

**Red Light
Safety
Program**

Suffolk County
New York



SUFFOLK COUNTY

RED LIGHT SAFETY PROGRAM

2011 CALENDAR YEAR
ANNUAL REPORT



SUFFOLK STOPS ON RED

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Suffolk County Red Light Safety Program
Suffolk County Department of Public Works

ISSUED:

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INTRODUCTION & PURPOSE OF THIS REPORT

Suffolk County's Red Light Safety Program was authorized by New York State Vehicle & Traffic Law § 1111-b, enacted in May of 2009 and Suffolk County Local Law 20-2009, which went into effect June 30, 2009. The authorizing legislation permitted the installation of red light cameras at up to 50 intersections in Suffolk County, and is a 5-year pilot program which ends on December 1, 2014.

Suffolk County's Red Light Safety Program is focused on changing driver behavior at signalized intersections through a comprehensive effort involving engineering and enforcement. The Suffolk County Red Light Safety Program uses automated enforcement to enhance the safety of motorists at signalized intersections within Suffolk County.

The New York State legislation which authorized the installation of red light cameras requires the County to issue an annual report which provides detailed information regarding program operations. This is Suffolk County's second annual report, which will reflect citation data for the calendar year 2011.

As required by State legislation, this report will address the following:

- I. A description of the locations where traffic-control signal photo violation-monitoring systems were used;
- II. The aggregate number, type and severity of accidents reported at intersections where a traffic-control signal photo violation-monitoring system is used for the year preceding the installation of such system, to the extent the information is maintained by the Department of Motor Vehicles of this state;
The aggregate number, type and severity of accidents reported at intersections where a traffic-control signal photo violation-monitoring system is used, to the extent the information is maintained by the Department of Motor Vehicles of this state;
- III. The number of violations recorded at each intersection where a traffic-control signal photo violation-monitoring system is used and in the aggregate on a daily, weekly and monthly basis;
The total number of notices of liability issued for violations recorded by such systems;
- IV. The number of fines and total amount of fines paid after first notice of liability;
- V. The number of violations adjudicated and results of such adjudications including breakdown of dispositions made for violations recorded by such systems and quality of the adjudication process and its results;
- VI. The total amount of revenue realized by such county; and expenses incurred by such county in connection with the program.

I. RED LIGHT CAMERA LOCATIONS

Intersections for red light camera installations were selected by Suffolk County Department of Public Works based upon a variety of factors, most importantly the analysis of crash data available from the New York State Department of Transportation and consideration of where red light cameras would yield the highest safety results. All signals selected are NYSDOT owned and maintained.

Suffolk's first two red light cameras started to record issuable red light events on July 15, 2010. In total, 100 cameras are now in operation at 50 intersections. For the time period between January 1, 2011 and December 31, 2011, the following 100 cameras were recording red light violations, listed in the order of date operational:

SUFFOLK COUNTY RED LIGHT CAMERA LOCATIONS OPERATIONAL - 2011						
REF#	Enforcement Street	Cross Street	Direction	Hamlet	Recording Events	Location Code
1	CR 93 (Ocean Ave)	I495S	NB	Ronkonkoma	07/15/10	101
2	I495S	CR 93 (Ocean Ave)	EB	Ronkonkoma	07/15/10	103
3	NY454	CR 100 (Suffolk Ave)	NB	Islandia	08/17/10	621
4	Ronkonkoma Ave	I495N	SB	Ronkonkoma	08/18/10	112
5	I495N	Ronkonkoma Ave	WB	Ronkonkoma	08/18/10	114
6	NY454	CR 100 (Suffolk Ave)	SB	Islandia	08/18/10	622
7	CR 67 (Motor Pkwy)	NY454	WB	Islandia	08/19/10	474
8	NY454	CR 67 (Motor Pkwy)	SB	Islandia	08/20/10	472
9	CR 67 (Motor Pkwy)	NY454	EB	Islandia	08/20/10	473
10	NY454	CR 67 (Motor Pkwy)	NB	Islandia	08/23/10	471
11	I495N (Exit 57)	CR 67 (Motor Parkway)	WB	Islandia	09/21/10	14
12	NY27N	CR112 (Johnson Ave)	WB	Sayville	09/21/10	74
13	NY111	I495S	NB	Hauppauge	09/25/10	151
14	I495N	CR 93 (Ocean Ave)	WB	Ronkonkoma	09/25/10	184
15	NY27S	CR 112 (Johnson Ave)	EB	Sayville	09/26/10	453
16	NY112	NY27N	SB	East Patchogue	09/30/10	422
17	NY27N	NY112	WB	East Patchogue	09/30/10	424
18	I495N	Old Nichols Rd	WB	Ronkonkoma	10/02/10	144
19	NY25	Pidgeon Hill Rd	WB	South Huntington	10/04/10	94
20	CR 112 (Johnson Ave)	NY27N	SB	Sayville	10/12/10	72
21	NY25	Holbrook Rd	EB	Centereach	10/18/10	343
22	NY25	Holbrook Rd	WB	Centereach	10/18/10	344
23	CR 67 (Motor Parkway)	I495N (Exit 57)	SB	Islandia	10/19/10	12
24	Old Nichols Rd	I495N	SB	Ronkonkoma	10/19/10	142

