

**Red Light
Safety
Program**

**Suffolk County
New York**



SUFFOLK COUNTY

RED LIGHT SAFETY PROGRAM

2012 CALENDAR YEAR
ANNUAL REPORT



*SUFFOLK STOPS ON **RED***

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REPORT PREPARED BY:

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

ISSUED:

July, 2013

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 in Suffolk County.

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 third annual report, which will reflect citation data for the calendar year 2012.

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, 2012 and December 31, 2012, the following 100 cameras were recording red light violations, listed in the order of date operational:

SUFFOLK COUNTY RED LIGHT CAMERA LOCATIONS OPERATIONAL - 2012						
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

Phase 1 of Suffolk County's Red Light Camera program consists of fifty 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 1, 2009 to December 31, 2012. The reports received were from the NYSDMV Accident Location Information System (ALIS) and included Accident Verbal Description Reports (VDR) from May 1, 2009 to December 31, 2012. Data was summarized by location, for one year prior to the camera recording date and then post camera activation through December 31, 2012. NYSDOT has authorized Suffolk County to expand the Red Light Camera program to an additional 50 intersections in 2013.

Methodology

The analyzed data provided to us by NYSDOT is the most current data available from the NYSDMV as of September 26, 2013. 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. A percent reduction table was also prepared, which depicts the number of accidents per location for one year prior to the camera recording date, as well as the number of reported accidents after camera activation until December 31, 2012 (most current accident data available from NYS). In order to perform a direct comparison, the post camera recording data was also formulated to show the average number of accidents per year.

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 twelve 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 fifty intersections will represent a different twelve month period.

The post-construction red light camera analysis included examining all the accident data from the start date of recording violations through December 31, 2012 (most recent data available) for each camera. This, like the pre-construction accident data, will have a different date range and time period for each location.

The Yearly Summary table presents an evaluation of the one year pre-construction data versus an annualized post accident data. The operational time for the red light cameras range from approximately eighteen months to thirty-six months. The post activation accidents were tabulated to produce a yearly average for direct comparison to the year of pre-activation data. Only total, right angle and rear end

accidents were compared in this manner as these are the types of accidents that are most relevant to Red Light Camera programs.

Findings

All of the cameras were operational for a period of at least eighteen months with the maximum operational time for any camera being approximately thirty-six months. Based on the data and accident trends depicted in the Yearly Summary Table, the red light camera violation system has reduced total accidents by 1.7%. Right angle accidents were reduced by 27.8%, while rear end accidents increase by 19.6%. The data also reflects an overall decrease in accidents involving injury by 10.4%. The analyzed data provided to us by NYSDOT is the most current data available as of September 26, 2013. Based on the data provided, it can be concluded that the red light camera violation system has aided in both the reduction of total accidents as well as the injuries sustained at red light camera enforced intersections.

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 2012.

