



Dave Kerner
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December 30, 2023

Honorable Ron Desantis
Governor of Florida
PLS, The Capitol
400 South Monroe Street
Tallahassee, FL 32399

Honorable Kathleen Passidomo
Senate President
409 The Capitol
404 South Monroe Street
Tallahassee, FL 32399

Honorable Paul Renner
Speaker of the House
420 The Capitol
402 South Monroe Street
Tallahassee, FL 32399

Dear Governor, President and Speaker:

Pursuant to the provisions of [section 316.0083](#), Florida Statutes, the Department of Highway Safety and Motor Vehicles respectfully submits the enclosed summary report on the use of traffic infraction detectors at red light intersections in Florida.

This report is a compilation of information the Department received from counties and municipalities through an on-line survey. The survey requested information on statistical data, enhancement to traffic safety, and procedural policies or guidelines jurisdictions follow in operating their red light camera programs during Fiscal Year 2022-2023 (July 1, 2022 to June 30, 2023).

The Department requested that survey responses be submitted by October 2, 2023. It should be noted that any actions that jurisdictions may have taken related to their program subsequent to that date would not be reflected in this report. In addition, for your reference, we are including the individual survey responses from each responding jurisdiction.

Should you need additional assistance or have further questions, please do not hesitate to contact me at (850) 617-3100.

Respectfully,

Dave Kerner
Executive Director



Red Light Camera Summary Report

Leaders in Service • Agents of Progress • Champions for Safety

Fiscal Year 2022–2023

DECEMBER 30, 2023

Florida Department of Highway Safety and Motor Vehicles Red Light Camera Report for Fiscal Year 2022-2023

Introduction

The Florida Department of Highway Safety and Motor Vehicles (the department) is required by statute to provide reporting on the data related to traffic infraction detector (red light camera) violations and citations.

[Section 316.0083\(4\)\(a\)](#), Florida Statutes, directs each county or municipality that operates traffic infraction detectors (red light cameras) to submit a report by October 1, annually, to the Florida Department of Highway Safety and Motor Vehicles (the department) which details the results of using the traffic infraction detectors, and the procedures for enforcement for the preceding state fiscal year. The information submitted by the counties and municipalities must include statistical data and information required by the department to complete the report required under paragraph (b).

[Section 316.0083\(4\)\(b\)](#), Florida Statutes, directs the department to provide a summary report on the use and operation of red light cameras in Florida. The summary report must include a review of information submitted to the department by the counties and municipalities and must describe the enhancement of the traffic safety and enforcement programs.

The terms “Traffic Infraction Detector” and “Red Light Camera” are interchangeable, but this report will use red light camera, or RLC, for simplicity.

The counties and municipalities covered in this report will be referred to as jurisdictions.

Notices of Violation will be referred to as NOVs.

Uniform Traffic Citations will be referred to as UTCs.

Part 1

Survey Methodology

The department created an online survey to gather information and data from jurisdictions responsible for the administration of red light cameras during Fiscal Year 2022-2023. The 35-question survey included topics such as procedures, NOVs, and program size, and covered activity that occurred from July 1, 2022, through June 30, 2023. As there is no statewide oversight of red light camera programs, the department identifies which jurisdictions potentially operated red light cameras during the reporting period utilizing a report from the Department of Revenue of monies remitted to them from RLC programs. Jurisdictions were also asked to complete a spreadsheet of their camera and intersection locations and dates of operation. With this self-reported information, the department independently collected crash data related to red light camera intersections throughout the state.

Surveys were distributed to all jurisdictions who responded to previous red light camera surveys, and to those who remitted red light camera monies to the Department of Revenue during the reporting period.

Summary of Survey Responses

In total, 41 jurisdictions appeared on the Department of Revenue report for remittance of RLC penalties during Fiscal Year 2022-2023. Of the 41 jurisdictions, one indicated they are no longer operating an RLC program (Sweetwater), even though monies were remitted after the conclusion of their program. Violations are sometimes paid late, which is why some jurisdictions remitted monies after the conclusion of their program. The survey portion of this report focuses on 40 jurisdictions that indicated red light cameras were operational during the reporting period of July 1, 2022 through June 30, 2023. Reference Appendix F for a list of the 40 jurisdictions and their responses.

The following information is the Camera and Intersection Data as reported by local jurisdictions in the R L C survey:

- There were 495 red light cameras active as of July 1, 2022, compared to 491 as of July 1, 2021.
- There were 476 red light cameras active as of June 30, 2023, compared to 487 as of June 30, 2021.
 - 32 jurisdictions had no change in the number of red light cameras, including 1 jurisdiction that cancelled their program at the end of the fiscal year (Doral).
 - 5 jurisdictions had an increase in the number of red light cameras.
 - 3 jurisdictions had a decrease in the number of red light cameras, which includes 1 jurisdiction that cancelled their program during the fiscal year (Manatee County).
- There were 301 intersections with active RLCs as of July 1, 2022, compared to 302 as of July 1, 2021.
- There were 297 intersections with active RLCs as of June 30, 2023 compared to 298 as of June 30, 2022.
 - 35 jurisdictions had no change in the number of intersections with RLCs.
 - 3 jurisdictions had an increase in the number of intersections with RLCs.
 - 2 jurisdictions had a decrease in the number of intersections with RLCs, which includes 1 jurisdiction that cancelled their program (Manatee County).

The following information is the Notice of Violation Data as reported by local jurisdictions in the R L C survey:

- A total of 976,478 NOVs were issued. Of these:
 - 596,518 NOVs were paid;
 - 5,572 were contested and are pending;
 - 1,122 were contested and dismissed;
 - 3,846 were contested and upheld;
 - 260,360 were issued as UTCs;
 - 9,570 are pending issuance as UTCs, which includes 8 jurisdictions that left the survey field blank; and
 - 99,490 are of unknown status as processing and updates of NOVs vary by jurisdiction.

Table 1 below shows the number of NOVs issued for red light camera violations over the past nine fiscal years, which run from July 1st through June 30th. Also provided are the number of citations for running a red light issued in-person by law enforcement. The NOV data is self-reported by jurisdictions. The citation data is collected from the department database as of November 20, 2022.

Table 1: Notices of Violation and In-Person Citations by Fiscal Year		
Fiscal Year	Notices of Violation	In-Person Citations
2014-2015	963,039	57,546
2015-2016	1,227,927	50,755
2016-2017	1,173,232	48,129
2017-2018	1,159,392	50,249
2018-2019	1,054,234	51,939
2019-2020	1,127,450	42,879
2020-2021	955,297	41,150
2021-2022	1,014,273	47,415
2022-2023	976,478	50,751

Table 2 below shows the number of unpaid R L C violations resulting in a U T C being issued.

Table 2: RLC Violations Issued as UTCs	
Fiscal Year	UTCs
2014-2015	300,224
2015-2016	383,538
2016-2017	359,289
2017-2018	352,539
2018-2019	332,238
2019-2020	243,604
2020-2021	212,229
2021-2022	264,442
2022-2023	260,360

Citation data collected from department database as of November 20, 2022.

Personnel

Jurisdictions were requested to identify who reviews the camera images before issuing NOVs, who reviews contested NOVs and who ultimately issues UTCs. Personnel categories included Law Enforcement Officer, Non-sworn Government Employee, Non-sworn Contractor Employee or Vendor, and Other.

Table 3: Jurisdiction Counts of Personnel Responsible for NOV and UTC Actions			
Personnel	Review Camera Images	Review Contested Notices of Violation	Issue Uniform Traffic Citations
Law Enforcement Officers	35	34	34
Non-Sworn Government Employees	19	13	15
Non-Sworn Contractor Employees/Vendors	1	1	0
Other Personnel	4	5	4

Note: Jurisdictions could select multiple options for each question, so numbers may not sum to the total number of respondents. The data is presented as it was reported by the local jurisdictions in the R L C survey.

Right-Hand Turns

Pursuant to [section 316.0083](#), Florida Statutes:

An NOV and UTC may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible.

An NOV and UTC may not be issued under this section if the driver of the vehicle came to a complete stop after crossing the stop line and before turning right if permissible at a red light, but failed to stop before crossing over the stop line or other point at which a stop is required.

The terms in this section of the statute are left to the interpretation of each respective jurisdiction. Appendix G provides right turn definitions provided to the department. For Fiscal Year 2022-2023, 21 of 40, or 52.5%, of the responding jurisdictions issued NOVs for persons making right turns on red signals. Nineteen jurisdictions indicated that they do not track the number of violations issued for right turns on red.

Alternative Safety Measures

The department also requested what other actions jurisdictions had taken to improve safety measures at intersections during the reporting period. Twenty-five of 40 jurisdictions, or 62.5 percent, indicated they had implemented more than one alternative action. Four jurisdictions, or 10 percent, indicated they had implemented just one action. Eleven jurisdictions, or 27.5 percent, indicated they had not implemented any other actions. The results of this question are shown below in Table 4. Appendix F provides responses by jurisdiction.

Table 4: Alternative Safety Measures					
Safety Measure	At intersections with RLC's	At intersections without RLC's	At Both	None	Other
Education and Outreach	10	0	7	23	0
Engineering, Roadway/Geometric	4	2	4	30	0
Engineering, Signalization/Operation	7	2	4	27	0
Increased other type of signage	9	2	2	27	0
Increased RLC-related signage	18	0	0	22	0
Lighting	6	1	6	27	0
Restriping	7	2	8	23	0
Other (social media, tree trimming at stop lights, radar, etc.)	7	0	0	0	2

Other Survey Results Data as reported by local jurisdictions in R L C Survey

Only 15 percent of the jurisdictions, 6 out of 40, reported that court cases have impacted their red light camera program. Seven jurisdictions indicated they have conducted an independent red light camera analysis. Thirty-eight jurisdictions responded they are continuing their program in Fiscal Year 2023-2024. Thirty-four jurisdictions responded that they report crashes electronically, one reports via paper, and five submit both.

Table 5 below shows red light camera vendors used by jurisdictions.

Table 5: Jurisdiction Counts of Red Light Camera Vendors	
Vendor	Number of Jurisdictions
American Traffic Solutions or Verra Mobility	30
Novoa Global	4
Red Flex	2
Red Speed USA	2
Conduent	2
Sensys Gatso Group	2

Table 6 below shows factors used to determine the success or failure of red light camera locations as reported by jurisdictions. Please note that jurisdictions may have selected more than one factor.

Table 6: Factors that Determine Success or Failure of Red Light Camera Locations		
Factor	# of Jurisdictions	% of Total
Number of Crashes	39	97.5%
Pedestrian Safety	38	95.0%
Revenue	5	12.5%
Other (see Appendix F)	2	5.0%

Table 7 below shows other uses of red light camera footage reported by jurisdictions.

Table 7: Jurisdiction Use of RLC Footage		
Use	# of Jurisdictions	% of Total
Crash Investigation	40	100.0%
Criminal Investigation	40	100.0%
Missing Person	11	27.5%
Other (see Appendix F)	4	10.0%

Jurisdictions were asked to rank the importance of various factors when selecting locations to install red light cameras. The results are shown in Table 8.

Table 8: Importance of Factors When Selecting Intersections for R L C's				
Factor	Very Important	Somewhat Important	Not Important	Not Applicable or Blank
Citizen Complaints	25	13	2	0
Law Enforcement Officer Observations	26	10	3	1
Pedestrian Safety	39	1	0	0
Traffic Citation Data	23	11	3	3
Traffic Crash Data	40	0	0	0
Traffic Volume	30	5	5	0

Part 2 Crash Analysis

As with previous fiscal year reports, jurisdictions self-reported the dates of operation and locations of intersections with red light cameras. Intersections were selected to be included in the crash analysis based on their dates of operation. Taking input from jurisdictions who operate red light camera programs, the department refined its methodology to **only include crashes** that occurred on or after July 1, 2012. Therefore, intersections were only included if the activation date was between January 1st, 2013 and December 31st, 2022, allowing at least six months before and after the date the camera was activated. In total, 128 intersections were included in the crash analysis from 27 jurisdictions.

Note: While the methodology remains consistent with prior reports, we worked closely with our partners to verify the locations of red light camera intersections and dates of camera operation. This additional step further validated the analysis.

Crashes occurring within 250 feet of the center of the intersection were analyzed before and after the installation of cameras at each intersection. Table 9 shows the breakdown of crashes analyzed based on their distance from the center of the intersection.

Table 9: Number of Crashes by Feet from Intersection			
Feet from Intersection	Number of Crashes	Percent of Total	Running Total
0 Feet	12,773	38.87%	38.87%
1 to 50 Feet	7,400	22.52%	61.38%
51 to 100 Feet	4,416	13.44%	74.82%
101 to 150 Feet	3,937	11.98%	86.80%
151 to 200 Feet	2,759	8.40%	95.20%
201 to 250 Feet	1,579	4.80%	100.00%
Grand Total	32,864	100.00%	

This data was provided by Signal Four Analytics using intersection location information and operation dates reported by local jurisdictions.

Measures were taken to exclude crashes that occurred anywhere other than the roadway, such as parking lots. The before and after periods used for analysis were unique to each intersection based on the dates of operation, with an equal number of days within each window. Crashes were broken down by manner of collision, injury severity, inclusion of a non-motorist, and whether the crash report indicated a driver ran a red light. See Appendix D for the definition of a non-motorist.

Table 10 shows the breakdown of crashes that occurred before and after the activation of red light cameras at intersections included in the analysis. Again, the department excludes crashes that occurred outside of the roadway. Reference Appendix A for a more detailed breakdown of crashes by reporting jurisdiction. Appendix B is specific to crashes where the officer indicated a driver ran a red light, and Appendix C is specific to crashes involving non-motorists.

Table 10: Manner of Collision: Crashes Before and After R L C's Were Installed		
Type of Crash	Before RLC Installed	After RLC Installed
Front to Rear	7,762	8,020
Angle	3,397	3,520
Sideswipe, Same Direction	2,528	3,115
Other	1,091	937
None reported	847	529
Front to Front	296	333
Unknown	120	81
Sideswipe, Opposite Direction	92	81
Rear to Side	40	36
Rear to Rear	21	18
Fatal Crashes	33	31
Grand Total	16,227	16,701

Table 11 shows the breakdown of crashes by the level of injury severity.

Table 11: Highest Injury Severity in Crashes Before and After RLCs Installed		
Type of Crash	Before RLC Installed	After RLC Installed
Property Damage Only Crashes	12,322	13,021
Injury Crashes	3,839	3,618
Fatality Crashes	33	31

(Data provided by Signal Four Analytics using intersection location information and operation dates reported by local jurisdictions.)

The department maintains partnerships with local jurisdictions to improve the completeness and accuracy of crash report data. The crash analysis should be put into context of the overall complexity of the issue at hand, as many factors may contribute to the change in number of crashes outlined in this report.

One such factor is the increase in Vehicle Miles Traveled, or VMT. The probability of a crash occurring increases as people drive more, and VMT in Florida increased 16.2 percent from calendar years 2012 to 2022. For more information, see the links under Supplemental Resources below.