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REF#	Enforcement Street	Cross Street	Direction	Hamlet	Recording Events	Location Code
25	CR 93 (Ocean Ave)	I495N	SB	Ronkonkoma	10/19/10	182
26	CR 112 (Johnson Ave)	NY27S	NB	Sayville	10/19/10	451
27	CR 4 (Commack Rd)	I495N	SB	East Half Hollow Hills	10/22/10	52
28	NY25	Pidgeon Hill Rd	EB	South Huntington	10/22/10	93
29	NY25	Eastwood Blvd	EB	Centereach	10/22/10	123
30	NY25	Eastwood Blvd	WB	Centereach	10/22/10	124
31	CR 97 (Nicolls Rd)	NY347	NB	Lake Grove	10/31/10	161
32	CR 97 (Nicolls Rd)	NY347	SB	Lake Grove	10/31/10	162
33	NY347	CR 97 (Nicolls Rd)	EB	Lake Grove	10/31/10	163
34	NY112	I495N	SB	Medford	11/02/10	742
35	CR 67 (Motor Pkwy)	I495S (Exit 57)	NB	Islandia	11/05/10	211
36	NY112	I495 (LIE SSR)	NB	Medford	11/10/10	731
37	I495 (LIE SSR)	NY112	EB	Medford	11/10/10	733
38	I495N	CR4 (Commack Rd)	WB	East Half Hollow Hills	11/13/10	54
39	NY347	CR 97 (Nicolls Rd)	WB	Lake Grove	11/16/10	164
40	NY110	CR 47 (Great Neck Rd)	SB	Farmingdale	11/17/10	392
41	I495S	NY111	EB	Hauppauge	11/18/10	153
42	NY109	CR 28 (New Hwy)	EB	North Lindenhurst	11/20/10	223
43	NY110	CR 47 (Great Neck Rd)	NB	Farmingdale	11/24/10	391
44	NY25	CR 83	WB	Selden	12/06/10	304
45	NY25	Marshall Dr/Paula Blvd	EB	North Selden	12/06/10	443
46	NY25	Marshall Dr/Paula Blvd	WB	North Selden	12/06/10	444
47	NY25	Boyle Rd	WB	Selden	12/07/10	174
48	CR 83	NY25	NB	Selden	12/07/10	301
49	CR 83	NY25	SB	Selden	12/07/10	302
50	NY25	CR 83	EB	Selden	12/07/10	303
51	NY25	Boyle Rd	EB	Selden	12/08/10	173
52	I495N	NY112	WB	Medford	12/08/10	744
53	I495S (Exit 57)	CR 67 (Motor Pkwy)	EB	Islandia	12/16/10	213
54	CR 28 (New Hwy)	NY109	NB	North Lindenhurst	12/17/10	221
55	CR 47 (Great Neck Rd)	NY110	WB	Farmingdale	12/17/10	394
56	NY347	Stonybrook Rd	WB	South Stony Brook	12/18/10	834
57	NY347	NY25	SB	St. James	12/21/10	822
58	NY25	NY347	WB	St. James	12/21/10	824
59	NY347	Mark Tree Rd	WB	East Setauket	12/21/10	844
60	NY109	CR 28 (New Hwy)	WB	North Lindenhurst	12/22/10	224
61	NY347	Stonybrook Rd	EB	South Stony Brook	01/12/11	833
62	NY347	Mark Tree Rd	EB	East Setauket	01/13/11	843
63	CR 4 (Commack Rd)	NY25	NB	Commack	01/25/11	431

