

**Roosevelt Rd and Wolf Rd  
<Northbound>**

# **Hillside, IL**

## **RLR 3 Year Follow-Up**

### **Evaluation Report**

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**Reference No: 016-49044**  
**May 2022**

**JOSEPH M. LUKASZEK**  
**CHIEF OF POLICE**  
Phone: 708/449-8851  
Fax: 708/449-9088



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

**Department of Police**  
**Village of Hillside**  
425 Hillside Avenue

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 Wolf Rd (Northbound)  
Village of Hillside  
Ref#:016-49044

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersections of Roosevelt Rd and Wolf Rd (Northbound), 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](mailto: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

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# **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 **Northbound** approach at the intersection of **Roosevelt Rd and Wolf Rd**.

- Date on which the camera went live on the Northbound approach: **02/2011**
- Year in which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **2012**
- Year in which the 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **2016**
- Year in which the 2<sup>nd</sup> 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><b>SafeSpeed, LLC</b> 150 North Wacker Drive Floor 8 Chicago, IL 60606</p> <p>Phone: (877) 237-2331 Fax: (877) 237-2302 Email: <a href="mailto:info@safespeedllc.com">info@safespeedllc.com</a> Web: <a href="http://safespeedllc.com">safespeedllc.com</a></p> <p>Key Contact: Ryan Kim Phone: (312) 924-7248 Email: <a href="mailto:rkim@safespeedllc.com">rkim@safespeedllc.com</a></p>	<p>Electrical Contractor</p> <p><b>Meade Electric Company</b> 625 Willowbrook Center Parkway Willowbrook, IL 60527</p> <p>Phone: (708) 588-2500 Fax: (708) 588-2501 Email: <a href="mailto:info@meadeelectric.com">info@meadeelectric.com</a> Web: <a href="http://meadeelectric.com">meadeelectric.com</a></p> <p>Key Contact: Mr. Michael Knutson Phone: (708) 588-2500 Email: <a href="mailto:mkk@meade100.com">mkk@meade100.com</a></p>
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## 2. RLR Crash Data and Analysis

The table below shows a summary of motor vehicle crashes at the intersection of **Roosevelt Rd and Wolf Rd** over a span of 13 years\*.

	Angle	Turning	Rear End	Pedestrian	Sideswipe	Fixed Object	Total
<b>2008</b>	1	11	12	0	2	0	26
<b>2009</b>	0	5	7	1	0	2	15
<b>2010</b>	2	4	5	0	0	0	11
<b>2011</b>	2	3	9	0	0	0	14
<b>2012</b>	0	2	11	0	0	0	13
<b>2013</b>	2	5	6	0	0	1	14
<b>2014</b>	0	2	8	0	0	0	10
<b>2015</b>	2	6	11	0	0	0	19
<b>2016</b>	0	6	2	0	0	0	8
<b>2017</b>	3	3	4	0	1	0	11
<b>2018</b>	0	2	3	0	1	0	6
<b>2019</b>	1	7	6	0	0	0	14
<b>2020</b>	2	4	4	0	0	0	10

The data from 2008\*\*-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.

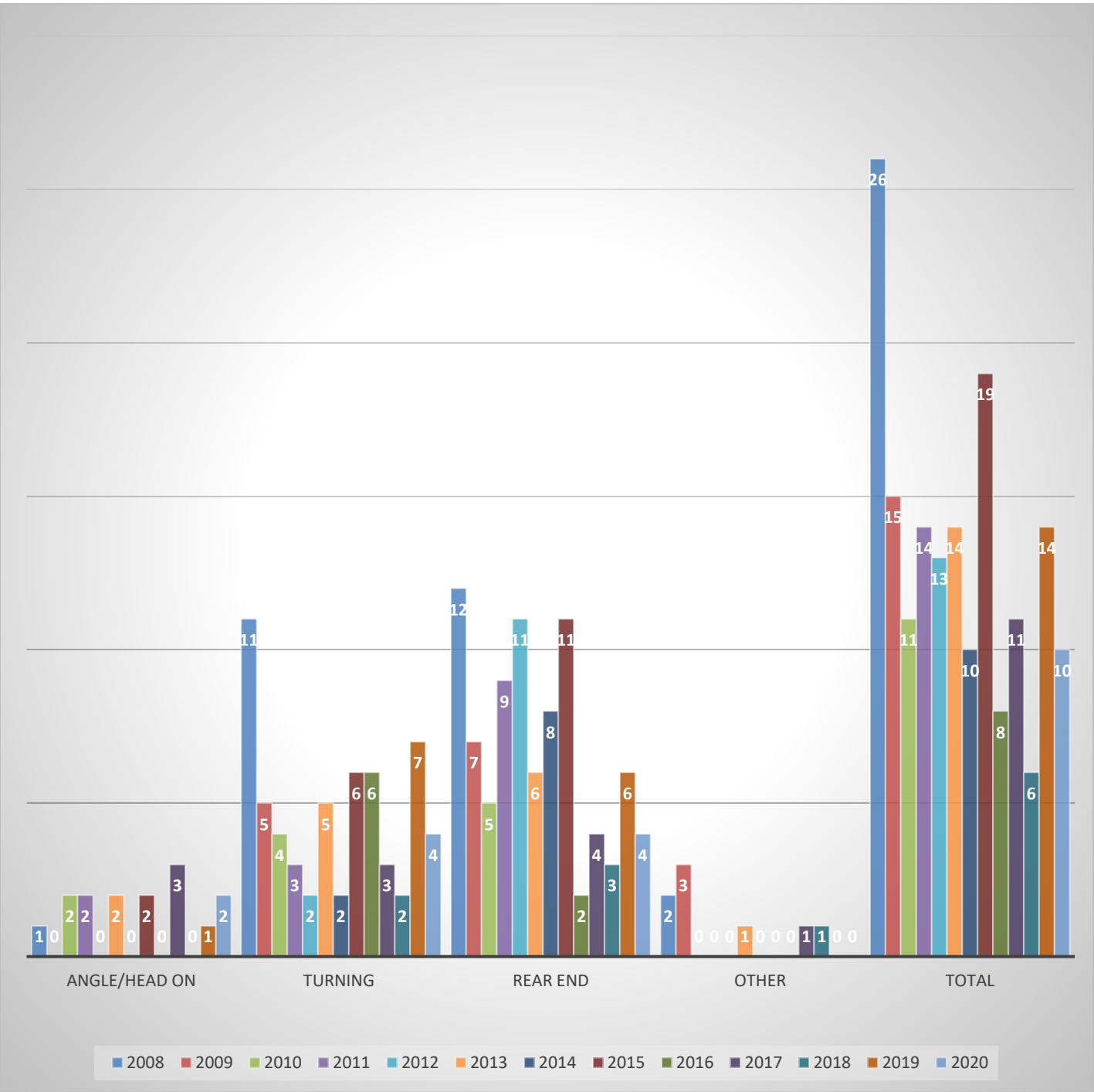
The data from 2012-2020 shows the period following the installation.

