

Baton Rouge's Red Light Safety Program

**RED
MEANS
RED**



Red Light Running Safety Program



John S. Stewart / AP

- Test Safety Program
- Started February 2008
- First Traffic Signal Location
 - Sherwood Forest @ Coursey
- City & State Locations inside the City Limits
 - 24 approaches
 - 17 Intersections
- Locations Selected Based on # Accidents

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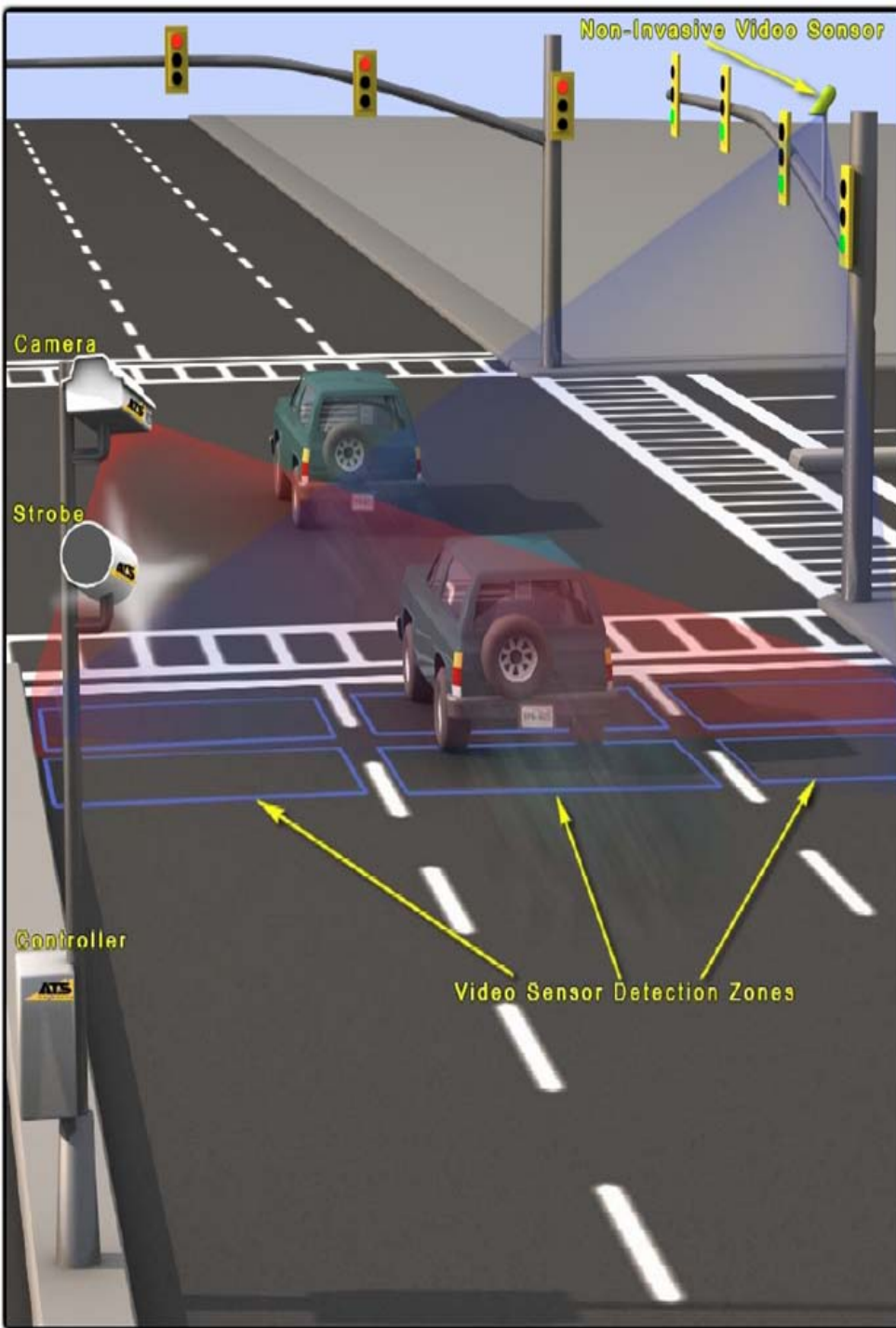
Baton Rouge's Red Light Safety Program