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REF#	Enforcement Street	Cross Street	Direction	Hamlet	Recording Events	Location Code
64	NY25	CR 4 (Commack Rd)	WB	Commack	01/25/11	434
65	NY347	Old Town Rd	EB	Port Jefferson Station	01/26/11	583
66	NY347	Old Town Rd	WB	Port Jefferson Station	01/26/11	584
67	NY454	CR 112 (Johnson Ave)	EB	Bohemia	01/26/11	803
68	NY 25	Larkfield Rd	EB	Elwood	02/04/11	593
69	NY 25	Larkfield Rd	WB	Elwood	02/04/11	594
70	CR 16 (Horseblock Rd)	NY112	EB	Medford	02/07/11	513
71	NY454	CR 112 (Johnson Ave)	WB	Bohemia	02/07/11	804
72	NY112	CR 16 (Horseblock Rd)	NB	Medford	02/09/11	511
73	NY112	NY27S	NB	East Patchogue	02/11/11	571
74	NY27S	NY112	EB	East Patchogue	02/11/11	573
75	NY25A	CR 21 (Rocky Point -Yaphank Rd)	WB	Rocky Point	02/16/11	654
76	NY25A	CR 21 (Rocky Point -Yaphank Rd)	EB	Rocky Point	02/18/11	653
77	NY110	NY25	NB	South Huntington	02/24/11	611
78	NY25	NY110	WB	South Huntington	02/24/11	614
79	NY25	NY112	EB	Coram	02/24/11	633
80	NY112	CR 99 (Woodside Ave)	NB	South Medford	02/24/11	721
81	NY112	CR 99 (Woodside Ave)	SB	South Medford	02/24/11	722
82	NY454	CR 18 (Broadway)	EB	South Holbrook	03/08/11	813
83	NY454	CR 18 (Broadway)	WB	South Holbrook	03/08/11	814
84	NY111	I495N	SB	Hauppauge	03/18/11	412
85	I495N	NY111	WB	Hauppauge	03/18/11	414
86	NY454	Old Willets Path	EB	Hauppauge	03/18/11	643
87	LIE SSR	NY231 (Deer Park Ave)	EB	Dix Hills	03/18/11	1043
88	NY231 (Deer Park Ave)	CR2 (Straight Path)	NB	Dix Hills	03/18/11	1111
89	CR 93 (Lakeland)	NY27S NSR	SB	Bohemia	03/23/11	252
90	I495S	CR 4 (Commack Rd)	EB	East Half Hollow Hills	03/25/11	493
91	CR 4 (Commack Rd)	I495S	NB	East Half Hollow Hills	03/29/11	491
92	NY231 (Deer Park Ave)	LIE NSR	SB	Dix Hills	03/30/11	1052
93	NY25A	CR 97	WB	Centereach	04/06/11	674
94	CR 2 (Straight Path)	NY27	NB	Lindenhurst	04/08/11	561
95	NY27	CR 2 (Straight Path)	EB	Lindenhurst	04/08/11	563
96	NY27	N. Delaware Ave	WB	North Lindenhurst	04/08/11	964
97	NY27	N. Monroe Ave	EB	North Lindenhurst	04/08/11	973
98	NY27	N. Delaware Ave	EB	North Lindenhurst	04/09/11	963
99	NY27	N. Monroe Ave	WB	North Lindenhurst	04/09/11	974
100	NY110	Conklin St	SB	Farmingdale	04/10/11	602

II. ACCIDENT DATA

Introduction

Suffolk County's Red Light Camera program currently consists of 50 intersections. The accident data included in this report depicts the total number, manner of collision, and severity of reported accidents at these intersections. The accident data was requested from the NYSDOT for the time period of May 2009 to the present time. The reports received were from the NYSSDMV Accident Location Information System (ALIS) and included Accident Verbal Description Reports from May 1, 2009 to June 30, 2011. As of our April 26, 2012 request the ALIS consisted of only data through June 30, 2011, data for the remainder of 2011 is expected to be available in the Fall of 2012.

Methodology

Intersections for both pre-construction and post-construction were analyzed and summarized based on both 'Type of Collision' and 'Severity.' This breakdown will help assist in determining the exact impact the Red Light Camera Program had in type and severity of accidents. The accident summary for type of collision included the following breakdown; right angle, rear end, left turn, right turn, head on, fixed object, pedestrian/bicycle, over-taking, backing and other or unknown. The accident summary for severity included a breakdown of accidents by property damage, injury and fatality. The pre and post construction summary tables include the total number of reported accidents and a total for non-reportable accidents. Non-reportable accidents are defined as accidents with less than \$1,000 in total property damages. These accidents are not included in the accident summary breakdowns because pertinent information that would be required in our statistical analysis may be unavailable.

The pre-construction red light camera accident analysis consisted of examining all the accident data for each intersection from the red light camera start date of violation recordings to a 12 month period prior to this date. For example, if the red light camera at a specific intersection started to record violations on July 15, 2010, pre-construction accident data was analyzed from July 15, 2009 to July 14, 2010. It should be noted that the pre-construction analysis for each of the intersections will represent a different 12 month period.

The post-construction red light camera analysis included examining all the accident data from the start date of recording violations through June 30, 2011 (most recent data available) for each camera.

Findings

While ideally we would utilize a minimum of 12 months of post-construction data, at this time the New York State Department of Transportation database only has crash data through June 30, 2011. Furthermore, no RLC system operated for a full year and slightly more than half enforced more than six months. However, preliminary review of the available post-construction data suggests that the red light camera violation systems have significantly reduced total accidents, right angle accidents and rear end accidents. Next year's report will produce a more accurate short-term assessment of the effects of these systems on Suffolk County highways.

III. RED LIGHT CAMERA EVENTS RECORDED AND NOTICES OF LIABILITY ISSUED

The following table indicates the number of Notices of Liability recorded (pictures/video taken) and issued (resulting in a citation) by intersection in 2011.

