be sent to Roger Foor via E-mail by Monday, February 9 @9:00AM

1. Reduce traffic crashes – Lt. Jeff Blackwell & Staff
2. Adherence to traffic laws – P.O. Roger Foor & Keith Mesirow
3. Promoting Driver Education – Amanda Ford
4. Decreasing Societal costs associated w/ traffic crashes – Traffic Engineering
5. Decrease officer/citizen risk – Lt. Jeff Blackwell
6. Increase manpower efficiency – Lt. Ty Brust

The next meeting will be Wednesday, February 25, @10:00AM in the Chief's Conference Room.

**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING  
February 25, 2004**

Attendance: Lt. Jeff Blackwell, Lt. Fred Bowditch, Officer Roger Foor,  
Officer Mark Whitfield, David Krier

Lieutenant Bowditch wrote RFP and forwarded to Jackie and Fred in purchasing for advise and editing. He also discussed that Director Holland is talking to Municipal judges regarding presentations to them, the Clerk of Courts and Department of Technology.

The goals were discussed and approved.

Roger Foor is working on getting material together for a presentation to the public.

The committee discussed where we were on the ordinance proposal.

**\*\*The next meeting will be Thursday, March 4<sup>th</sup> @10AM in the  
Chief's Conference Room on the 8<sup>th</sup> Floor**

**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING**  
**March 4, 2004**

Attendance: Lt. Jeff Blackwell, P.O. Mark Whitfield, Sherry Mercurio, Kate McSweeney, Lt. Ty Brust, David Krier, Hugh Dorrian, P.O. Roger Foor

Lieutenant Blackwell discussed the necessity to get the ordinance written. He also discussed with Lt. Brust about getting with Bill Capretta of the FOP to brief him on the committee meetings and show him the PowerPoint presentation. Lieutenant Blackwell will be calling Toledo and Dayton to get information on effectiveness and possibly get some footage of some of their intersections with Photo Red Light where they have had accidents.

Roger Foor advised committee that the RFP should be available within the next 2-3 days. Roger also has a PowerPoint presentation ready to present to City aids and currently working on a presentation for the media. Roger is also working on a time line with Kate McSweeney for presentation to city council, public meetings etc.

Kate McSweeney will also be setting up a meeting with the aids at city council for a presentation, possibly March 9th or March 16th.

David Krier will be working on a list of intersections to be narrowed down for the first cameras to be installed. Would like to start with 10 intersections.

**Next meeting will be in the Chief's Conference Room at 10:00AM on Thursday, March 18.**

**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING**  
**March 18, 2004**

Attendance: Lt. Jeff Blackwell, P.O. Roger Foor, P.O. Jeff Simpson, Wendy Kane, Cullen Daniel, Ty Brust, David Krier, Amanda Ford, Fred Meyer, Jack Yost, Len Kutney, Mark Stephenoff, Sherry Mercurio, Angela Mingo, Steve Soble, Director Holland

Lt. Ty Brust expressed to the FOP that the Photo Red Lights would not be replacing officers but would be a supplement. He will also check with patrol zone sergeants regarding compiling information on problem areas to possibly install the cameras.

Wendy Kane commented on before the legal ordinance can be written a Vendor would have to be decided. Wendy will get with Lt. Bowditch to work on ordinance.

Len Kutney expressed concern regarding equipment being aesthetic and functional within existing city engineering infrastructure.

Roger Foor advised that out of 12 companies, 6 of those have presented a demonstration for the committee. He also advised that the City Council Aids and Parking Violations Bureau have seen a presentation. He also mentioned a temporary set-up at intersections to see if there is actually a problem that would require installing a camera, this was not agreed upon by the Committee.

Director Holland expressed after the Vendors are narrowed down to the last 1 – 2 we will no longer accept any other information from vendors. He also talked about how important public awareness is but it is not for the public to decide the locations that the cameras will be installed. Director Holland also expressed that he would like the RFP to be commented on by the end of April.

Lt. Blackwell expressed the need to get the Ordinance written through the City Attorney. Also to get the list of potential sites together for cameras to be installed. Lt. Blackwell also advised that June 21<sup>st</sup> would be the target date to present to council.

Jack Yost advised to put in the RFP information regarding how the cameras will be installed, etc. and to add information on the length of the contract. He will also call Lt. Bowditch to get everything moving.

Sherry Mercurio advised that the Dispatch called and she gave them a brief interview but they want more details. Sherry also indicated that the media as a whole will want more information soon.

Mark Stephenoff expressed the need for criteria on how the intersections would be selected and that we need to look for engineering solutions at each intersection before making the decision to install a camera. Also how would the decision be made in regards to moving cameras from one intersection to another.

**\*THE NEXT PHOTO RED LIGHT MEETING WILL BE IN THE CHIEF'S  
CONFERENCE ROOM ON APRIL 29<sup>TH</sup> @ 10AM.**

MARCH 18<sup>th</sup> PHOTO RED LIGHT

LT Blackwell

ROGER FOOL

Traffic

4376

JEFF SIMPSON

FOP

WENDY KANE

CITY ATTY OFFICE

4530

Cullen Daniel

Parking Violations

Bureau 1584

TY BRUST

PATROL

8640

David Krier

Transportation

x 8238

Viranda Fadel

CITY

5-0867

~~Fred My~~

PURCHASING

58578

JACK R. POST

"

~~5-6142~~

LEN KUTNEY

TRANS-SIGNAL OPS

5-7792

MARK STEPHENOFF

TRANSPORTATION

5-7746

SHERRY MERCURIO

CPD-PIU

5-4593

ANGELA MILLS (ON BEHALF OF M. MERTZ) CITY COUNCIL

5-2534

STEVE SOBLE - Rich SEASBY BROWN'S OFFICE

8571

Dir Holland



**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING**  
**April 22, 2004**

Attendance: Lt. Jeff Blackwell, P.O. Roger Foor, Amanda Ford, Fred Meyer, Jack Yost, Len Kutney, Mark Stephenoff, Sherry Mercurio, Steve Soble, Director Holland, Kate McSweeney, Steve Wentzel, Lt. Fred Bowditch, Megan Kilgore, Hugh Dorrian

Lieutenant Blackwell opened the meeting to Officer Roger Foor.

Officer Roger Foor advised that the presentation is ready for the judges and clerks for May 5 @ 10AM in the Chief's Conference Room. He also advised that the Vendor's prefer for a representative from the City to be available if they need to get into one of the boxes. Roger also expressed the need for people attending the Town Meeting to know our main focus is Safety. He also advised that Vendor's should be able to capture 90% of violators.

Lt. Bowditch discussed with Jack Yost and Fred Meyer corrections on the RFP and about talking to Cullen Daniels, Parking Violations Bureau (Treasurers office) regarding payment options for tickets.

Jack Yost will advise of various proposals regarding payment in the RFP. He also advised that legislation would take about 2 ½ weeks so we are looking at June 1<sup>st</sup> for a timeline. He also suggested that the RFP not be published until the Town Meeting is over. The final draft of the RFP should be by the week of April 26, he will get with Megan, Fred and Director Holland to finalize. Jack also advised that in the RFP it can be very specific in regards to having someone from the City there when there would be a need for a Vendor to get into a box.