- Public Trust
 - Media Blitzs
 - TV Spots
 - Newspaper Articles
 - Website/Blogs
 - Engineering
 - Engineering Studies Done To Validate the Clearances
 - Clearances Found to Be Acceptable
 - Only Changes Have Been Additional Red Time
 - Driver Friendly Business Rules
 - 22,793 Violations Issued - ~ 2.67M -> 1.73M

Red Light Safety Program



- Public Misperceptions
 - Glare On Detection Cameras Is RLRCs
 - Every Signal is RLRC
 - Revenue Stream/Tax
 - Contractors Control Signal Timings
 - Crossing Stop Bar



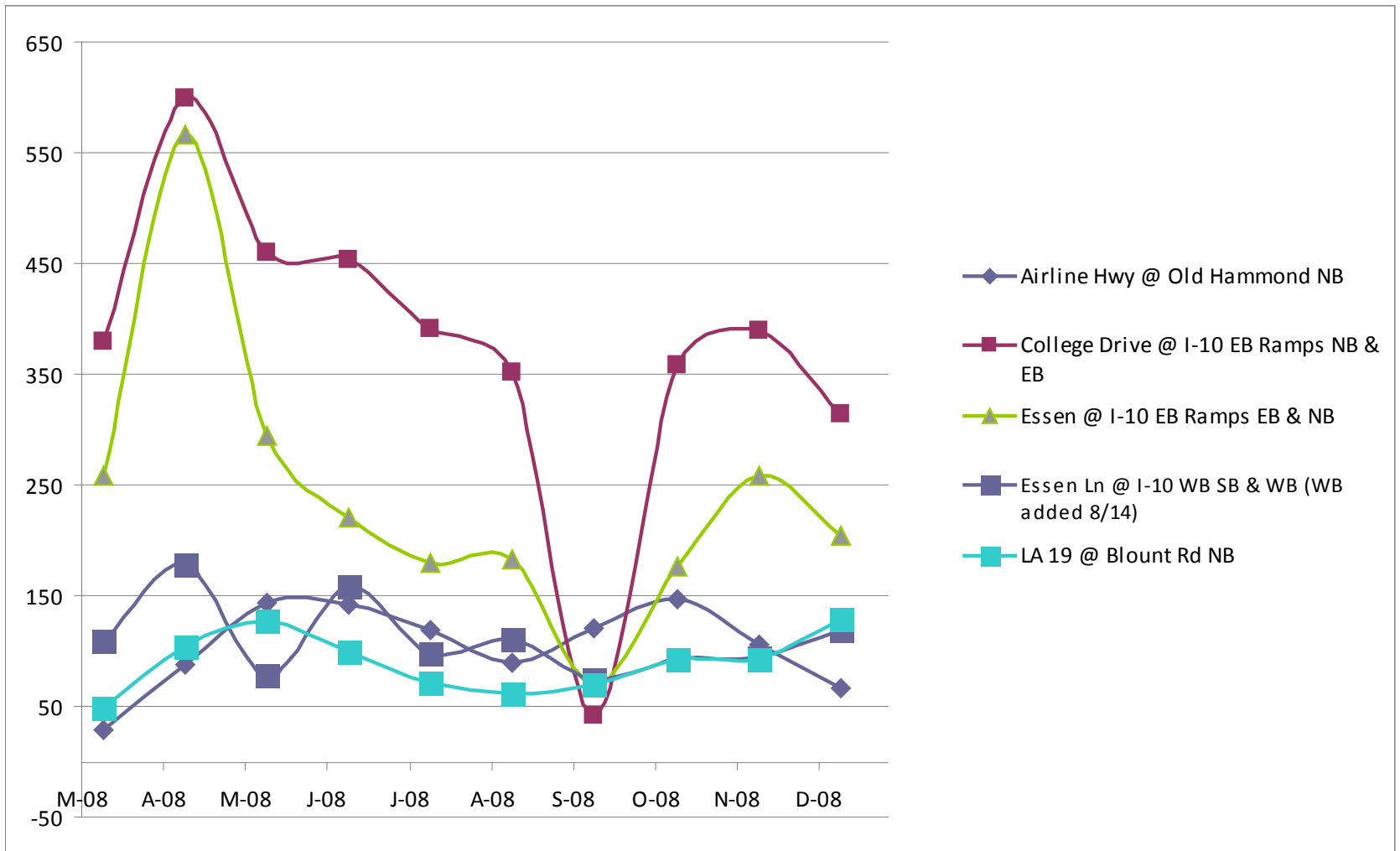
- Comprised of:
 - 1 Digital Camera
 - Gives Vehicle's Rear Photo
 - 1 Video Detection Camera
 - Sets Violator Line
 - Gives Violator Speed
 - 1 Video Camera
 - Records 24 – 7
 - Violator shown 20 seconds
 - 1 Photo Strobe
 - Illuminates License Plate
 - 1 Data Control Cabinet
 - Houses Data
 - Sends Data Several Times Per Day
 - Connects To Signal Cabinet
 - Reds Leads

