



# **Red Light Safety Camera Program Update**

**Board of County Commissioners  
June 19, 2012**

*Presented by*

**Public Works Department  
Traffic Engineering Division**



# Red Light Safety Camera Program Update

## Background

- Early 1990's : Use of "Photo Enforced Camera Systems" began in the United States
- Their usage is now popular and increasing
- 19 States and numerous cities have approved programs
- 2010: Florida Legislature approved "Mark Wandall Safety Act"
- July 2010: County Approved Ordinance



# Red Light Safety Camera Program Update

## Background

- Mark Wandall Safety Act
  - Provides for a notice of violation and citation to the registered owner of vehicle
  - Establishes procedures for enforcement
  - Sets penalty amount of \$158.00
  - Defines distribution of funds
  - Limits Vendor Compensation
  - Defines FDOT and DMVHS Responsibilities
- Programs now adopted in 61 major jurisdictions statewide



# Red Light Safety Camera Program Update

## Background

- Orange County:
  - 2008 County conducted pilot program
    - 26 weeks
    - 8 Cameras at 3 intersections
    - 7,098 Warnings to violators





# Red Light Safety Camera Program Update

## Background

- Late 2009: County issued Invitation for Bid  
Prior to approval of “Mark Wandall Act”
  - 10 cameras on county roadways
  - 2 bids received (TraffiPax and ATS)
  - Bid awarded to ATS for \$4,750 per month per camera
  - Award delayed pending  
end of Legislative session
- Program start date Feb. 28, 2011





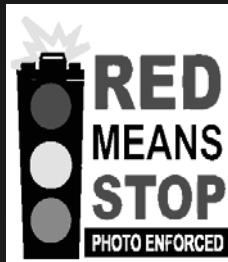


# Red Light Safety Camera Program Update

## Program Results

Feb 2011 – April 2012

- Orange County
  - Revenue Collected: \$2,297,541
  - Revenue Remitted to State: \$1,216,154
  - Orange County's Portion: \$1,081,387
    - Paid to Vendor: \$699,110
    - Net to County: \$412,276





# Red Light Safety Camera Program Update

## Program Results

Feb 2011 – April 2012

- Benefits:
  - Safer Intersections
  - Reduction in Violations
  - Reduction in Crashes
  - Reduction in Law Enforcement and Fire & Rescue Responses





