

**Roosevelt Rd and Harrison St
<Westbound>**

Hillside, IL

RLR 3 Year Follow-Up

Evaluation Report

Reference No: 016-47237
May 2022

JOSEPH M. LUKASZEK
CHIEF OF POLICE

Phone: 708/449-8851

Fax: 708/449-9088



Department of Police
Village of Hillside
425 Hillside Avenue

Emergency 9-1-1
Non-Emergency 708/449-6133
Records 708/202-4322
Records Fax: 708/202-4319
Detective/Juvenile 708/449-8850
Administration 708/449-8851

May 18, 2022

To: Thomas G. Gallenbach, P.E.
Area Permit Engineer
Illinois Department of Transportation
Bureau of Traffic
201 West Center Court Schaumburg, Illinois 60196-1096

Re: RLR 3 Year Follow-Up Evaluation Report
Roosevelt Rd and Harrison St (Westbound)
Village of Hillside
Ref#:016-47237

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersections of Roosevelt R and Harrison St (Westbound), Hillside, Illinois

. In this submittal, included are: RLR Camera Location, Implementation Date, System Manufacturer and Contractors, RLR Crash Data and Analysis, Traffic Volume History, Summary of Adjudication, and Summary section.

If you have any questions with regard to this submittal or require any additional information, please feel free to contact us at 708-449-8851, Jlukaszek@hillside-il.org.

Best Regards,

A handwritten signature in black ink, appearing to read "Joseph M. Lukaszek", is written over a horizontal line.

On behalf of the Village of Hillside

Joseph Lukaszek
Chief of Police

3 Year Evaluation Checklist

RLR FOLLOW-UP EVALUATION REPORT CHECKLIST

Reference Number:			Date:
Location:			Firm:
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intersection location and RLR camera approaches identified
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Date of RLR camera implementation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RLR camera system manufacturer and contractor name
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Crash data including 3 years prior to RLR camera installation with post period crash data
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Analysis of crash data
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signal timing changes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic volumes before and after RLR cameras
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recommendations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Summary of adjudication experience and results

Table of Contents

1. RLR Camera Location, Live Date,
System Manufacturer and Contractors
2. RLR Crash Data and Analysis
3. Traffic Volume
4. Summary of Adjudication
5. Report Summary and Recommendation



1. RLR Camera Location, Live Date, System Manufacturer and Contractor

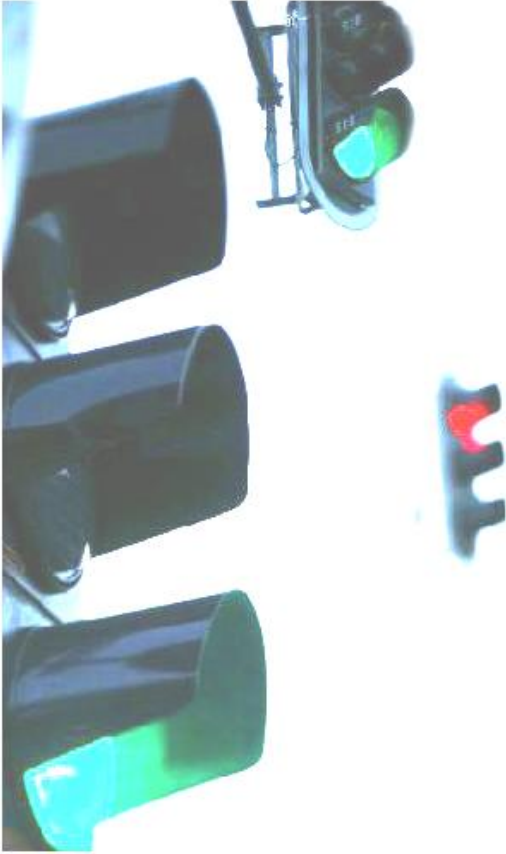
In 2010, the **Village of Hillside** received approval from the Illinois Department of Transportation (IDOT) to install a Red Light Running (RLR) camera on the **Westbound** approach at the intersection of **Roosevelt Rd and Harrison St.**

- Date on which the camera went live on the Westbound approach: **04/2011**
- Year in which the 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **2016**
- Year in which the 2nd 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **2019**

No changes were made to the traffic signal timing or any other settings pertaining to operation of traffic signals at this intersection following the camera installation.

Below are the RLR camera system manufacturer and contractor information.

<p>RLR Camera System Manufacturer</p> <p>SafeSpeed, LLC 150 North Wacker Drive Floor 8 Chicago, IL 60606</p> <p>Phone: (877) 237-2331 Fax: (877) 237-2302 Email: info@safespeedllc.com Web: safespeedllc.com</p> <p>Key Contact: Ryan Kim Phone: (312) 924-7248 Email: rkim@safespeedllc.com</p>	<p>Electrical Contractor</p> <p>Meade Electric Company 625 Willowbrook Center Parkway Willowbrook, IL 60527</p> <p>Phone: (708) 588-2500 Fax: (708) 588-2501 Email: info@meadeelectric.com Web: meadeelectric.com</p> <p>Key Contact: Mr. Michael Knutson Phone: (708) 588-2500 Email: mkk@meade100.com</p>
---	---



2. RLR Crash Data and Analysis

The table below shows a summary of motor vehicle crashes at the intersection of **Roosevelt Rd and Harrison St** over a span of 15 years*.