Preliminary Accident Analysis

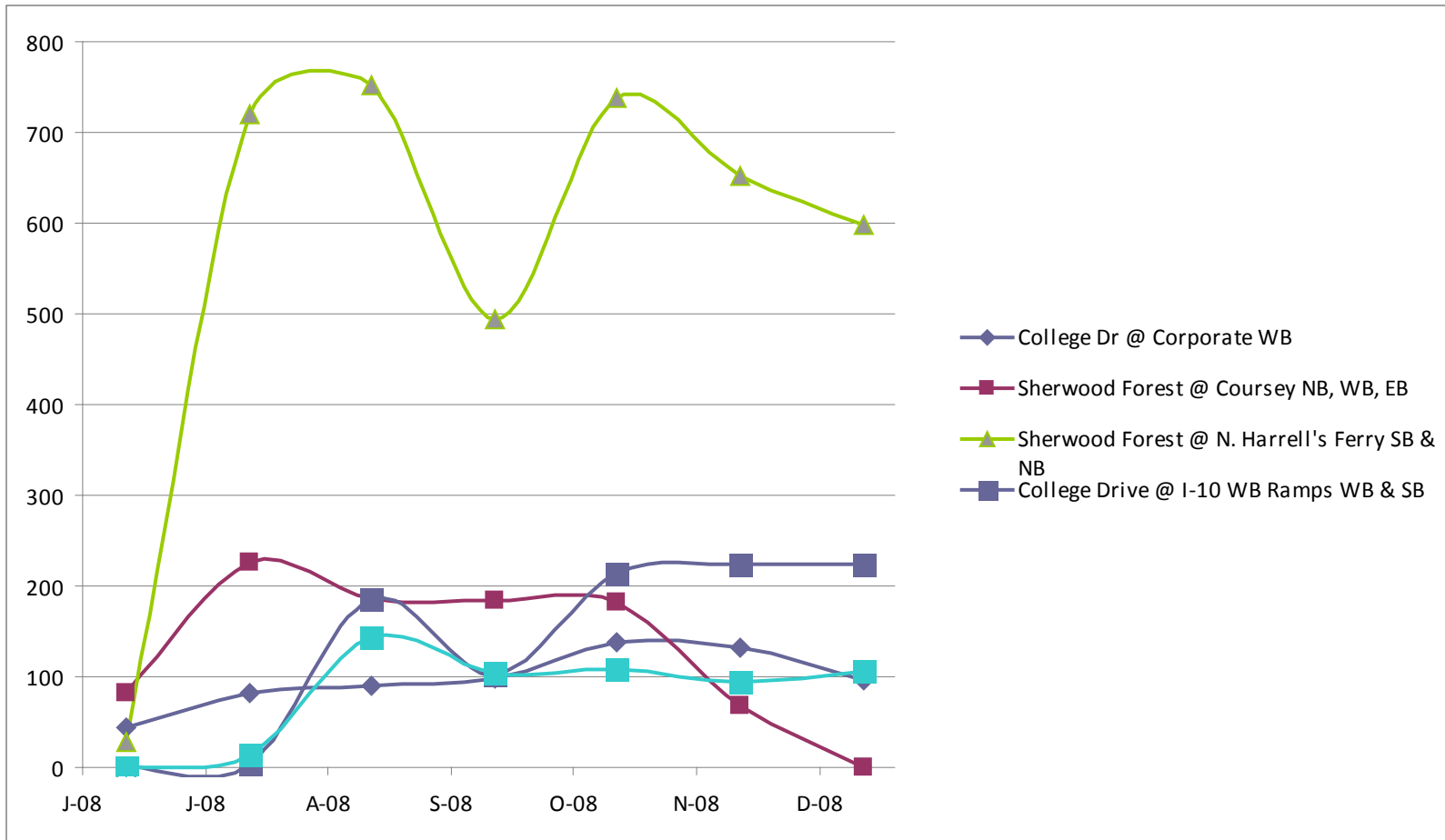


- Sherwood Forest @ Coursey
 - Mid Feb – June 08
 - Accidents Reduced
 - 47 accidents to 33 accidents
- La 19 @ Blount
 - Mid March – Dec 08
 - 16 (2007) vs 13 (2008)
 - Rear Ends Same (7)
 - RT Angle Accidents Reduced
 - From 6 (2007) to 4 (2008)