Another factor is the fluctuation in crash reports with accurate location information, latitude, and longitude. In order to analyze crashes that occurred at certain intersections, it is necessary to know both the location of the intersection and the location of the crashes. Intersection locations, latitude, and longitude were submitted along with the survey; however, latitude and longitude are not included in every crash report.

Part 3

Recommendations

The following recommendations would allow for more accurate reporting of information that cannot currently be tracked through existing systems.

1. Require jurisdictions to track camera information including location with GPS coordinates and dates of operation.
2. To ensure the ability to reconcile N O Vs issued with monies remitted and U T C counts, require jurisdictions that end their red light camera operations to maintain all data regarding the program for a minimum of two years.
3. Require jurisdictions to track the issuance of N O Vs, including the status of those violations paid, contested, and issued as U T Cs.
4. Require jurisdictions to track the issuance of N O Vs for right-hand turn violations.
5. Create a standard for administering violations for right-hand turns on red signals. Define “careful and prudent manner” to allow for a uniform procedure statewide.
6. Require jurisdictions to report alternative safety countermeasures taken prior to and after the installation of red light cameras.
7. To determine the enhancement of traffic safety, the department recommends a more thorough analysis be conducted by an independent organization using appropriate local and state agency resources.

The department will continue to collaborate with local jurisdictions operating red light camera programs to improve the data collection and reporting methodology associated with evaluation of the active programs across the state.

Supplemental Resources

- Department of Transportation’s [Traffic Infraction Detector Placement and Installation Specifications](#)
- Department of Transportation’s [Florida Highway Mileage Reports, Vehicle Miles Traveled](#)

Appendix A: Total Crashes, Before and After Red Light Camera Implementation, by Jurisdiction						
Aventura	Total Intersections	2	Total Crashes Before	100	Total Crashes After	192
Belle Isle	Total Intersections	2	Total Crashes Before	21	Total Crashes After	25
Boynton Beach	Total Intersections	6	Total Crashes Before	766	Total Crashes After	1,061
Clearwater	Total Intersections	2	Total Crashes Before	31	Total Crashes After	70
Coral Gables	Total Intersections	6	Total Crashes Before	904	Total Crashes After	635
Crestview	Total Intersections	2	Total Crashes Before	206	Total Crashes After	222
Davie	Total Intersections	2	Total Crashes Before	104	Total Crashes After	99
Kissimmee	Total Intersections	5	Total Crashes Before	277	Total Crashes After	310
Lakeland	Total Intersections	4	Total Crashes Before	92	Total Crashes After	159
Maitland	Total Intersections	2	Total Crashes Before	149	Total Crashes After	129
Manatee County BOCC	Total Intersections	9	Total Crashes Before	828	Total Crashes After	792
Medley	Total Intersections	5	Total Crashes Before	1,190	Total Crashes After	1,187
Miami Gardens	Total Intersections	2	Total Crashes Before	618	Total Crashes After	510
Miami Springs	Total Intersections	2	Total Crashes Before	2,471	Total Crashes After	1,935
New Port Richey	Total Intersections	2	Total Crashes Before	27	Total Crashes After	20
North Miami Beach	Total Intersections	3	Total Crashes Before	192	Total Crashes After	362
Ocoee	Total Intersections	3	Total Crashes Before	315	Total Crashes After	348
Orange County BOCC	Total Intersections	18	Total Crashes Before	2,060	Total Crashes After	2,370
Orange Park	Total Intersections	3	Total Crashes Before	35	Total Crashes After	40
Orlando	Total Intersections	16	Total Crashes Before	1,760	Total Crashes After	1,974
Osceola County BOCC	Total Intersections	4	Total Crashes Before	373	Total Crashes After	494
Pinecrest	Total Intersections	7	Total Crashes Before	1,073	Total Crashes After	950
Sarasota	Total Intersections	10	Total Crashes Before	1,696	Total Crashes After	1,685
South Miami	Total Intersections	4	Total Crashes Before	503	Total Crashes After	672
Sunrise	Total Intersections	4	Total Crashes Before	173	Total Crashes After	287
Tampa	Total Intersections	2	Total Crashes Before	53	Total Crashes After	45
West Miami	Total Intersections	1	Total Crashes Before	177	Total Crashes After	97
GRAND TOTAL	Total Intersections	128	Total Crashes Before	16,194	Total Crashes After	16,670

Appendix A: Red Light Violations, Before and After Red Light Camera Implementation, by Jurisdiction						
Aventura	Total Intersections	2	Ran Red Light Before	0	Ran Red Light After	0
Belle Isle	Total Intersections	2	Ran Red Light Before	3	Ran Red Light After	2
Boynton Beach	Total Intersections	6	Ran Red Light Before	42	Ran Red Light After	53
Clearwater	Total Intersections	2	Ran Red Light Before	3	Ran Red Light After	3
Coral Gables	Total Intersections	6	Ran Red Light Before	30	Ran Red Light After	23
Crestview	Total Intersections	2	Ran Red Light Before	12	Ran Red Light After	6
Davie	Total Intersections	2	Ran Red Light Before	4	Ran Red Light After	4
Kissimmee	Total Intersections	5	Ran Red Light Before	7	Ran Red Light After	8
Lakeland	Total Intersections	4	Ran Red Light Before	6	Ran Red Light After	8
Maitland	Total Intersections	2	Ran Red Light Before	6	Ran Red Light After	2
Manatee County BOCC	Total Intersections	9	Ran Red Light Before	41	Ran Red Light After	37
Medley	Total Intersections	5	Ran Red Light Before	75	Ran Red Light After	63
Miami Gardens	Total Intersections	2	Ran Red Light Before	8	Ran Red Light After	9
Miami Springs	Total Intersections	2	Ran Red Light Before	96	Ran Red Light After	75
New Port Richey	Total Intersections	2	Ran Red Light Before	3	Ran Red Light After	0
North Miami Beach	Total Intersections	3	Ran Red Light Before	1	Ran Red Light After	4
Ocoee	Total Intersections	3	Ran Red Light Before	8	Ran Red Light After	6
Orange County BOCC	Total Intersections	18	Ran Red Light Before	49	Ran Red Light After	70
Orange Park	Total Intersections	3	Ran Red Light Before	3	Ran Red Light After	3
Orlando	Total Intersections	16	Ran Red Light Before	103	Ran Red Light After	96
Osceola County BOCC	Total Intersections	4	Ran Red Light Before	15	Ran Red Light After	12
Pinecrest	Total Intersections	7	Ran Red Light Before	23	Ran Red Light After	19
Sarasota	Total Intersections	10	Ran Red Light Before	27	Ran Red Light After	53
South Miami	Total Intersections	4	Ran Red Light Before	6	Ran Red Light After	11
Sunrise	Total Intersections	4	Ran Red Light Before	6	Ran Red Light After	8
Tampa	Total Intersections	2	Ran Red Light Before	7	Ran Red Light After	3
West Miami	Total Intersections	1	Ran Red Light Before	6	Ran Red Light After	5
GRAND TOTAL	Total Intersections	128	Ran Red Light Before	590	Ran Red Light After	583

Appendix A: Rear End Crashes, Before and After Red Light Camera Implementation, by Jurisdiction

Aventura	Total Intersections	2	Rear End Crashes Before	37	Rear End Crashes After	65
Belle Isle	Total Intersections	2	Rear End Crashes Before	10	Rear End Crashes After	11
Boynton Beach	Total Intersections	6	Rear End Crashes Before	353	Rear End Crashes After	449
Clearwater	Total Intersections	2	Rear End Crashes Before	19	Rear End Crashes After	36
Coral Gables	Total Intersections	6	Rear End Crashes Before	412	Rear End Crashes After	285
Crestview	Total Intersections	2	Rear End Crashes Before	113	Rear End Crashes After	133
Davie	Total Intersections	2	Rear End Crashes Before	43	Rear End Crashes After	50
Kissimmee	Total Intersections	5	Rear End Crashes Before	133	Rear End Crashes After	168
Lakeland	Total Intersections	4	Rear End Crashes Before	44	Rear End Crashes After	78
Maitland	Total Intersections	2	Rear End Crashes Before	70	Rear End Crashes After	78
Manatee County BOCC	Total Intersections	9	Rear End Crashes Before	412	Rear End Crashes After	380
Medley	Total Intersections	5	Rear End Crashes Before	528	Rear End Crashes After	544
Miami Gardens	Total Intersections	2	Rear End Crashes Before	211	Rear End Crashes After	165
Miami Springs	Total Intersections	2	Rear End Crashes Before	872	Rear End Crashes After	701
New Port Richey	Total Intersections	2	Rear End Crashes Before	16	Rear End Crashes After	15
North Miami Beach	Total Intersections	3	Rear End Crashes Before	99	Rear End Crashes After	141
Ocoee	Total Intersections	3	Rear End Crashes Before	183	Rear End Crashes After	203
Orange County BOCC	Total Intersections	18	Rear End Crashes Before	1,134	Rear End Crashes After	1,281
Orange Park	Total Intersections	3	Rear End Crashes Before	20	Rear End Crashes After	22
Orlando	Total Intersections	16	Rear End Crashes Before	899	Rear End Crashes After	988
Osceola County BOCC	Total Intersections	4	Rear End Crashes Before	208	Rear End Crashes After	281
Pinecrest	Total Intersections	7	Rear End Crashes Before	621	Rear End Crashes After	546
Sarasota	Total Intersections	10	Rear End Crashes Before	889	Rear End Crashes After	829
South Miami	Total Intersections	4	Rear End Crashes Before	250	Rear End Crashes After	350
Sunrise	Total Intersections	4	Rear End Crashes Before	78	Rear End Crashes After	145
Tampa	Total Intersections	2	Rear End Crashes Before	28	Rear End Crashes After	27
West Miami	Total Intersections	1	Rear End Crashes Before	80	Rear End Crashes After	49
GRAND TOTAL	Total Intersections	128	Rear End Crashes Before	7,762	Rear End Crashes After	8,020

Appendix A: Angle Crashes, Before and After Red Light Camera Implementation, by Jurisdiction						
Aventura	Total intersections	2	Angle Crashes Before	11	Angle Crashes After	40
Belle Isle	Total intersections	2	Angle Crashes Before	5	Angle Crashes After	2
Boynton Beach	Total Intersections	6	Angle Crashes Before	186	Angle Crashes After	308
Clearwater	Total Intersections	2	Angle Crashes Before	7	Angle Crashes After	13
Coral Gables	Total Intersections	6	Angle Crashes Before	316	Angle Crashes After	220
Crestview	Total Intersections	2	Angle Crashes Before	45	Angle Crashes After	41
Davie	Total Intersections	2	Angle Crashes Before	25	Angle Crashes After	27
Kissimmee	Total Intersections	5	Angle Crashes Before	31	Angle Crashes After	50
Lakeland	Total Intersections	4	Angle Crashes Before	30	Angle Crashes After	50
Maitland	Total Intersections	2	Angle Crashes Before	22	Angle Crashes After	17
Manatee County BOCC	Total Intersections	9	Angle Crashes Before	185	Angle Crashes After	195
Medley	Total Intersections	5	Angle Crashes Before	213	Angle Crashes After	179
Miami Gardens	Total Intersections	2	Angle Crashes Before	158	Angle Crashes After	96
Miami Springs	Total Intersections	2	Angle Crashes Before	468	Angle Crashes After	424
New Port Richey	Total Intersections	2	Angle Crashes Before	10	Angle Crashes After	2
North Miami Beach	Total Intersections	3	Angle Crashes Before	35	Angle Crashes After	51
Ocoee	Total Intersections	3	Angle Crashes Before	51	Angle Crashes After	53
Orange County BOCC	Total Intersections	18	Angle Crashes Before	417	Angle Crashes After	500
Orange Park	Total Intersections	3	Angle Crashes Before	8	Angle Crashes After	7
Orlando	Total Intersections	16	Angle Crashes Before	399	Angle Crashes After	404
Osceola County BOCC	Total Intersections	4	Angle Crashes Before	82	Angle Crashes After	96
Pinecrest	Total Intersections	7	Angle Crashes Before	188	Angle Crashes After	136
Sarasota	Total Intersections	10	Angle Crashes Before	330	Angle Crashes After	409
South Miami	Total Intersections	4	Angle Crashes Before	81	Angle Crashes After	113
Sunrise	Total Intersections	4	Angle Crashes Before	40	Angle Crashes After	61
Tampa	Total Intersections	2	Angle Crashes Before	9	Angle Crashes After	6
West Miami	Total Intersections	1	Angle Crashes Before	45	Angle Crashes After	20
GRAND TOTAL	Total Intersections	128	Angle Crashes Before	3,397	Angle Crashes After	3,520

Appendix A: Crashes with Property Damage Only, Before and After Red Light Camera Implementation, by Jurisdiction						
Aventura	Total intersections	2	Property Damage Before	77	Property Damage After	170
Belle Isle	Total intersections	2	Property Damage Before	12	Property Damage After	21
Boynton Beach	Total Intersections	6	Property Damage Before	564	Property Damage After	890
Clearwater	Total Intersections	2	Property Damage Before	11	Property Damage After	53
Coral Gables	Total Intersections	6	Property Damage Before	746	Property Damage After	509
Crestview	Total Intersections	2	Property Damage Before	156	Property Damage After	181
Davie	Total Intersections	2	Property Damage Before	80	Property Damage After	71
Kissimmee	Total Intersections	5	Property Damage Before	201	Property Damage After	238
Lakeland	Total Intersections	4	Property Damage Before	56	Property Damage After	102
Maitland	Total Intersections	2	Property Damage Before	101	Property Damage After	94
Manatee County BOCC	Total Intersections	9	Property Damage Before	537	Property Damage After	536
Medley	Total Intersections	5	Property Damage Before	961	Property Damage After	1,013
Miami Gardens	Total Intersections	2	Property Damage Before	481	Property Damage After	439
Miami Springs	Total Intersections	2	Property Damage Before	2,154	Property Damage After	1,716
New Port Richey	Total Intersections	2	Property Damage Before	16	Property Damage After	12
North Miami Beach	Total Intersections	3	Property Damage Before	149	Property Damage After	297
Ocoee	Total Intersections	3	Property Damage Before	235	Property Damage After	252
Orange County BOCC	Total Intersections	18	Property Damage Before	1,527	Property Damage After	1,781
Orange Park	Total Intersections	3	Property Damage Before	16	Property Damage After	20
Orlando	Total Intersections	16	Property Damage Before	1,210	Property Damage After	1,416
Osceola County BOCC	Total Intersections	4	Property Damage Before	229	Property Damage After	315
Pinecrest	Total Intersections	7	Property Damage Before	876	Property Damage After	785
Sarasota	Total Intersections	10	Property Damage Before	1,231	Property Damage After	1,239
South Miami	Total Intersections	4	Property Damage Before	410	Property Damage After	563
Sunrise	Total Intersections	4	Property Damage Before	105	Property Damage After	209
Tampa	Total Intersections	2	Property Damage Before	26	Property Damage After	18
West Miami	Total Intersections	1	Property Damage Before	155	Property Damage After	81
GRAND TOTAL	Total Intersections	128	Property Damage Before	12,322	Property Damage After	13,021