Director Holland discussed fine tuning the RFP, specifically, Vendors must advise the Committee of services they provide with respect to payment options and the need of a service level agreement regarding equipment repairs and if there will be a project manager on site who will also be able to attend meeting and make repairs and/or changes expeditiously. The Director also stressed how important it is to have something in the RFP regarding having someone from the City on site, when the Vendor's would have to get into traffic boxes. The Director would like the contract to be awarded to a Vendor by the end of June and to have the system up and running by the end of August. Director Holland and Lieutenant Blackwell discussed with Sherry Mercurio about setting up a Town Meeting on May 18<sup>th</sup> at 7PM, Amanda Ford is checking into having the meeting at the Health Department. Director Holland expressed that he would like the final copy of the RFP to go out by May 14, which would give City Council until June 14 to respond. The week of June 17 to June 24 the Evaluation Team (Director Holland, Len Kutney, Collin Daniels, Hugh Dorrian, Megan Kilgore, Steve Wentzel) will work on the RFP and make recommendations to Director Brown by June 24. By June 28 they should be able to work with the chosen Vendor. The target date to go to Council would be July 5<sup>th</sup>. Director Holland also advised that we may need the most recent Audited Financial Statements from Vendors, a history of performance and a current client contact list from potential Vendors.

Hugh Dorrian commented on leaving options open on the RFP to Vendors with respect to collection procedures. Include in RFP requirement for SAS-70 Audit. (Auditing necessary.) Mr. Dorrian also suggested a Pre-bid conference for prospective bidders should take place.



Steve Wentzel from Finance advised that there were no real budget implications.

Len Kutney advised that Transportation wants request in RFP that when a Vendor goes in the box must have someone from Transportation to be with them. Len also advised that the signal heads that need changed to LED has work orders in.

Lt. Blackwell suggested a Performance Benchmark for equipment and liability. He also discussed May 18 for the Town Meeting. Sherry Mercurio will arrange. By the next meeting the Site Committee, which includes, (Lt. Blackwell, PO Roger Foor, Kate McSweeney, Len Kutney and Mark Stephenoff) will have sites tentatively selected. Lt. Blackwell also put together the Evaluation Team for the RFP, which includes, Director Holland, Len Kutney, Collin Daniels, Hugh Dorrian, Megan Kilgore, Steve Wentzel.

Sherry Mercurio will be setting up a Town Meeting with Kate McSweeney and have the major team players to answer questions, which would include someone from Legal and someone from Mr. Dorrian's office. Sherry has also talked with representatives from the Dispatch, they look at this very negative like "Big Brother" watching not the reduction of injuries.

Steve Soble expressed concern regarding legal infractions being captured in the video-how would this be handled and can it be used in court. Officer Foor advised that other cities that he has talked to has had no problems with this to date, there is already a process in place.

**\*\*THE NEXT PHOTO RED LIGHT MEETING WILL BE HELD IN THE CHIEF'S CONFERENCE ROOM ON MAY 6<sup>TH</sup> @10AM**





**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING  
May 6, 2004**

Attendance: Lt. Jeff Blackwell, Amanda Ford, Fred Meyer, Jack Yost, Len Kutney, Mark Stephenoff, Steve Soble, Director Holland, Steve Wentzel, Lt. Fred Bowditch, Megan Kilgore, Cullen Daniel, Lt. Ty Brust, David Krier

A question was brought up regarding if the monies collected and whether current law requires these monies go through the Clerk's office.

Judge Brandt like the concept, he wanted assurance that there is no more work for the court systems, and 2- officers will determine who ultimately receives the ticket.

RFP has been written and was discussed. The only major issue was the language during emergencies. This needs to be clarified before the Pre-bid negotiations. The committee received copies of the RFP and will need to review for changes and suggestions and return by e-mail to Lt. Fred Bowditch by Monday, May 10 at 10AM. The pre-bid conference is scheduled for June 2 at 10AM in Police Headquarters Auditorium.

Jack Yost will summarize changes received on RFP to send out to Vendors.

Kate McSweeney will be informed of the short amount of time that it will have to get to City Council.

The Site Selection Committee has approved a list of 10 intersections for the Cameras to be installed.

The Town Meeting is still on for May 18<sup>th</sup> at 7PM at the Health Department. Call Amanda if you can attend to answer questions.

Roger Foor will contact Vendors regarding the date for the Pre-bid Conference.

**\*\*THE NEXT PHOTO RED LIGHT MEETING WILL BE HELD IN THE CHIEF'S CONFERENCE ROOM ON JUNE 3<sup>RD</sup> @10AM**

**MINUTES FROM PHOTO RED LIGHT ENFORCEMENT MEETING**  
**July 28, 2004**

Attendance: Lt. Jeff Blackwell, Amanda Ford, Jack Yost, Len Kutney, Director Holland, Steve Wentzel, Roger Foor, Lt. Ty Brust, David Krier, Wendy Kane, Sherry Mercurio

Director Holland advised the meeting was to get a consensus of the entire committee vs. only the Evaluation Team.

Jack Yost advised that they usually go with the highest ranked company, which would be Redflex.

George Cullin's opinion was there were no problems with either company.

Lt Blackwell advised Redflex looking at an engineering prospective he was impressed with Redflex and thought they would better fit the needs for Columbus. Redflex scored higher than the other vendors.

David Krier – Red Flex, best technical presentation and they have experience in Ohio.

Director Holland opinion on officer review would be 1 – 2 officers.

Lt Blackwell advised that this is not labor intensive. He also advised that the FOP was invited and attended many meetings.

Lt. Brust advised this would not change PO's job, just like ODOT First and should not be a problem with the FOP.

Director Holland advised to get information back to FOP.

Lt. Brust will follow up with Capretta.

Director Holland – Financially which company would be more efficient.

Dave Krier advised that Redflex would be best financially.

Lt. Blackwell motioned that Redflex be voted on.

Sherry Mercurio, Jack Yost, Lt. Ty Brust, Officer Roger Foor, Amanda Ford, Steve Wentzel, David Krier and Director Holland all voted yes.

Roger Foor reminded that the Photo Red Light enforcement is directed at saving lives and someone should specifically keep numbers and give to Sherry as soon as possible to keep public aware of the lives this is saving.

Lt. Blackwell advised there should be a standing committee that would be accountable for reporting needed numbers etc., to Sherry.

Director Holland reminded that the vote for Redflex is not official until Director Brown makes a decision.

## **Minutes from Photo Red Light Committee Meeting Held 12/4/2003**

### Attendance:

Lt. Jeff Blackwell, David Krier, Wendy Kane, Lt. Ty Brust, Lt. Fred Bowditch, P.O. Roger Foor, P.O. Mark Whitfield, Director Gary Holland, Amanda Ford, Mark Stephenoff, Len Kutney, Steve Soble, Hugh Dorrian, Fred Myers, Sgt. Brent Mull, Kate McSweeney, Sherry Mercurio, Faruq Abukar

Lt. Blackwell advised that the committee is now open to the public. He also talked about Columbus leading the State in the total number of crashes and fatalities. He discussed that we will be talking to Washington DC due to the fact that they have the most comprehensive State of the Art Equipment when it comes to red light and speed enforcement.

Officer Foor talked about going to Toledo to see their system and about House bill 241, which died in the Senate. He also talked about it being hard to collect from out of state violators. Roger also talked about the "Deter System" which is a fine recovery system, and whether or not Columbus can implement this system for revenue recovery.

Len Kutney from Transportation discussed the variables surrounding the Top 20 Accident locations including volume of traffic and types of accidents.