\* 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 2008-2020.



	Type Year	Angle	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	<b>2008</b>	1	11	12	2	<b>26</b>	<b>17.33</b>
	<b>2009</b>	0	5	7	3	<b>15</b>	
	<b>2010</b>	2	4	5	0	<b>11</b>	
	<b>2011</b>	2	3	9	0	<b>14</b>	
After Installation	<b>2012</b>	0	2	11	0	<b>13</b>	<b>11.67</b>
	<b>2013</b>	2	5	6	1	<b>14</b>	
	<b>2014</b>	0	2	8	0	<b>10</b>	
	<b>2015</b>	2	6	11	0	<b>19</b>	
	<b>2016</b>	0	6	2	0	<b>8</b>	
	<b>2017</b>	3	3	4	1	<b>11</b>	
	<b>2018</b>	0	2	3	1	<b>6</b>	
	<b>2019</b>	1	7	6	0	<b>14</b>	
	<b>2020</b>	2	4	4	0	<b>10</b>	

\* Other crashes include: Pedestrian, Sideswipe and Fixed Object.

From 2008-2010, prior to RLR camera installation, there were 52 total crashes; this averages out to 17.33 crashes a year.

From 2012-2020, post RLR camera installation, there were 105 total crashes; this averages out to 11.67 crashes per year - a 32.69% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2008-2020. The complete crash data can be obtained by contacting the IDOT via [DOT.DTS.DataRequests@illinois.gov](mailto:DOT.DTS.DataRequests@illinois.gov).



### Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: IL038 | From MileStation 88.07 to 88.07 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

VUVOŠ ÔÛÆÛPÔÛ	ØØVØŠ ÔÛÆÛPÔÛ	ØRΛÜŸ ÔÛÆÛPÔÛ	ÛÛÛÛÔÛVŸ ØØØ ØØØ ÔÛÆÛPÔÛ	VUVOŠ SØSØØ	VUVOŠ ØRΛÜØØ	A INJURIES	B INJURIES	C INJURIES
<u>26</u>	<u>0</u>	<u>10</u>	<u>16</u>	<u>0</u>	<u>13</u>	<u>1</u>	<u>5</u>	<u>7</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	11	42.3%	Wednesday	2	7.7%	8 PM	1	3.8%	Other	1	1.8%
11-Rear end	12	46.2%	Friday	8	30.8%	5 PM	4	15.4%	Passenger	40	71.4%
12-Sideswipe same direction	2	7.7%	Tuesday	5	19.2%	07 AM	5	19.2%	Pickup	4	7.1%
15-Angle	1	3.8%	Monday	3	11.5%	11 PM	2	7.7%	Sport utility vehicle (SUV)	8	14.3%
<b>TOTAL:</b>	<b>26</b>		Thursday	3	11.5%	2 PM	4	15.4%	Tractor w/ semi-trailer	1	1.8%
			Saturday	4	15.4%	08 AM	2	7.7%	Truck – single unit	1	1.8%
			Sunday	1	3.8%	11 AM	1	3.8%	Van/mini van	1	1.8%
			<b>TOTAL:</b>	<b>26</b>		7 PM	1	3.8%	<b>TOTAL:</b>	<b>56</b>	
						9 PM	2	7.7%			
						4 PM	2	7.7%			
						Noon	2	7.7%			
						<b>TOTAL:</b>	<b>26</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	15	57.7%	Darkness, lighted road	8	30.8%	Wet	6	23.1%	East	18	32.1%
Snow	6	23.1%	Daylight	16	61.5%	Dry	13	50.0%	North	10	17.9%
Sleet/hail	1	3.8%	Darkness	1	3.8%	Snow or slush	7	26.9%	Northeast	1	1.8%
Rain	4	15.4%	Dusk	1	3.8%	<b>TOTAL:</b>	<b>26</b>		Northwest	2	3.6%
<b>TOTAL:</b>	<b>26</b>		<b>TOTAL:</b>	<b>26</b>					South	13	23.2%
									Southwest	1	1.8%



### Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: IL038 | From MileStation 88.07 to 88.07 | 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>15</u>	<u>0</u>	<u>1</u>	<u>5</u>	<u>1</u>	<u>8</u>	<u>0</u>	<u>11</u>	<u>1</u>	<u>8</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	5	33.3%	Monday	4	26.7%	07 AM	1	6.7%	Motor driven cycle	1	3.2%
11-Rear end	7	46.7%	Tuesday	2	13.3%	09 AM	1	6.7%	Passenger	19	61.3%
1-Pedestrian	1	6.7%	Wednesday	1	6.7%	10 AM	1	6.7%	Pickup	3	9.7%
6-Fixed object	2	13.3%	Thursday	4	26.7%	11 AM	2	13.3%	Sport utility vehicle (SUV)	4	12.9%
<b>TOTAL:</b>	<b>15</b>		Saturday	1	6.7%	Noon	1	6.7%	Tractor w/ semi-trailer	1	3.2%
			Sunday	3	20.0%	2 PM	3	20.0%	Van/mini van	3	9.7%
			<b>TOTAL:</b>	<b>15</b>		3 PM	1	6.7%	<b>TOTAL:</b>	<b>31</b>	
						4 PM	2	13.3%			
						6 PM	1	6.7%			
						8 PM	1	6.7%			
						9 PM	1	6.7%			
						<b>TOTAL:</b>	<b>15</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	13	86.7%	Darkness/Lighted road	2	13.3%	Dry	13	86.7%	East	14	45.2%
Rain	1	6.7%	Daylight	13	86.7%	Unknown	1	6.7%	North	5	16.1%
Snow	1	6.7%	<b>TOTAL:</b>	<b>15</b>		Wet	1	6.7%	Northeast	1	3.2%
<b>TOTAL:</b>	<b>15</b>					<b>TOTAL:</b>	<b>15</b>		South	3	9.7%
									West	8	25.8%
									<b>TOTAL:</b>	<b>31</b>	



### Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: IL038 | From MileStation 88.07 to 88.07 | 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>11</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>7</u>	<u>0</u>	<u>6</u>	<u>0</u>	<u>2</u>	<u>4</u>

<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	4	36.4%	Monday	2	18.2%	08 AM	2	18.2%	Passenger	18	75.0%
11-Rear end	5	45.5%	Tuesday	1	9.1%	09 AM	3	27.3%	Sport utility vehicle (SUV)	3	12.5%
15-Angle	2	18.2%	Wednesday	2	18.2%	1 PM	1	9.1%	Van/mini van	3	12.5%
<b>TOTAL:</b>	<b>11</b>		Thursday	1	9.1%	2 PM	1	9.1%	<b>TOTAL:</b>	<b>24</b>	
			Friday	2	18.2%	3 PM	1	9.1%			
			Saturday	1	9.1%	5 PM	3	27.3%			
			Sunday	2	18.2%	<b>TOTAL:</b>	<b>11</b>				
			<b>TOTAL:</b>	<b>11</b>							
<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	9	81.8%	Darkness/Lighted road	1	9.1%	Dry	8	72.7%	East	15	62.5%
Rain	2	18.2%	Daylight	9	81.8%	Unknown	1	9.1%	North	6	25.0%
<b>TOTAL:</b>	<b>11</b>		Dusk	1	9.1%	Wet	2	18.2%	South	2	8.3%
			<b>TOTAL:</b>	<b>11</b>		<b>TOTAL:</b>	<b>11</b>		West	1	4.2%
									<b>TOTAL:</b>	<b>24</b>	



### Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: IL038 | From MileStation 88.07 to 88.07 | 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>14</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>4</u>	<u>9</u>	<u>0</u>	<u>7</u>	<u>2</u>	<u>0</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	3	21.4%	Tuesday	1	7.1%	07 AM	2	14.3%	Motorcycle (over 150cc)	1	3.1%
11-Rear end	9	64.3%	Wednesday	4	28.6%	09 AM	4	28.6%	Passenger	23	71.9%
15-Angle	2	14.3%	Thursday	3	21.4%	10 AM	1	7.1%	Pickup	1	3.1%
<b>TOTAL:</b>	<b>14</b>		Friday	1	7.1%	11 AM	1	7.1%	Sport utility vehicle (SUV)	4	12.5%
			Saturday	2	14.3%	Noon	1	7.1%	Van/mini van	3	9.4%
			Sunday	3	21.4%	3 PM	2	14.3%	<b>TOTAL:</b>	<b>32</b>	
			<b>TOTAL:</b>	<b>14</b>		5 PM	3	21.4%			
						<b>TOTAL:</b>	<b>14</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	64.3%	Darkness	1	7.1%	Dry	7	50.0%	East	12	37.5%
Rain	4	28.6%	Darkness/Lighted road	1	7.1%	Unknown	1	7.1%	North	4	12.5%
Unknown	1	7.1%	Daylight	12	85.7%	Wet	6	42.9%	South	10	31.3%
<b>TOTAL:</b>	<b>14</b>		<b>TOTAL:</b>	<b>14</b>		<b>TOTAL:</b>	<b>14</b>		Unknown	1	3.1%
									West	5	15.6%
									<b>TOTAL:</b>	<b>32</b>	



### Collision Diagram

1/1/2012 to 12/31/2012

Crash Route: IL038 | From MileStation 88.07 to 88.07 | 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>13</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>9</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	11	84.6%	Monday	2	15.4%	Midnight	1	7.7%	Passenger	18	66.7%
Turning	2	15.4%	Tuesday	3	23.1%	08 AM	1	7.7%	Pickup	2	7.4%
<b>TOTAL:</b>	<b>13</b>		Thursday	1	7.7%	10 AM	1	7.7%	SUV	5	18.5%
			Friday	5	38.5%	Noon	1	7.7%	Van/Mini-Van	2	7.4%
			Saturday	2	15.4%	1 PM	2	15.4%	<b>TOTAL:</b>	<b>27</b>	
			<b>TOTAL:</b>	<b>13</b>		2 PM	2	15.4%			
						3 PM	2	15.4%			
						4 PM	2	15.4%			
						6 PM	1	7.7%			
						<b>TOTAL:</b>	<b>13</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	84.6%	Daylight	13	100.0%	Dry	11	84.6%	East	12	44.4%
Rain	1	7.7%	<b>TOTAL:</b>	<b>13</b>		Unknown	1	7.7%	North	8	29.6%
Unknown	1	7.7%				Wet	1	7.7%	South	3	11.1%
<b>TOTAL:</b>	<b>13</b>					<b>TOTAL:</b>	<b>13</b>		Southeast	1	3.7%
									West	3	11.1%
									<b>TOTAL:</b>	<b>27</b>	



### Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: IL038 | From MileStation 88.07 to 88.07 | 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
14	0	0	3	3	8	0	8	0	4	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	14.3%	Monday	5	35.7%	08 AM	1	7.1%	Other	1	3.2%
Fixed Object	1	7.1%	Tuesday	3	21.4%	09 AM	1	7.1%	Passenger	21	67.7%
Rear End	6	42.9%	Wednesday	1	7.1%	Noon	2	14.3%	Pickup	1	3.2%
Turning	5	35.7%	Thursday	2	14.3%	3 PM	2	14.3%	SUV	5	16.1%
<b>TOTAL:</b>	<b>14</b>		Friday	2	14.3%	4 PM	2	14.3%	Unknown	1	3.2%
			Sunday	1	7.1%	6 PM	3	21.4%	Van/Mini-Van	2	6.5%
			<b>TOTAL:</b>	<b>14</b>		7 PM	2	14.3%	<b>TOTAL:</b>	<b>31</b>	
						10 PM	1	7.1%			
						<b>TOTAL:</b>	<b>14</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	13	92.9%	Darkness/ Lighted Road	3	21.4%	Dry	11	78.6%	East	12	38.7%
Rain	1	7.1%	Daylight	11	78.6%	Wet	3	21.4%	North	8	25.8%
<b>TOTAL:</b>	<b>14</b>		<b>TOTAL:</b>	<b>14</b>		<b>TOTAL:</b>	<b>14</b>		South	5	16.1%
									Southwest	1	3.2%
									West	5	16.1%
									<b>TOTAL:</b>	<b>31</b>	





### Collision Diagram

**1/1/2014 to 12/31/2014**

Crash Route: IL038 | From MileStation 88.07 to 88.07 | 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>10</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>9</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>

<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>
Rear End	8	80.0%	Monday	3	30.0%	06 AM	2	20.0%	Passenger	14	66.7%
Turning	2	20.0%	Thursday	3	30.0%	08 AM	1	10.0%	Pickup	2	9.5%
<b>TOTAL:</b>	<b>10</b>		Friday	1	10.0%	1 PM	1	10.0%	SUV	4	19.0%
			Saturday	3	30.0%	2 PM	1	10.0%	Van/Mini-Van	1	4.8%
			<b>TOTAL:</b>	<b>10</b>		3 PM	1	10.0%	<b>TOTAL:</b>	<b>21</b>	
						5 PM	2	20.0%			
						7 PM	2	20.0%			
						<b>TOTAL:</b>	<b>10</b>				

<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	5	50.0%	Darkness/ Lighted Road	3	30.0%	Dry	6	60.0%	East	11	52.4%
Cloudy/Overcast	1	10.0%	Daylight	7	70.0%	Snow or Slush	1	10.0%	North	2	9.5%
Rain	3	30.0%	<b>TOTAL:</b>	<b>10</b>		Wet	3	30.0%	South	8	38.1%
Snow	1	10.0%				<b>TOTAL:</b>	<b>10</b>		<b>TOTAL:</b>	<b>21</b>	
<b>TOTAL:</b>	<b>10</b>										



## Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2913464.4400925 : YCoordinate 1900628.38320151 | Foot Tolerance : 250 | 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>19</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>10</u>	<u>0</u>	<u>12</u>	<u>1</u>	<u>5</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	10.5%	Monday	6	31.6%	05 AM	1	5.3%	Passenger	25	64.1%
Rear End	11	57.9%	Tuesday	2	10.5%	06 AM	1	5.3%	Pickup	4	10.3%
Turning	6	31.6%	Wednesday	3	15.8%	07 AM	1	5.3%	SUV	6	15.4%
<b>TOTAL:</b>	<b>19</b>		Thursday	2	10.5%	08 AM	2	10.5%	Truck Single Unit	1	2.6%
			Friday	3	15.8%	09 AM	1	5.3%	Unknown	1	2.6%
			Saturday	2	10.5%	10 AM	2	10.5%	Van/Mini-Van	2	5.1%
			Sunday	1	5.3%	11 AM	2	10.5%	<b>TOTAL:</b>	<b>39</b>	
			<b>TOTAL:</b>	<b>19</b>		1 PM	3	15.8%			
					2 PM	2	10.5%				
					3 PM	1	5.3%				
					4 PM	1	5.3%				
					5 PM	1	5.3%				
					6 PM	1	5.3%				
					<b>TOTAL:</b>	<b>19</b>					
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	12	63.2%	Darkness, Lighted Road	3	15.8%	Dry	13	68.4%	East	16	41.0%
Cloudy/Overcast	2	10.5%	Daylight	16	84.2%	Snow or Slush	2	10.5%	North	9	23.1%
Rain	1	5.3%	<b>TOTAL:</b>	<b>19</b>		Unknown	2	10.5%	Northeast	2	5.1%



## Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2913464.4400925 : YCoordinate 1900628.38320151 | Foot Tolerance : 250 | 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	4	0	3	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	2	25.0%	Tuesday	2	25.0%	02 AM	1	12.5%	Passenger	13	76.5%
Turning	6	75.0%	Wednesday	1	12.5%	07 AM	1	12.5%	SUV	3	17.6%
<b>TOTAL:</b>	<b>8</b>		Thursday	1	12.5%	Noon	1	12.5%	Van/Mini-Van	1	5.9%
			Friday	2	25.0%	3 PM	3	37.5%	<b>TOTAL:</b>	<b>17</b>	
			Sunday	2	25.0%	4 PM	2	25.0%			
			<b>TOTAL:</b>	<b>8</b>		<b>TOTAL:</b>	<b>8</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	87.5%	Darkness, Lighted Road	1	12.5%	Dry	7	87.5%	East	3	17.6%
Rain	1	12.5%	Daylight	7	87.5%	Wet	1	12.5%	North	3	17.6%
<b>TOTAL:</b>	<b>8</b>		<b>TOTAL:</b>	<b>8</b>		<b>TOTAL:</b>	<b>8</b>		South	2	11.8%
									Southeast	1	5.9%
									Southwest	3	17.6%
									West	5	29.4%
									<b>TOTAL:</b>	<b>17</b>	



## Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2913464.4400925 : YCoordinate 1900628.38320151 | Foot Tolerance : 250 | 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>11</u>	<u>0</u>	<u>1</u>	<u>5</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>11</u>	<u>1</u>	<u>7</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	27.3%	Monday	2	18.2%	Midnight	1	9.1%	Passenger	15	65.2%
Rear End	4	36.4%	Wednesday	1	9.1%	08 AM	1	9.1%	Pickup	2	8.7%
Sideswipe Same Direction	1	9.1%	Thursday	3	27.3%	09 AM	1	9.1%	SUV	6	26.1%
Turning	3	27.3%	Friday	2	18.2%	10 AM	2	18.2%	<b>TOTAL:</b>	<b>23</b>	
<b>TOTAL:</b>	<b>11</b>		Saturday	2	18.2%	11 AM	1	9.1%			
			Sunday	1	9.1%	3 PM	2	18.2%			
			<b>TOTAL:</b>	<b>11</b>		6 PM	1	9.1%			
						9 PM	1	9.1%			
						10 PM	1	9.1%			
						<b>TOTAL:</b>	<b>11</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	10	90.9%	Darkness, Lighted Road	3	27.3%	Dry	10	90.9%	East	9	39.1%
Cloudy/Overcast	1	9.1%	Daylight	8	72.7%	Wet	1	9.1%	North	6	26.1%
<b>TOTAL:</b>	<b>11</b>		<b>TOTAL:</b>	<b>11</b>		<b>TOTAL:</b>	<b>11</b>		South	5	21.7%
									Southwest	1	4.3%
									Unknown	1	4.3%
									West	1	4.3%
									<b>TOTAL:</b>	<b>23</b>	



## Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2913466.117 : YCoordinate 1900626.333 | Foot Tolerance : 250 | 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	0	1	0	5	0	2	0	2	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	3	50.0%	Monday	1	16.7%	07 AM	1	16.7%	Passenger	6	42.9%
Sideswipe Same Direction	1	16.7%	Tuesday	1	16.7%	08 AM	1	16.7%	Pickup	1	7.1%
Turning	2	33.3%	Wednesday	2	33.3%	09 AM	1	16.7%	SUV	5	35.7%
<b>TOTAL:</b>	<b>6</b>		Friday	1	16.7%	Noon	1	16.7%	Truck Single Unit	1	7.1%
			Saturday	1	16.7%	1 PM	1	16.7%	Van/Mini-Van	1	7.1%
			<b>TOTAL:</b>	<b>6</b>		4 PM	1	16.7%	<b>TOTAL:</b>	<b>14</b>	
						<b>TOTAL:</b>	<b>6</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	3	50.0%	Daylight	6	100.0%	Dry	3	50.0%	East	10	71.4%
Cloudy/Overcast	1	16.7%	<b>TOTAL:</b>	<b>6</b>		Wet	3	50.0%	South	2	14.3%
Rain	2	33.3%				<b>TOTAL:</b>	<b>6</b>		West	2	14.3%
<b>TOTAL:</b>	<b>6</b>								<b>TOTAL:</b>	<b>14</b>	



## Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2913466.117 : YCoordinate 1900626.333 | Foot Tolerance : 250 | 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>14</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>11</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>1</u>	<u>4</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	7.1%	Monday	2	14.3%	05 AM	1	7.1%	Passenger	15	53.6%
Front to Rear	6	42.9%	Tuesday	3	21.4%	06 AM	1	7.1%	Pickup	2	7.1%
Turning	7	50.0%	Wednesday	4	28.6%	07 AM	1	7.1%	SUV	7	25.0%
<b>TOTAL:</b>	<b>14</b>		Thursday	1	7.1%	09 AM	2	14.3%	Tractor With Semi-Trailer	1	3.6%
			Saturday	2	14.3%	10 AM	2	14.3%	Truck Single Unit	1	3.6%
			Sunday	2	14.3%	11 AM	1	7.1%	Unknown	1	3.6%
			<b>TOTAL:</b>	<b>14</b>		Noon	2	14.3%	Van/Mini-Van	1	3.6%
						1 PM	1	7.1%	<b>TOTAL:</b>	<b>28</b>	
						5 PM	1	7.1%			
						9 PM	1	7.1%			
						11 PM	1	7.1%			
						<b>TOTAL:</b>	<b>14</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	35.7%	Darkness	1	7.1%	Dry	10	71.4%	East	11	39.3%
Cloudy/Overcast	6	42.9%	Darkness, Lighted Road	2	14.3%	Snow or Slush	2	14.3%	North	2	7.1%
Rain	1	7.1%	Daylight	10	71.4%	Wet	2	14.3%	South	6	21.4%
Snow	2	14.3%	Dusk	1	7.1%	<b>TOTAL:</b>	<b>14</b>		Southeast	2	7.1%
<b>TOTAL:</b>	<b>14</b>		<b>TOTAL:</b>	<b>14</b>					Southwest	1	3.6%