SUFFOLK COUNTY RED LIGHT CITATIONS RECORDED AND ISSUED IN 2011 BY INTERSECTION

	Location Code	Enforcement Street	Cross Street	Direction	Hamlet	2011 Intersection Recorded	2011 Intersection Issued
1	12	CR 67 (Motor Parkway)	I495N (Exit 57)	SB	Hauppauge	4,927	4,487
	14	I495N (Exit 57)	CR 67 (Motor Parkway)	WB			
2	52	CR 4 (Commack Rd)	I495N	SB	Commack	14,121	10,927
	54	I495N	CR4 (Commack Rd)	WB			
3	491	CR 4 (Commack Rd)	I495S	NB	Commack	15,552	13,722
	493	I495S	CR 4 (Commack Rd)	EB			
4	72	CR 112 (Johnson Ave)	NY27N	SB	Sayville	6,771	5,901
	74	NY27N	CR112 (Johnson Ave)	WB			
5	93	NY25	Pidgeon Hill Rd	EB	South Huntington	8,397	7,592
	94	NY25	Pidgeon Hill Rd	WB			
6	101	CR 93 (Ocean Ave)	I495S	NB	Ronkonkoma	15,283	13,358
	103	I495S	CR 93 (Ocean Ave)	EB			
7	112	Ronkonkoma Ave	I495N	SB	Ronkonkoma	13,906	10,837
	114	I495N	Ronkonkoma Ave	WB			
8	123	NY25	Eastwood Blvd	EB	Centereach	4,594	3,986
	124	NY25	Eastwood Blvd	WB			
9	142	Old Nichols Rd	I495N	SB	Ronkonkoma	9,899	8,559
	144	I495N	Old Nichols Rd	WB			
10	151	NY111	I495S	NB	Hauppauge	14,664	12,040
	153	I495S	NY111	EB			
11	161	CR 97 (Nicolls Rd)	NY347	NB	Lake Grove	2,639	1,964
	162	CR 97 (Nicolls Rd)	NY347	SB			
	163	NY347	CR 97 (Nicolls Rd)	EB			
	164	NY347	CR 97 (Nicolls Rd)	WB			
12	173	NY25	Boyle Rd	EB	Selden	4,227	3,718
	174	NY25	Boyle Rd	WB			
13	182	CR 93 (Ocean Ave)	I495N	SB	Ronkonkoma	5,251	3,881
	184	I495N	CR 93 (Ocean Ave)	WB			
14	211	CR 67 (Motor Pkwy)	I495S (Exit 57)	NB	Islandia	6,499	5,262
	213	I495S (Exit 57)	CR 67 (Motor Pkwy)	EB			
15	221	CR 28 (New Hwy)	NY109	NB	North Lindenhurst	5,577	4,036
	223	NY109	CR 28 (New Hwy)	EB			
	224	NY109	CR 28 (New Hwy)	WB			
16	252	CR 93 (Lakeland)	NY27S NSR	SB	Bohemia	2,292	2,073

	Location Code	Enforcement Street	Cross Street	Direction	Hamlet	2011 Intersection Recorded	2011 Intersection Issued
17	301	CR 83	NY25	NB	Selden	3,711	3,043
	302	CR 83	NY25	SB			
	303	NY25	CR 83	EB			
	304	NY25	CR 83	WB			
18	343	NY25	Holbrook Rd	EB	Centereach	4,979	4,207
	344	NY25	Holbrook Rd	WB			
19	391	NY110	CR 47 (Great Neck Rd)	NB	Farmingdale	13,219	10,786
	392	NY110	CR 47 (Great Neck Rd)	SB			
	394	CR 47 (Great Neck Rd)	NY110	WB			
20	412	NY111	I495N	SB	Hauppauge	12,881	11,023
	414	I495N	NY111	WB			
21	422	NY112	NY27N	SB	East Patchogue	7,460	6,174
	424	NY27N	NY112	WB			
22	571	NY112	NY27S	NB	East Patchogue	4,696	3,926
	573	NY27S	NY112	EB			
23	431	CR 4 (Commack Rd)	NY25	NB	Commack	21,784	18,874
	434	NY25	CR 4 (Commack Rd)	WB			
24	443	NY25	Marshall Dr/Paula Blvd	EB	North Selden	4,995	4,390
	444	NY25	Marshall Dr/Paula Blvd	WB			
25	451	CR 112 (Johnson Ave)	NY27S	NB	Sayville	2,308	2,118
	453	NY27S	CR 112 (Johnson Ave)	WB			
26	471	NY454	CR 67 (Motor Pkwy)	NB	Islandia	1,068	838
	472	NY454	CR 67 (Motor Pkwy)	SB			
	473	CR 67 (Motor Pkwy)	NY454	EB			
	474	CR 67 (Motor Pkwy)	NY454	WB			
27	511	NY112	CR 16 (Horseblock Rd)	NB	Medford	2,524	2,155
	513	CR 16 (Horseblock Rd)	NY112	EB			
28	561	CR 2 (Straight Path)	NY27	NB	Lindenhurst	7,426	6,621
	563	NY27	CR 2 (Straight Path)	EB			
29	583	NY347	Old Town Rd	EB	Port Jefferson Station	3,527	2,508
	584	NY347	Old Town Rd	WB			
30	593	NY 25	Larkfield Rd	EB	Elwood	3,897	3,364
	594	NY 25	Larkfield Rd	WB			
31	602	NY110	Conklin St	SB	Farmingdale	16,861	11,912
32	611	NY110	NY25	NB	South Huntington	11,031	10,080
	614	NY25	NY110	WB			
33	621	NY454	CR 100 (Suffolk Ave)	NB	Islandia	11,025	8,978
	622	NY454	CR 100 (Suffolk Ave)	SB			
34	633	NY25	NY112	EB	Coram	2,525	2,200
35	643	NY454	Old Willets Path	EB	Hauppauge	429	300
36	653	NY25A	CR 21 (Rocky Point -Yaphank Rd)	EB	Rocky Point	4,881	4,351
	654	NY25A	CR 21 (Rocky Point -Yaphank Rd)	WB			
37	674	NY25A	CR 97	WB	Centereach	6,356	5,551