Hugh Dorrian, City Auditor wanted to know information about Toledo's percentage of fine recovery. According to Roger Foor, Toledo was unwilling to share Fiscal information.

Roger Foor indicated that they system's have fail safe technology which indicate when there is a problem with the system immediately, and that the systems will be in operation 24/7.

Lt. Blackwell ended the meeting advising that the January 8<sup>th</sup> meeting would include presentations of products from various Vendors from 9am – 11am.

## **Minutes from Photo Red Light Committee Meeting Held 12/10/2004**

Attendance:

Lt. Jeff Blackwell, David Krier, Lt. Ty Brust, Lt. Fred Bowditch, P.O. Roger Foor, Director Gary Holland, Mark Stephenoff, Hugh Dorrian, Fred Myers, George Harper, Jack Yost, Fred Myers Steve Wentzel

Lt. Blackwell opened the meeting recognizing that Red Flex was selected and signed off on by the Director and they (Red Flex) would be here on Thursday, December 16<sup>th</sup> at 9AM to discuss the contract.

Also discussed were the recommendation studying intersections and identify problems. Photo Red Light would be the final solution to a problem intersection.

Lt. Blackwell discussed that there would be approximately 40 approaches. He also discussed whether we lease, buy or what kind of agreement in payment we would make. Toledo did not put money up front-they get 7% on a ticket generated from their Photo Red Light. Mr. Dorrian expressed that he would like to see options. Lt. Blackwell will talk with Mr. Rosenberg to send pricing and other options available to us before Thursday.

Jack Yost advised there needed to be a list of things important to the City to negotiate with Red Flex. He also discussed the importance of having everything agreed on before signing the contract.

Roger Foor discussed the importance of the percentage of violators caught. (Further notes in the binder that he handed out)

Director Holland reminded everyone to review and check out the proposal before Thursday's meeting. Also that Legal will review the contract and to have someone here from the City Attorney's office.

George Harper discussed that Red Flex address subcontracting opportunities for minority females.

There will be a Community Forum on January 20<sup>th</sup> at the Columbus Health Department, which Red Flex will attend and help out with. Roger reminded that the importance of safety still needs to be expressed in meetings.

The Director advised for Amanda to notify Council Members of the meeting. Director Holland added ODOT Jack Marchbanks to the Photo Red Light Committee and Lt. Blackwell added Tony Hall from MORPSE to the Committee.

Roger Foor discussed Bexley is now dealing with Red Flex. Director Holland advised that Bexley should be invited to the meeting at the Health Department. Lt. Blackwell expressed that we could possibly have negativity from outlying communities if (Bexley) is not going through the proper process of getting this type of program off the ground as Columbus has done.

Steve Wentzel is calling 5 cities to speak with their Auditors to get financial information from revenue of their program. Mr. Dorrian advised to call Red Flex and get information from them on the other cities. Director Holland advised to ask for information for all of 2003 and 2004 up through November 30<sup>th</sup>.

Mark Stephenoff asked about the money to pay for the program if the City has to pick up some of the cost. Mr. Dorrian wants to see options of how the City can finance the program.

The following are the teams for the Contract Negotiation:

<b>FISCAL TEAM</b>	<b>LEGAL TEAM</b>	<b>TECHNICAL TEAM</b>	<b>COMMUNITY EDUCATION</b>
<i>Hugh Dorrian</i>	<i>Keith Mesirow</i>	<i>Dave Krier</i>	<i>Lt. Jeff Blackwell</i>
<i>Lt. Fred Bowditch</i>	<i>Wendy Kane</i>	<i>Mark Stephenoff</i>	<i>Lt. Ty Brust</i>
<i>Steve Wentzel</i>	<i>Jeff Furbee</i>		<i>Officer Roger Foor</i>
<i>Director Holland</i>	<i>Jack Yost</i>		<i>Sherry Mercurio</i>
	<i>Fred Myers</i>		<i>Amanda Ford</i>
	<i>George Harper</i>		<i>Barb Seckler</i>

Photo (Red) Log & Comments  
Meeting

12-16-04

Lincoln Park Old Works

City Auditor

Steve Novak Dept. Finance

Paula Clark Purchasing

Mike Stephane Transportation Division

Red Bouditch POLICE - BUSINESS

Roger Foor COLUMBUS POLICE SPECIAL EVENTS

LT. Jeff Blackwell Columbus Police TRAFFIC OPS

George Harper Equal Business Opportunity

Jed Moore REPAIRS Traffic

Allen Casperovic " "

Gary Hollan DIR. PUBLIC SAFETY

**F**



**From:** Foor, Roger [RFoor@columbuspolice.org]  
**Sent:** Tuesday, December 09, 2003 1:23 PM  
**To:** aford@columbus.gov; Barbara Johnson; Blackwell, Jeffrey; Bowditch, Fred; Brust, Ty; David Krier; Foor, Roger; Gary Holland; Hugh Dorrian; Kate McSweeney; Leonard Kutney; Mark Stephenoff; Mercurio, Sherry L.; Mull, Brenton S.; Roger Myers; Steve Soble; Steve Wentzel; Wendy Kane; Whitfield, Mark A.  
**Cc:** Foor, Roger  
**Subject:** Photo Red Light Presentations



Vender  
Presentations 04.doc

We finally locked in the Venders presentation dates. The location of these presentations will be announced at a later date.

Please see the attachment for the list for dates and times for each vender. A response by e-mail would be appreciated for handouts from the individual venders.

The venders will be held to 1-hour presentation, with 1 hour if needed afterwards for questions from the committee. The presentations will be video taped for your convenience.

Thank you,  
Officer Roger G. Foor Badge 566  
120 Marconi Blvd.  
Columbus Ohio 43215  
Phone 1-614-645-4376  
Fax 1-614-645-4377  
Email [rfoor@columbuspolice.org](mailto:rfoor@columbuspolice.org)

City of Columbus  
Photo Red Light Committee  
December 9, 2003

The location for the vender presentations have yet to be finalized.  
The following dates and times are locked in for vender presentations is January of 2004:

- 1) Thursday January 08, 2004 9 am to approx 11 am

Vender Name: Mulvihill Electrical Contracting Corp.  
503 Cary Avenue  
Staten Island, New York 10310

Contact Person: Mr. Phillip Simone  
1-718-448-7000  
email address ( [psimone@si.rr.com](mailto:psimone@si.rr.com) )

- 2) Thursday January 08, 2004 1 pm to approx 3 pm

Vender Name: Precision Traffic Systems  
4201 S. Congress Avenue  
Suite 201  
Austin, Texas 78745

Contact Person: Mr. Alex Sherwood  
1-512-637-0060  
Mobile 1-512-750-1248

- 3) Thursday January 15, 2004 9 am to approx. 11 am

Vender Name: RedFlex Traffic Systems  
703 Market Street  
San Francisco, CA. 94103

Contact Person: Mr. Joseph Moore  
1-937-312-1454

City of Columbus  
Photo Red Light Committee  
December 9, 2003

The following dates and times are locked in for vender presentations is January of 2004:

- 4) Thursday January 15, 2004 1 pm to approx. 3 pm

Vender Name: Nester Traffic Systems, Inc.  
One Richmond Square  
Providence, RI 02906

Contact Person: Ms. Debbie Walker  
1-866-434-5522 ext 752  
mobile 1-401-225-6924