SUFFOLK COUNTY RED LIGHT CITATIONS RECORDED AND ISSUED IN 2012 BY INTERSECTION

	Location Code	Enforcement Street	Cross Street	Direction	Hamlet	2012 Intersection Recorded	2012 Intersection Issued																																																																																																																																																																																								
1	12	CR 67 (Motor Parkway)	I495N (Exit 57)	SB	Hauppauge	26,059	1,611																																																																																																																																																																																								
	14	I495N (Exit 57)	CR 67 (Motor Parkway)	WB				2	52	CR 4 (Commack Rd)	I495N	SB	Commack	36,209	8,067	54	I495N	CR4 (Commack Rd)	WB	3	491	CR 4 (Commack Rd)	I495S	NB	Commack	93,042	10,360	493	I495S	CR 4 (Commack Rd)	EB	4	72	CR 112 (Johnson Ave)	NY27N	SB	Sayville	67,408	4,613	74	NY27N	CR112 (Johnson Ave)	WB	5	93	NY25	Pidgeon Hill Rd	EB	South Huntington	23,085	4,991	94	NY25	Pidgeon Hill Rd	WB	6	101	CR 93 (Ocean Ave)	I495S	NB	Ronkonkoma	116,714	12,808	103	I495S	CR 93 (Ocean Ave)	EB	7	112	Ronkonkoma Ave	I495N	SB	Ronkonkoma	86,916	8,531	114	I495N	Ronkonkoma Ave	WB	8	123	NY25	Eastwood Blvd	EB	Centereach	22,839	3,640	124	NY25	Eastwood Blvd	WB	9	142	Old Nichols Rd	I495N	SB	Ronkonkoma	55,876	3,622	144	I495N	Old Nichols Rd	WB	10	151	NY111	I495S	NB	Hauppauge	121,087	12,060	153	I495S	NY111	EB	11	161	CR 97 (Nicolls Rd)	NY347	NB	Lake Grove	11,152	465	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	12,352	2,117	174	NY25	Boyle Rd	WB	13	182	CR 93 (Ocean Ave)	I495N	SB	Ronkonkoma	138,522	5,044	184	I495N	CR 93 (Ocean Ave)	WB	14	211	CR 67 (Motor Pkwy)	I495S (Exit 57)	NB	Islandia	31,048	3,908	213	I495S (Exit 57)	CR 67 (Motor Pkwy)	EB	15	221	CR 28 (New Hwy)	NY109	NB	North Lindenhurst	45,900	3,012	223	NY109	CR 28 (New Hwy)	EB	224	NY109	CR 28 (New Hwy)	WB	16	252	CR 93 (Lakeland)	NY27S NSR
2	52	CR 4 (Commack Rd)	I495N	SB	Commack	36,209	8,067																																																																																																																																																																																								
	54	I495N	CR4 (Commack Rd)	WB				3	491	CR 4 (Commack Rd)	I495S	NB	Commack	93,042	10,360	493	I495S	CR 4 (Commack Rd)	EB	4	72	CR 112 (Johnson Ave)	NY27N	SB	Sayville	67,408	4,613	74	NY27N	CR112 (Johnson Ave)	WB	5	93	NY25	Pidgeon Hill Rd	EB	South Huntington	23,085	4,991	94	NY25	Pidgeon Hill Rd	WB	6	101	CR 93 (Ocean Ave)	I495S	NB	Ronkonkoma	116,714	12,808	103	I495S	CR 93 (Ocean Ave)	EB	7	112	Ronkonkoma Ave	I495N	SB	Ronkonkoma	86,916	8,531	114	I495N	Ronkonkoma Ave	WB	8	123	NY25	Eastwood Blvd	EB	Centereach	22,839	3,640	124	NY25	Eastwood Blvd	WB	9	142	Old Nichols Rd	I495N	SB	Ronkonkoma	55,876	3,622	144	I495N	Old Nichols Rd	WB	10	151	NY111	I495S	NB	Hauppauge	121,087	12,060	153	I495S	NY111	EB	11	161	CR 97 (Nicolls Rd)	NY347	NB	Lake Grove	11,152	465	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	12,352	2,117	174	NY25	Boyle Rd	WB	13	182	CR 93 (Ocean Ave)	I495N	SB	Ronkonkoma	138,522	5,044	184	I495N	CR 93 (Ocean Ave)	WB	14	211	CR 67 (Motor Pkwy)	I495S (Exit 57)	NB	Islandia	31,048	3,908	213	I495S (Exit 57)	CR 67 (Motor Pkwy)	EB	15	221	CR 28 (New Hwy)	NY109	NB	North Lindenhurst	45,900	3,012		223	NY109	CR 28 (New Hwy)	EB				224	NY109	CR 28 (New Hwy)	WB	16	252	CR 93 (Lakeland)	NY27S NSR	SB	Bohemia	12,473	948
3	491	CR 4 (Commack Rd)	I495S	NB	Commack	93,042	10,360																																																																																																																																																																																								
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	94	NY25	Pidgeon Hill Rd	WB				6	101	CR 93 (Ocean Ave)	I495S	NB	Ronkonkoma	116,714	12,808	103	I495S	CR 93 (Ocean Ave)	EB	7	112	Ronkonkoma Ave	I495N	SB	Ronkonkoma	86,916	8,531	114	I495N	Ronkonkoma Ave	WB	8	123	NY25	Eastwood Blvd	EB	Centereach	22,839	3,640	124	NY25	Eastwood Blvd	WB	9	142	Old Nichols Rd	I495N	SB	Ronkonkoma	55,876	3,622	144	I495N	Old Nichols Rd	WB	10	151	NY111	I495S	NB	Hauppauge	121,087	12,060	153	I495S	NY111	EB	11	161	CR 97 (Nicolls Rd)	NY347	NB	Lake Grove	11,152	465	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	12,352	2,117	174	NY25	Boyle Rd	WB	13	182	CR 93 (Ocean Ave)	I495N	SB	Ronkonkoma	138,522	5,044	184	I495N	CR 93 (Ocean Ave)	WB	14	211	CR 67 (Motor Pkwy)	I495S (Exit 57)	NB	Islandia	31,048	3,908	213	I495S (Exit 57)	CR 67 (Motor Pkwy)	EB	15	221	CR 28 (New Hwy)	NY109	NB	North Lindenhurst	45,900	3,012	223	NY109	CR 28 (New Hwy)	EB		224	NY109	CR 28 (New Hwy)	WB				16	252	CR 93 (Lakeland)	NY27S NSR	SB	Bohemia	12,473	948																																				
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16	252	CR 93 (Lakeland)	NY27S NSR	SB	Bohemia	12,473	948																																																																																																																																																																																								