	Location Code	Enforcement Street	Cross Street	Direction	Hamlet	2011 Intersection Recorded	2011 Intersection Issued
38	721	NY112	CR 99 (Woodside Ave)	NB	South Medford	10,788	8,385
	722	NY112	CR 99 (Woodside Ave)	SB			
39	731	NY112	I495 (LIE SSR)	NB	Medford	4,062	3,399
	733	I495 (LIE SSR)	NY112	EB			
40	742	NY112	I495N	SB	Medford	4,011	3,587
	744	I495N	NY112	WB			
41	803	NY454	CR 112 (Johnson Ave)	EB	Bohemia	1,913	1,486
	804	NY454	CR 112 (Johnson Ave)	WB			
42	813	NY454	CR 18 (Broadway)	EB	South Holbrook	7,687	6,450
	814	NY454	CR 18 (Broadway)	WB			
43	822	NY347	NY25	SB	St. James	2,265	1,967
	824	NY25	NY347	WB			
44	833	NY347	Stonybrook Rd	EB	South Stony Brook	4,783	4,094
	834	NY347	Stonybrook Rd	WB			
45	843	NY347	Mark Tree Rd	EB	East Setauket	5,658	4,163
	844	NY347	Mark Tree Rd	WB			
46	963	NY27	N. Delaware Ave	EB	North Lindenhurst	2,145	1,788
	964	NY27	N. Delaware Ave	WB			
47	973	NY27	N. Monroe Ave	EB	North Lindenhurst	969	742
	974	NY27	N. Monroe Ave	WB			
48	1043	LIE SSR	NY231 (Deer Park Ave)	EB	Dix Hills	4,254	2,844
49	1052	NY231 (Deer Park Ave)	LIE NSR	SB	Dix Hills	2,368	1,916
50	1111	NY231 (Deer Park Ave)	CR2 (Straight Path)	NB	Dix Hills	2,113	1,769

In summary, the total numbers of citations recorded and issued in 2011 are depicted in the following table. Also summarized is the average by day, week and month.

	Total	Average Per Day	Average Per Week	Average Per Month
2011 Recorded	335,198	918	6,446	27,933
2011 Issued	278,332	763	5,535	23,194

IV. RED LIGHT CAMERA FINES PAID

A total of 223,362 fines were paid after the first notice of liability in 2011. This includes fines paid immediately after the first notice was issued and the following court related fines: found guilty at trial - paid fine; failed to appear at trial – fine paid; plead guilty – fine paid. At \$50 for each fine, a total of \$11,168,100 in gross fine revenues is generated.

V. RED LIGHT CAMERA ADJUDICATION RESULTS

Suffolk County was the only county in New York State to have a Red Light Safety Program without having an existing traffic violations bureau to adjudicate not-guilty pleas. Originally, the New York State Traffic Violations Bureau was to adjudicate Suffolk’s red light camera cases, however the State declined taking on a new caseload, therefore another adjudication forum had to be identified.

A new part in Suffolk County First District Court in Central Islip was created in 2010 to adjudicate red light camera cases. To establish the new part, renovations were required at District Court to provide a new payment window for citations, red light citation video viewing stations were set up in a public access area and equipment was acquired to view videos in the court rooms. The Suffolk County Attorney’s Office prosecutes the cases, which are heard by either Judicial Hearing Officers or Judges in District Court.

In 2011, there were 57 Hearing Dates scheduled with one cancellation due to inclement weather. There were 55 hearing dates adjudicated by Judicial Hearing Officers and 2 adjudicated by Judges. On average, 25% of the defendants scheduled on a given date appeared. The number of defendants scheduled per court date increased as the year progressed. Following is a summary of the results of Red Light cases adjudicated:

SUFFOLK COUNTY RED LIGHT SAFETY PROGRAM									
CASES ADJUDICATED IN SUFFOLK COUNTY DISTRICT COURT - 2011									
	#Citations Issued	# Defendants	Total Trials Held	Found Guilty at Trial	Found Not Guilty at Trial	Pled Guilty	Adjourned	Fine Paid on Court Date	Default Judgments Ordered
TOTAL	278,332	3689	904	748	67	89	189	1576	970
%		1.3%	24%	83%	7%	10%	5%	43%	26%

The quality of the adjudication process is high based on the following:

- The outcome of hearings has been overwhelmingly in favor of the County, indicating that the citations are being issued fairly and properly.
- **In 2011, 1.3% of individuals receiving red light citations requested court hearings and 0.325% resulted in an actual trial. Almost half of those scheduled for court hearings pay the fine prior to court. A very small percentage of defendants (0.024%) have been found not-guilty in District Court.**
- District Court provides an extraordinary high level of access to those wishing to protest their red light camera citations. The Court allows multiple motions to reschedule hearings, assuring everyone that wants to be heard in Court has the opportunity to do so.