Appendix A: Injury Crashes, Before and After Red Light Camera Implementation, by Jurisdiction						
Aventura	Total intersections	2	Injury Crashes Before	23	Injury Crashes After	22
Belle Isle	Total intersections	2	Injury Crashes Before	9	Injury Crashes After	4
Boynton Beach	Total Intersections	6	Injury Crashes Before	200	Injury Crashes After	166
Clearwater	Total Intersections	2	Injury Crashes Before	19	Injury Crashes After	17
Coral Gables	Total Intersections	6	Injury Crashes Before	156	Injury Crashes After	126
Crestview	Total Intersections	2	Injury Crashes Before	50	Injury Crashes After	41
Davie	Total Intersections	2	Injury Crashes Before	24	Injury Crashes After	28
Kissimmee	Total Intersections	5	Injury Crashes Before	76	Injury Crashes After	71
Lakeland	Total Intersections	4	Injury Crashes Before	36	Injury Crashes After	57
Maitland	Total Intersections	2	Injury Crashes Before	48	Injury Crashes After	35
Manatee County BOCC	Total Intersections	9	Injury Crashes Before	287	Injury Crashes After	254
Medley	Total Intersections	5	Injury Crashes Before	228	Injury Crashes After	172
Miami Gardens	Total Intersections	2	Injury Crashes Before	135	Injury Crashes After	71
Miami Springs	Total Intersections	2	Injury Crashes Before	314	Injury Crashes After	218
New Port Richey	Total Intersections	2	Injury Crashes Before	11	Injury Crashes After	8
North Miami Beach	Total Intersections	3	Injury Crashes Before	42	Injury Crashes After	64
Ocoee	Total Intersections	3	Injury Crashes Before	80	Injury Crashes After	95
Orange County BOCC	Total Intersections	18	Injury Crashes Before	527	Injury Crashes After	586
Orange Park	Total Intersections	3	Injury Crashes Before	19	Injury Crashes After	20
Orlando	Total Intersections	16	Injury Crashes Before	545	Injury Crashes After	556
Osceola County BOCC	Total Intersections	4	Injury Crashes Before	144	Injury Crashes After	178
Pinecrest	Total Intersections	7	Injury Crashes Before	196	Injury Crashes After	164
Sarasota	Total Intersections	10	Injury Crashes Before	463	Injury Crashes After	439
South Miami	Total Intersections	4	Injury Crashes Before	92	Injury Crashes After	106
Sunrise	Total Intersections	4	Injury Crashes Before	67	Injury Crashes After	78
Tampa	Total Intersections	2	Injury Crashes Before	27	Injury Crashes After	26
West Miami	Total Intersections	1	Injury Crashes Before	21	Injury Crashes After	16
GRAND TOTAL	Total Intersections	128	Injury Crashes Before	3,839	Injury Crashes After	3,618

Appendix A: Fatal Crashes, Before and After Red Light Camera Implementation, by Jurisdiction						
Aventura	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Belle Isle	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Boynton Beach	Total intersections	6	Fatal Crashes Before	2	Fatal Crashes After	5
Clearwater	Total intersections	2	Fatal Crashes Before	1	Fatal Crashes After	0
Coral Gables	Total intersections	6	Fatal Crashes Before	2	Fatal Crashes After	0
Crestview	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Davie	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Kissimmee	Total intersections	5	Fatal Crashes Before	0	Fatal Crashes After	1
Lakeland	Total intersections	4	Fatal Crashes Before	0	Fatal Crashes After	0
Maitland	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Manatee County BOCC	Total intersections	9	Fatal Crashes Before	4	Fatal Crashes After	2
Medley	Total intersections	5	Fatal Crashes Before	1	Fatal Crashes After	2
Miami Gardens	Total intersections	2	Fatal Crashes Before	2	Fatal Crashes After	0
Miami Springs	Total intersections	2	Fatal Crashes Before	3	Fatal Crashes After	1
New Port Richey	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
North Miami Beach	Total intersections	3	Fatal Crashes Before	1	Fatal Crashes After	1
Ocoee	Total intersections	3	Fatal Crashes Before	0	Fatal Crashes After	1
Orange County BOCC	Total intersections	18	Fatal Crashes Before	6	Fatal Crashes After	3
Orange Park	Total intersections	3	Fatal Crashes Before	0	Fatal Crashes After	0
Orlando	Total intersections	16	Fatal Crashes Before	5	Fatal Crashes After	2
Osceola County BOCC	Total intersections	4	Fatal Crashes Before	0	Fatal Crashes After	1
Pinecrest	Total intersections	7	Fatal Crashes Before	1	Fatal Crashes After	1
Sarasota	Total intersections	10	Fatal Crashes Before	2	Fatal Crashes After	7
South Miami	Total intersections	4	Fatal Crashes Before	1	Fatal Crashes After	3
Sunrise	Total intersections	4	Fatal Crashes Before	1	Fatal Crashes After	0
Tampa	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	1
West Miami	Total intersections	1	Fatal Crashes Before	1	Fatal Crashes After	0
GRAND TOTAL	Total Intersections	128	Fatal Crashes Before	33	Fatal Crashes After	31

Appendix B: Total Crashes Caused by Running Red Lights, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total intersections	2	Total Crashes Before	0	Total Crashes After	0
Belle Isle	Total Intersections	2	Total Crashes Before	3	Total Crashes After	2
Boynton Beach	Total intersections	6	Total Crashes Before	42	Total Crashes After	53
Clearwater	Total Intersections	2	Total Crashes Before	3	Total Crashes After	3
Coral Gables	Total Intersections	6	Total Crashes Before	30	Total Crashes After	23
Crestview	Total Intersections	2	Total Crashes Before	12	Total Crashes After	6
Davie	Total Intersections	2	Total Crashes Before	4	Total Crashes After	4
Kissimmee	Total Intersections	5	Total Crashes Before	7	Total Crashes After	8
Lakeland	Total Intersections	4	Total Crashes Before	6	Total Crashes After	8
Maitland	Total Intersections	2	Total Crashes Before	6	Total Crashes After	2
Manatee County BOCC	Total Intersections	9	Total Crashes Before	41	Total Crashes After	37
Medley	Total Intersections	5	Total Crashes Before	75	Total Crashes After	63
Miami Gardens	Total Intersections	2	Total Crashes Before	8	Total Crashes After	9
Miami Springs	Total Intersections	2	Total Crashes Before	96	Total Crashes After	75
New Port Richey	Total Intersections	2	Total Crashes Before	3	Total Crashes After	0
North Miami Beach	Total Intersections	3	Total Crashes Before	1	Total Crashes After	4
Ocoee	Total Intersections	3	Total Crashes Before	8	Total Crashes After	6
Orange County BOCC	Total Intersections	18	Total Crashes Before	49	Total Crashes After	70
Orange Park	Total Intersections	3	Total Crashes Before	3	Total Crashes After	3
Orlando	Total Intersections	16	Total Crashes Before	103	Total Crashes After	96
Osceola County BOCC	Total Intersections	4	Total Crashes Before	15	Total Crashes After	12
Pinecrest	Total Intersections	7	Total Crashes Before	23	Total Crashes After	19
Sarasota	Total Intersections	10	Total Crashes Before	27	Total Crashes After	53
South Miami	Total Intersections	4	Total Crashes Before	6	Total Crashes After	11
Sunrise	Total Intersections	4	Total Crashes Before	6	Total Crashes After	8
Tampa	Total Intersections	2	Total Crashes Before	7	Total Crashes After	3
West Miami	Total Intersections	1	Total Crashes Before	6	Total Crashes After	5
GRAND TOTAL	Total Intersections	128	Total Crashes Before	590	Total Crashes After	583

Appendix B: Non-Motorist Crashes Involving Running Red Lights, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Belle Isle	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Boynton Beach	Total Intersections	6	Non-Motorist Crashes Before	1	Non-Motorist Crashes After	0
Clearwater	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Coral Gables	Total Intersections	6	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Crestview	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Davie	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Kissimmee	Total Intersections	5	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Lakeland	Total Intersections	4	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Maitland	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Manatee County BOCC	Total Intersections	9	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Medley	Total Intersections	5	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Miami Gardens	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Miami Springs	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
New Port Richey	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
North Miami Beach	Total Intersections	3	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Ocoee	Total Intersections	3	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Orange County BOCC	Total Intersections	18	Non-Motorist Crashes Before	1	Non-Motorist Crashes After	1
Orange Park	Total Intersections	3	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Orlando	Total Intersections	16	Non-Motorist Crashes Before	1	Non-Motorist Crashes After	1
Osceola County BOCC	Total Intersections	4	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Pinecrest	Total Intersections	7	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Sarasota	Total Intersections	10	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	1
South Miami	Total Intersections	4	Non-Motorist Crashes Before	1	Non-Motorist Crashes After	2
Sunrise	Total Intersections	4	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	1
Tampa	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
West Miami	Total Intersections	1	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
GRAND TOTAL	Total Intersections	128	Non-Motorist Crashes Before	4	Non-Motorist Crashes After	6

Appendix B: Rear-End Crashes Involving Running Red Lights, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	0
Belle Isle	Total Intersections	2	Rear-End Crashes Before	1	Rear-End Crashes After	0
Boynton Beach	Total intersections	6	Rear-End Crashes Before	1	Rear-End Crashes After	2
Clearwater	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	0
Coral Gables	Total Intersections	6	Rear-End Crashes Before	0	Rear-End Crashes After	0
Crestview	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	0
Davie	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	1
Kissimmee	Total Intersections	5	Rear-End Crashes Before	0	Rear-End Crashes After	0
Lakeland	Total Intersections	4	Rear-End Crashes Before	0	Rear-End Crashes After	0
Maitland	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	0
Manatee County BOCC	Total Intersections	9	Rear-End Crashes Before	1	Rear-End Crashes After	0
Medley	Total Intersections	5	Rear-End Crashes Before	1	Rear-End Crashes After	4
Miami Gardens	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	1
Miami Springs	Total Intersections	2	Rear-End Crashes Before	4	Rear-End Crashes After	2
New Port Richey	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	0
North Miami Beach	Total Intersections	3	Rear-End Crashes Before	0	Rear-End Crashes After	0
Ocoee	Total Intersections	3	Rear-End Crashes Before	0	Rear-End Crashes After	1
Orange County BOCC	Total Intersections	18	Rear-End Crashes Before	1	Rear-End Crashes After	3
Orange Park	Total Intersections	3	Rear-End Crashes Before	0	Rear-End Crashes After	0
Orlando	Total Intersections	16	Rear-End Crashes Before	3	Rear-End Crashes After	1
Osceola County BOCC	Total Intersections	4	Rear-End Crashes Before	0	Rear-End Crashes After	0
Pinecrest	Total Intersections	7	Rear-End Crashes Before	0	Rear-End Crashes After	0
Sarasota	Total Intersections	10	Rear-End Crashes Before	0	Rear-End Crashes After	1
South Miami	Total Intersections	4	Rear-End Crashes Before	1	Rear-End Crashes After	1
Sunrise	Total Intersections	4	Rear-End Crashes Before	0	Rear-End Crashes After	0
Tampa	Total Intersections	2	Rear-End Crashes Before	0	Rear-End Crashes After	0
West Miami	Total Intersections	1	Rear-End Crashes Before	0	Rear-End Crashes After	1
GRAND TOTAL	Total Intersections	128	Rear-End Crashes Before	13	Rear-End Crashes After	18

Appendix B: Angle Crashes Involving Running Red Lights, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total intersections	2	Angle Crashes Before	0	Angle Crashes After	0
Belle Isle	Total Intersections	2	Angle Crashes Before	1	Angle Crashes After	0
Boynton Beach	Total intersections	6	Angle Crashes Before	31	Angle Crashes After	46
Clearwater	Total Intersections	2	Angle Crashes Before	2	Angle Crashes After	2
Coral Gables	Total Intersections	6	Angle Crashes Before	28	Angle Crashes After	23
Crestview	Total Intersections	2	Angle Crashes Before	9	Angle Crashes After	4
Davie	Total Intersections	2	Angle Crashes Before	2	Angle Crashes After	2
Kissimmee	Total Intersections	5	Angle Crashes Before	4	Angle Crashes After	7
Lakeland	Total Intersections	4	Angle Crashes Before	5	Angle Crashes After	8
Maitland	Total Intersections	2	Angle Crashes Before	5	Angle Crashes After	1
Manatee County BOCC	Total Intersections	9	Angle Crashes Before	29	Angle Crashes After	32
Medley	Total Intersections	5	Angle Crashes Before	60	Angle Crashes After	52
Miami Gardens	Total Intersections	2	Angle Crashes Before	6	Angle Crashes After	7
Miami Springs	Total Intersections	2	Angle Crashes Before	78	Angle Crashes After	61
New Port Richey	Total Intersections	2	Angle Crashes Before	3	Angle Crashes After	0
North Miami Beach	Total Intersections	3	Angle Crashes Before	1	Angle Crashes After	3
Ocoee	Total Intersections	3	Angle Crashes Before	5	Angle Crashes After	3
Orange County BOCC	Total Intersections	18	Angle Crashes Before	39	Angle Crashes After	55
Orange Park	Total Intersections	3	Angle Crashes Before	3	Angle Crashes After	2
Orlando	Total Intersections	16	Angle Crashes Before	77	Angle Crashes After	72
Osceola County BOCC	Total Intersections	4	Angle Crashes Before	11	Angle Crashes After	11
Pinecrest	Total Intersections	7	Angle Crashes Before	16	Angle Crashes After	15
Sarasota	Total Intersections	10	Angle Crashes Before	21	Angle Crashes After	40
South Miami	Total Intersections	4	Angle Crashes Before	4	Angle Crashes After	5
Sunrise	Total Intersections	4	Angle Crashes Before	5	Angle Crashes After	7
Tampa	Total Intersections	2	Angle Crashes Before	5	Angle Crashes After	1
West Miami	Total Intersections	1	Angle Crashes Before	5	Angle Crashes After	3
GRAND TOTAL	Total Intersections	128	Angle Crashes Before	455	Angle Crashes After	462

Appendix B: Property Damage Only Crashes Involving Running Red Lights, Before and After R L C Implementation, by Jurisdiction