- 5) Friday January 16, 2004 9 am to 11 am

Vender Name: ACS Traffic Systems  
1200 K Street, NW  
Washington , DC 20005

Contact Person: Mr. Maurice Hannigan  
1-202-414-3598  
mobile phone 1-916-662-5273

G

**From:** Holland, Gary L.  
**Sent:** Friday, January 16, 2004 2:50 PM  
**To:** Foor, Roger; Ford, Amanda; Johnson, Barbara; Blackwell, Jeffrey; Bowditch, Fred; Brust, Ty; Crosby, Richard; Krier, David C.; Dorrian, Hugh J.; McSweeney, Kate; Mesriow, Keith S; Kutney, Leonard G.; Stephenoff, Mark S.; Mercurio, Sherry L.; Mull, Brenton S.; Myers, Fred; Soble, Steve; Steve Wentzel; Wendy Kane; Whitfield, Mark A.  
**Cc:** Distelzweig, Walter; Gammill, Stephen P.; Brown, Mitchell J.; Seckler, Barb  
**Subject:** RE: Photo Red Light Committee Meeting

**Importance:** High  
**Sensitivity:** Confidential

Committee members:

Based on the vendor presentations and the current policy climate, it is imperative that we agree on the recommended goals of the photo red light project, i.e., what do we want the outcome to be from a public safety and public health prospective. The revenue component, while significant, is of lesser concern to reaching the overall objectives of traffic safety and effective enforcement. Let's not get caught up on "products" and "systems" until we determine exactly what we are to recommend as results to key decision makers, including the safety director and mayor. With that thought in mind, may I suggest an agenda that approximates this format:

- Define goals of the project and develop the goal statement
- Prepare a dot matrix of critical components for the system we envision, to incorporate technology, public awareness of the program and appeal concerns, integration into the court reporting system, selection of high crash incident/high cited violation target intersections, determination of any infrastructure (street or sidewalk) re-engineering or reconstruction — loops, mast arms, cabinets, striping.
- Fill in desired component categories with the offerings from each prospective vendor's presentation.

All this is necessary BEFORE work commences on the Request for Proposal which Lt. Bowditch has the lead. Further, we must bear in mind that considerable work remains on the legal front (city legislation, exploring DETER participation, and controlled media and public awareness). Finally, the timing of placing bids on the street is crucial to receptivity by the general Columbus public.

We just clear a major hurdle compiling the industry information. Now, let's take a breath and reassess our basic direction.

The work you all have accomplished to-date is incomparable. Your collective and individuals efforts are appreciated.

Gary L. Holland, Deputy Director  
Department of Public Safety  
50 West Gay Street, 2<sup>nd</sup> Floor  
Columbus, OH 43215  
614/645.8210  
[glholland@columbus.gov](mailto:glholland@columbus.gov)

-----Original Message-----

**From:** Foor, Roger [<mailto:RFoor@columbuspolice.org>]  
**Sent:** Friday, January 16, 2004 2:21 PM  
**To:** [aford@columbus.gov](mailto:aford@columbus.gov); Barbara Johnson; Blackwell, Jeffrey; Bowditch, Fred; Brust, Ty; Crosby, Richard; David Krier; Deborah Ickes; Foor,

Roger; Gary Holland; Hertenstein, Donna M.; Hugh Dorrian; Kate McSweeney; Keith Mesirow; Leonard Kutney; Mark Stephenoff; Mercurio, Sherry L.; Mull, Brenton S.; Roger Myers; Steve Soble; Steve Wentzel; Wendy Kane; Whitfield, Mark A.

Cc: Foor, Roger  
Subject: Photo Red Light Committee Meeting  
Importance: High

Thank you for coming to the vender presentations. Again, thanks to Amanda Ford for lunch. I think the presentations were a huge success. We now have the information we need to go forward and save lives with this technology.

Our next meeting will be this coming Thursday January 22, 10:30 am @ the chief's conference room, 8<sup>th</sup> floor, Columbus Police Headquarters downtown.

I would like to know in advance of the Thursday meeting what you personally would like to see out of a vender, what you expect to get out of it. If you would do that for me I would appreciate it.

Bring you notes on all the vendors and we will try to put the pros and cons together just to see where we stand.

See you at the next meeting

Officer Roger G. Foor # 566  
120 Marconi Blvd.  
Columbus Ohio 43215  
Phone 1-614-645-4376  
Cell 1-614-774-7632  
Fax 1-614-645-4377  
Email [rfoor@columbuspolice.org](mailto:rfoor@columbuspolice.org)

Н

*Columbus Ohio Photo Red Light Committee*  
*Time Line*  
*March 5, 2004*

1. Identify the safety problem and determine if red light cameras are an appropriate solution.
  - This has been accomplished through intersection studies through the City of Columbus Transportation Division.
2. Identify and enlist the support key players.
  - The photo red light committee was formed.
3. Establish program goals
  - Completed by the committee.
4. Evaluate and select different sites throughout the 5 zones.
  - Transportation Division along with Lt. Blackwell is working on the sites.
5. Photo Red Light ordinance.
  - City attorney's office is currently working on the model ordinance.
6. Awareness campaign to be multi-faceted with the public, and to continue throughout the program. A model ordinance should be available for City Council members, and legislative branch during their presentations.
  - Beginning with the City Council Aids on Tuesday, March 9<sup>th</sup>.
  - City Council presentation.
  - Presentations at all 5 zones block watch meetings.
  - Legislative branch, to resolve any legislative needs.



7. Choose a camera system and vendors based on the RFP, objectives, and priorities and resources.

- Lt Bowditch, Purchasing Department currently working on getting out the RFP.

8. Implement the program using best management practices.

- Collect camera data for photo-enforcement intersections.
- Inspect camera detection systems operations.
- Perform preventative maintenance and cleaning.
- Process data
- Identify violations
- Match violations to vehicle registration owner.
- Prepare citations for police department review and approval.
- Mail citations.
- Answer telephone inquiries.
- Schedule violator appointments.
- Provide hearing requested information and support court hearings.
- Prepare monthly progress reports

Keep in mind all the above can be held in house or turnkey operation.

9. Predict, acknowledge, and address public concerns.

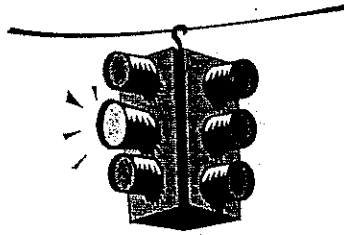
- Legal opinions have found that red light running cameras do not violate a citizen's legal right to privacy.
- Presumption of Innocence: Opponents claim that with photo enforcement, owners are presumed guilty until proven innocent. Photo enforcement does not violate the presumption of innocence, which attaches at trial, not before. Ethics prevent charging a person unless there is sufficient evidence. The citation is merely a summons, the registered owner may present a defense at a hearing.

10. Evaluate and monitor program's progress.

- Recommended to do within three years of the start of a red light camera program.
- A formal evaluation should be undertaken to determine if driver behavior has improved.



*City of Columbus*  
*Focus*  
*On Safety*



*Photo Red Light Committee Presentation*

## City of Columbus Focus on Safety

### Photo Red Light Enforcement

## City of Columbus Focus on Safety

- Columbus Division of Police
  - Lt. Jeffrey Blackwell
- Traffic Operations Lieutenant
- Focus on Safety Coordinator

## Focus of Safety Goals

- Move traffic and people to their destinations as quickly and safely as possible.
- Obtain voluntary driver compliance.
- Reduce deaths, injuries, and dollar losses.