	Angle	Turning	Rear End	Other Non-Collision	Sideswipe	Fixed Object	Total
2006	0	2	5	0	0	0	7
2007	0	4	4	0	0	0	8
2008	0	1	1	0	0	0	2
2009	0	1	1	0	0	0	2
2010	0	4	2	0	0	0	6
2011	0	4	4	0	0	0	8
2012	0	1	2	0	0	1	4
2013	0	2	1	0	0	0	3
2014	0	1	1	0	0	0	2
2015	2	7	3	0	0	0	12
2016	0	2	3	0	0	0	5
2017	1	4	3	1	0	0	9
2018	0	2	4	0	2	0	8
2019	0	3	4	0	0	0	7
2020	0	1	1	0	0	0	2

The data from 2006**-2010 shows the period prior to the installation of the RLR camera.

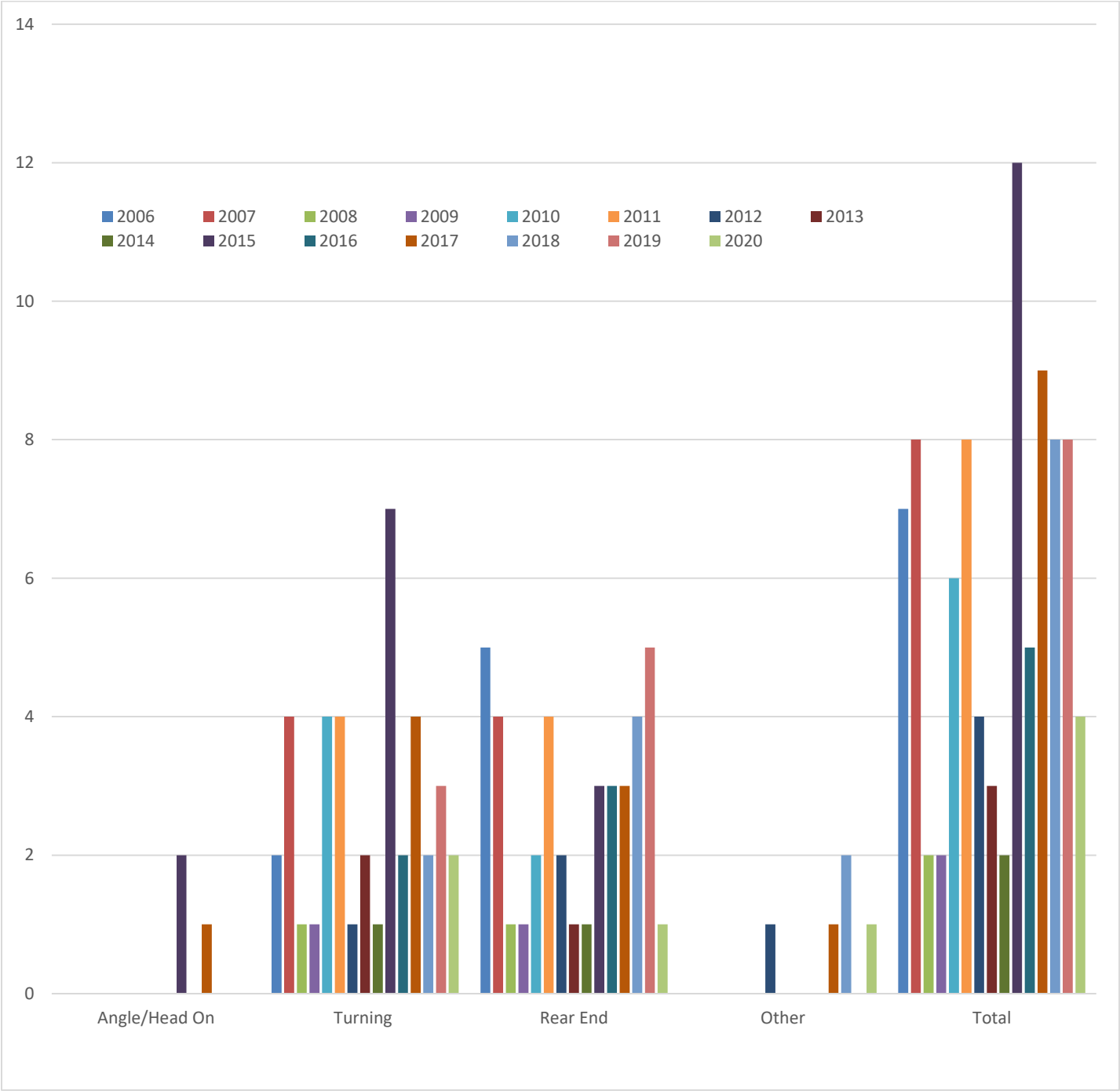
The data from 2011 shows the year in which the camera was installed.

The data from 2012-2020 shows the period following the installation.

* DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation. Any conclusions drawn from analysis of the aforementioned data are the sole responsibility of the data recipient(s). Additionally, for coding years 2015 to present, the Bureau of Data Collection uses the exact latitude/longitude supplied by the investigating law enforcement agency to locate crashes. Therefore, location data may vary in previous years since data prior to 2015 was physically located by bureau personnel.

** Please note that the law regarding the crash reporting threshold for Property Damage Only crashes was amended effective January 1, 2009, to the following: When all drivers involved in a crash are insured, the amount of damage to the property of any one person that must be reported increased from \$500 to \$1,500. If any driver does not have insurance, the threshold remains at \$500. This change in law precludes comparison of 2009 and later Property Damage Only crashes and Total crashes with such crashes for previous years. The change did NOT affect the reporting of injury or fatal crashes.