Aventura	Total Intersections	2	Property Damage Crashes Before	0	Property Damage Crashes After	0
Belle Isle	Total Intersections	2	Property Damage Crashes Before	3	Property Damage Crashes After	1
Boynton Beach	Total Intersections	6	Property Damage Crashes Before	19	Property Damage Crashes After	34
Clearwater	Total Intersections	2	Property Damage Crashes Before	0	Property Damage Crashes After	0
Coral Gables	Total Intersections	6	Property Damage Crashes Before	13	Property Damage Crashes After	9
Crestview	Total Intersections	2	Property Damage Crashes Before	7	Property Damage Crashes After	0
Davie	Total Intersections	2	Property Damage Crashes Before	1	Property Damage Crashes After	2
Kissimmee	Total Intersections	5	Property Damage Crashes Before	1	Property Damage Crashes After	5
Lakeland	Total Intersections	4	Property Damage Crashes Before	2	Property Damage Crashes After	2
Maitland	Total Intersections	2	Property Damage Crashes Before	4	Property Damage Crashes After	1
Manatee County BOCC	Total Intersections	9	Property Damage Crashes Before	16	Property Damage Crashes After	13
Medley	Total Intersections	5	Property Damage Crashes Before	40	Property Damage Crashes After	36
Miami Gardens	Total Intersections	2	Property Damage Crashes Before	4	Property Damage Crashes After	7
Miami Springs	Total Intersections	2	Property Damage Crashes Before	55	Property Damage Crashes After	52
New Port Richey	Total Intersections	2	Property Damage Crashes Before	0	Property Damage Crashes After	0
North Miami Beach	Total Intersections	3	Property Damage Crashes Before	0	Property Damage Crashes After	1
Ocoee	Total Intersections	3	Property Damage Crashes Before	3	Property Damage Crashes After	4
Orange County BOCC	Total Intersections	18	Property Damage Crashes Before	24	Property Damage Crashes After	28
Orange Park	Total Intersections	3	Property Damage Crashes Before	0	Property Damage Crashes After	0
Orlando	Total Intersections	16	Property Damage Crashes Before	53	Property Damage Crashes After	50
Osceola County BOCC	Total Intersections	4	Property Damage Crashes Before	6	Property Damage Crashes After	2
Pinecrest	Total Intersections	7	Property Damage Crashes Before	14	Property Damage Crashes After	11
Sarasota	Total Intersections	10	Property Damage Crashes Before	11	Property Damage Crashes After	19
South Miami	Total Intersections	4	Property Damage Crashes Before	2	Property Damage Crashes After	7
Sunrise	Total Intersections	4	Property Damage Crashes Before	3	Property Damage Crashes After	2
Tampa	Total Intersections	2	Property Damage Crashes Before	2	Property Damage Crashes After	1
West Miami	Total Intersections	1	Property Damage Crashes Before	5	Property Damage Crashes After	1
GRAND TOTAL	Total Intersections	128	Property Damage Crashes Before	288	Property Damage Crashes After	288

Appendix B: Injury Crashes Involving Running Red Lights, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total intersections	2	Injury Crashes Before	0	Injury Crashes After	0
Belle Isle	Total Intersections	2	Injury Crashes Before	0	Injury Crashes After	1
Boynton Beach	Total intersections	6	Injury Crashes Before	22	Injury Crashes After	19
Clearwater	Total Intersections	2	Injury Crashes Before	3	Injury Crashes After	3
Coral Gables	Total Intersections	6	Injury Crashes Before	17	Injury Crashes After	14
Crestview	Total Intersections	2	Injury Crashes Before	5	Injury Crashes After	6
Davie	Total Intersections	2	Injury Crashes Before	3	Injury Crashes After	2
Kissimmee	Total Intersections	5	Injury Crashes Before	6	Injury Crashes After	3
Lakeland	Total Intersections	4	Injury Crashes Before	4	Injury Crashes After	6
Maitland	Total Intersections	2	Injury Crashes Before	2	Injury Crashes After	1
Manatee County BOCC	Total Intersections	9	Injury Crashes Before	25	Injury Crashes After	23
Medley	Total Intersections	5	Injury Crashes Before	35	Injury Crashes After	27
Miami Gardens	Total Intersections	2	Injury Crashes Before	4	Injury Crashes After	2
Miami Springs	Total Intersections	2	Injury Crashes Before	41	Injury Crashes After	23
New Port Richey	Total Intersections	2	Injury Crashes Before	3	Injury Crashes After	0
North Miami Beach	Total Intersections	3	Injury Crashes Before	1	Injury Crashes After	3
Ocoee	Total Intersections	3	Injury Crashes Before	5	Injury Crashes After	2
Orange County BOCC	Total Intersections	18	Injury Crashes Before	25	Injury Crashes After	42
Orange Park	Total Intersections	3	Injury Crashes Before	3	Injury Crashes After	3
Orlando	Total Intersections	16	Injury Crashes Before	50	Injury Crashes After	46
Osceola County BOCC	Total Intersections	4	Injury Crashes Before	9	Injury Crashes After	10
Pinecrest	Total Intersections	7	Injury Crashes Before	9	Injury Crashes After	8
Sarasota	Total Intersections	10	Injury Crashes Before	16	Injury Crashes After	33
South Miami	Total Intersections	4	Injury Crashes Before	4	Injury Crashes After	3
Sunrise	Total Intersections	4	Injury Crashes Before	3	Injury Crashes After	6
Tampa	Total Intersections	2	Injury Crashes Before	5	Injury Crashes After	2
West Miami	Total Intersections	1	Injury Crashes Before	1	Injury Crashes After	4
GRAND TOTAL	Total Intersections	128	Injury Crashes Before	301	Injury Crashes After	292

Appendix B: Fatal Crashes Involving Running Red Lights, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Belle Isle	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Boynton Beach	Total intersections	6	Fatal Crashes Before	1	Fatal Crashes After	0
Clearwater	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Coral Gables	Total Intersections	6	Fatal Crashes Before	0	Fatal Crashes After	0
Crestview	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Davie	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Kissimmee	Total Intersections	5	Fatal Crashes Before	0	Fatal Crashes After	0
Lakeland	Total Intersections	4	Fatal Crashes Before	0	Fatal Crashes After	0
Maitland	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Manatee County BOCC	Total Intersections	9	Fatal Crashes Before	0	Fatal Crashes After	1
Medley	Total Intersections	5	Fatal Crashes Before	0	Fatal Crashes After	0
Miami Gardens	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
Miami Springs	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
New Port Richey	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
North Miami Beach	Total Intersections	3	Fatal Crashes Before	0	Fatal Crashes After	0
Ocoee	Total Intersections	3	Fatal Crashes Before	0	Fatal Crashes After	0
Orange County BOCC	Total Intersections	18	Fatal Crashes Before	0	Fatal Crashes After	0
Orange Park	Total Intersections	3	Fatal Crashes Before	0	Fatal Crashes After	0
Orlando	Total Intersections	16	Fatal Crashes Before	0	Fatal Crashes After	0
Osceola County BOCC	Total Intersections	4	Fatal Crashes Before	0	Fatal Crashes After	0
Pinecrest	Total Intersections	7	Fatal Crashes Before	0	Fatal Crashes After	0
Sarasota	Total Intersections	10	Fatal Crashes Before	0	Fatal Crashes After	1
South Miami	Total Intersections	4	Fatal Crashes Before	0	Fatal Crashes After	1
Sunrise	Total Intersections	4	Fatal Crashes Before	0	Fatal Crashes After	0
Tampa	Total Intersections	2	Fatal Crashes Before	0	Fatal Crashes After	0
West Miami	Total Intersections	1	Fatal Crashes Before	0	Fatal Crashes After	0
GRAND TOTAL	Total Intersections	128	Fatal Crashes Before	1	Fatal Crashes After	3

Appendix C: Non-Motorist Crashes, Before and After R L C Implementation, by Jurisdiction						
Aventura	Total intersections	2	Non-Motorist Crashes Before	5	Non-Motorist Crashes After	3
Belle Isle	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
Boynton Beach	Total intersections	6	Non-Motorist Crashes Before	30	Non-Motorist Crashes After	21
Clearwater	Total Intersections	2	Non-Motorist Crashes Before	3	Non-Motorist Crashes After	3
Coral Gables	Total Intersections	6	Non-Motorist Crashes Before	14	Non-Motorist Crashes After	11
Crestview	Total Intersections	2	Non-Motorist Crashes Before	4	Non-Motorist Crashes After	1
Davie	Total Intersections	2	Non-Motorist Crashes Before	2	Non-Motorist Crashes After	2
Kissimmee	Total Intersections	5	Non-Motorist Crashes Before	7	Non-Motorist Crashes After	9
Lakeland	Total Intersections	4	Non-Motorist Crashes Before	3	Non-Motorist Crashes After	5
Maitland	Total Intersections	2	Non-Motorist Crashes Before	5	Non-Motorist Crashes After	4
Manatee County BOCC	Total Intersections	9	Non-Motorist Crashes Before	32	Non-Motorist Crashes After	20
Medley	Total Intersections	5	Non-Motorist Crashes Before	8	Non-Motorist Crashes After	2
Miami Gardens	Total Intersections	2	Non-Motorist Crashes Before	6	Non-Motorist Crashes After	0
Miami Springs	Total Intersections	2	Non-Motorist Crashes Before	24	Non-Motorist Crashes After	14
New Port Richey	Total Intersections	2	Non-Motorist Crashes Before	0	Non-Motorist Crashes After	0
North Miami Beach	Total Intersections	3	Non-Motorist Crashes Before	7	Non-Motorist Crashes After	8
Ocoee	Total Intersections	3	Non-Motorist Crashes Before	2	Non-Motorist Crashes After	8
Orange County BOCC	Total Intersections	18	Non-Motorist Crashes Before	46	Non-Motorist Crashes After	53
Orange Park	Total Intersections	3	Non-Motorist Crashes Before	2	Non-Motorist Crashes After	1
Orlando	Total Intersections	16	Non-Motorist Crashes Before	59	Non-Motorist Crashes After	51
Osceola County BOCC	Total Intersections	4	Non-Motorist Crashes Before	7	Non-Motorist Crashes After	9
Pinecrest	Total Intersections	7	Non-Motorist Crashes Before	12	Non-Motorist Crashes After	12
Sarasota	Total Intersections	10	Non-Motorist Crashes Before	54	Non-Motorist Crashes After	43
South Miami	Total Intersections	4	Non-Motorist Crashes Before	17	Non-Motorist Crashes After	16
Sunrise	Total Intersections	4	Non-Motorist Crashes Before	7	Non-Motorist Crashes After	6
Tampa	Total Intersections	2	Non-Motorist Crashes Before	6	Non-Motorist Crashes After	2
West Miami	Total Intersections	1	Non-Motorist Crashes Before	4	Non-Motorist Crashes After	1
GRAND TOTAL	Total Intersections	128	Non-Motorist Crashes Before	366	Non-Motorist Crashes After	305

Appendix D: Glossary of Terms

Angle Crash	A crash in which two vehicles impact at an angle. For example, the front of one vehicle impacts the side of another vehicle.
Fatal Crash	A crash in which any person involved dies within a 30-day period after the crash occurred.
Injury Crash	A crash in which any person involved complained of, or showed, any visible signs of injury.
Non-Injury Crash	A crash in which no persons involved were injured.
Non-Motorist	Any person other than an occupant of a motor vehicle in transport. This includes pedestrians, occupants of other motor vehicles not in transport, and occupants of transport vehicles other than motor vehicles.
Rear-End Crash	A crash in which the front of one vehicle impacts the back of another vehicle.

Appendix E

Red Light Camera Survey Questions for Fiscal Year 2022-2023

Welcome to Florida Department of Highway Safety and Motor Vehicle's annual survey on the use and operation of traffic infraction detectors, commonly known as red light cameras, for the 2022-2023 fiscal year.

As per Florida Statutes Section 316.0083(4)(b), the Florida Department of Highway Safety and Motor Vehicles has been directed to compile an annual comprehensive summary report on this topic. The primary objective of this survey is to collect essential information from Florida municipalities, counties, and other jurisdictions that currently employ red light cameras. Please note that your responses will not be anonymous, but the contact information you provide will not be included in the final report.

We value your input, as it will greatly contribute to the report's accuracy and completeness. The survey is expected to take approximately 15 to 20 minutes to complete, depending on the availability of the requested information. Please be advised that the deadline for submitting your responses is October 2nd, 2023.

Thank you for taking the time to participate in this survey and for helping us gather the necessary data. If you experience any issues or have questions regarding this survey, please reach out to Rhonda MacKinnon at (850) 617-2690 or at RhondaMacKinnon@flhsmv.gov.

Category: Responder Information

Question 1. Please enter your contact information: Name, Agency, Email Address, Phone Number, and Phone Extension (if applicable).

Question 2. Please select the jurisdiction (city or county) you represent.

Category: Red Light Camera Information

Question 3. Did your respective jurisdiction **operate red light cameras** within the reporting period of July 1, 2022 through June 30, 2023? Yes or No

Question 4. What department oversees the red light camera program in your jurisdiction?

Question 5. Did your jurisdiction **discontinue its red light camera program** during the reporting period, **July 1, 2022 through June 30, 2023**? Yes or No

Question 6. If yes, please enter the date that your jurisdiction discontinued its program.

Question 7. What **red light camera vendor(s)** does your jurisdiction use? Please select any you may have used during the reporting period, **July 1, 2022, through June 30, 2023**. Choices: American Traffic Solutions (ATS), Conduent, Novoa Global, Redspeed, Redflex, Sensys Gatso, Verra Mobility, Other (please specify).

Question 8. As of **July 1, 2022**, how many **red light cameras** were operational in your jurisdiction?

Question 9. As of **June 30, 2023**, how many **red light cameras** were operational in your jurisdiction?

Question 10. As of **July 1, 2022**, at how many **intersections** were red light cameras operational in your jurisdiction?

Question 11. As of **June 30, 2023**, at how many **intersections** were red light cameras operational in your jurisdiction?

Category: Red Light Camera Violations

Question 12. Please provide the following information regarding **Notices of Violation** issued for red light camera violations in your jurisdiction during the reporting period of **July 1, 2022 - June 30, 2023**.

Total Notices of Violation Issued

Notices of Violation Paid

Notices of Violation Contested, but Pending Final Outcome

Notices of Violation Contested and Dismissed

Notices of Violation Contested and Upheld

Notices of Violation that Resulted in Uniform Traffic Citations Being Issued

Notices of Violation Pending Issuance as Uniform Traffic Citations

Question 13. How many **registration holds** did your jurisdiction request as a result of red light camera violations during the reporting period of **July 1, 2022 - June 30, 2023**? If you do not know, please leave this field blank.

Question 14. How does your jurisdiction **submit traffic crash data** to the Florida Department of Highway Safety and Motor Vehicles? All Electronically, All Paper, or Both

Question 15. Have **court cases impacted** your jurisdiction's **red light camera program**? Yes or No

Question 16. If yes, please explain how court cases have impacted your jurisdiction's red light camera program.

Appendix E

Red Light Camera Survey Questions for Fiscal Year 2022-2023

Category: Program Information

Question 17. Please **rate** the following **factors by importance** when selecting which **intersections to install red light cameras** in your jurisdiction. Factors: Traffic Citation Data, Citizen Complaints, Law Enforcement Officer Observations, Traffic Volume, Pedestrian Safety, Traffic Crash Data, or Other. Ratings: Very Important, Somewhat Important, Not Important, or N/A.