	Location Code	Enforcement Street	Cross Street	Direction	Hamlet	2012 Intersection Recorded	2012 Intersection Issued
17	301	CR 83	NY25	NB	Selden	25,169	1,555
	302	CR 83	NY25	SB			
	303	NY25	CR 83	EB			
	304	NY25	CR 83	WB			
18	343	NY25	Holbrook Rd	EB	Centereach	45,948	4,117
	344	NY25	Holbrook Rd	WB			
19	391	NY110	CR 47 (Great Neck Rd)	NB	Farmingdale	36,328	5,538
	392	NY110	CR 47 (Great Neck Rd)	SB			
	394	CR 47 (Great Neck Rd)	NY110	WB			
20	412	NY111	I495N	SB	Hauppauge	88,527	8,590
	414	I495N	NY111	WB			
21	422	NY112	NY27N	SB	East Patchogue	94,139	4,910
	424	NY27N	NY112	WB			
22	571	NY112	NY27S	NB	East Patchogue	55,179	2,521
	573	NY27S	NY112	EB			
23	431	CR 4 (Commack Rd)	NY25	NB	Commack	93,409	12,653
	434	NY25	CR 4 (Commack Rd)	WB			
24	443	NY25	Marshall Dr/Paula Blvd	EB	North Selden	9,057	2,340
	444	NY25	Marshall Dr/Paula Blvd	WB			
25	451	CR 112 (Johnson Ave)	NY27S	NB	Sayville	56,484	1,617
	453	NY27S	CR 112 (Johnson Ave)	WB			
26	471	NY454	CR 67 (Motor Pkwy)	NB	Islandia	33,276	718
	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	7,416	722
	513	CR 16 (Horseblock Rd)	NY112	EB			
28	561	CR 2 (Straight Path)	NY27	NB	Lindenhurst	77,507	7,233
	563	NY27	CR 2 (Straight Path)	EB			
29	583	NY347	Old Town Rd	EB	Port Jefferson Station	44,781	6,579
	584	NY347	Old Town Rd	WB			
30	593	NY 25	Larkfield Rd	EB	Elwood	28,632	1,201
	594	NY 25	Larkfield Rd	WB			
31	602	NY110	Conklin St	SB	Farmingdale	59,523	11,423
32	611	NY110	NY25	NB	South Huntington	62,247	12,514
	614	NY25	NY110	WB			
33	621	NY454	CR 100 (Suffolk Ave)	NB	Islandia	51,030	7,150
	622	NY454	CR 100 (Suffolk Ave)	SB			
34	633	NY25	NY112	EB	Coram	26,742	2,010
35	643	NY454	Old Willets Path	EB	Hauppauge	37,332	317
36	653	NY25A	CR 21 (Rocky Point -Yaphank Rd)	EB	Rocky Point	16,243	2,342
	654	NY25A	CR 21 (Rocky Point -Yaphank Rd)	WB			
37	674	NY25A	CR 97	WB	Centereach	11,674	1,482