## Coordinate Collision Diagram Report

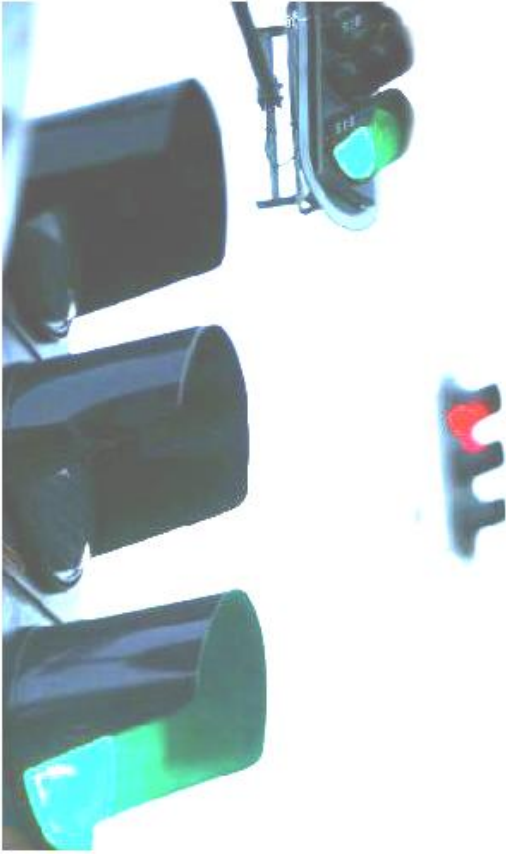
1/1/2020 to 12/31/2020

For XCoordinate 2913466.117 : YCoordinate 1900626.333 | Foot Tolerance : 250 | 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>10</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>5</u>	<u>0</u>	<u>6</u>	<u>0</u>	<u>5</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	20.0%	Monday	2	20.0%	07 AM	1	10.0%	Passenger	14	66.7%
Front to Rear	4	40.0%	Tuesday	3	30.0%	09 AM	2	20.0%	Pickup	1	4.8%
Turning	4	40.0%	Wednesday	1	10.0%	11 AM	2	20.0%	SUV	5	23.8%
<b>TOTAL:</b>	<b>10</b>		Thursday	1	10.0%	Noon	1	10.0%	Tractor With Semi-Trailer	1	4.8%
			Friday	1	10.0%	3 PM	1	10.0%	<b>TOTAL:</b>	<b>21</b>	
			Saturday	2	20.0%	4 PM	2	20.0%			
			<b>TOTAL:</b>	<b>10</b>		9 PM	1	10.0%			
						<b>TOTAL:</b>	<b>10</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	50.0%	Darkness, Lighted Road	2	20.0%	Dry	5	50.0%	East	11	52.4%
Rain	2	20.0%	Daylight	8	80.0%	Snow or Slush	2	20.0%	North	1	4.8%
Snow	3	30.0%	<b>TOTAL:</b>	<b>10</b>		Wet	3	30.0%	South	4	19.0%
<b>TOTAL:</b>	<b>10</b>					<b>TOTAL:</b>	<b>10</b>		Southwest	1	4.8%
									West	4	19.0%
									<b>TOTAL:</b>	<b>21</b>	



### 3. Traffic Volume



The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Roosevelt Rd and Wolf Rd** over a span of 11 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 2012-2020 shows the period following the installation.

	Direction Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	<b>2010</b>	28,200	24,300	<b>15,800</b>	<b>15,900</b>	<b>84,200</b>	<b>84,200</b>
	<b>2011</b>	<b>24,400</b>	<b>24,900</b>	15,800	15,900	<b>81,000</b>	
After Installation	<b>2012</b>	24,400	24,900	15,800	15,900	<b>81,000</b>	<b>79,667</b>
	<b>2013</b>	<b>27,000</b>	<b>28,400</b>	15,800	15,900	<b>87,100</b>	
	<b>2014</b>	27,000	28,400	<b>15,500</b>	<b>13,000</b>	<b>83,900</b>	
	<b>2015</b>	<b>24,500</b>	<b>28,700</b>	15,500	13,000	<b>81,700</b>	
	<b>2016</b>	24,500	28,700	15,500	13,000	<b>81,700</b>	
	<b>2017</b>	<b>25,400</b>	<b>22,400</b>	15,500	13,000	<b>76,300</b>	
	<b>2018</b>	25,400	22,400	<b>16,700</b>	<b>13,200</b>	<b>77,700</b>	
	<b>2019</b>	<b>22,700</b>	<b>21,200</b>	16,700	13,200	<b>73,800</b>	
	<b>2020</b>	22,700	21,200	16,700	13,200	<b>73,800</b>	