Question 18. Please **describe the other factors used** when selecting which **intersections to install red light cameras** in your jurisdiction.

Question 19. Were **any existing red light cameras relocated** within your jurisdiction during the reporting period of **July 1, 2022 - June 30, 2023**? Yes or No

Question 20. If yes, how many cameras were relocated?

Question 21. Why were the cameras relocated?

Question 22. What **factors** are used to **determine the success or failure of each camera location** within your jurisdiction? Please select all that apply: Number of crashes, Pedestrian safety, Revenue, or Other (please specify)

Category: Procedures

Question 23. Who **reviews** the camera **images before Notices of Violation are issued** within your jurisdiction? Please select all that apply: Law Enforcement Officer, Non-sworn Government Employee, Non-sworn Contractor Employee (Vendor), or Other (please specify)

Question 24. Who **reviews contested Notices of Violation** within your jurisdiction? Please select all that apply: Law Enforcement Officer, Non-sworn Government Employee, Non-sworn Contractor Employee (Vendor), or Other (please specify)

Question 25. Who **issues Uniform Traffic Citations** in your jurisdiction if **Notices of Violation are unpaid and uncontested**? Please select all that apply: Law Enforcement Officer, Non-sworn Government Employee, Non-sworn Contractor Employee (Vendor), or Other (please specify)

Category: Right-Hand Turns

Question 26. Does your jurisdiction **issue Notices of Violation** (based on red light camera detection) for persons making **improper right turns on a red signal**? Yes or No

Question 27. How many **Notices of Violation** were issued within your jurisdiction **for improper right turns on a red signal** during the reporting period of **July 1, 2022 - June 30, 2023**? If you do not know, please leave this field blank.

Question 28. Section 316.0083(1)(a), Florida Statutes, provides that, "A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a **careful and prudent manner** at an intersection where right-hand turns are permissible." **Please provide the definition used by your jurisdiction when determining if a violation should be issued.**

Category: Additional Information

Question 29. What **action(s)** has your jurisdiction taken **to improve safety measures** as a result of your red light camera program? If your jurisdiction has not taken an action which is listed, please select N/A.

At intersections with red light cameras:

Education and Outreach

Engineering, Roadway/Geometric

Engineering, Signalization/Operations

Increased other type of signage

Increased red light camera-specific signage

Lighting

Re-striping

Other

At intersections without red light cameras:

Education and Outreach

Engineering, Roadway/Geometric

Engineering, Signalization/Operations

Increased other type of signage

Increased red light camera-specific signage

Lighting

Re-striping

Other

Appendix E

Red Light Camera Survey Questions for Fiscal Year 2022-2023

Question 30. Please describe any other action(s) that your jurisdiction has taken to improve safety measures as a result of your red light camera program.

Question 31. Has **red light camera footage** been used to **investigate other crimes or cases** not related to red light violations within your jurisdiction? Yes or No

Question 32. Please describe the **other situations in which red light cameras** have been used within your jurisdiction. Select all that apply. Crash investigations, Criminal investigations, Missing Persons, or Other (please specify).

Question 33. Has your jurisdiction **conducted** an independent **red light camera analysis**? Yes or No

Question 34. Please provide any **specifications or clarifications for any of your responses** to this survey.

Question 35. Is your jurisdiction **continuing its red light camera program** in this fiscal reporting year **July 1, 2023 - June 30, 2024**? Yes or No

We thank you for your time spent taking this survey.
Your response has been recorded.

Appendix F: Jurisdiction Responses to Survey

Responses for the questions below are provided for only those jurisdictions that responded to each particular question.

Question 1. Please enter your contact information: - Name, Agency, Email Address, Phone Number, Phone Extension (if applicable)

This information is available upon request.

Question 2: Please select the jurisdiction (city or county) you represent, and

Question 4: What department oversees the red light camera program in your jurisdiction?

Aventura	Community Development
Bal Harbour	Police Department
Belle Isle	Police Department
Boynton Beach	TRAFFIC UNIT
Clearwater	Support Services Division
Coral Gables	Police Department
Crestview	Police Department
Davie	Police Department
Doral	Traffic Section for the Police Department
Florida City	Florida City Police Department
Green Cove Springs	Police Department
Gulf Breeze	Police Department
Haines City	Police Department
Hillsborough County	Sheriff's Office
Key Biscayne	Police Operations - Traffic Division
Kissimmee	Kissimmee Police Department Traffic Enforcement Unit
Lakeland	Lakeland Police Department Special Operations Division
Maitland	Police Department
Manatee County	Public Safety, Code Enforcement Division
Medley	Police Department
Miami Beach	Miami Beach Police Accident Investigation Unit
Miami Gardens	Traffic Unit
Miami Springs	Police Department
New Port Richey	Police Department
North Miami Beach	Police Department
Ocoee	Police Department
Opa-locka	Traffic Unit
Orange County	Orange County Public Works - Traffic Engineering Division
Orange Park	Orange Park Police Department
Orlando	Orlando Police Department
Osceola County BOCC	Transportation & Transit
Pinecrest	Police Department
Port Richey	City of Port Richey Police Department
Sarasota	Sarasota Police Department
South Miami	Police Department
Sunrise	Traffic Unit - Intersection Safety Program
Tampa	Tampa Police Department
West Miami	Traffic Unit
West Park	Part Time Sworn Police Officer
Winter Park	Winter Park Police Department

Question 3. Has your respective jurisdiction operated red light cameras within the reporting period of July 1, 2022 through June 30, 2023?

Aventura	Yes
Bal Harbour	Yes
Belle Isle	Yes
Boynton Beach	Yes
Clearwater	Yes
Coral Gables	Yes
Crestview	Yes
Davie	Yes
Doral	Yes
Florida City	Yes
Green Cove Springs	Yes
Gulf Breeze	Yes
Haines City	Yes
Hillsborough County	Yes
Key Biscayne	Yes
Kissimmee	Yes
Lakeland	Yes
Maitland	Yes
Manatee County	Yes
Medley	Yes
Miami Beach	Yes
Miami Gardens	Yes
Miami Springs	Yes
New Port Richey	Yes
North Miami Beach	Yes
Ocoee	Yes
Opa-locka	Yes
Orange County	Yes
Orange Park	Yes
Orlando	Yes
Osceola County BOCC	Yes
Pinecrest	Yes
Port Richey	Yes
Sarasota	Yes
South Miami	Yes
Sunrise	Yes
Tampa	Yes
West Miami	Yes
West Park	Yes
Winter Park	Yes

Question 5. Did your jurisdiction discontinue its red light camera program during the reporting period, July 1, 2022 through June 30, 2023?

Aventura	No
Bal Harbour	No
Belle Isle	No
Boynton Beach	No
Clearwater	No
Coral Gables	No
Crestview	No
Davie	No
Doral	Yes
Florida City	No
Green Cove Springs	No
Gulf Breeze	No
Haines City	No
Hillsborough County	No
Key Biscayne	No
Kissimmee	No
Lakeland	No
Maitland	No
Manatee County	Yes
Medley	No
Miami Beach	No
Miami Gardens	No
Miami Springs	No
New Port Richey	No
North Miami Beach	No
Ocoee	No
Opa-locka	No
Orange County	No
Orange Park	No
Orlando	No
Osceola County BOCC	No
Pinecrest	No
Port Richey	No
Sarasota	No
South Miami	No
Sunrise	No
Tampa	No
West Miami	No
West Park	No
Winter Park	No

Question 6. Please enter the date that your jurisdiction discontinued its program.

Doral	06/30/2023
Manatee County	10/14/2022

Question 7. What red light camera vendor(s) does your jurisdiction use? Please select any you may have used during the reporting period, July 1, 2022, through June 30, 2023.

Aventura	American Traffic Solutions (ATS), now known as Verra Mobility
Bal Harbour	American Traffic Solutions (ATS)
Belle Isle	Novoa Global
Boynton Beach	American Traffic Solutions (ATS)
Clearwater	Verra Mobility
Coral Gables	Redspeed
Crestview	Novoa Global
Davie	Verra Mobility
Doral	Verra Mobility
Florida City	Verra Mobility
Green Cove Springs	American Traffic Solutions (ATS)
Gulf Breeze	Novoa Global
Haines City	Verra Mobility
Hillsborough County	American Traffic Solutions (ATS)
Key Biscayne	Verra Mobility
Kissimmee	Redflex
Lakeland	Verra Mobility
Maitland	Sensys Gatso
Manatee County	Conduent
Medley	Verra Mobility
Miami Beach	Conduent
Miami Gardens	Verra Mobility
Miami Springs	Verra Mobility
New Port Richey	Verra Mobility
North Miami Beach	Verra Mobility
Ocoee	Verra Mobility
Opa-locka	American Traffic Solutions (ATS), Verra Mobility
Orange County	Verra Mobility
Orange Park	Verra Mobility
Orlando	Verra Mobility
Osceola County BOCC	American Traffic Solutions (ATS)
Pinecrest	Redflex, Verra Mobility
Port Richey	American Traffic Solutions (ATS)
Sarasota	Redspeed
South Miami	Verra Mobility
Sunrise	American Traffic Solutions (ATS), now known as Verra Mobility
Tampa	Verra Mobility
West Miami	American Traffic Solutions (ATS)
West Park	Verra Mobility
Winter Park	Novoa Global, Sensys Gatso

Question 8: As of July 1, 2022, how many red light cameras were operational in your jurisdiction?

Aventura	15
Bal Harbour	5
Belle Isle	4
Boynton Beach	15
Clearwater	3
Coral Gables	10
Crestview	4
Davie	5
Doral	9
Florida City	14
Green Cove Springs	5
Gulf Breeze	6
Haines City	12
Hillsborough County	9
Key Biscayne	4
Kissimmee	19
Lakeland	18
Maitland	4
Manatee County	18
Medley	9
Miami Beach	9
Miami Gardens	24
Miami Springs	5
New Port Richey	5
North Miami Beach	4
Ocoee	13
Opa-locka	8
Orange County	57
Orange Park	8
Orlando	41
Osceola County BOCC	13
Pinecrest	8
Port Richey	5
Sarasota	20
South Miami	4
Sunrise	18
Tampa	48
West Miami	6
West Park	5
Winter Park	6

Question 9: As of June 30, 2023, how many red light cameras were operational in your jurisdiction?

Aventura	15
Bal Harbour	7
Belle Isle	7
Boynton Beach	15
Clearwater	3
Coral Gables	10
Crestview	4
Davie	7
Doral	9
Florida City	14
Green Cove Springs	5
Gulf Breeze	6
Haines City	12
Hillsborough County	9
Key Biscayne	4
Kissimmee	19
Lakeland	18
Maitland	4
Manatee County	0
Medley	6
Miami Beach	9
Miami Gardens	17
Miami Springs	5
New Port Richey	5
North Miami Beach	4
Ocoee	14
Opa-locka	8
Orange County	57
Orange Park	8
Orlando	41
Osceola County BOCC	13
Pinecrest	8
Port Richey	5
Sarasota	20
South Miami	4
Sunrise	18
Tampa	49
West Miami	6
West Park	5
Winter Park	6

Question 10: As of July 1, 2022, at how many intersections were red light cameras operational in your jurisdiction?

Aventura	7
Bal Harbour	5
Belle Isle	3
Boynton Beach	7
Clearwater	2
Coral Gables	6
Crestview	2
Davie	5
Doral	3
Florida City	6
Green Cove Springs	3
Gulf Breeze	3
Haines City	12
Hillsborough County	6
Key Biscayne	3
Kissimmee	10
Lakeland	11
Maitland	3
Manatee County	9
Medley	7
Miami Beach	9
Miami Gardens	15
Miami Springs	4
New Port Richey	4
North Miami Beach	4
Ocoee	6
Opa-locka	4
Orange County	35
Orange Park	3
Orlando	23
Osceola County BOCC	9
Pinecrest	8
Port Richey	2
Sarasota	10
South Miami	4
Sunrise	10
Tampa	22
West Miami	6
West Park	5
Winter Park	5

Question 11: As of June 30, 2023, at how many intersections were red light cameras operational in your jurisdiction?

Aventura	7
Bal Harbour	7
Belle Isle	6
Boynton Beach	7
Clearwater	2
Coral Gables	6
Crestview	2
Davie	5
Doral	3
Florida City	6
Green Cove Springs	3
Gulf Breeze	3
Haines City	12
Hillsborough County	6
Key Biscayne	3
Kissimmee	10
Lakeland	11
Maitland	3
Manatee County	0
Medley	6
Miami Beach	9
Miami Gardens	15
Miami Springs	4
New Port Richey	4
North Miami Beach	4
Ocoee	6
Opa-locka	4
Orange County	35
Orange Park	3
Orlando	24
Osceola County BOCC	9
Pinecrest	8
Port Richey	2
Sarasota	10
South Miami	4
Sunrise	10
Tampa	22
West Miami	6
West Park	5
Winter Park	5

Question 12: Please provide the following information regarding Notices of Violation issued for red light camera violations in your jurisdiction during the reporting period of July 1, 2022, through June 30, 2023.