VI. RED LIGHT CAMERA REVENUES & EXPENDITURES

Suffolk County's Red Light Safety Program was structured so that County taxpayers would assume no financial risk to operate the program. All fines and fees generated by the issuance of citations are deposited directly into a Suffolk County Treasurer account and are credited to the County's General Fund. The vendor provides a monthly invoice to the County based on the number of citations paid and contractual requirements, which are funded by the revenues received.

In 2011, a total of \$12,898,408 in gross revenues were generated by the Red Light Camera Program, including fines, late fees, credit card convenience fees and return check fees. This total includes revenues for citations issued in 2011, paid in 2012 and accrued back to 2011 based on standard accounting principles.

In 2011, the County's red light camera vendor was paid a total of \$5,998,160 for red light program related activities.

ACCIDENT STATISTICS



**Suffolk County Red Light Camera Accident Analysis 2011
 PRE-CONSTRUCTION**

(Accident Data from Start of Violation Recording Date to 1 Year Prior)

Intersection Information			Total		Type of Collision										Accident Severity		
Intersection	Start Date for Recording Violations	Municipality	Number of Reported Accidents	Number of Non-Reportable Accidents	Right Angle	Rear End	Left Turn	Right Turn	Head On	Fixed Object	Ped/ Bicycle	Over-Taking	Backing	Other/ Unknown	Total Property Damage	Total Injury	Total Fatal
LIE 495 SSR at Ocean Ave.	07.15.2010	Ronkonkoma	8	1	1	3								4	4	4	
NY 454 at CR 100 (Suffolk Ave.)	08.18.2010	Ronkonkoma	12			5	1				2			4	4	8	
LIE 495 NSR at Ronkonkoma Ave	08.18.2010	Ronkonkoma	10	1	5	3		1						1	4	6	
NY 454 at CR 67(Motor Parkway)	08.23.2010	Hauppauge	11		2	3	2	1				1		2	6	5	
CR 67 (Motor Pkwy) at LIE NSR (Exit 57)	09.21.2010	Hauppauge	41		15	6		1		1		6		12	17	24	
NYS 27 NSR at NYS 112	09.30.2010	Bohemia	8		3	1	1				1	1		1	1	7	
NY27N at CR112 Johnson Ave	10.12.2010	Bohemia	7		1	2								4	5	2	
NYS 25 at Holbrook Road	10.18.2010	Centereach	9			2	2					2		3	7	2	
LIE 495 NSR at Ocean Ave	10.19.2010	Patchogue	16	1	6	4	1	1				1		3	9	7	
NYS 27 SSR at CR 112 (Johnson Ave.)	10.19.2010	Bohemia	3		1	1								1	1	2	
Old Nichols Rd at LIE NSR	10.19.2010	Islandia	13		5	1	1					1		5	6	7	
NYS 25 at Eastwood Boulevard	10.22.2010	Centereach	10		1	3	1							5	8	2	
NYS 25 (Jericho Trnprk) at Pidgeon Hill	10.22.2010	Huntington	10	1	4	2	1							3	7	3	
NYS 112 at LIE 495 SSR	11.10.2010	Medford	7		1	3				1				2	4	3	0
LIE 495 NSR. at CR 4 (Commack Road)	11.13.2010	Commack	19	1	3	1	1					6		8	12	7	
Nicholls Road (CR 97) at NYS 347	11.16.2010	Setauket	36	2	2	12	5					4		13	14	22	
NY 111 (Wheeler Rd) at LIE 495 SSR	11.18.2010	Hauppauge	4	1	1					1				2	1	3	
NYS 25 at Marshall Drive /Paula Blvd	12.06.2010	Selden	16	1	4	5	1				1			5	7	9	
NYS 25 at CR 83	12.07.2010	Selden	19		1	14					2	1		1	10	9	
NYS 25 at Boyle Road	12.08.2010	Selden	25	1	7	8	2		1					7	11	14	
NYS 112 at LIE 495 NSR	12.08.2010	Medford	2	1	1	1									1	1	
CR 67 (Motor Pkwy) at LIE SSR (Exit 57)	12.16.2010	Hauppauge	3	1										3	1	2	
CR 47 (Great East Neck Road) at NYS 110	12.17.2010	N. Amityville	14	1	1	6					2	3		2	8	6	
NYS 347 at Stonybrook Road	12.18.2010	Stony Brook	14		2	5	1					1		5	8	6	
NYS 347 at NYS 25	12.21.2010	Lake Grove	21		1	6		1				2		11	17	4	

ACCIDENT STATISTICS



**Suffolk County Red Light Camera Accident Analysis 2011
 PRE-CONSTRUCTION**

(Accident Data from Start of Violation Recording Date to 1 Year Prior)