	Location Code	Enforcement Street	Cross Street	Direction	Hamlet	2012 Intersection Recorded	2012 Intersection Issued
38	721	NY112	CR 99 (Woodside Ave)	NB	South Medford	122,848	6,260
	722	NY112	CR 99 (Woodside Ave)	SB			
39	731	NY112	I495 (LIE SSR)	NB	Medford	29,623	1,821
	733	I495 (LIE SSR)	NY112	EB			
40	742	NY112	I495N	SB	Medford	18,491	2,184
	744	I495N	NY112	WB			
41	803	NY454	CR 112 (Johnson Ave)	EB	Bohemia	14,421	432
	804	NY454	CR 112 (Johnson Ave)	WB			
42	813	NY454	CR 18 (Broadway)	EB	South Holbrook	53,420	4,978
	814	NY454	CR 18 (Broadway)	WB			
43	822	NY347	NY25	SB	St. James	3,634	1,117
	824	NY25	NY347	WB			
44	833	NY347	Stonybrook Rd	EB	South Stony Brook	5,841	835
	834	NY347	Stonybrook Rd	WB			
45	843	NY347	Mark Tree Rd	EB	East Setauket	35,214	1,858
	844	NY347	Mark Tree Rd	WB			
46	963	NY27	N. Delaware Ave	EB	North Lindenhurst	5,988	888
	964	NY27	N. Delaware Ave	WB			
47	973	NY27	N. Monroe Ave	EB	North Lindenhurst	5,476	682
	974	NY27	N. Monroe Ave	WB			
48	1043	LIE SSR	NY231 (Deer Park Ave)	EB	Dix Hills	40,038	2,735
49	1052	NY231 (Deer Park Ave)	LIE NSR	SB	Dix Hills	37,641	1,214
50	1111	NY231 (Deer Park Ave)	CR2 (Straight Path)	NB	Dix Hills	15,465	315

In summary, the total numbers of citations recorded and issued in 2012 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
2012 Recorded	2,249,425	61.63	432.58	1,874.52
2012 Issued	208,648	5.72	40.12	173.87

IV. RED LIGHT CAMERA FINES PAID

A total of 154,855 fines were paid after the first notice of liability in 2012. 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 \$7,742,750 in gross fine revenues was 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 2012, there were 68 Hearing Dates scheduled. There were 62 hearing dates adjudicated by Judicial Hearing Officers and 6 adjudicated by Judges. On average, 23% of the defendants scheduled on a given date appeared. 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 - 2012								
	# Defendants Scheduled	Total Trials Held	Found Guilty at Trial	Found Not Guilty at Trial	Pled Guilty	Adjourned	Fine Paid on or before Court Date	Default Judgments Ordered
TOTAL	6,444	1506	1263	206	37	413	2596	1838
% of TOTAL	3%	23%	84%	14%	2%	27%	40%	29%

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 2012, **3%** of individuals receiving red light citations requested court hearings and **0.72%** resulted in an actual trial. **40%** of those scheduled for court hearings pay the fine prior to court. A very small percentage of defendants (**0.01%**) have been found not-guilty in District Court.
- District Court provided an extraordinary high level of access for those wishing to protest their red light camera citations. The Court allowed multiple motions to reschedule hearings, assuring everyone that wants to be heard in Court had 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 2012, a total of \$9,762,721.81 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 2012, paid in 2013 and accrued back to 2012 and also subtracts revenues collected in 2012 but reported for 2011 based on standard accounting principles.

In 2012, the County's red light camera vendor was paid a total of \$ 5,298,257.60 for red light program related activities.