## Focus of safety Goals

- Objective of the red light cameras are to:
  - ◆ Stop dangerous driving behaviors
  - ◆ Reduce crashes
  - ◆ Save lives
  - ◆ Prevent injuries
  - ◆ Lower health care costs
  - ◆ Respond to community concerns.

## Other local efforts !

- Strict DUI enforcement programs.
- Public education (MADD)
- Addressing community concerns (PARS)
- Aggressive driver enforcement program.
- Commercial vehicle inspections.

## *Digital Cameras*

## How it works

Typical photo red light camera system generally consists of an individual camera that is housed in a durable cabinet to protect it from the weather and vandalism and placed on top of a pole.

The camera is connected by cables to a traffic signal system and to sensors buried in the pavement.

## How it works

- A rear photography system, the sensors continuously monitor the traffic flow and the traffic signal.
- When the signal turns red, the camera system activates.



## How it works

- The first picture must show the pavement marking defining the intersection,( usually the stop bar or the cross walk), the traffic signal displaying a red light, and the vehicle in question.

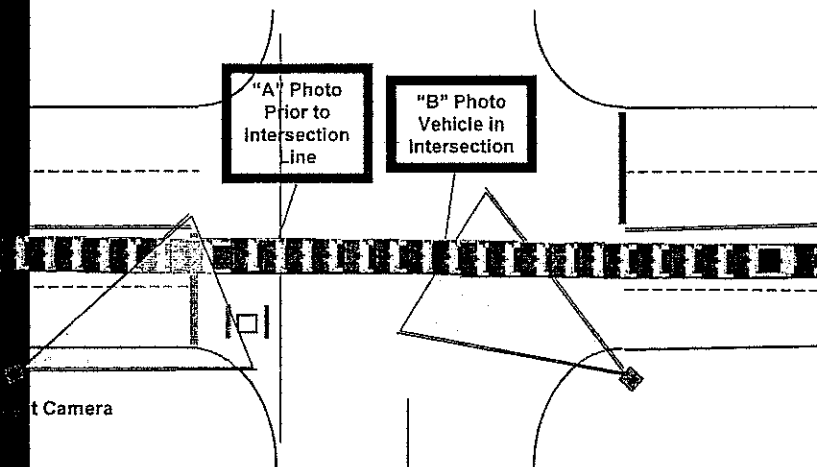
## How it works

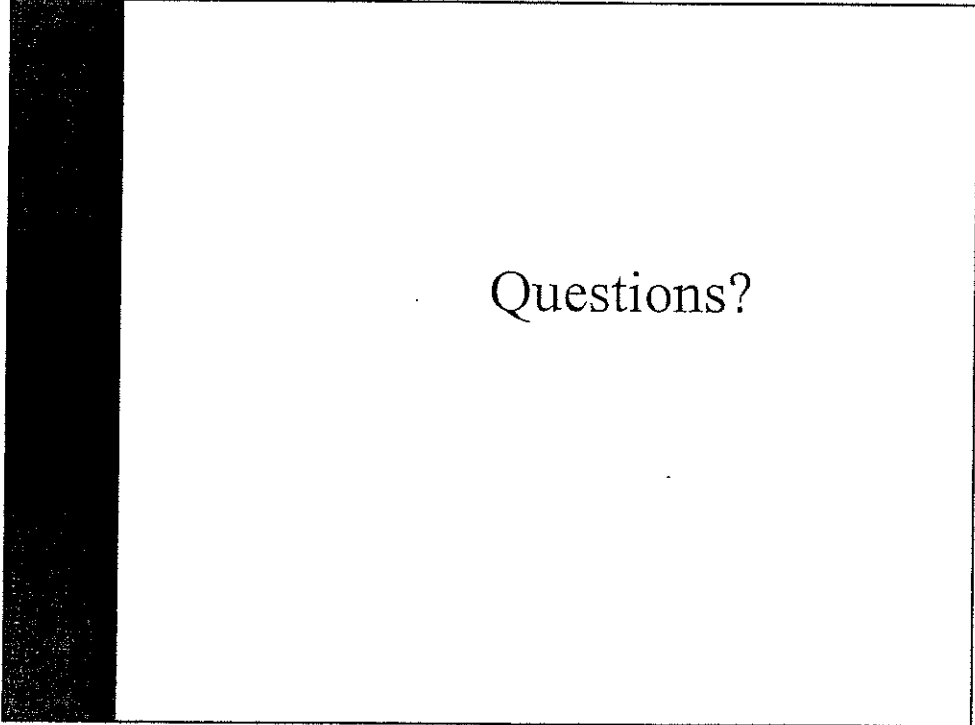
- The second picture then shows the vehicle continuing through the intersection a short time later (0.5 to 1.5 seconds).

## How it works

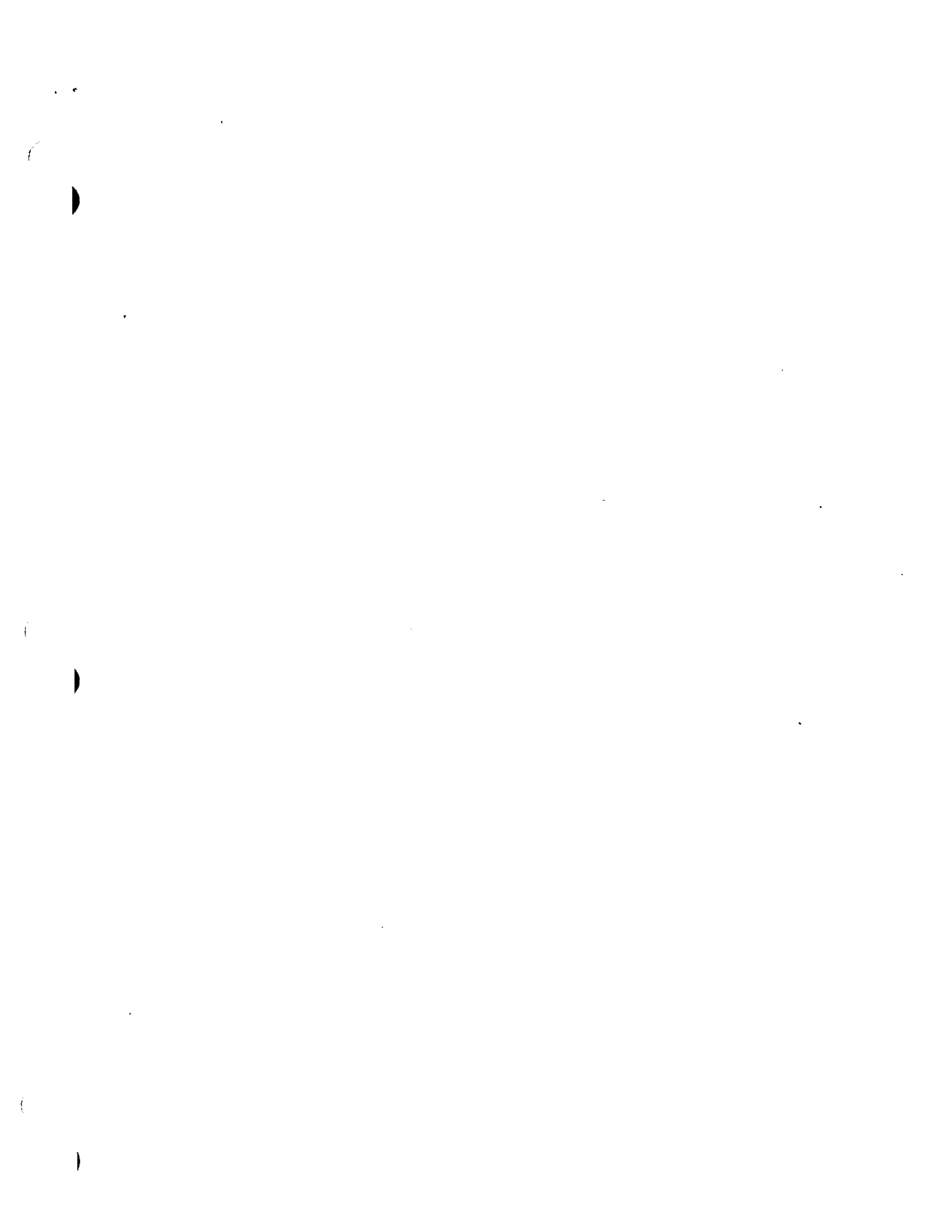
- Video is also available which will give a continuous history and even predict a red light runner by the vehicles speed prior to entering the intersection.