Total number of Notices of Violation, also called N O V's:

Aventura	59,546
Bal Harbour	15,297
Belle Isle	12,462
Boynton Beach	37,362
Clearwater	10,844
Coral Gables	9,688
Crestview	3,497
Davie	15,851
Doral	15,186
Florida City	14,352
Green Cove Springs	10,916
Gulf Breeze	8,715
Haines City	21,649
Hillsborough County	43,320
Key Biscayne	2,092
Kissimmee	25,245
Lakeland	25,756
Maitland	4,609
Manatee County	4,676
Medley	23,380
Miami Beach	5,894
Miami Gardens	66,309
Miami Springs	22,534
New Port Richey	13523
North Miami Beach	19,371
Ocoee	23,541
Opa-locka	33,741
Orange County	80,806
Orange Park	17,477
Orlando	65,222
Osceola County BOCC	10,073
Pinecrest	14,430
Port Richey	14,601
Sarasota	27,639
South Miami	7,351
Sunrise	29,881
Tampa	98,152
West Miami	34,452
West Park	8,214
Winter Park	18,824
Grand Total N O V's Issued	976,478

Number of N O V's Paid:

Aventura	34,990
Bal Harbour	8,777
Belle Isle	8,666
Boynton Beach	24,022
Clearwater	7,356

Coral Gables	7,325
Crestview	2,722
Davie	8,783
Doral	9,867
Florida City	6,435
Green Cove Springs	7,581
Gulf Breeze	6,665
Haines City	14,352
Hillsborough County	27,302
Key Biscayne	1,483
Kissimmee	15,421
Lakeland	17,259
Maitland	3,356
Manatee County	2,311
Medley	17,108
Miami Beach	3,072
Miami Gardens	31,517
Miami Springs	13,233
New Port Richey	9115
North Miami Beach	10,507
Ocoee	14,357
Opa-locka	15,595
Orange County	51,223
Orange Park	11,492
Orlando	45,080
Osceola County BOCC	6,154
Pinecrest	9,662
Port Richey	9,774
Sarasota	21,656
South Miami	4,697
Sunrise	15,762
Tampa	60,341
West Miami	13,987
West Park	3,500
Winter Park	14,013
Grand Total N O V's Paid	596,518
Number of N O V's Contested and Pending:	
Aventura	55
Bal Harbour	15
Belle Isle	3
Boynton Beach	41
Clearwater	104
Coral Gables	9
Crestview	0
Davie	27
Doral	0
Florida City	155
Green Cove Springs	9
Gulf Breeze	1
Haines City	8
Hillsborough County	4,409
Key Biscayne	1
Kissimmee	113

Lakeland	59
Maitland	0
Manatee County	0
Medley	14
Miami Beach	21
Miami Gardens	71
Miami Springs	15
New Port Richey	10
North Miami Beach	13
Ocoee	19
Opa-locka	48
Orange County	0
Orange Park	9
Orlando	0
Osceola County BOCC	2
Pinecrest	37
Port Richey	field left blank
Sarasota	163
South Miami	4
Sunrise	35
Tampa	63
West Miami	28
West Park	11
Winter Park	0
Grand Total N O V's Contested and Pending:	5,572
Number of N O V's Contested and Dismissed:	
Aventura	92
Bal Harbour	18
Belle Isle	0
Boynton Beach	12
Clearwater	12
Coral Gables	12
Crestview	0
Davie	15
Doral	68
Florida City	26
Green Cove Springs	8
Gulf Breeze	0
Haines City	10
Hillsborough County	25
Key Biscayne	0
Kissimmee	47
Lakeland	5
Maitland	0
Manatee County	0
Medley	17
Miami Beach	3
Miami Gardens	279
Miami Springs	14
New Port Richey	5
North Miami Beach	23
Ocoee	5
Opa-locka	35

Orange County	32
Orange Park	5
Orlando	3
Osceola County BOCC	4
Pinecrest	5
Port Richey	14
Sarasota	4
South Miami	8
Sunrise	28
Tampa	123
West Miami	157
West Park	5
Winter Park	3
Grand Total N O V's Contested and Dismissed:	1,122
Number of N O V's Contested and Upheld:	
Aventura	363
Bal Harbour	57
Belle Isle	9
Boynton Beach	190
Clearwater	76
Coral Gables	25
Crestview	2
Davie	39
Doral	16
Florida City	26
Green Cove Springs	23
Gulf Breeze	5
Haines City	71
Hillsborough County	123
Key Biscayne	0
Kissimmee	45
Lakeland	665
Maitland	15
Manatee County	0
Medley	41
Miami Beach	5
Miami Gardens	413
Miami Springs	60
New Port Richey	79
North Miami Beach	94
Ocoee	74
Opa-locka	182
Orange County	199
Orange Park	58
Orlando	50
Osceola County BOCC	15
Pinecrest	32
Port Richey	76
Sarasota	104
South Miami	35
Sunrise	104
Tampa	371
West Miami	45

West Park	38
Winter Park	21
Grand Total N O V's Contested and Upheld:	3,846
Number of N O V's Issued as Uniform Traffic Citations, also called U T C's:	
Aventura	19,706
Bal Harbour	5,167
Belle Isle	3,471
Boynton Beach	10,992
Clearwater	2,030
Coral Gables	2,852
Crestview	751
Davie	5,167
Doral	3,562
Florida City	1,782
Green Cove Springs	2,035
Gulf Breeze	1,974
Haines City	5,855
Hillsborough County	0
Key Biscayne	348
Kissimmee	6,974
Lakeland	7,744
Maitland	1,082
Manatee County	179
Medley	4,150
Miami Beach	1,441
Miami Gardens	15,698
Miami Springs	7,849
New Port Richey	2714
North Miami Beach	7,984
Ocoee	6,262
Opa-locka	14,274
Orange County	25,772
Orange Park	4,278
Orlando	20,583
Osceola County BOCC	2,772
Pinecrest	2,525
Port Richey	4,116
Sarasota	6,701
South Miami	2,225
Sunrise	8,714
Tampa	23,313
West Miami	7,965
West Park	4,043
Winter Park	5,310
Grand Total N O V's Issued as U T C's:	260,360
Number of N O V's Pending Issuance as U T C's:	
Aventura	field left blank
Bal Harbour	field left blank
Belle Isle	19
Boynton Beach	0
Clearwater	613
Coral Gables	0
Crestview	6

Davie	765
Doral	0
Florida City	0
Green Cove Springs	34
Gulf Breeze	24
Haines City	11
Hillsborough County	0
Key Biscayne	0
Kissimmee	3
Lakeland	0
Maitland	63
Manatee County	0
Medley	0
Miami Beach	37
Miami Gardens	field left blank
Miami Springs	0
New Port Richey	field left blank
North Miami Beach	19
Ocoee	499
Opa-locka	field left blank
Orange County	5060
Orange Park	0
Orlando	321
Osceola County BOCC	0
Pinecrest	1,584
Port Richey	field left blank
Sarasota	0
South Miami	50
Sunrise	0
Tampa	field left blank
West Miami	field left blank
West Park	0
Winter Park	462
Grand Total N O V's Pending Issuance as U T C's:	9,570

Question 13: How many registration holds did your jurisdiction request as a result of red light camera violations during the reporting period of July 1, 2022, through June 30, 2023? If you do not know, please leave this field blank.

Aventura	field left blank
Bal Harbour	0
Belle Isle	field left blank
Boynton Beach	field left blank
Clearwater	2
Coral Gables	field left blank
Crestview	2
Davie	0
Doral	0
Florida City	0
Green Cove Springs	0
Gulf Breeze	1
Haines City	20
Hillsborough County	0
Key Biscayne	0
Kissimmee	1
Lakeland	151
Maitland	0
Manatee County	0
Medley	0
Miami Beach	1
Miami Gardens	0
Miami Springs	15
New Port Richey	0
North Miami Beach	0
Ocoee	11
Opa-locka	field left blank
Orange County	66
Orange Park	field left blank
Orlando	0
Osceola County BOCC	0
Pinecrest	4
Port Richey	0
Sarasota	0
South Miami	0
Sunrise	0
Tampa	191
West Miami	18
West Park	0
Winter Park	46

Question 14: How does your jurisdiction submit traffic crash data to the Florida Department of Highway Safety and Motor Vehicles? All Electronically, All Paper, or Both?

Aventura	All Electronically
Bal Harbour	Both
Belle Isle	All Electronically
Boynton Beach	All Electronically
Clearwater	All Electronically
Coral Gables	All Electronically
Crestview	All Electronically
Davie	All Electronically
Doral	All Electronically
Florida City	Both
Green Cove Springs	All Paper
Gulf Breeze	All Electronically
Haines City	All Electronically
Hillsborough County	All Electronically
Key Biscayne	All Electronically
Kissimmee	All Electronically
Lakeland	All Electronically
Maitland	All Electronically
Manatee County	Both
Medley	All Electronically
Miami Beach	All Electronically
Miami Gardens	All Electronically
Miami Springs	All Electronically
New Port Richey	All Electronically
North Miami Beach	All Electronically
Ocoee	All Electronically
Opa-locka	All Electronically
Orange County	All Electronically
Orange Park	Both
Orlando	All Electronically
Osceola County BOCC	Both
Pinecrest	All Electronically
Port Richey	All Electronically
Sarasota	All Electronically
South Miami	All Electronically
Sunrise	All Electronically
Tampa	All Electronically
West Miami	All Electronically
West Park	All Electronically
Winter Park	All Electronically

Question 15: Have court cases impacted your jurisdiction's red light camera program?

Aventura	Yes
Bal Harbour	Yes
Belle Isle	No
Boynton Beach	No
Clearwater	No
Coral Gables	No
Crestview	No
Davie	No
Doral	No
Florida City	Yes
Green Cove Springs	No
Gulf Breeze	No
Haines City	No
Hillsborough County	No
Key Biscayne	No
Kissimmee	No
Lakeland	No
Maitland	Yes
Manatee County	No
Medley	No
Miami Beach	No
Miami Gardens	Yes
Miami Springs	No
New Port Richey	No
North Miami Beach	No
Ocoee	No
Opa-locka	Yes
Orange County	No
Orange Park	No
Orlando	No
Osceola County BOCC	No
Pinecrest	No
Port Richey	No
Sarasota	No
South Miami	No
Sunrise	No
Tampa	No
West Miami	No
West Park	No
Winter Park	No

Question 16: Please explain how court cases have impacted your jurisdiction's red light camera program.

Aventura	Jimenez v Aventura - Upheld by Florida Supreme Court Aventura v Stein - further affirmed the validity of the program
Florida City	Yes, they have helped bring in more revenue.
Maitland	Court decisions directly affect the policies and procedures of our program.
Miami Gardens	We have experienced higher level of hearings due to inaccurate reporting of information by the media; stating that the cameras were taken down and ruled by the courts to be illegal.
Opa-locka	Miami Dade Courts are dismissing too many violations or changing violation prices.

Question 17: Please rate the following factors by importance when selecting which intersections to install red light cameras in your jurisdiction.

Traffic Citation Data:

Aventura	field left blank
Bal Harbour	Very Important
Belle Isle	Very Important
Boynton Beach	Somewhat Important
Clearwater	Somewhat Important
Coral Gables	Very Important
Crestview	Somewhat Important
Davie	Very Important
Doral	Very Important
Florida City	Very Important
Green Cove Springs	Somewhat Important
Gulf Breeze	Very Important
Haines City	Somewhat Important
Hillsborough County	Very Important
Key Biscayne	Somewhat Important
Kissimmee	Very Important
Lakeland	Very Important
Maitland	Very Important
Manatee County	field left blank
Medley	Very Important
Miami Beach	Very Important
Miami Gardens	Somewhat Important
Miami Springs	Very Important
New Port Richey	Somewhat Important
North Miami Beach	Very Important
Ocoee	Very Important
Opa-locka	Not Important
Orange County	field left blank
Orange Park	Very Important
Orlando	Somewhat Important
Osceola County BOCC	Not Important
Pinecrest	Very Important
Port Richey	Very Important
Sarasota	Somewhat Important
South Miami	Somewhat Important
Sunrise	Very Important
Tampa	Not Important
West Miami	Very Important
West Park	Very Important
Winter Park	Very Important

Citizen Complaints:

Aventura	Very Important
Bal Harbour	Very Important

Belle Isle	Very Important
Boynton Beach	Somewhat Important
Clearwater	Very Important
Coral Gables	Very Important
Crestview	Very Important
Davie	Very Important
Doral	Very Important
Florida City	Very Important
Green Cove Springs	Very Important
Gulf Breeze	Very Important
Haines City	Very Important
Hillsborough County	Very Important
Key Biscayne	Somewhat Important
Kissimmee	Somewhat Important
Lakeland	Very Important
Maitland	Somewhat Important
Manatee County	Somewhat Important
Medley	Very Important
Miami Beach	Very Important
Miami Gardens	Somewhat Important
Miami Springs	Somewhat Important
New Port Richey	Very Important
North Miami Beach	Very Important
Ocoee	Very Important
Opa-locka	Very Important
Orange County	Somewhat Important
Orange Park	Somewhat Important
Orlando	Very Important
Osceola County BOCC	Somewhat Important
Pinecrest	Very Important
Port Richey	Somewhat Important
Sarasota	Not Important
South Miami	Somewhat Important
Sunrise	Very Important
Tampa	Not Important
West Miami	Very Important
West Park	Very Important
Winter Park	Somewhat Important
Law Enforcement Officer Observations:	
Aventura	field left blank
Bal Harbour	Very Important
Belle Isle	Very Important
Boynton Beach	Very Important
Clearwater	Very Important
Coral Gables	Very Important
Crestview	Very Important
Davie	Somewhat Important

Doral	Somewhat Important
Florida City	Very Important
Green Cove Springs	Very Important
Gulf Breeze	Very Important
Haines City	Somewhat Important
Hillsborough County	Very Important
Key Biscayne	Very Important
Kissimmee	Somewhat Important
Lakeland	Not Important
Maitland	Somewhat Important
Manatee County	Very Important
Medley	Very Important
Miami Beach	Very Important
Miami Gardens	Very Important
Miami Springs	Somewhat Important
New Port Richey	Very Important
North Miami Beach	Very Important
Ocoee	Very Important
Opa-locka	Very Important
Orange County	Somewhat Important
Orange Park	Very Important
Orlando	Very Important
Osceola County BOCC	Somewhat Important
Pinecrest	Very Important
Port Richey	Somewhat Important
Sarasota	Not Important
South Miami	Somewhat Important
Sunrise	Very Important
Tampa	Not Important
West Miami	Very Important
West Park	Very Important
Winter Park	Very Important
Traffic Volume:	
Aventura	Very Important
Bal Harbour	Very Important
Belle Isle	Very Important
Boynton Beach	Somewhat Important
Clearwater	Very Important
Coral Gables	Very Important
Crestview	Very Important
Davie	Very Important
Doral	Very Important
Florida City	Very Important
Green Cove Springs	Very Important
Gulf Breeze	Very Important
Haines City	Very Important
Hillsborough County	Very Important

Key Biscayne	Very Important
Kissimmee	Very Important
Lakeland	Not Important
Maitland	Very Important
Manatee County	Somewhat Important
Medley	Very Important
Miami Beach	Very Important
Miami Gardens	Very Important
Miami Springs	Not Important
New Port Richey	Very Important
North Miami Beach	Very Important
Ocoee	Somewhat Important
Opa-locka	Somewhat Important
Orange County	Very Important
Orange Park	Very Important
Orlando	Not Important
Osceola County BOCC	Somewhat Important
Pinecrest	Very Important
Port Richey	Very Important
Sarasota	Not Important
South Miami	Very Important
Sunrise	Very Important
Tampa	Not Important
West Miami	Very Important
West Park	Very Important
Winter Park	Very Important
Pedestrian Safety:	
Aventura	Very Important
Bal Harbour	Very Important
Belle Isle	Very Important
Boynton Beach	Very Important
Clearwater	Very Important
Coral Gables	Very Important
Crestview	Very Important
Davie	Very Important
Doral	Very Important
Florida City	Very Important
Green Cove Springs	Very Important
Gulf Breeze	Very Important
Haines City	Very Important
Hillsborough County	Very Important
Key Biscayne	Very Important
Kissimmee	Very Important
Lakeland	Very Important
Maitland	Very Important
Manatee County	Very Important
Medley	Very Important

Miami Beach	Very Important
Miami Gardens	Very Important
Miami Springs	Very Important
New Port Richey	Very Important
North Miami Beach	Very Important
Ocoee	Very Important
Opa-locka	Very Important
Orange County	Very Important
Orange Park	Very Important
Orlando	Very Important
Osceola County BOCC	Somewhat Important
Pinecrest	Very Important
Port Richey	Very Important
Sarasota	Very Important
South Miami	Very Important
Sunrise	Very Important
Tampa	Very Important
West Miami	Very Important
West Park	Very Important
Winter Park	Very Important

Traffic Crash Data:

Aventura	Very Important
Bal Harbour	Very Important
Belle Isle	Very Important
Boynton Beach	Very Important
Clearwater	Very Important
Coral Gables	Very Important
Crestview	Very Important
Davie	Very Important
Doral	Very Important
Florida City	Very Important
Green Cove Springs	Very Important
Gulf Breeze	Very Important
Haines City	Very Important
Hillsborough County	Very Important
Key Biscayne	Very Important
Kissimmee	Very Important
Lakeland	Very Important
Maitland	Very Important
Manatee County	Very Important
Medley	Very Important
Miami Beach	Very Important
Miami Gardens	Very Important
Miami Springs	Very Important
New Port Richey	Very Important
North Miami Beach	Very Important
Ocoee	Very Important

Opa-locka	Very Important
Orange County	Very Important
Orange Park	Very Important
Orlando	Very Important
Osceola County BOCC	Very Important
Pinecrest	Very Important
Port Richey	Very Important
Sarasota	Very Important
South Miami	Very Important
Sunrise	Very Important
Tampa	Very Important
West Miami	Very Important
West Park	Very Important
Winter Park	Very Important

Other:

Bal Harbour	Very Important
Crestview	Very Important
Florida City	Very Important
Gulf Breeze	Somewhat Important
Haines City	Somewhat Important
Kissimmee	Very Important
Miami Beach	Very Important
Miami Gardens	Very Important
New Port Richey	Very Important
North Miami Beach	Very Important
Port Richey	Very Important
South Miami	Very Important
Sunrise	Very Important

Question 18: Please describe the other factors used when selecting which intersections to install red light cameras in your jurisdiction.