Intersection Information			Total		Type of Collision										Accident Severity		
Intersection	Start Date for Recording Violations	Municipality	Number of Reported Accidents	Number of Non-Reportable Accidents	Right Angle	Rear End	Left Turn	Right Turn	Head On	Fixed Object	Ped/Bicycle	Over-Taking	Backing	Other/Unknown	Total Property Damage	Total Injury	Total Fatal
NYS 109 at CR 28, New Hwy	12.22.2010	Lindenhurst	18		4	6	1	1				2		4	12	6	
NYS 347 at Marktree Road	1.11.2011	East Setauket	18	1	1	7	1				1			8	10	8	
CR 4 (Commack Road) at NYS 25	1.17.2011	Commack	23		3	8	4			1		3		4	15	8	
NYS 454 at CR 112 (Johnson Avenue)	1.18.2011	Bohemia	14		2	8	2					1		1	9	5	
NYS 112 at CR 16 (Horseblock Road)	1.19.2011	Medford	25	2	2	9	7					2		5	11	14	
NY 347 at Old Town Road	1.25.2011	Port Jefferson Stat.	25		2	9	1							13	15	9	
NYS 112 @ NYS 27 SSR	2.2.2011	Patchogue	3		1	1								1	1	2	
NYS 25 at Larkfield Road	2.4.2011	Elwood	19		5	3						1	1	9	16	3	
NYS 112 at CR 99 (Woodside Avenue)	2.9.2011	Medford	9	1		4	1		1					3	4	5	
NYS 25 at NY 110	2.11.2011	South Huntington	5			4								1	1	4	
NYS 25A at CR 21 (Rocky Point - Yaphank Rd)	2.14.2011	Rocky Point	19			4	3	1		2	1		1	7	10	9	
NYS 25 at NYS 112	2.22.2011	Coram	15	1	3	5	1					1		5	14	1	
NYS 111 at LIE 495 NSR	3.9.2011	Hauppauge	20		3	3	7							7	9	11	
NYS 454 at Broadway	3.17.2011	Holbrook	10			2	2					1		5	4	5	
Commack Road (CR 4) at LIE 495 SSR	3.18.2011	East Half Hallow Hills	9	1	1	2	1					2		3	7	2	
LIE 495 SSR at Deer Park Ave. (NYS 231)	3.22.2011	Dix Hills	7	1	3	1						1		2	2	5	
CR 93 (Lakeland Ave.) at NYS 27 NSR	3.22.2011	Bohemia	11		1	5	1							4	7	4	
NYS 454 at Old Willets	3.22.2011	Hauppauge	15	1		9	2					1		3	11	4	
NYS 231 @ LIE 495 NSR	3.22.2011	Dix Hills	10			3		1				3		3	8	2	
NYS 231 at Straight Path (CR 2)	3.24.2011	Dix Hills	0														
NYS 25 at CR 97 (Nicolls Road)	3.29.2011	Centereach	43	4		31	1			2		1		8	19	24	
Straigh Path (CR 2) at NYS 27	4.1.2011	Lindenhurst	12		4	3		2				1		2	5	7	
NYS 27 at North Delaware Ave.	4.5.2011	North Lindenhurst	6		1	2						1		2	2	4	
NYS 110 at Conklin	4.5.2011	Farmingdale	11		1	5		1			2	1		1	7	4	
NYS 27 at Monroe Avenue	4.5.2011	North Lindenhurst	12	2	3	1	1					1		6	7	5	