## Red Light Camera Configuration





Questions?



J



# NEWS RELEASE

DIVISION OF POLICE • COLUMBUS, OHIO  
JAMES G. JACKSON • CHIEF OF POLICE

For Immediate Release:

For further information Contact Sherry Mercurio at  
614/645-4593

## Public Information Office

May 17, 2004  
MA# 29-04

### Red Light Enforcement Town Meeting

The Columbus Division of Police and the Columbus Health Department will be hosting a "Neighborhood Town Meeting" to discuss obtaining a Red Light Enforcement system in Columbus. This meeting is scheduled for May 18, 2004 at the Columbus Health Department, 240 Parsons Avenue, Columbus, Ohio 43215. The meeting will begin promptly at 7 p.m. and run no later than 9 p.m.

The objective of automated traffic law enforcement is to reduce the number of crashes and improve adherence to traffic laws. This photographic and electronic technology is used at high crash sites, other high-risk locations, or in situations where traffic law enforcement personnel cannot be utilized, either due to pressing needs or where inherent on-site problems make traditional enforcement difficult.

Members of the City of Columbus Red Light Committee will join in an open, public forum to listen to concerns and answer questions regarding the proposed use of a Red Light Enforcement system in the City of Columbus.

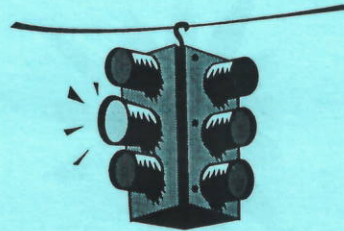
It is the Division's hope that holding this public forum will allow it to reach more citizens in its attempt to educate the public on a proposed Red Light Enforcement system

*All citizens are welcome and encouraged to attend!*

###

**K**

# *City of Columbus Focus on Safety*



City of Columbus 2003-2004 Crash Data Report  
By Transportation Division and Proposed  
Intersections by Officer's in the field.

12/10/2004



# City of Columbus 2003 Crash Data

## Transportation Division

Cleveland Ave. @ E. Spring St.	S/B
N. 4 <sup>th</sup> St. @ E. 5 <sup>th</sup> Ave.	N/B-W/B
N. 3 <sup>rd</sup> St. @ E. Fulton St.	S/B
E. Broad St. @ S. 3 <sup>rd</sup> St.	E/B
Chittenden Ave. @ Summit St.	S/B-W/B

# City of Columbus 2003 Crash Data Transportation Division

N. 4 <sup>th</sup> St. @ Mt. Vernon Ave.	N/B
E. Broad St. @ Grant Ave.	N/B-E/B
Gettysburg Rd. @ Henderson Rd.	E/B
Fairwood Ave. @ E. Livingston Ave.	E/B
S. 4 <sup>th</sup> St. @ E. Town St.	W/B

# City of Columbus 2004 Crash Data Transportation Division

Cleveland Ave. @ E. Spring St.	S/B-N/B-W/B
Cleveland Ave. @ Naughten St.	S/B
N. 4 <sup>th</sup> St. @ Mt. Vernon Ave.	N/B
N. 4 <sup>th</sup> St. @ E. 5 <sup>th</sup> Ave.	E/B-W/B
S. Central Ave. @ Sullivant Ave.	S/B

# City of Columbus 2004 Crash Data Transportation Division

- W. Broad St @ Sylvan Ave. E/B
- Hudson St. @ I-71 N/B Ramp E/B
- E. Broad St. @ S. 4<sup>th</sup> St. W/B
- S. Hamilton Rd. @ I-70 W/B Ramp N/B
- E. Main St. @ S. 3<sup>rd</sup> St. S/B

# Proposed Intersections By Officer's in the field

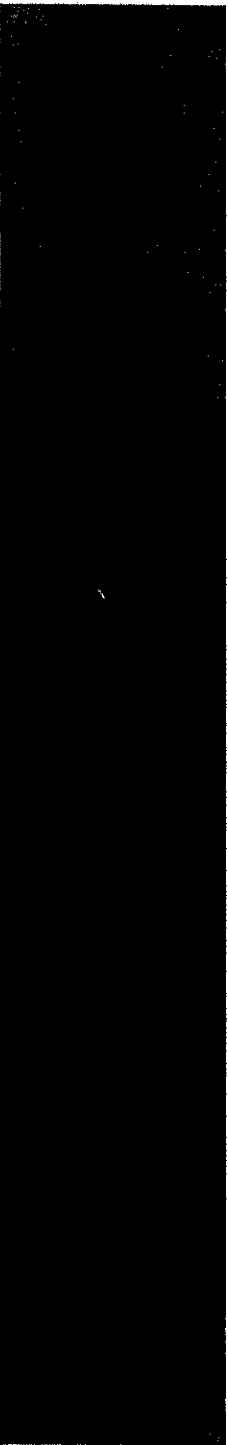
- Georgesville Rd. @ Clime Rd.
- S. 4<sup>th</sup> Ave. @ Fulton St
- Lechner Ave. @ W. Broad St
- Wilson Rd. @ Trabue Rd.
- Alum Creek Dr. @ E. Livingston Ave

# Proposed Intersections By Officer's in the field

- E. Main St. @ Wilson Ave.
- Cleveland Ave. @ Hudson St.
- Morse Rd. @ Stelzer Rd.
- Morse Rd. @ Sunbury Rd.
- S. High St. @ Dering Rd.

# Proposed Intersections By Officer's in the field

- S. High St. @ Greenlawn Ave.
- S. High St. @ Obetz Rd.
- Bryden Rd. @ S. Champion Ave.
- Hamilton Ave. @ Hudson St.
- 17<sup>th</sup> Ave. @ Cleveland Ave.