The Chart below shows the trend of each crash type from 2006-2020.



	Year \ Type	Angle	Turning	Rear End	Other	Total
Before Installation	2006	0	2	5	0	7
	2007	0	4	4	0	8
	2008	0	1	1	0	2
	2009	0	1	1	0	2
	2010	0	4	2	0	6
After Installation	2011	0	4	4	0	8
	2012	0	1	2	1	4
	2013	0	2	1	0	3
	2014	0	1	1	0	2
	2015	2	7	3	0	12
	2016	0	2	3	0	5
	2017	1	4	3	1	9
	2018	0	2	4	2	8
	2019	0	3	4	0	7
	2020	0	1	1	0	2

* Other crashes include: Other Non-Collision, Sideswipe and Fixed Object.

From 2006-2010, prior to RLR camera installation, there were 25 total crashes; this averages out to 5 crashes a year.

From 2012-2020, post RLR camera installation, there were 52 total crashes; this averages out to 5.78 crashes per year.

The following pages contain crash data summary pages from 2006-2020. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.



Collision Diagram

1/1/2006 to 12/31/2006

Crash Route: IL038 | From MileStation 87.29 to 87.29 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

VUVOŠ ÔÛÆÛPÔÛ	ØØVØŠ ÔÛÆÛPÔÛ	ØRΛVŸ ÔÛÆÛPÔÛ	ÛÛÛÛÔÛVŸ ØØØ ØØØ ÔÛÆÛPÔÛ	VUVOŠ SØSØØ	VUVOŠ ØRΛVØØ	A INJURIES	B INJURIES	C INJURIES
7	0	1	6	0	1	0	0	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	2	28.6%	Thursday	1	14.3%	5 PM	3	42.9%	Passenger	11	78.6%
11-Rear end	5	71.4%	Friday	1	14.3%	08 AM	1	14.3%	Sport utility vehicle (SUV)	2	14.3%
TOTAL:	7		Tuesday	1	14.3%	6 PM	1	14.3%	Van/mini van	1	7.1%
			Wednesday	4	57.1%	7 PM	1	14.3%	TOTAL:	14	
			TOTAL:	7		3 PM	1	14.3%			
						TOTAL:	7				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Rain	2	28.6%	Daylight	5	71.4%	Wet	2	28.6%	East	3	21.4%
Clear	4	57.1%	Darkness, lighted road	2	28.6%	Dry	4	57.1%	North	3	21.4%
Unknown	1	14.3%	TOTAL:	7		Unknown	1	14.3%	South	4	28.6%
TOTAL:	7					TOTAL:	7		West	4	28.6%
									TOTAL:	14	



Collision Diagram

1/1/2007 to 12/31/2007

Crash Route: IL038 | From MileStation 87.29 to 87.29 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

VUVOS ÔÛÆÛPÔÛ	ØØVOS ÔÛÆÛPÔÛ	ØRUVÛ ÔÛÆÛPÔÛ	ÛÛÛÛÛÛÛÛ ÔØØ ØØØ ÔÛÆÛPÔÛ	VUVOS SØSØØ	VUVOS ØRUVØØ	A INJURIES	B INJURIES	C INJURIES
8	0	2	6	0	3	0	2	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
11-Rear end	4	50.0%	Tuesday	2	25.0%	Noon	2	25.0%	Passenger	11	64.7%
10-Turning	4	50.0%	Sunday	1	12.5%	09 AM	1	12.5%	Sport utility vehicle (SUV)	6	35.3%
TOTAL:	8		Saturday	1	12.5%	3 PM	2	25.0%	TOTAL:	17	
			Friday	2	25.0%	1 PM	1	12.5%			
			Wednesday	1	12.5%	10 AM	1	12.5%			
			Monday	1	12.5%	5 PM	1	12.5%			
			TOTAL:	8		TOTAL:	8				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	100.0%	Daylight	7	87.5%	Dry	7	87.5%	East	5	29.4%
TOTAL:	8		Darkness, lighted road	1	12.5%	Wet	1	12.5%	North	3	17.6%
			TOTAL:	8		TOTAL:	8		South	5	29.4%
									Unknown	1	5.9%
									West	3	17.6%
									TOTAL:	17	



Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

VUVOS ÔÛÆÛPÔÛ	ØØVOS ÔÛÆÛPÔÛ	ØRUVÛ ÔÛÆÛPÔÛ	ÛÛÛÛÛÛÛÛ ÔØØ ØØØ ÔÛÆÛPÔÛ	VUVOS SØSØØ	VUVOS ØRUVØØ	A INJURIES	B INJURIES	C INJURIES
2	0	0	2	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
11-Rear end	1	50.0%	Friday	1	50.0%	07 AM	1	50.0%	Passenger	2	50.0%
10-Turning	1	50.0%	Thursday	1	50.0%	09 AM	1	50.0%	Pickup	1	25.0%
TOTAL:	2		TOTAL:	2		TOTAL:	2		Van/mini van	1	25.0%
									TOTAL:	4	
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	2	100.0%	Daylight	2	100.0%	Dry	2	100.0%	South	2	50.0%
TOTAL:	2		TOTAL:	2		TOTAL:	2		West	2	50.0%
									TOTAL:	4	



Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
2	0	0	0	0	2	0	0	0	0	0

<i>Type of Crash</i>	<i>Total</i>	<i>%</i>	<i>Day of Wk</i>	<i>Total</i>	<i>%</i>	<i>Hour of Day</i>	<i>Total</i>	<i>%</i>	<i>Vehicle Type</i>	<i>Total</i>	<i>%</i>
10-Turning	1	50.0%	Tuesday	1	50.0%	09 AM	1	50.0%	Passenger	3	75.0%
11-Rear end	1	50.0%	Friday	1	50.0%	2 PM	1	50.0%	Sport utility vehicle (SUV)	1	25.0%
TOTAL:	2		TOTAL:	2		TOTAL:	2		TOTAL:	4	

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	1	50.0%	Daylight	2	100.0%	Dry	1	50.0%	South	2	50.0%
Snow	1	50.0%	TOTAL:	2		Ice	1	50.0%	West	2	50.0%
TOTAL:	2					TOTAL:	2		TOTAL:	4	



Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
6	0	1	1	0	4	0	4	1	2	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	4	66.7%	Monday	3	50.0%	08 AM	1	16.7%	Motorcycle (over 150cc)	1	8.3%
11-Rear end	2	33.3%	Tuesday	2	33.3%	4 PM	2	33.3%	Passenger	8	66.7%
TOTAL:	6		Thursday	1	16.7%	5 PM	1	16.7%	Sport utility vehicle (SUV)	2	16.7%
			TOTAL:	6		6 PM	2	33.3%	Van/mini van	1	8.3%
						TOTAL:	6		TOTAL:	12	
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	100.0%	Daylight	6	100.0%	Dry	6	100.0%	East	6	50.0%
TOTAL:	6		TOTAL:	6		TOTAL:	6		South	4	33.3%
									West	2	16.7%
									TOTAL:	12	



Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
8	0	0	0	0	8	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	4	50.0%	Tuesday	2	25.0%	Midnight	1	12.5%	Passenger	13	76.5%
11-Rear end	4	50.0%	Wednesday	1	12.5%	03 AM	1	12.5%	Sport utility vehicle (SUV)	1	5.9%
TOTAL:	8		Thursday	2	25.0%	07 AM	2	25.0%	Unknown/NA	1	5.9%
			Friday	2	25.0%	10 AM	1	12.5%	Van/mini van	2	11.8%
			Sunday	1	12.5%	11 AM	1	12.5%	TOTAL:	17	
			TOTAL:	8		5 PM	1	12.5%			
						7 PM	1	12.5%			
						TOTAL:	8				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	75.0%	Darkness	1	12.5%	Dry	6	75.0%	East	8	47.1%
Rain	1	12.5%	Darkness/Lighted road	1	12.5%	Unknown	1	12.5%	South	1	5.9%
Unknown	1	12.5%	Daylight	6	75.0%	Wet	1	12.5%	Southwest	4	23.5%
TOTAL:	8		TOTAL:	8		TOTAL:	8		West	4	23.5%
									TOTAL:	17	



Collision Diagram

1/1/2012 to 12/31/2012

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
4	0	0	0	0	4	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	1	25.0%	Thursday	1	25.0%	Midnight	1	25.0%	Passenger	6	85.7%
Rear End	2	50.0%	Friday	2	50.0%	11 AM	1	25.0%	SUV	1	14.3%
Turning	1	25.0%	Sunday	1	25.0%	5 PM	1	25.0%	TOTAL:	7	
TOTAL:	4		TOTAL:	4		6 PM	1	25.0%			
						TOTAL:	4				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	4	100.0%	Darkness, Lighted Road	1	25.0%	Dry	4	100.0%	East	1	14.3%
TOTAL:	4		Daylight	3	75.0%	TOTAL:	4		North	1	14.3%
			TOTAL:	4					South	2	28.6%
									Southwest	2	28.6%
									West	1	14.3%
									TOTAL:	7	



Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
3	0	1	0	0	2	0	1	1	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	1	33.3%	Monday	1	33.3%	04 AM	1	33.3%	Motorcycle (Over 150cc)	1	16.7%
Turning	2	66.7%	Wednesday	1	33.3%	3 PM	1	33.3%	Passenger	5	83.3%
TOTAL:	3		Thursday	1	33.3%	4 PM	1	33.3%	TOTAL:	6	
			TOTAL:	3		TOTAL:	3				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	3	100.0%	Darkness	1	33.3%	Dry	3	100.0%	East	1	16.7%
TOTAL:	3		Daylight	2	66.7%	TOTAL:	3		Northeast	1	16.7%
			TOTAL:	3					West	4	66.7%
								TOTAL:		6	



Collision Diagram

1/1/2014 to 12/31/2014

Crash Route: IL038 | From MileStation 87.33 to 87.33 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
2	0	0	1	1	0	0	2	0	1	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	1	50.0%	Tuesday	1	50.0%	05 AM	1	50.0%	Passenger	3	60.0%
Turning	1	50.0%	Thursday	1	50.0%	07 AM	1	50.0%	Pickup	1	20.0%
TOTAL:	2		TOTAL:	2		TOTAL:	2		Tractor With Semi-Trailer	1	20.0%
									TOTAL:	5	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	2	100.0%	Daylight	2	100.0%	Dry	2	100.0%	East	4	80.0%
TOTAL:	2		TOTAL:	2		TOTAL:	2		West	1	20.0%
									TOTAL:	5	



Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2909547.89215134 : YCoordinate 1900394.07002185 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>12</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>9</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>2</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	16.7%	Monday	1	8.3%	03 AM	1	8.3%	Other Vehicle With Trailer	1	4.0%
Rear End	3	25.0%	Tuesday	1	8.3%	07 AM	1	8.3%	Passenger	20	80.0%
Turning	7	58.3%	Wednesday	1	8.3%	08 AM	2	16.7%	SUV	2	8.0%
TOTAL:	12		Thursday	2	16.7%	2 PM	2	16.7%	Unknown	1	4.0%
			Friday	2	16.7%	5 PM	3	25.0%	Van/Mini-Van	1	4.0%
			Saturday	4	33.3%	6 PM	1	8.3%	TOTAL:	25	
			Sunday	1	8.3%	7 PM	1	8.3%			
			TOTAL:	12		8 PM	1	8.3%			
						TOTAL:	12				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	91.7%	Darkness, Lighted Road	2	16.7%	Dry	9	75.0%	East	8	32.0%
Rain	1	8.3%	Daylight	9	75.0%	Unknown	1	8.3%	North	4	16.0%
TOTAL:	12		Dusk	1	8.3%	Wet	2	16.7%	Northeast	2	8.0%
			TOTAL:	12		TOTAL:	12		Northwest	1	4.0%
									South	4	16.0%
									West	6	24.0%
									TOTAL:	25	



Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2909547.89215134 : YCoordinate 1900394.07002185 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
5	0	0	1	0	4	0	1	0	1	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	3	60.0%	Monday	3	60.0%	06 AM	2	40.0%	Passenger	6	60.0%
Turning	2	40.0%	Thursday	1	20.0%	08 AM	2	40.0%	Pickup	1	10.0%
TOTAL:	5		Saturday	1	20.0%	Noon	1	20.0%	SUV	2	20.0%
			TOTAL:	5		TOTAL:	5		Van/Mini-Van	1	10.0%
									TOTAL:	10	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	4	80.0%	Dawn	1	20.0%	Dry	4	80.0%	East	7	70.0%
Rain	1	20.0%	Daylight	4	80.0%	Wet	1	20.0%	Northeast	2	20.0%
TOTAL:	5		TOTAL:	5		TOTAL:	5		West	1	10.0%
									TOTAL:	10	



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2909547.89215134 : YCoordinate 1900394.07002185 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
9	0	0	1	2	6	0	3	0	1	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	11.1%	Monday	3	33.3%	06 AM	1	11.1%	Passenger	10	58.8%
Other Non-Collision	1	11.1%	Tuesday	2	22.2%	2 PM	1	11.1%	Pickup	1	5.9%
Rear End	3	33.3%	Thursday	1	11.1%	3 PM	2	22.2%	SUV	5	29.4%
Turning	4	44.4%	Friday	2	22.2%	4 PM	1	11.1%	Unknown	1	5.9%
TOTAL:	9		Sunday	1	11.1%	5 PM	1	11.1%	TOTAL:	17	
			TOTAL:	9		6 PM	1	11.1%			
						8 PM	1	11.1%			
						10 PM	1	11.1%			
						TOTAL:	9				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	66.7%	Darkness, Lighted Road	5	55.6%	Dry	6	66.7%	East	6	35.3%
Cloudy/Overcast	1	11.1%	Daylight	4	44.4%	Wet	3	33.3%	North	3	17.6%
Rain	2	22.2%	TOTAL:	9		TOTAL:	9		South	1	5.9%
TOTAL:	9								Southeast	1	5.9%
									Southwest	3	17.6%
									Unknown	1	5.9%
									West	2	11.8%
									TOTAL:	17	



Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2909552.946 : YCoordinate 1900395.468 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
8	0	0	1	1	6	0	3	0	1	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	4	50.0%	Monday	1	12.5%	06 AM	1	12.5%	Passenger	7	43.8%
Sideswipe Same Direction	2	25.0%	Tuesday	2	25.0%	08 AM	1	12.5%	Pickup	4	25.0%
Turning	2	25.0%	Thursday	1	12.5%	11 AM	1	12.5%	SUV	5	31.3%
TOTAL:	8		Friday	1	12.5%	Noon	1	12.5%	TOTAL:	16	
			Saturday	1	12.5%	4 PM	1	12.5%			
			Sunday	2	25.0%	5 PM	1	12.5%			
			TOTAL:	8		6 PM	2	25.0%			
						TOTAL:	8				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	100.0%	Darkness, Lighted Road	2	25.0%	Dry	8	100.0%	East	10	62.5%
TOTAL:	8		Dawn	1	12.5%	TOTAL:	8		South	4	25.0%
			Daylight	5	62.5%				West	2	12.5%
			TOTAL:	8					TOTAL:	16	



Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2909552.946 : YCoordinate 1900395.468 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
7	0	0	0	2	5	0	3	0	0	3

Type of Crash	Total	%	Dayof Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	4	57.1%	Monday	1	14.3%	06 AM	1	14.3%	Bus over 15 seats	1	7.1%
Turning	3	42.9%	Tuesday	2	28.6%	08 AM	2	28.6%	Passenger	8	57.1%
TOTAL:	7		Thursday	1	14.3%	10 AM	1	14.3%	SUV	3	21.4%
			Saturday	2	28.6%	Noon	1	14.3%	Van/Mini-Van	2	14.3%
			Sunday	1	14.3%	4 PM	2	28.6%	TOTAL:	14	
			TOTAL:	7		TOTAL:	7				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	3	42.9%	Daylight	7	100.0%	Dry	3	42.9%	East	2	14.3%
Cloudy/Overcast	1	14.3%	TOTAL:	7		Snow or Slush	2	28.6%	South	4	28.6%
Rain	1	14.3%				Wet	2	28.6%	Southwest	4	28.6%
Snow	2	28.6%				TOTAL:	7		West	4	28.6%
TOTAL:	7								TOTAL:	14	



Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2909552.946 : YCoordinate 1900395.468 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
2	0	0	0	0	2	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	1	50.0%	Wednesday	1	50.0%	1 PM	1	50.0%	Passenger	1	25.0%
Turning	1	50.0%	Thursday	1	50.0%	6 PM	1	50.0%	SUV	3	75.0%
TOTAL:	2		TOTAL:	2		TOTAL:	2		TOTAL:	4	
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	1	50.0%	Daylight	2	100.0%	Dry	1	50.0%	East	2	50.0%
Cloudy/Overcast	1	50.0%	TOTAL:	2		Wet	1	50.0%	Northeast	1	25.0%
TOTAL:	2					TOTAL:	2		West	1	25.0%
								TOTAL:		4	



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Roosevelt Rd and Harrison St** over a span of 12 years.

The history of available ADTC on each approach was obtained from the IDOT website per the RLR Guideline document published by the IDOT and recorded in **bold** below.
<http://www.gettingaroundillinois.com/gai.htm?mt=aadt>

The data from 2010 shows the period prior to the installation of the RLR camera.

The data from 2011 shows the year in which the camera was installed.

The data from 2012-2021 shows the period following the installation.

	Direction Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	2010	28,200	28,200	550	550	57,500	57,500
	2011	24,400	24,400	550	550	49,900	
After Installation	2012	24,400	24,400	550	550	49,900	52,910
	2013	27,000	27,000	550	550	55,100	
	2014	27,000	27,000	900	900	55,800	
	2015	24,500	24,500	900	900	50,800	
	2016	24,500	24,500	900	900	50,800	
	2017	25,300	25,500	900	900	52,600	
	2018	25,300	25,500	750	2,950	54,500	
	2019	25,300	22,600	750	2,950	51,600	
	2020	25,300	22,600	750	2,950	51,600	
	2021	28,700	24,000	750	2,950	56,400	

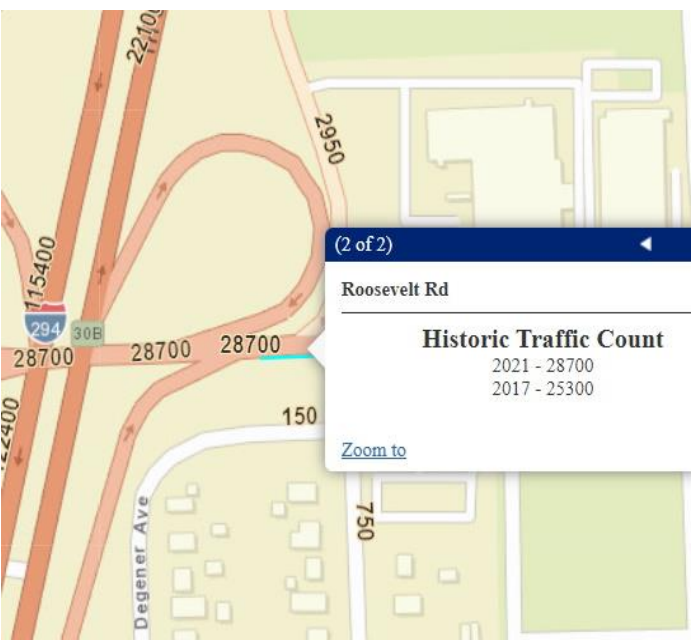
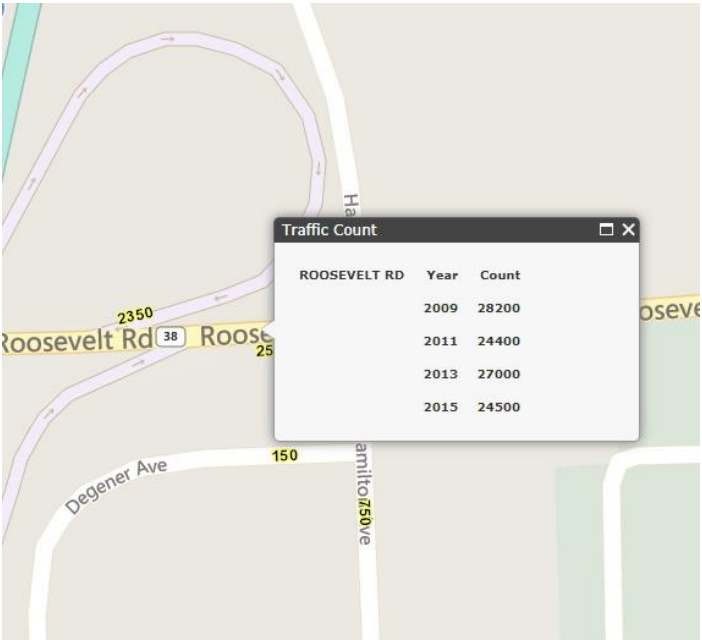
Prior to RLR camera installation, in 2010, the combined ADTC was 57,500.

From 2012-2021, post RLR camera installation, the combined average of ADTC was 52,910 - a reduction of 7.98%.