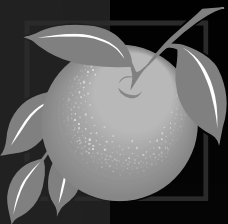


# Red Light Safety Camera Program Update

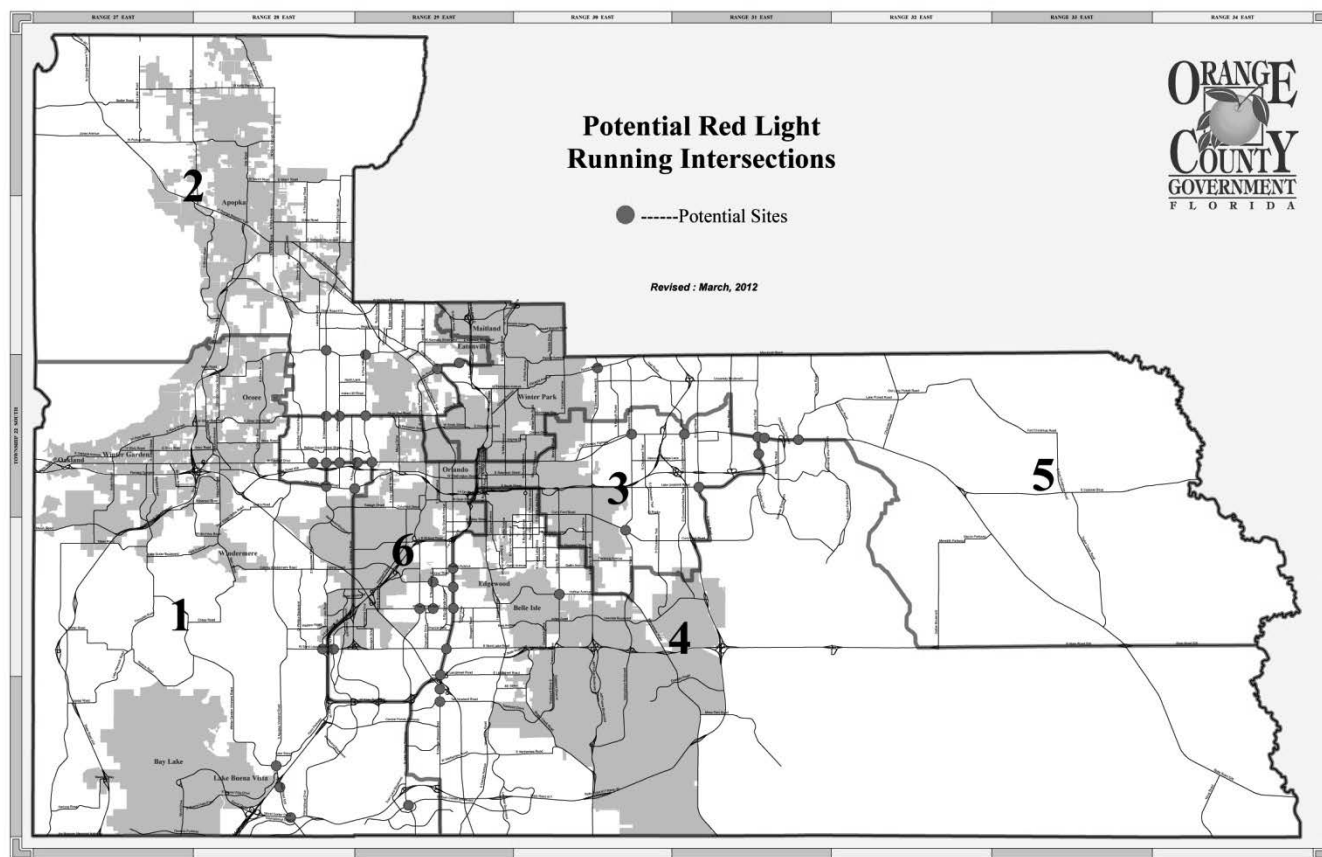
## Planned Program Expansion

- Expansion is Warranted:
  - Reduced crashes and citations at current camera locations
  - System issues and legal processes evaluated
  - Use of cameras on state roads defined
  - 80 additional cameras in the next two years





# Red Light Safety Camera Program Update Potential Locations





# Red Light Safety Camera Program Update

## Available Vendors

- American Computer Services (ACS) / Xerox Corp.
  - Hold Current contracts in FL
- American Traffic Solutions (ATS)
  - Operates majority of programs in Florida
  - Vendor for Current County Program
- Gatso
  - Hold Contracts or in negotiation with 5 cities within Central Florida



# Red Light Safety Camera Program Update

## Available Vendors

- Redflex
  - Operates over 2,000 programs within 250 cities nationwide
- Sensys America
  - Headquarters in FL with operating office in Orlando





# Red Light Safety Camera Program Update

## Procurement Methods

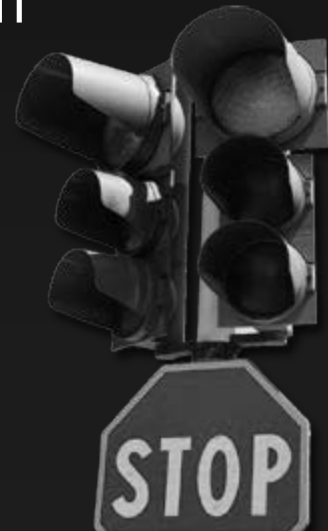
- Sole Source to ATS
  - Advantages
    - No need to re-bid contract
    - Time savings on bid process
    - Familiar with our Program and process
  - Disadvantages
    - Limits competition
    - Appearance of favoritism
    - No way to determine the lowest bid cost for service



# Red Light Safety Camera Program Update

## Procurement Methods

- Competitive Solicitation
  - Invitation for Bid (IFB)
    - Parameters approved by statute
    - Vendors pre-qualified by FDOT
    - Fixed Unit Cost
    - Experience with sufficient camera program





# Red Light Safety Camera Program Update

## Procurement Methods

- Competitive Solicitation
  - Request for Proposal (RFP)
    - County evaluates proposals
      - Equipment
      - Technology
      - Processing
      - Qualifications of Firm
      - Other Factors
        - Cost
        - Negotiated Price





# Red Light Safety Camera Program Update Summary

- Red Light Safety Cameras are popular in U.S.
- Multiple Active Programs throughout the State
- County Expansion is Ready to Proceed
- 5 Vendors are Pre-Qualified by FDOT
- Competitive bidding gets the best price
- Staff capable to simultaneously  
operate the program with multiple vendors





# Red Light Safety Camera Program Update

## Recommendation

- Expand the Red Light Running program by adding 40 cameras in FY 2013 and 40 cameras in FY 2014





# Red Light Safety Camera Program Update Recommendation

- Board direction to proceed with IFB or RFP





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