Bal Harbour	No explanation provided
Crestview	No explanation provided
Florida City	No explanation provided
Gulf Breeze	No explanation provided
Haines City	No explanation provided
Kissimmee	No explanation provided
Miami Beach	No explanation provided
Miami Gardens	No explanation provided
New Port Richey	No explanation provided
North Miami Beach	No explanation provided
Port Richey	No explanation provided
South Miami	No explanation provided
Sunrise	No explanation provided

Question 19: Were any existing red light cameras relocated within your jurisdiction during the reporting period of July 1, 2022, through June 30, 2023?

Aventura	No
Bal Harbour	No
Belle Isle	No
Boynton Beach	No
Clearwater	No
Coral Gables	No
Crestview	No
Davie	No
Doral	No
Florida City	Yes
Green Cove Springs	No
Gulf Breeze	No
Haines City	No
Hillsborough County	No
Key Biscayne	No
Kissimmee	No
Lakeland	No
Maitland	No
Manatee County	No
Medley	No
Miami Beach	No
Miami Gardens	No
Miami Springs	No
New Port Richey	No
North Miami Beach	No
Ocoee	No
Opa-locka	No
Orange County	No
Orange Park	No
Orlando	No
Osceola County BOCC	No
Pinecrest	No
Port Richey	No
Sarasota	No
South Miami	No
Sunrise	No
Tampa	No
West Miami	No
West Park	No
Winter Park	No

Question 20: How many cameras were relocated?

Florida City	1
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Question 21: Why were the cameras relocated?

Florida City	Road Construction
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Question 22: What factors are used to determine the success or failure of each camera location within your jurisdiction? Please select all that apply.

Aventura	Number of crashes			
Bal Harbour	Number of crashes	Pedestrian safety		
Belle Isle	Number of crashes	Pedestrian safety		
Boynton Beach	Number of crashes	Pedestrian safety		
Clearwater	Number of crashes	Pedestrian safety		
Coral Gables	Number of crashes	Pedestrian safety		
Crestview	Number of crashes	Pedestrian safety		
Davie	Number of crashes	Pedestrian safety	Revenue	Other: We base our success on seeing a decrease in the number of crashes and a decrease in revenue from RLC violations as an indication that drivers are complying and running fewer red lights.
Doral	Number of crashes	Pedestrian safety		
Florida City	Number of crashes	Pedestrian safety	Revenue	
Green Cove Springs	Number of crashes			
Gulf Breeze	Number of crashes	Pedestrian safety		
Haines City	Number of crashes	Pedestrian safety		
Hillsborough County	Number of crashes	Pedestrian safety		
Key Biscayne	Number of crashes	Pedestrian safety		
Kissimmee	Number of crashes	Pedestrian safety		
Lakeland	Number of crashes	Pedestrian safety		
Maitland	Number of crashes	Pedestrian safety		
Manatee County	Number of crashes	Pedestrian safety		
Medley	Number of crashes	Pedestrian safety		
Miami Beach	Number of crashes	Pedestrian safety		
Miami Gardens	Number of crashes	Pedestrian safety		
Miami Springs	Number of crashes	Pedestrian safety	Revenue	Other: Increase or decrease in the number of violations issued over a specific period of time
New Port Richey	Number of crashes	Pedestrian safety		
North Miami Beach	Number of crashes	Pedestrian safety		
Ocoee	Number of crashes	Pedestrian safety		
Opa-locka	Number of crashes	Pedestrian safety	Revenue	Other: Reduction of Crashes and Violations
Orange County	Number of crashes	Pedestrian safety	Revenue	
Orange Park	Number of crashes	Pedestrian safety		
Orlando	Number of crashes	Pedestrian safety	Revenue	Other: Relative reduction in the number of angle crashes at the intersection; despite the severe increase in vehicle speed and traffic counts.
Osceola County BOCC	Number of crashes	Pedestrian safety		
Pinecrest	Number of crashes	Pedestrian safety		
Port Richey	Number of crashes	Pedestrian safety	Revenue	
Sarasota	Number of crashes	Pedestrian safety		
South Miami		Pedestrian safety		
Sunrise	Number of crashes	Pedestrian safety		
Tampa	Number of crashes	Pedestrian safety		
West Miami	Number of crashes	Pedestrian safety		
West Park	Number of crashes	Pedestrian safety		
Winter Park	Number of crashes	Pedestrian safety		

Question 23: Who reviews the camera images before Notices of Violation are issued within your jurisdiction? Please select all that apply.

Aventura	Law Enforcement Officer		
Bal Harbour	Law Enforcement Officer		
Belle Isle	Law Enforcement Officer	Non-sworn Government Employee	
Boynton Beach	Law Enforcement Officer	Non-sworn Government Employee	
Clearwater	Other: Retired Police Sergeant		
Coral Gables	Non-sworn Government Employee		
Crestview	Law Enforcement Officer	Other: Non-sworn Community Service Aide	
Davie	Law Enforcement Officer	Non-sworn Government Employee	Other: Former Law Enforcement Officer with over 30 years experience. He is assisted occasionally by Sworn Officers if the need arises.
Doral	Law Enforcement Officer		
Florida City	Law Enforcement Officer		
Green Cove Springs	Law Enforcement Officer		
Gulf Breeze	Law Enforcement Officer	Non-sworn Government Employee	
Haines City	Law Enforcement Officer		
Hillsborough County	Law Enforcement Officer		
Key Biscayne	Law Enforcement Officer		
Kissimmee	Law Enforcement Officer		
Lakeland	Law Enforcement Officer		
Maitland	Law Enforcement Officer	Non-sworn Government Employee	Non-sworn Contractor Employee or Vendor
Manatee County	Law Enforcement Officer		
Medley	Law Enforcement Officer	Non-sworn Government Employee	
Miami Beach	Non-sworn Government Employee		
Miami Gardens	Law Enforcement Officer	Non-sworn Government Employee	
Miami Springs	Law Enforcement Officer	Non-sworn Government Employee	
New Port Richey	Non-sworn Government Employee		
North Miami Beach	Law Enforcement Officer	Non-sworn Government Employee	
Ocoee	Law Enforcement Officer	Non-sworn Government Employee	
Opa-locka	Law Enforcement Officer	Non-sworn Government Employee	
Orange County	Law Enforcement Officer	Non-sworn Government Employee	
Orange Park	Law Enforcement Officer		
Orlando	Non-sworn Government Employee	Other: State of Florida Certified Traffic Infraction Enforcement Officers with previous sworn Law Enforcement experience.	
Osceola County BOCC	Law Enforcement Officer		
Pinecrest	Law Enforcement Officer		
Port Richey	Law Enforcement Officer	Non-sworn Government Employee	
Sarasota	Law Enforcement Officer		
South Miami	Law Enforcement Officer		
Sunrise	Law Enforcement Officer	Non-sworn Government Employee	
Tampa	Law Enforcement Officer		
West Miami	Law Enforcement Officer		
West Park	Law Enforcement Officer		
Winter Park	Law Enforcement Officer	Non-sworn Government Employee	

Question 24: Who reviews contested Notices of Violation within your jurisdiction? Please select all that apply.				
Aventura	Law Enforcement Officer			
Bal Harbour	Law Enforcement Officer			
Belle Isle	Law Enforcement Officer	Non-sworn Government Employee		
Boynton Beach	Law Enforcement Officer	Non-sworn Government Employee		
Clearwater	Other: Retired Police Sergeant			
Coral Gables	Non-sworn Government Employee	Non-sworn Government Employee		
Crestview	Law Enforcement Officer	Other: Non-sworn Community Service Aide		
Davie	Non-sworn Government Employee	Other: Former Law Enforcement Officer with over 30 years experience. He is assisted occasionally by Sworn Officers if the need arises.		
Doral	Law Enforcement Officer			
Florida City	Law Enforcement Officer			
Green Cove Springs	Law Enforcement Officer			
Gulf Breeze	Law Enforcement Officer			
Haines City	Law Enforcement Officer			
Hillsborough County	Law Enforcement Officer			
Key Biscayne	Law Enforcement Officer			
Kissimmee	Law Enforcement Officer			
Lakeland	Law Enforcement Officer			
Maitland	Law Enforcement Officer	Non-sworn Government Employee	Non-sworn Contractor Employee or Vendor	Other: Legal Advisor
Manatee County	Law Enforcement Officer			
Medley	Law Enforcement Officer			
Miami Beach	Law Enforcement Officer			
Miami Gardens	Law Enforcement Officer			
Miami Springs	Law Enforcement Officer			
New Port Richey	Non-sworn Government Employee			
North Miami Beach	Law Enforcement Officer	Non-sworn Government Employee		
Ocoee	Law Enforcement Officer	Non-sworn Government Employee		
Opa-locka	Law Enforcement Officer	Non-sworn Government Employee		
Orange County	Non-sworn Government Employee			
Orange Park	Law Enforcement Officer			
Orlando	Other: A contested Notice of Violation is reviewed by the issuing Traffic Infraction Enforcement Officer. When a request for a hearing is filed, the Local Administrative Hearing is decided by an Administrative Hearing Officer.			
Osceola County BOCC	Law Enforcement Officer			
Pinecrest	Law Enforcement Officer			
Port Richey	Law Enforcement Officer	Non-sworn Government Employee		
Sarasota	Law Enforcement Officer			
South Miami	Law Enforcement Officer			
Sunrise	Law Enforcement Officer	Non-sworn Government Employee		
Tampa	Law Enforcement Officer			
West Miami	Law Enforcement Officer			
West Park	Law Enforcement Officer			
Winter Park	Law Enforcement Officer	Non-sworn Government Employee		

Question 25: Who issues Uniform Traffic Citations in your jurisdiction if Notices of Violation are unpaid and uncontested? Please select all that apply.

Aventura	Law Enforcement Officer	
Bal Harbour	Law Enforcement Officer	
Belle Isle	Law Enforcement Officer	Non-sworn Government Employee
Boynton Beach	Law Enforcement Officer	Non-sworn Government Employee
Clearwater	Other: Retired Police Sergeant	
Coral Gables	Non-sworn Government Employee	
Crestview	Law Enforcement Officer	Other: Non-sworn Community Service Aide
Davie	Non-sworn Government Employee	Other: Former Law Enforcement Officer with over 30 years experience.
Doral	Law Enforcement Officer	
Florida City	Law Enforcement Officer	
Green Cove Springs	Law Enforcement Officer	
Gulf Breeze	Law Enforcement Officer	
Haines City	Law Enforcement Officer	
Hillsborough County	Law Enforcement Officer	
Key Biscayne	Law Enforcement Officer	
Kissimmee	Law Enforcement Officer	
Lakeland	Law Enforcement Officer	
Maitland	Law Enforcement Officer	Non-sworn Government Employee
Manatee County	Law Enforcement Officer	
Medley	Law Enforcement Officer	Non-sworn Government Employee
Miami Beach	Law Enforcement Officer	
Miami Gardens	Law Enforcement Officer	
Miami Springs	Law Enforcement Officer	
New Port Richey	Non-sworn Government Employee	
North Miami Beach	Law Enforcement Officer	Non-sworn Government Employee
Ocoee	Law Enforcement Officer	Non-sworn Government Employee
Opa-locka	Law Enforcement Officer	Non-sworn Government Employee
Orange County	Non-sworn Government Employee	
Orange Park	Law Enforcement Officer	
Orlando	Non-sworn Government Employee	Other: State of Florida Certified Traffic Infraction Enforcement Officers with previous sworn Law Enforcement experience.
Osceola County BOCC	Law Enforcement Officer	
Pinecrest	Law Enforcement Officer	
Port Richey	Law Enforcement Officer	Non-sworn Government Employee
Sarasota	Law Enforcement Officer	
South Miami	Law Enforcement Officer	
Sunrise	Law Enforcement Officer	Non-sworn Government Employee
Tampa	Law Enforcement Officer	
West Miami	Law Enforcement Officer	
West Park	Law Enforcement Officer	
Winter Park	Law Enforcement Officer	Non-sworn Government Employee

Question 26: Does your jurisdiction issue Notices of Violation (based on red light camera detection) for persons making improper right turns on a red signal?

Aventura	Yes
Bal Harbour	Yes
Belle Isle	Yes
Boynton Beach	No
Clearwater	No
Coral Gables	Yes
Crestview	No
Davie	No
Doral	No
Florida City	Yes
Green Cove Springs	Yes
Gulf Breeze	No
Haines City	No
Hillsborough County	No
Key Biscayne	Yes
Kissimmee	Yes
Lakeland	Yes
Maitland	Yes
Manatee County	Yes
Medley	No
Miami Beach	No
Miami Gardens	Yes
Miami Springs	Yes
New Port Richey	Yes
North Miami Beach	No
Ocoee	Yes
Opa-locka	Yes
Orange County	Yes
Orange Park	No
Orlando	No
Osceola County BOCC	No
Pinecrest	No
Port Richey	No
Sarasota	No
South Miami	No
Sunrise	Yes
Tampa	Yes
West Miami	Yes
West Park	No
Winter Park	Yes

Question 27: How many Notices of Violation were issued within your jurisdiction for improper right turns on a red signal during the reporting period of July 1, 2022, through June 30, 2023? If you do not know, please leave this field blank.