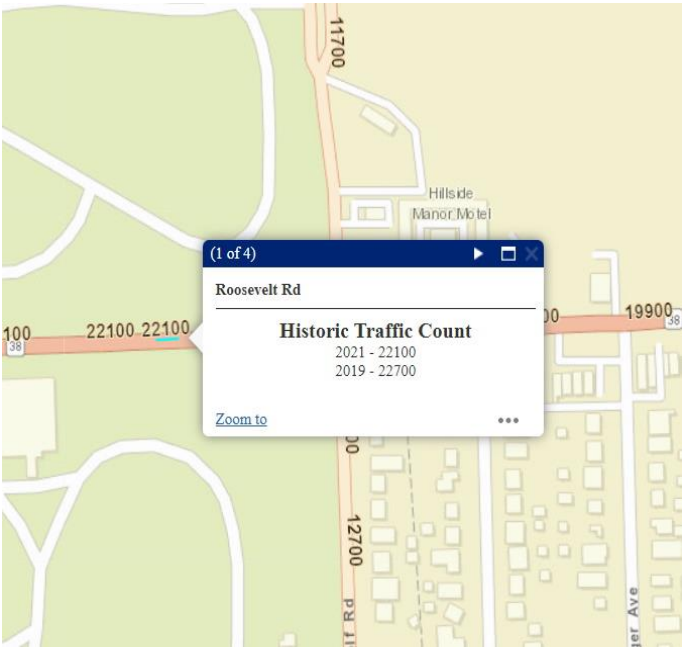
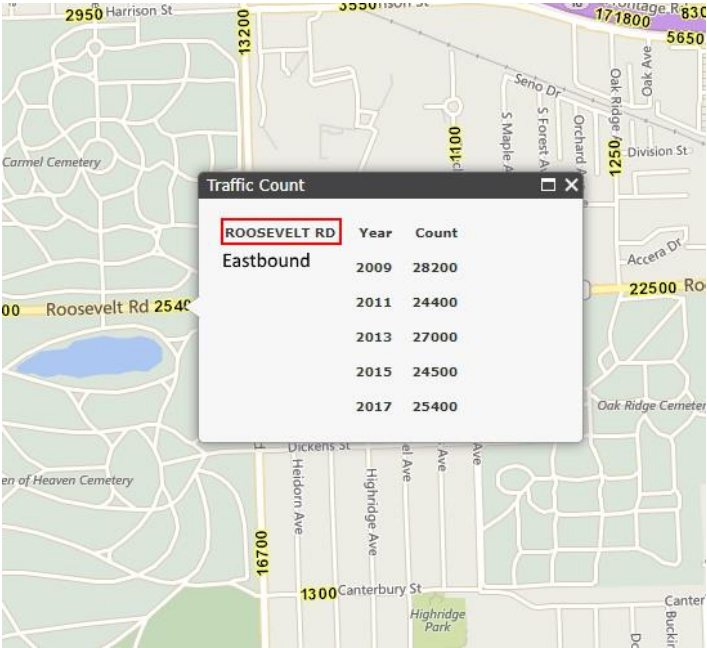
Prior to RLR camera installation, in 2010, the combined ADTC was 84,200.

From 2012-2020, post RLR camera installation, the combined average of ADTC was 79,667 - a reduction of 5.38%.

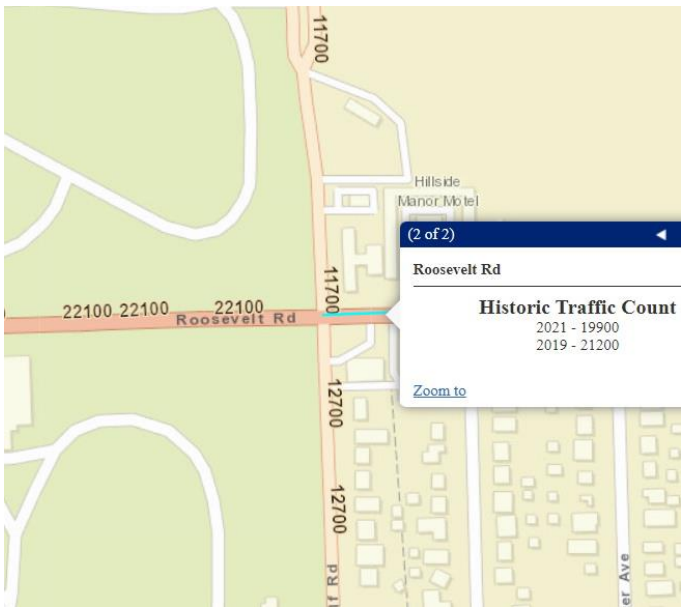
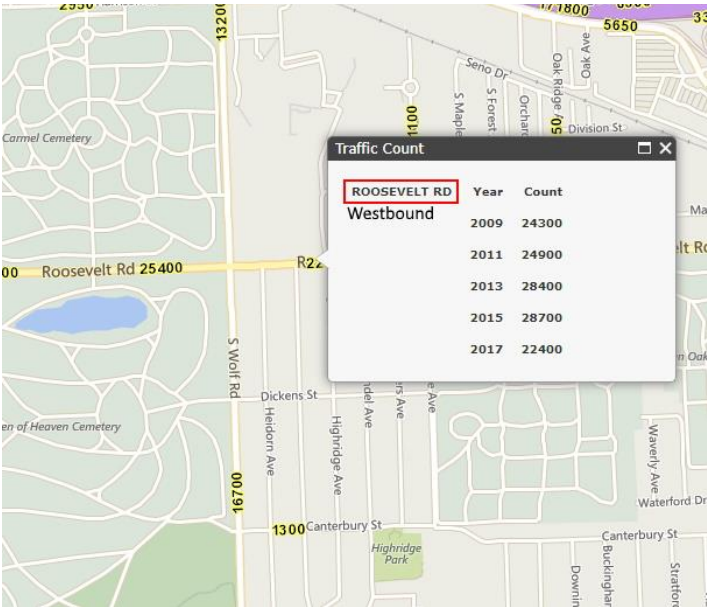
The following page shows the complete ADTC data from 2010-2020 obtained from the IDOT's website.

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.