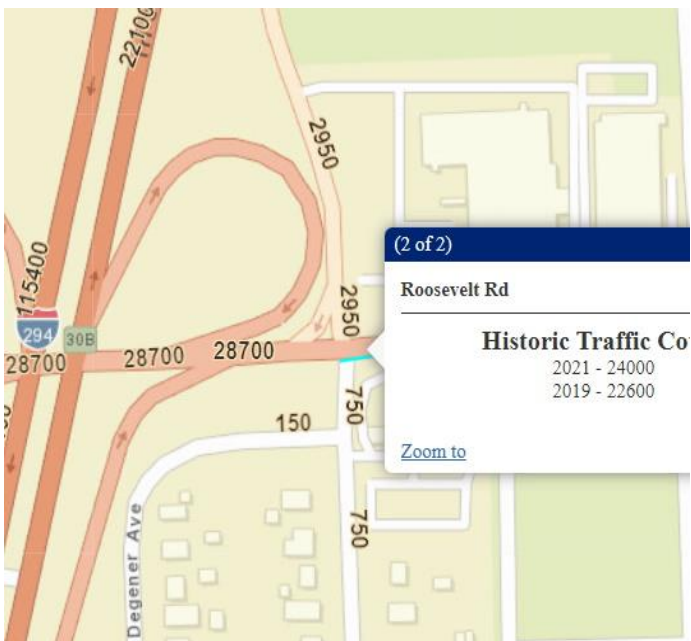
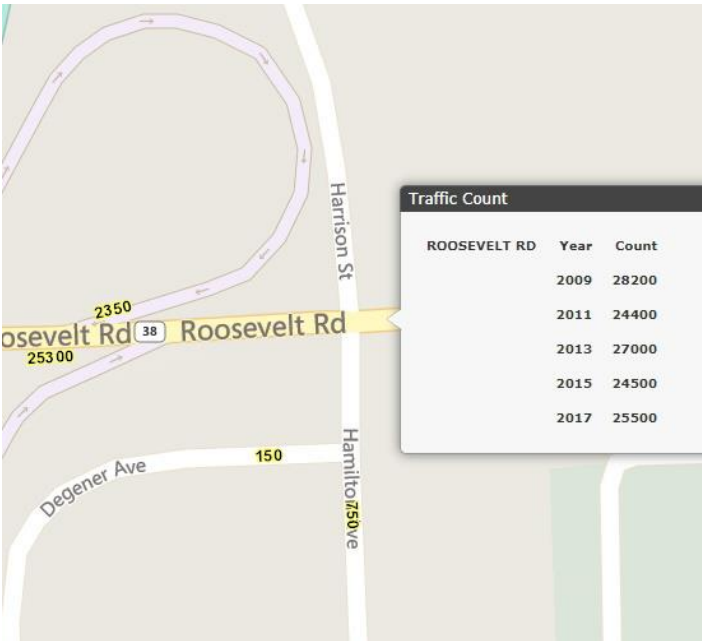
The following page shows the complete ADTC data from 2010-2021 obtained from the IDOT's website.

The traffic numbers below were obtained from the IDOT website during the preparation of the follow up reports in the past and now per the RLR Guideline document published by the IDOT. Only ADTC values were available, peak numbers were not provided.

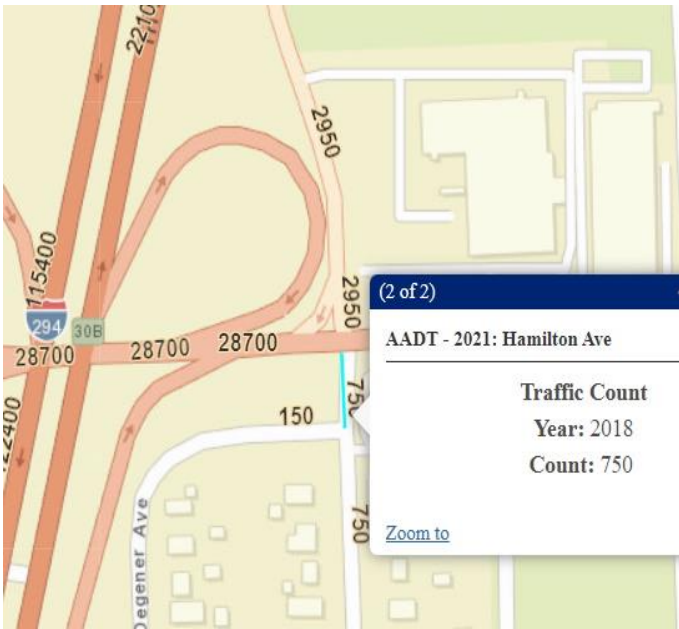
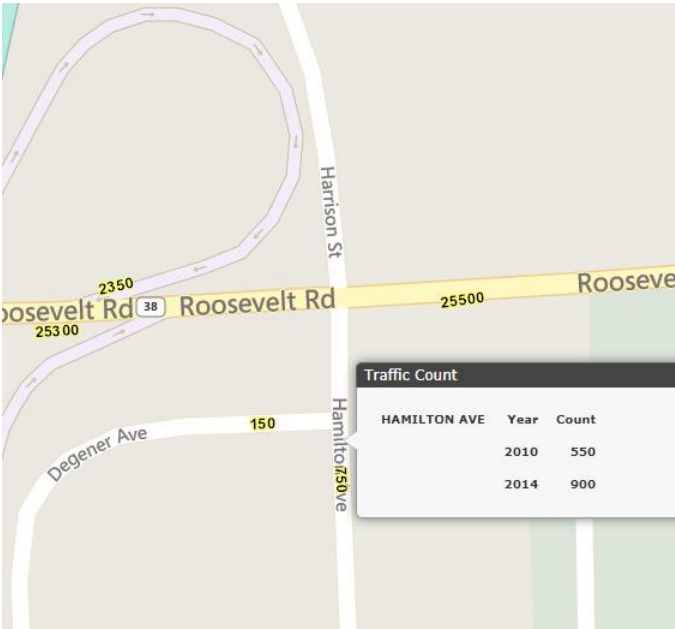
Eastbound ADTC