ACCIDENT STATISTICS



Suffolk County Red Light Camera Accident Analysis 2011
POST-CONSTRUCTION

Accident Data from Start Date for Recording Violations to June 30, 2011

Intersection Information			Total		Type of Collision										Accident Severity		
Intersection	Start Date for Recording Violations	Municipality	Number of Reported Accidents	Number of Non-Reportable Accidents	Right Angle	Rear End	Left Turn	Right Turn	Head On	Fixed Object	Ped/ Bicycle	Over-Taking	Backing	Other/ Unknown	Total Property Damage	Total Injury	Total Fatal
LIE 495 SSR at Ocean Ave.	07.15.2010	Ronkonkoma	2			1								1	1	1	
NY 454 at CR 100 (Suffolk Ave.)	08.18.2010	Ronkonkoma	9		1	1	1					2		4	4	5	
LIE 495 NSR at Ronkonkoma Ave	08.18.2010	Ronkonkoma	3			1	1							1	2	1	
NY 454 at CR 67(Motor Parkway)	08.23.2010	Hauppauge	5	1	1						1	1		2	3	1	1
CR 67 (Motor Pkwy) at LIE NSR (Exit 57)	09.21.2010	Hauppauge	4	1	2					1				1	2	2	
NYS 27 NSR at NYS 112	09.30.2010	Bohemia	5	1		2								3	3	2	
NY27N at CR112 Johnson Ave	10.12.2010	Bohemia	2		1					1					1	1	
NYS 25 at Holbrook Road	10.18.2010	Centereach	4			2	1							1	3	1	
LIE 495 NSR at Ocean Ave	10.19.2010	Patchogue	1				1								1		
NYS 27 SSR at CR 112 (Johnson Ave.)	10.19.2010	Bohemia	0														
Old Nichols Rd at LIE NSR	10.19.2010	Islandia	2											2	1	1	
NYS 25 at Eastwood Boulevard	10.22.2010	Centereach	1		1										1		
NYS 25 (Jericho TrnPk) at Pidgeon Hill	10.22.2010	Huntington	4		1	1	1							1	2	2	
NYS 112 at LIE 495 SSR	11.10.2010	Medford	3			1								2	1	2	
LIE 495 NSR. at CR 4 (Commack Road)	11.13.2010	Commack	6			3						1		2	2	4	
Nicholls Road (CR 97) at NYS 347	11.16.2010	Setauket	13	1		8	1			1				3	6	7	
NY 111 (Wheeler Rd) at LIE 495 SSR	11.18.2010	Hauppauge	1				1								1		
NYS 25 at Marshall Drive /Paula Blvd	12.06.2010	Selden	0														
NYS 25 at CR 83	12.07.2010	Selden	6			3	1							2	4	2	
NYS 25 at Boyle Road	12.08.2010	Selden	3				1							2	2	1	
NYS 112 at LIE 495 NSR	12.08.2010	Medford	0														
CR 67 (Motor Pkwy) at LIE SSR (Exit 57)	12.16.2010	Hauppauge	1			1									1		
CR 47 (Great East Neck Road) at NYS 110	12.17.2010	N. Amityville	3									1		2	2	1	
NYS 347 at Stonybrook Road	12.18.2010	Stony Brook	2		1									1	2		
NYS 347 at NYS 25	12.21.2010	Lake Grove	4			3								1	1	3	

ACCIDENT STATISTICS



Suffolk County Red Light Camera Accident Analysis 2011
POST-CONSTRUCTION

Accident Data from Start Date for Recording Violations to June 30, 2011

Intersection Information			Total		Type of Collision									Accident Severity			
Intersection	Start Date for Recording Violations	Municipality	Number of Reported Accidents	Number of Non-Reportable Accidents	Right Angle	Rear End	Left Turn	Right Turn	Head On	Fixed Object	Ped/ Bicycle	Over-Taking	Backing	Other/ Unknown	Total Property Damage	Total Injury	Total Fatal
NYS 109 at CR 28, New Hwy	12.22.2010	Lindhurst	6			3				1		1		1	4	2	
NYS 347 at Marktree Road	1.11.2011	East Setauket	10			6						1		3	9	1	
CR 4 (Commack Road) at NYS 25	1.17.2011	Commack	6	1	1	2						1		2	4	2	
NYS 454 at CR 112 (Johnson Avenue)	1.18.2011	Bohemia	6		1	2								3	4	2	
NYS 112 at CR 16 (Horseblock Road)	1.19.2011	Medford	13		1	5	1	1				1		4	8	5	
NY 347 at Old Town Road	1.25.2011	Port Jefferson Stat.	0														
NYS 112 @ NYS 27 SSR	2.2.2011	Patchogue	2			1						1				2	
NYS 25 at Larkfield Road	2.4.2011	Elwood	5		1	3								1	5		
NYS 112 at CR 99 (Woodside Avenue)	2.9.2011	Medford	3		1		1							1	1	2	
NYS 25 at NY 110	2.11.2011	South Huntington	3			2								1		3	
NYS 25A at CR 21 (Rocky Point - Yaphank Rd)	2.14.2011	Rocky Point	3		2	1									3		
NYS 25 at NYS 112	2.22.2011	Coram	1									1				1	
NYS 111 at LIE 495 NSR	3.9.2011	Hauppauge	2	1		1								1	1	1	
NYS 454 at Broadway	3.17.2011	Holbrook	0														
Commack Road (CR 4) at LIE 495 SSR	3.18.2011	East Half Hallow Hills	2		2										2		
LIE 495 SSR at Deer Park Ave. (NYS 231)	3.22.2011	Dix Hills	2			1								1	1	1	
CR 93 (Lakeland Ave.) at NYS 27 NSR	3.22.2011	Bohemia	1											1		1	
NYS 454 at Old Willets	3.22.2011	Hauppauge	0														
NYS 231 @ LIE 495 NSR	3.22.2011	Dix Hills	0														
NYS 231 at Straight Path (CR 2)	3.24.2011	Dix Hills	0														
NYS 25 at CR 97 (Nicolls Road)	3.29.2011	Centereach	5			2								3	5		
Straigh Path (CR 2) at NYS 27	4.1.2011	Lindhurst	3			1							1	1	1	2	
NYS 27 at North Delaware Ave.	4.5.2011	North Lindhurst	2			2										2	
NYS 110 at Conklin	4.5.2011	Farmingdale	8		1	4								3	7	1	
NYS 27 at Monroe Avenue	4.5.2011	North Lindhurst	1									1				1	

N/A - Insufficient Data for Reporting Purposes (less than 30 days)