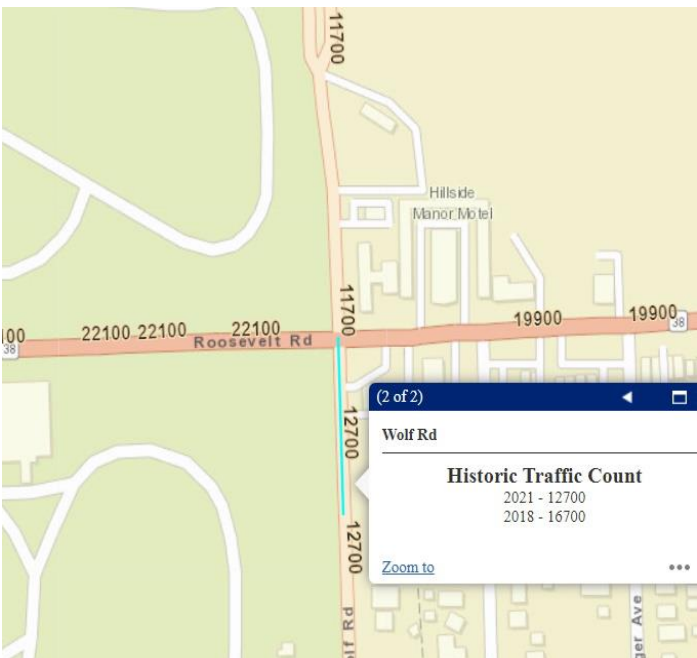
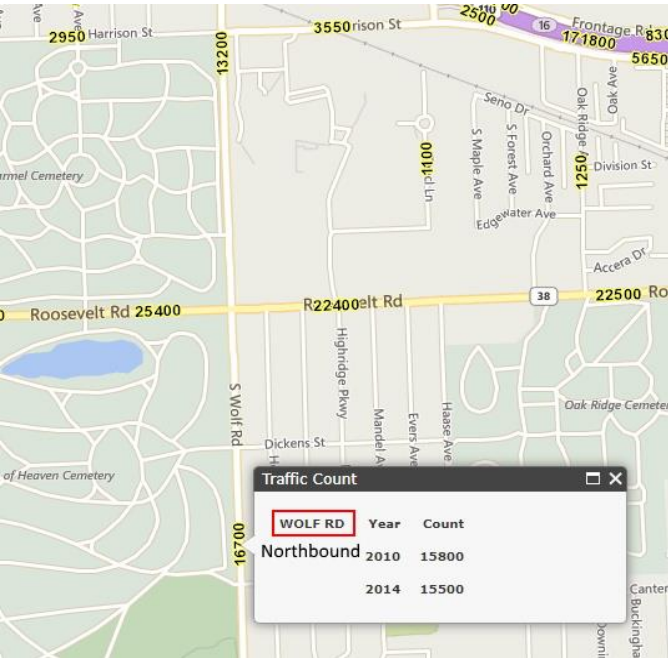
Eastbound ADTC



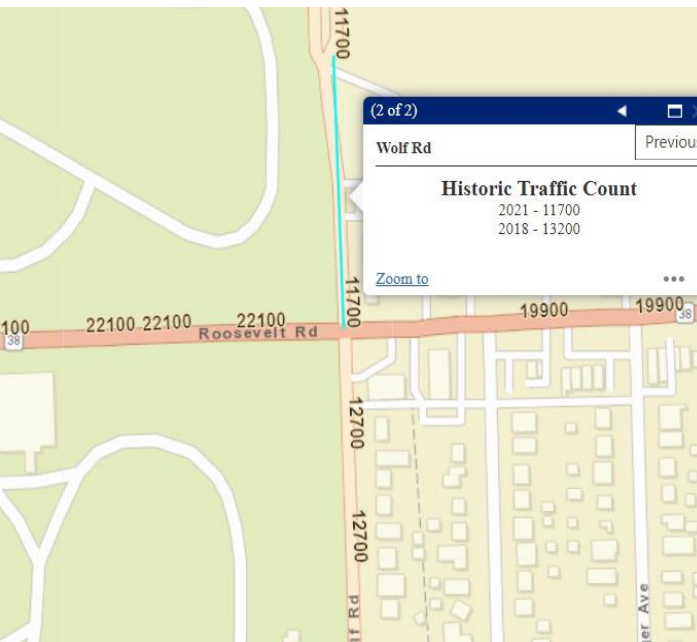
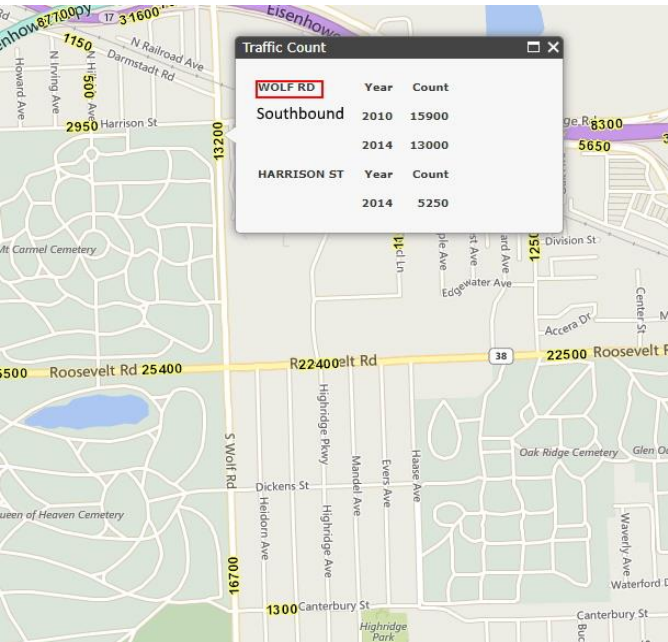
Westbound ADTC



Northbound ADTC



Southbound ADTC





## 4. Summary of Adjudication

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

	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>In Person</b>	68	99	42
<b>By Mail</b>	114	114	53



## **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, in 2010, the combined ADTC was 84,200. From 2012-2020, post RLR camera installation, the combined average of ADTC was 79,667 - a reduction of 5.38%. (See tab 3)

From 2008-2010, prior to RLR camera installation, there were 52 total crashes; this averages out to 17.33 crashes a year. From 2012-2020, post RLR camera installation, there were 105 total crashes; this averages out to 11.67 crashes per year - a 32.69% reduction of overall crashes in direct comparison with the time period aforementioned. (See tab 2)

Following the installation of the RLR camera, total crashes have gone down 32.69% with the reduction of 5.38% in the combined average of ADTC.

After analyzing all of the available data, we believe that the RLR camera currently in operation at the intersection of **Roosevelt Rd and Wolf Rd** in the **Village of Hillside** is making 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.