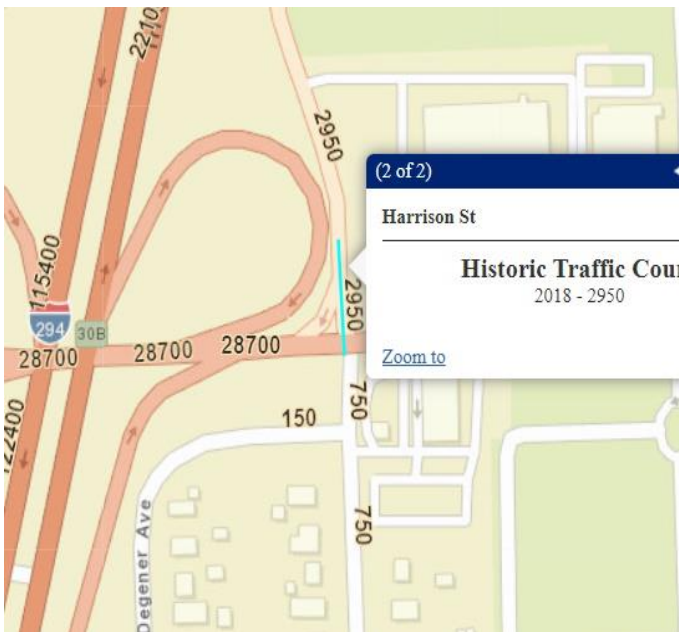
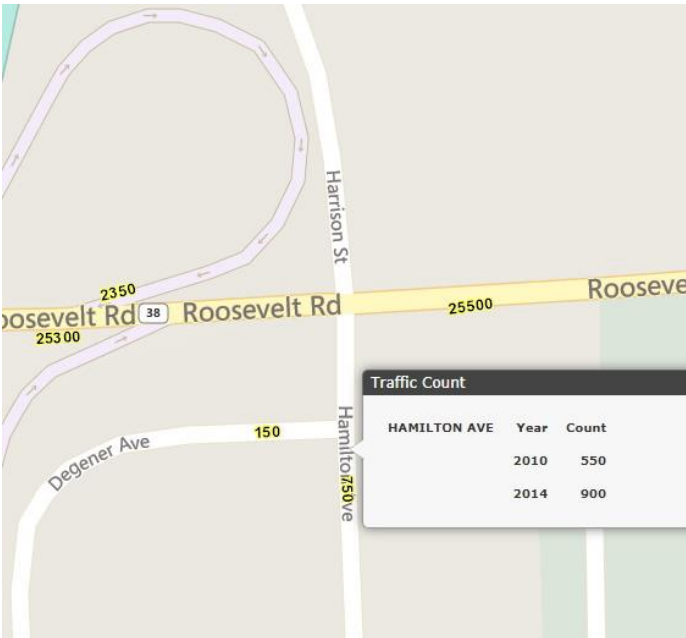
Westbound ADTC



Northbound ADTC



Southbound ADTC





4. Summary of Adjudication

The summary of tickets contested “in person” and “by mail” for the **Westbound** approach of **Roosevelt Rd and Harrison St** from 2018 to 2020.

	2018	2019	2020
In Person	9	13	7
By Mail	15	12	12



5. Report Summary and Recommendation

The **Village of Hillside** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Hillside** is conducted in a courteous, professional and timely manner and is in compliance with the RLR regulations laid out by the Illinois Department of Transportation District 1 Bureau of Traffic Operations.

Prior to RLR camera installation, 2010, the combined ADTC was 57,500. From 2012-2021, post RLR camera installation, the combined average of ADTC was 52,910 - a reduction of 7.98%. (See tab 3)

From 2006-2010, prior to RLR camera installation, there were 25 total crashes; this averages out to 5 crashes a year. From 2012-2020, post RLR camera installation, there were 52 total crashes. The annual number of crashes has maintained single digits since the RLR camera installation, averaging 5.78 crashes per year. Crash rates at this intersection continue to decline following the atypical 12 crashes in 2015. Excluding this particular year from the equation reveals that the average number of crashes remains consistent at 5 per year. (See tab 2)

This intersection is a low cross traffic volume intersection which consists of high daily traffic volume streets (Roosevelt Rd) intersecting with low daily traffic volume streets (Harrison St). These configurations typically favor the high traffic volume streets with infrequent or as needed red light cycles. After analyzing all of the available data, we believe that the existence of the RLR camera currently in operation at the Westbound approach of Roosevelt Rd and Harrison St in the **Village of Hillside** continues to affect and encourage safe driving behavior over time, correcting poor driving habits of motorists as they pass through this location and makes a contribution toward improving traffic safety.

Because enhanced traffic safety is the principal aim of RLR camera enforcement programs, RLRC systems should remain at this intersection as an integral part of a traffic system process that incorporates public education, enforcement and engineering.