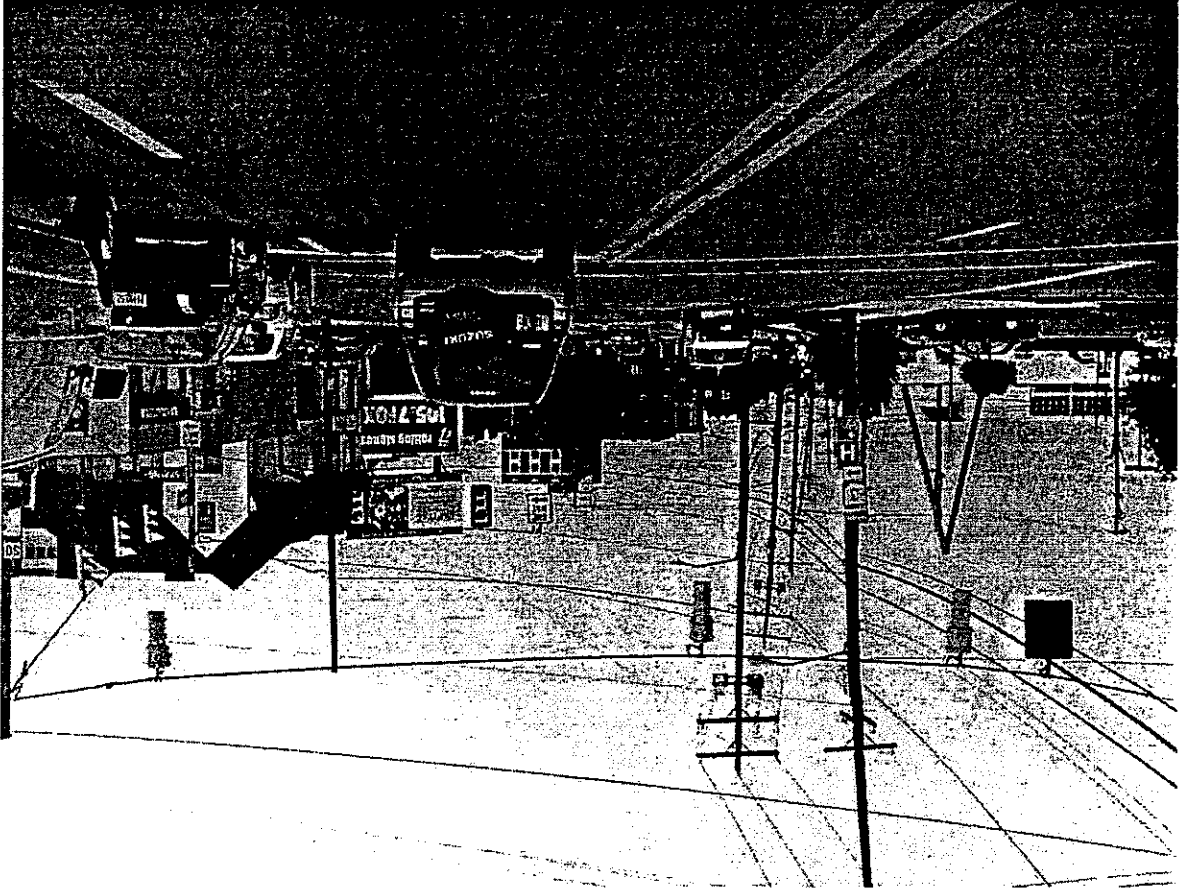
# Proposed Intersections By Officer's in the field

Easton Way @ Stelzer Rd.

Morse Rd. @ Westerville Rd.



TRANSPORTATION DIVISION



2003 and 2004 Data

CITY OF COLUMBUS - PHOTO RED LIGHT ENFORCEMENT

## POTENTIAL LOCATIONS FOR RED LIGHT CAMERAS

### INTERSECTION SELECTION

Crashes which have a Contributing Circumstance of " Ran Red Light" based on 2003 OH-1 Crash Reports are considered. These are sorted by frequency in descending order. The intersection approach with a pattern of ran the red is noted.

<b>Intersection</b>	<b>Approach</b>	<b>Data</b>	<b>RTRL Frequency</b>
<b>Cleveland Ave at Spring St</b>	SB	2003 RTRL	17
4th St at Fifth Ave	NB, WB	2003 RTRL	14
3rd St at Fulton St	SB	2003 RTRL	14
Broad St at 3rd St	EB	2003 RTRL	9
Chittenden Ave at Summit St	SB, WB	2003 RTRL	9
4th St at Mt. Vernon	NB	2003 RTRL	9
Broad St at Grant Ave	NB, EB	2003 RTRL	6
Gettysburg Rd at Henderson Rd	EB	2003 RTRL	6
Fairwood Ave at Livingston Ave	EB	2003 RTRL	5
4th St at Town St	WB	2003 RTRL	5

<b>Intersection</b>	<b>Injury</b>	<b>PDO</b>
<b>Cleveland Ave at Spring St</b>	10	7
4th St at Fifth Ave	8	6
3rd St at Fulton St	4	10
Broad St at 3rd St	2	7
Chittenden Ave at Summit St	3	6
4th St at Mt. Vernon	4	5
Broad St at Grant Ave	4	2
Gettysburg Rd at Henderson Rd	3	3
Fairwood Ave at Livingston Ave	2	3
4th St at Town St	3	2

## POTENTIAL LOCATIONS FOR RED LIGHT CAMERAS

### INTERSECTION SELECTION

Crashes which have a Contributing Circumstance of "Ran Red Light" based on 2004 OH-1 Crash Reports are considered. These are sorted by frequency in descending order. The intersection approach with a pattern of ran the red is noted.

<b>Intersection</b>	<b>Approach</b>	<b>Data<sup>1</sup></b>	<b>RTRL Frequency</b>
<b>Cleveland Ave at Spring St</b>	SB, NB, WB	2004 RTRL	14
Cleveland Ave at Naghten St	SB	2004 RTRL	13
4th St at Mt. Vernon Ave	NB	2004 RTRL	10
4 <sup>th</sup> St at Fifth Ave	EB, WB	2004 RTRL	9
Central Ave at Sullivant Ave	SB	2004 RTRL	9
Broad St at Sylvan Ave	EB	2004 RTRL	8
Hudson St at I-71 NB Ramp	EB	2004 RTRL	8
Broad St at 4 <sup>th</sup> St	WB	2004 RTRL	6
Hamilton Rd at I-70 WB Ramp	NB	2004 RTRL	6
Main St at 3 <sup>rd</sup> St	SB	2004 RTRL	6

<sup>1</sup>Through 11/30

<b>Intersection</b>	<b>Injury</b>	<b>PDO</b>
<b>Cleveland Ave at Spring St</b>	7	7
Cleveland at Naghten St	4	9
4th St at Mt. Vernon Ave	5	5
4 <sup>th</sup> St at Fifth Ave	3	6
Central Ave at Sullivant Ave	4	5
Broad at Sylvan Ave	1	7
Hudson St at I-71 NB Ramp	2	6
Broad St at 4 <sup>th</sup> St	1	5
Hamilton Rd at I-70 WB Ramp	4	2
Main St at 3 <sup>rd</sup> St	2	4

**L**

**Tyre, Evelyn M.**

---

**From:** DoT Service Message  
**Sent:** Tuesday, January 18, 2005 1:17 PM  
**To:** Exchange Users; Exchange Users-PUBLICSERVICE; Remote Users; E-mail, Internet; Technology Help Desk  
**Subject:** Photo Red Light Forum  
**Importance:** High  
**Expires:** Monday, January 31, 2005 5:00 PM

## ***Photo Red Light Enforcement is coming to Columbus!***

*If you would like to learn more,  
please join us for one of the following community forums!*

*January 18th, 6:00 P.M.  
Linden Library  
2223 Cleveland Ave*

*January 19th, 6:00 P.M.  
Barnett Rec Center  
1184 Barnett Rd*

*January 20th, 11:00 A.M.  
Columbus Health Dept.  
240 Parsons Ave*

*January 20th, 6:00 P.M.  
Columbus Police Academy  
Hague Ave*

**Q: What is photo red light enforcement?**

A: Cameras at intersections are connected to the traffic signal and to sensors buried in the pavement at the crosswalk or stop line. Drivers passing over the sensor **after** the signal has turned red will be photographed and sent a citation in the mail.