Aventura	39,671
Bal Harbour	field left blank
Belle Isle	field left blank
Coral Gables	field left blank
Florida City	5,441
Green Cove Springs	34
Key Biscayne	5
Kissimmee	field left blank
Lakeland	2,532
Maitland	field left blank
Manatee County	field left blank
Miami Gardens	28,687
Miami Springs	6,214
New Port Richey	334
Ocoee	15,523
Opa-locka	field left blank
Orange County	278
Sunrise	5,281
Tampa	2,936
West Miami	field left blank
Winter Park	field left blank

Question 28: Section 316.0083(1)(a), Florida Statutes, provides that, "A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible." Please provide the definition used by your jurisdiction when determining if a violation should be issued.

Aventura	Was the driver careful & prudent driving through the intersection? Was the driver traveling more than 5 miles per hour through the intersection?
Bal Harbour	Did the vehicle slow down before turning and were pedestrians yield to?
Belle Isle	Vehicle does not come to a complete stop given time to observe traffic in a careful and prudent manner.
Coral Gables	When a vehicle or a pedestrian has the right of way.
Florida City	We use BRQ and our discretion to determine what is a careful and prudent turn.
Green Cove Springs	Safe and prudent manner.
Key Biscayne	If the right hand turn on red is observed to not be careful and prudent.
Kissimmee	Only when a right turn on red is prohibited by posted signage.
Lakeland	We follow the Florida State Statute and our BRQ's after a review of the violation to determine if the turn was safe and prudent.
Maitland	A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right-hand turns are permissible.
Manatee County	Red light camera violations are issued if you: <ul style="list-style-type: none"> •Cross the stop line and enter the intersection after the light has turned red, or •Fail to come to a complete stop at a red light before completing a right turn, or •Make a right turn during a red light at an intersection with a "No Right on Red" sign.
Miami Gardens	A notice of violation and a traffic citation may not be issued for failure to stop at a red light if the driver is making a right-hand turn in a careful and prudent manner at an intersection where right hand turns are permissible. A notice of violation and a traffic citation may not be issued under this section if the driver of a vehicle came to a complete stop after crossing the stop line and before turning right if permissible at a red light, but failed to stop before crossing over the stop line or other point at which a stop is required.
Miami Springs	The vehicle should be traveling LESS than 15 mph. Drivers must yield to the right of way to other vehicles and to pedestrians attempting to cross the street in the crosswalk.
New Port Richey	The reviewer considers the totality of the circumstances to include, but not limited to: Speed, Traffic Volume, Weather Conditions, Roadway Conditions, and Pedestrian Actions.
Ocoee	In the review process, we identify vehicles travelling 12mph or less to be careful and prudent in our business rules. Furthermore, any vehicle that stops before the apex of the curve is considered not to be in violation. We fall back on Florida Statutes, section 316.074.
Opa-locka	Speed of Violation 13 miles per hour or greater, Traffic Conditions, Pedestrians, Bicyclist, Near Crashes, Combination of Traffic Offenses.
Orange County	A right turn on red violation may be issued at 1 particular intersection, but only when the additional No right turn sign is illuminated during specific hours
Sunrise	A right turn on red conducted at a speed greater than 15 mph or a vehicle who fails to yield the right of way to pedestrians or other vehicle in the intersection.
Tampa	Making a right turn on red at greater than 15 miles per hour, or if there is a pedestrian in close proximity.
West Miami	Unknown
Winter Park	You can make a right hand turn in a "careful and prudent mannor" after coming to a complete stop pursuant to the directives of Florida Statutes

Question 29: What action(s) has your jurisdiction taken to improve safety measures as a result of your red light camera program?

At intersections with red light cameras:

Aventura	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased red light camera-specific signage	Increased other type of signage	Lighting	Re-Striping	
Bal Harbour	Increased red light camera-specific signage	Increased other type of signage					
Belle Isle	Increased red light camera-specific signage	Increased other type of signage					
Boynton Beach	Education and Outreach	Increased red light camera-specific signage					
Clearwater	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased red light camera-specific signage	Increased other type of signage	Lighting	Re-Striping
Crestview	Education and Outreach	Increased red light camera-specific signage	Increased other type of signage	Re-Striping			
Davie	Education and Outreach	Increased red light camera-specific signage					
Doral	Increased red light camera-specific signage						
Green Cove Springs	Engineering, Roadway/Geometric	Engineering, Signalization/Operations					
Haines City	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased red light camera-specific signage	Increased other type of signage	Lighting	Re-Striping
Key Biscayne	Education and Outreach	Lighting					
Kissimmee	Education and Outreach	Engineering, Signalization/Operations	Increased red light camera-specific signage	Increased other type of signage	Lighting		
Lakeland	Education and Outreach	Engineering, Roadway/Geometric	Increased red light camera-specific signage				
Manatee County	Re-Striping						
Medley	Education and Outreach	Increased red light camera-specific signage	Lighting	Re-Striping			
Miami Gardens	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased red light camera-specific signage	Lighting	Re-Striping	
Miami Springs	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Lighting	Re-Striping		
Ocoee	Education and Outreach	Engineering, Signalization/Operations	Increased red light camera-specific signage	Lighting	Re-Striping		
Opa-locka	Education and Outreach	Increased red light camera-specific signage	Increased other type of signage				
Orange County	Engineering, Signalization/Operations	Increased other type of signage	Re-Striping				
Orange Park	Re-Striping						
Orlando	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased red light camera-specific signage	Increased other type of signage	Lighting	Re-Striping
Sarasota	Increased red light camera-specific signage	Re-Striping					
South Miami	Education and Outreach	Increased red light camera-specific signage					
Sunrise	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Lighting	Re-Striping		
West Miami	Increased other type of signage	Lighting	Re-Striping				
West Park	Education and Outreach						
Winter Park	Engineering, Signalization/Operations	Re-Striping					

At intersections without red light cameras:

Aventura	Engineering, Roadway/Geometric	Lighting	Re-Striping				
Clearwater	Education and Outreach	Engineering, Roadway/Geometric	Re-Striping				
Crestview	Education and Outreach	Re-Striping					
Haines City	Education and Outreach	Increased other type of signage	Lighting				
Key Biscayne	Education and Outreach	Lighting					
Lakeland	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased other type of signage	Lighting	Re-Striping	
Miami Gardens	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Lighting	Re-Striping		
Miami Springs	Education and Outreach	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Lighting	Re-Striping		
Ocoee	Engineering, Signalization/Operations	Lighting	Re-Striping				
Orange County	Engineering, Signalization/Operations	Increased other type of signage					
Orange Park	Re-Striping						
Orlando	Re-Striping						
Winter Park	Engineering, Roadway/Geometric	Engineering, Signalization/Operations	Increased other type of signage	Re-Striping			

Question 30: Please describe any other action(s) that your jurisdiction has taken to improve safety measures as a result of your red light camera program.

Davie	We replaced all of our Red Light Camera Intersection Signage at our five intersections during this evaluation period. The work was completed at our request by our vendor Verra Mobility. We also periodically sent our Public Works crews to two intersections to trim the tree branches so they did not obstruct the video feed at these locations.
Florida City	Radar, along other traffic control details.
Green Cove Springs	FDOT commissioned a timing study of the 3 intersection's in January 2023 by hiring a certified engineering firm, Iteris Inc, 1907 N. US 301, Suite 120, Tampa, Fla 33619. Helmuth Arens, P.E., PTOE
Haines City	A video was placed on social media of citizens running a red light to show the importance of stopping for red lights.
Kissimmee	Increase in traffic enforcement activity.
Medley	Have been able to identify peak times of traffic to address blocking the intersection.
North Miami Beach	No further action has been taken during this time period.
Ocoee	We utilize sign boards year-round with traffic safety messaging. We have also had to do a lot of tree trimming around our RLC intersections.
Orlando	The City of Orlando and FDOT have placed a yellow back plate behind 90% of the traffic signals where there is a red light camera device. Soon to be 100% as the traffic signal span wires get removed and exchanged with metal mast arm poles. The City of Orlando has placed many (where possible) approach red light warning signs on the left side of the road as well as the required right-hand side of the road.
West Park	Printed material available at City Hall, along with Website content.

Question 31: Has red light camera footage been used to investigate other crimes or cases not related to red light violations within your jurisdiction?

Aventura	Yes
Bal Harbour	Yes
Belle Isle	Yes
Boynton Beach	Yes
Clearwater	Yes
Coral Gables	Yes
Crestview	Yes
Davie	Yes
Doral	Yes
Florida City	Yes
Green Cove Springs	Yes
Gulf Breeze	Yes
Haines City	Yes
Hillsborough County	Yes
Key Biscayne	Yes
Kissimmee	Yes
Lakeland	Yes
Maitland	Yes
Manatee County	Yes
Medley	Yes
Miami Beach	Yes
Miami Gardens	Yes
Miami Springs	Yes
New Port Richey	Yes
North Miami Beach	Yes
Ocoee	Yes
Opa-locka	Yes
Orange County	Yes
Orange Park	Yes
Orlando	Yes
Osceola County BOCC	Yes
Pinecrest	Yes
Port Richey	Yes
Sarasota	Yes
South Miami	Yes
Sunrise	Yes
Tampa	Yes
West Miami	Yes
West Park	Yes
Winter Park	Yes

Question 32: Please describe the other situations in which red light cameras have been used within your jurisdiction.

Aventura	Crash Investigations	Criminal Investigations		
Bal Harbour	Crash Investigations	Criminal Investigations		
Belle Isle	Crash Investigations	Criminal Investigations		
Boynton Beach	Crash Investigations	Criminal Investigations	Missing Persons	
Clearwater	Crash Investigations	Criminal Investigations		
Coral Gables	Crash Investigations	Criminal Investigations		
Crestview	Crash Investigations	Criminal Investigations		
Davie	Crash Investigations	Criminal Investigations		
Doral	Crash Investigations	Criminal Investigations		
Florida City	Crash Investigations	Criminal Investigations	Missing Persons	
Green Cove Springs	Crash Investigations	Criminal Investigations	Other: Abduction allegation. Unfounded.	
Gulf Breeze	Crash Investigations	Criminal Investigations		
Haines City	Crash Investigations	Criminal Investigations	Missing Persons	
Hillsborough County	Crash Investigations	Criminal Investigations		
Key Biscayne	Crash Investigations	Criminal Investigations		
Kissimmee	Crash Investigations	Criminal Investigations		
Lakeland	Crash Investigations	Criminal Investigations	Missing Persons	
Maitland	Crash Investigations	Criminal Investigations	Missing Persons	
Manatee County	Crash Investigations	Criminal Investigations		
Medley	Crash Investigations	Criminal Investigations		
Miami Beach	Crash Investigations	Criminal Investigations		
Miami Gardens	Crash Investigations	Criminal Investigations	Missing Persons	
Miami Springs	Crash Investigations	Criminal Investigations		
New Port Richey	Crash Investigations	Criminal Investigations		
North Miami Beach	Crash Investigations	Criminal Investigations	Missing Persons	
Ocoee	Crash Investigations	Criminal Investigations	Missing Persons	
Opa-locka	Crash Investigations	Criminal Investigations		
Orange County	Crash Investigations	Criminal Investigations		
Orange Park	Crash Investigations	Criminal Investigations	Missing Persons	
Orlando	Crash Investigations	Criminal Investigations	Missing Persons	Other: Traffic count, traffic and average speed of vehicles traveling through the intersection.
Osceola County BOCC	Crash Investigations	Criminal Investigations		
Pinecrest	Crash Investigations	Criminal Investigations		
Port Richey	Crash Investigations	Criminal Investigations		
Sarasota	Crash Investigations	Criminal Investigations		
South Miami	Crash Investigations	Criminal Investigations		
Sunrise	Crash Investigations	Criminal Investigations	Missing Persons	
Tampa	Crash Investigations	Criminal Investigations		
West Miami	Crash Investigations	Criminal Investigations		
West Park	Crash Investigations	Criminal Investigations		
Winter Park	Crash Investigations	Criminal Investigations		

Question 33: Has your jurisdiction conducted an independent red light camera analysis?

Aventura	No
Bal Harbour	No
Belle Isle	No
Boynton Beach	No
Clearwater	No
Coral Gables	No
Crestview	No
Davie	No
Doral	Yes
Florida City	No
Green Cove Springs	Yes
Gulf Breeze	No
Haines City	No
Hillsborough County	No
Key Biscayne	No
Kissimmee	Yes
Lakeland	No
Maitland	Yes
Manatee County	No
Medley	No
Miami Beach	Yes
Miami Gardens	Yes
Miami Springs	No
New Port Richey	No
North Miami Beach	No
Ocoee	No
Opa-locka	No
Orange County	No
Orange Park	No
Orlando	No
Osceola County BOCC	No
Pinecrest	No
Port Richey	No
Sarasota	No
South Miami	No
Sunrise	Yes
Tampa	No
West Miami	No
West Park	No
Winter Park	No

Question 34: Please provide any additional specifications or clarifications for any of your responses to this survey.

Crestview	Please use these responses instead of the previous responses, as these are most accurate. Thank you!
Green Cove Springs	An analysis of intersection 3, camera GCS004, and GCS005 was conducted to determine the reason violations had decreased due to the number of violations had a noticeable decrease from September 2022 through May 2023. It was determined that there were some faulty sensors in the roadway not working. The sensors were replaced.
Orlando	The cameras are often used to provide footage for traffic crash Investigators right after an incident. The video footage is often sort out by public records requesters wanting evidence of an incident. The footage has also been used to do an assessment of what occurred during a storm.
West Park	Assisted with multiple crash and homicide investigations for BSO.

Question 35: Is your jurisdiction continuing its red light camera program in this fiscal reporting year, July 1, 2023, through June 30, 2024?

Aventura	Yes
Bal Harbour	Yes
Belle Isle	Yes
Boynton Beach	Yes
Clearwater	Yes
Coral Gables	Yes
Crestview	Yes
Davie	Yes
Doral	No
Florida City	Yes
Green Cove Springs	Yes
Gulf Breeze	Yes
Haines City	Yes
Hillsborough County	Yes
Key Biscayne	Yes
Kissimmee	Yes
Lakeland	Yes
Maitland	Yes
Manatee County	No
Medley	Yes
Miami Beach	Yes
Miami Gardens	Yes
Miami Springs	Yes
New Port Richey	Yes
North Miami Beach	Yes
Ocoee	Yes
Opa-locka	Yes
Orange County	Yes
Orange Park	Yes
Orlando	Yes
Osceola County BOCC	Yes
Pinecrest	Yes
Port Richey	Yes
Sarasota	Yes
South Miami	Yes
Sunrise	Yes
Tampa	Yes
West Miami	Yes
West Park	Yes
Winter Park	Yes