ACCIDENT STATISTICS



Suffolk County Red Light Camera Accident Analysis
 YEARLY SUMMARY

Intersection Information				Total			Right Angle Accidents			Rear End Accidents			Accidents Involving Injury		
Intersection	Start Date for Recording Violations	Municipality	Length of Time Recording Violations Through December 31, 2012 (Years)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)
LIE 495 SSR at Ocean Ave.	07.15.2010	Ronkonkoma	2.47	8	21	9	1	6	2.4	4	8	3.2	4	8	3.2
NY 454 at CR 100 (Suffolk Ave.)	08.18.2010	Ronkonkoma	2.37	13	46	19	0	5	2.1	6	20	8.4	9	21	8.9
LIE 495 NSR at Ronkonkoma Ave	08.18.2010	Ronkonkoma	2.37	9	18	8	4	7	3.0	3	6	2.5	5	12	5.1
NY 454 at CR 67(Motor Parkway)	08.23.2010	Hauppauge	2.36	11	31	13	2	5	2.1	3	11	4.7	5	12	5.1
CR 67 (Motor Pkwy) at LIE NSR (Exit 57)	09.21.2010	Hauppauge	2.28	2	8	4	0	4	1.8	2	1	0.4	1	5	2.2
NYS 27 NSR at NYS 112	09.30.2010	Bohemia	2.25	7	12	5	2	2	0.9	2	7	3.1	6	8	3.5
NY27N at CR112 Johnson Ave	10.12.2010	Bohemia	2.22	9	4	2	2	0	0.0	3	2	0.9	4	2	0.9
NYS 25 at Holbrook Road	10.18.2010	Centereach	2.21	9	26	12	0	2	0.9	2	8	3.6	3	7	3.2
LIE 495 NSR at Ocean Ave	10.19.2010	Patchogue	2.20	20	12	5	6	2	0.9	7	7	3.2	9	5	2.3
NYS 27 SSR at CR 112 (Johnson Ave.)	10.19.2010	Bohemia	2.20	3	0	0	1	0	0.0	1	0	0.0	2	0	0.0
Old Nichols Rd at LIE NSR	10.19.2010	Islandia	2.20	15	19	9	6	6	2.7	3	4	1.8	7	12	5.4
NYS 25 at Eastwood Boulevard	10.22.2010	Centereach	2.19	12	20	9	1	2	0.9	6	12	5.5	3	9	4.1
NYS 25 (Jericho Tmpk) at Pidgeon Hill	10.22.2010	Huntington	2.19	12	19	9	3	1	0.5	3	9	4.1	4	6	2.7
NYS 112 at LIE 495 SSR	11.10.2010	Medford	2.14	6	9	4	1	1	0.5	4	6	2.8	3	7	3.3
LIE 495 NSR. at CR 4 (Commack Road)	11.13.2010	Commack	2.13	24	62	29	3	7	3.3	2	17	8.0	9	17	8.0
Nicholls Road (CR 97) at NYS 347	11.16.2010	Setauket	2.13	37	86	40	2	3	1.4	18	60	28.2	22	34	16.0
NY 111 (Wheeler Rd) at LIE 495 SSR	11.18.2010	Hauppauge	2.12	5	21	10	0	2	0.9	4	10	4.7	2	12	5.7
NYS 25 at Marshall Drive /Paula Blvd	12.06.2010	Selden	2.07	17	29	14	3	5	2.4	5	13	6.3	9	12	5.8
NYS 25 at CR 83	12.07.2010	Selden	2.07	24	60	29	1	8	3.9	18	31	15.0	10	31	15.0
NYS 25 at Boyle Road	12.08.2010	Selden	2.07	24	27	13	4	4	1.9	11	12	5.8	14	14	6.8
NYS 112 at LIE 495 NSR	12.08.2010	Medford	2.07	2	9	4	1	1	0.5	1	4	1.9	1	4	1.9
CR 67 (Motor Pkwy) at LIE SSR (Exit 57)	12.16.2010	Hauppauge	2.04	8	5	2	0	1	0.5	5	2	1.0	3	2	1.0
CR 47 (Great East Neck Road) at NYS 110	12.17.2010	N. Amityville	2.04	14	29	14	1	0	0.0	6	14	6.9	6	13	6.4
NYS 347 at Stonybrook Road	12.18.2010	Stony Brook	2.04	29	64	31	5	8	3.9	14	31	15.2	12	24	11.8
NYS 347 at NYS 25	12.21.2010	Lake Grove	2.03	22	26	13	1	1	0.5	8	19	9.4	5	10	4.9
NYS 109 at CR 28, New Hwy	12.22.2010	Lindenhurst	2.03	18	31	15	3	1	0.5	6	15	7.4	5	13	6.4
NYS 347 at Marktree Road	1.11.2011	East Setauket	1.97	18	37	19	1	0	0.0	9	29	14.7	5	10	5.1
CR 4 (Commack Road) at NYS 25	1.17.2011	Commack	1.96	22	54	28	3	2	1.0	8	27	13.8	8	10	5.1
NYS 454 at CR 112 (Johnson Avenue)	1.18.2011	Bohemia	1.95	16	23	12	1	2	1.0	11	15	7.7	7	9	4.6
NYS 112 at CR 16 (Horseblock Road)	1.19.2011	Medford	1.95	26	68	35	2	7	3.6	10	26	13.3	16	32	16.4
NY 347 at Old Town Road	1.25.2011	Port Jefferson Stat.	1.93	28	53	27	3	3	1.6	14	36	18.6	13	17	8.8