**Q: Why does Columbus need photo red light?**

A: Over the past three years (2001-2003), there have been **3,873 crashes, 11 fatalities, and more than 1,700 individuals injured** in red light running crashes.

**Q: Where will cameras be placed?**

A. Cameras will be placed at intersections that have been identified as having a significant number of red light running crashes or violations.

**Q: What do I do if I get a ticket?**

A: A photo red light ticket is no different from any speeding ticket. You can pay the fine, contest the ticket, or appear in court.

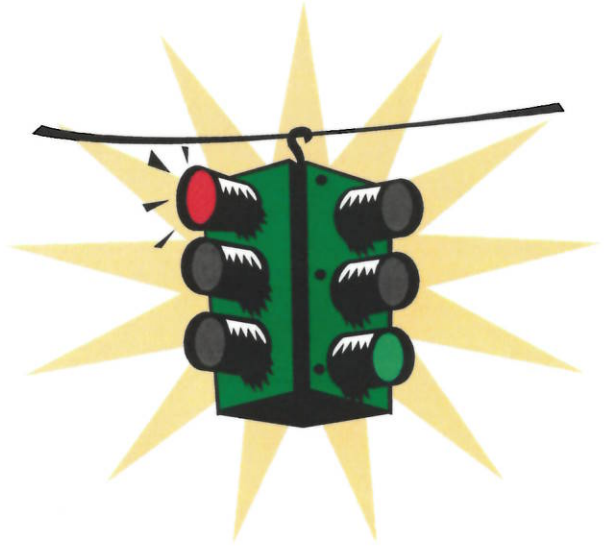
For more information call (614)645-0867

Photo Red Light Enforcement is an initiative of the City of Columbus Division of Police  
and Office of Public Safety

**CONFIDENTIALITY NOTICE:**

*This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.*

# *Photo Red Light Enforcement is Coming to Columbus!*



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Join us for a community forum on  
January 20th, 11:00 A.M. at the  
Columbus Health Dept. Auditorium  
240 Parsons Ave**

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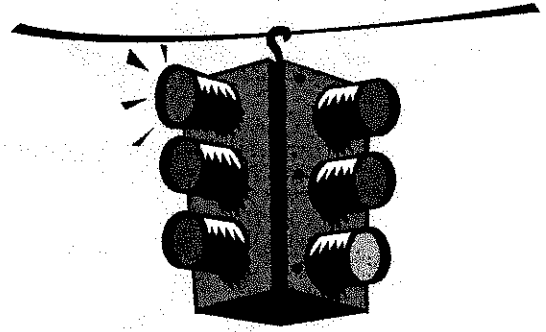
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Division of Police and Office of Public Safety

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Linden Library**

2223 Cleveland Ave

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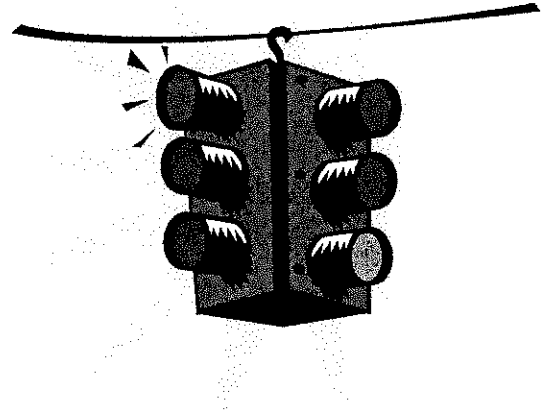
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Barnett Rec Center**

1184 Barnett Rd

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Photo Red Light Enforcement is an initiative of the City of Columbus Division of Police  
and Office of Public Safety

**M**

Mayor's Award of Excellence  
Nomination Form

RECEIVED  
PERSONNEL ADMINISTRATION  
06 JAN 23 PM 1:52

All city employees are invited to nominate another employee or group of employees for the Mayor's Award of Excellence. These prestigious awards recognize outstanding individuals or groups of individuals within Columbus city government for their life saving/humanitarian efforts, their outstanding job performance, their community service and/or their outstanding service delivery. **Nomination forms must be submitted by 5 p.m. on January 23, 2006 to the Department of Human Resources, City Hall, Room 311.** Please call Tina De Fluiter at ext. 5-5960 if you need assistance in filling out this nomination form. Please make a copy for yourself before submitting your nomination. Copies of this form are acceptable for submission.

DIVISION OF POLICE  
COLUMBUS, OHIO

Nominee(s) Name(s): AMANDA FORD  
CMDR JEFFREY BLACKWELL / P.O. ROGER FORD  
Job Classification(s): POLICE COMMANDER, POLICE OFFICER  
Department: Health Division: SAFETY Work phone: 645-9661

You must include the following information in order for your nomination to be valid

Nominator (your name): CMDR Richard Crosby - TRAFFIC

Job Classification: \_\_\_\_\_  
Department: POLICE Division: SAFETY Work phone: 645-4661

The nominee(s) is (are) being recommended to receive which of the following awards:

- Lifesaving/Humanitarian Effort:** Heroic deed or action taken to help someone in need.
- Outstanding Job Performance:** Exemplary performance in initiative/attitude, leadership, and/or personal and professional achievement.
- Community Service:** Assists others in the community or workplace as a volunteer.
- Outstanding Service Delivery:** Utilization of technology, community resource and partnerships in creative ways to improve service and customer service.

Please describe on the backside of this form the nominee's performance that qualifies them as a candidate for the Mayor's Award of Excellence. Failure to describe the performance will disqualify the nomination.

For Internal Use Only

Elected Official or Director's Signature \_\_\_\_\_ Date \_\_\_\_\_

Approved

Denied - please identify reason(s)

Please use this side of the form to describe the nominee's performance that qualifies them as a candidate for the Mayor's Award of Excellence. Failure to describe their performance will disqualify the nomination.

For the past 3 years, the Photo Red Light Committee, chaired by Commander Jeffrey Blackwell has worked diligently to bring Photo-Red Light technology to the City of Columbus. Photo Red Light Technology is a viable asset and component of a comprehensive program of traffic calming and safety measures.

Research indicates that there are nearly 2 million intersection accidents yearly. Of those red light violation crashes, ~89,000 resulted in injuries and over 1,000 deaths.

One of the most effective, proven, and cost effective methods to address red light violations is by the use of red light photo enforcement.

Columbus Ohio has over 1,100 signalized intersections. Columbus Police have a manpower shortage. It is hoped that this technology will promote driver safety in Columbus and save lives.

Cmdr Jeff Blackwell - Police

Officer Roger Foor - Police

Amanda Ford - Health Dept.

worked incessantly for over 3 years to bring this technology to the citizens of Columbus.

Cmdr. [Signature] #5018  
By ACM [Signature] #5062