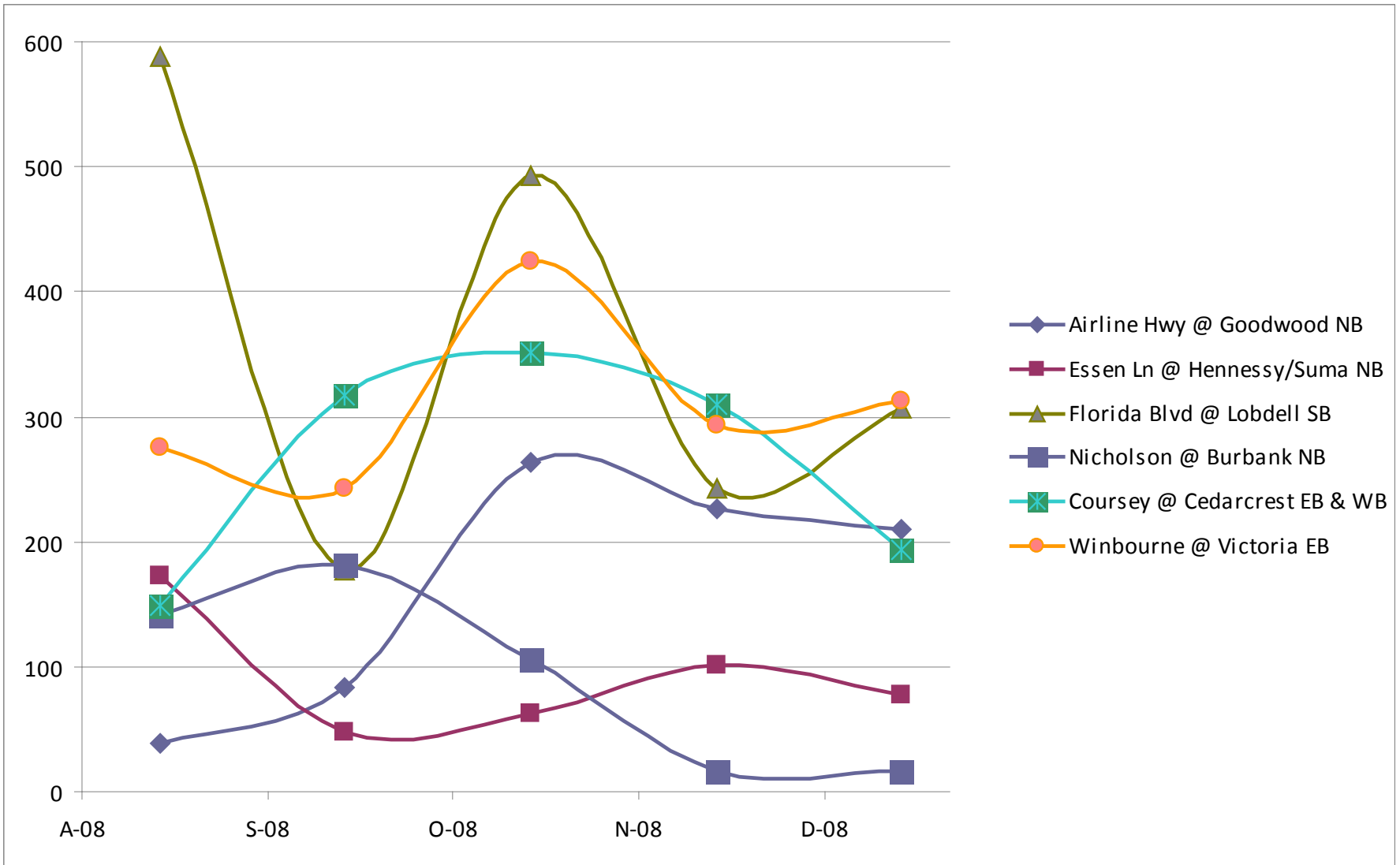
RLRC - March Start



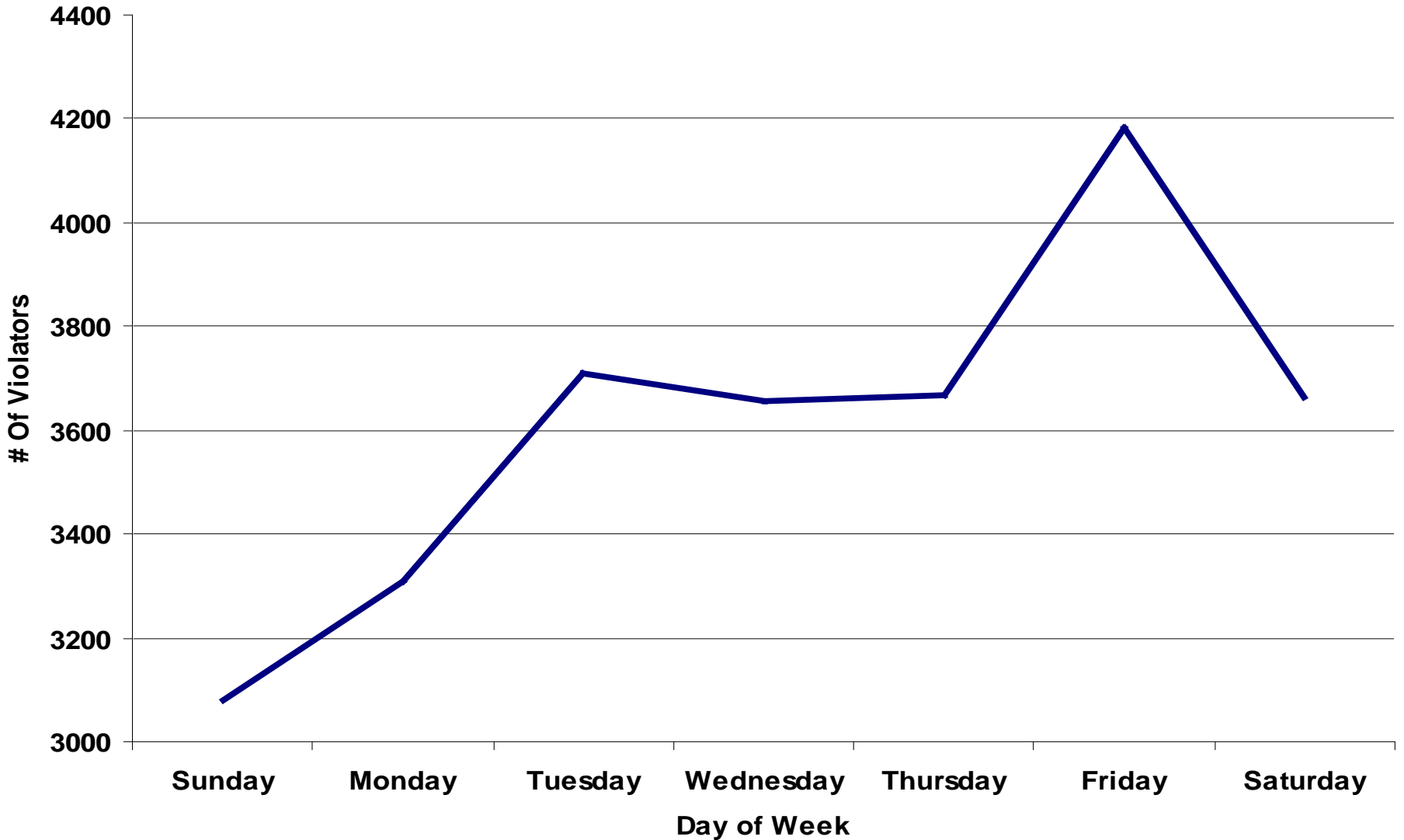
RLRC - June Start



RLRC – August Start



Violator Day Of The Week



Violator Types