ACCIDENT STATISTICS



**Suffolk County Red Light Camera Accident Analysis
 YEARLY SUMMARY**

Intersection Information				Total			Right Angle Accidents			Rear End Accidents			Accidents Involving Injury		
Intersection	Start Date for Recording Violations	Municipality	Length of Time Recording Violations Through December 31, 2012 (Years)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)	Number of Reported Accidents (1 Year Prior to Recording Violations Date)	Number of Reported Accidents (After Initial Recording Violations Date)	Yearly Average of Reported Accidents (After Initial Recordings Violation Date)
NYS 112 @ NYS 27 SSR	2.2.2011	Patchogue	1.91	2	5	3	1	0	0.0	1	4	2.1	1	3	1.6
NYS 25 at Larkfield Road	2.4.2011	Elwood	1.91	19	32	17	3	3	1.6	4	12	6.3	3	7	3.7
NYS 112 at CR 99 (Woodside Avenue)	2.9.2011	Medford	1.89	9	18	10	0	2	1.1	4	5	2.6	4	9	4.8
NYS 25 at NY 110	2.11.2011	South Huntington	1.89	5	19	10	0	1	0.5	2	8	4.2	2	7	3.7
NYS 25A at CR 21 (Rocky Point-Yaphank Rd)	2.14.2011	Rocky Point	1.88	19	27	14	2	8	4.3	5	8	4.3	10	11	5.9
NYS 25 at NYS 112	2.22.2011	Coram	1.86	7	9	5	1	0	0.0	0	4	2.2	1	6	3.2
NYS 111 at LIE 495 NSR	3.9.2011	Hauppauge	1.82	21	24	13	4	6	3.3	5	8	4.4	10	14	7.7
NYS 454 at Broadway	3.17.2011	Holbrook	1.79	13	22	12	3	3	1.7	5	10	5.6	10	9	5.0
Commack Road (CR 4) at LIE 495 SSR	3.18.2011	East Half Hallow Hill	1.79	14	37	21	1	3	1.7	4	10	5.6	3	15	8.4
LIE 495 SSR at Deer Park Ave. (NYS 231)	3.22.2011	Dix Hills	1.78	10	16	9	5	0	0.0	1	8	4.5	6	5	2.8
CR 93 (Lakeland Ave.) at NYS 27 NSR	3.22.2011	Bohemia	1.78	12	12	7	1	1	0.6	6	3	1.7	6	3	1.7
NYS 454 at Old Willets	3.22.2011	Hauppauge	1.78	14	15	8	1	1	0.6	9	13	7.3	6	7	3.9
NYS 231 @ LIE 495 NSR	3.22.2011	Dix Hills	1.78	12	27	15	2	0	0.0	4	15	8.4	4	7	3.9
NYS 231 at Straight Path (CR 2)	3.24.2011	Dix Hills	1.78	1	5	3	0	0	0.0	1	1	0.6	0	2	1.1
NYS 25 at CR 97 (Nicolls Road)	3.29.2011	Centereach	1.76	9	5	3	0	0	0.0	8	5	2.8	5	1	0.6
Straigh Path (CR 2) at NYS 27	4.1.2011	Lindenhurst	1.75	12	43	25	3	2	1.1	3	22	12.5	8	27	15.4
NYS 27 at North Delaware Ave.	4.5.2011	North Lindenhurst	1.74	8	23	13	1	2	1.1	5	13	7.5	4	13	7.5
NYS 110 at Conklin	4.5.2011	Farmingdale	1.74	12	45	26	0	4	2.3	6	29	16.6	6	14	8.0
NYS 27 at Monroe Avenue	4.5.2011	North Lindenhurst	1.74	6	13	7	1	2	1.1	0	7	4.0	3	7	4.0
TOTALS:				675	1326	664	92	136	66	272	647	325	304	545	272
Reduction in Projected Accidents:				Overall Reduction 1.7%			Right Angle Reduction 27.8%			Rear End Reduction -19.6%			Injury Reduction 10.4%		