



# Cal Sag Rd and Cicero Ave

<Westbound, Northbound and Southbound>



## Crestwood, IL RLR Follow-Up Evaluation Report

(Amendatory Act of the 103rd General Assembly)

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Reference No: 016-65546  
April 2024

# VILLAGE OF CRESTWOOD POLICE DEPARTMENT

13840 SOUTH CICERO AVENUE • CRESTWOOD, ILLINOIS 60418 • PHONE (708) 371-4800

April 23, 2024

**David T. Weigand**  
Chief of Police

Jonathan E. Karabowicz, P.E.  
Acting Area Permit Engineer

Illinois Department of Transportation  
Bureau of Traffic  
201 West Center Court  
Schaumburg, Illinois 60196-1096

Re: RLR 1 Year Follow-Up Evaluation Report  
Cal Sag Rd and Cicero Ave (Westbound, Northbound and Southbound)  
Village of Crestwood  
Ref #: 016-65546

Dear Mr. Karabowicz:

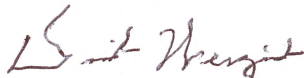
Please find enclosed a copy of the 1 Year RLR Follow-Up Evaluation Report for the intersection of Cal Sag Rd and Cicero Ave (Westbound, Northbound and Southbound), Crestwood, Illinois.

The Village of Crestwood has been diligently submitting all previously required follow-up reports. This report was prepared in compliance with the new law, the amendatory Act of the 103<sup>rd</sup> General Assembly.

Included in this submittal 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 708-371-4800, [dweigand@crestwood.illinois.gov](mailto:dweigand@crestwood.illinois.gov).

Best Regards,



David Weigand  
Chief of Police

## 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

This report is prepared according to the amendatory Act of the 103<sup>rd</sup> General Assembly (k-8). Please note that 2023 data was not included in this report as 2023 crash data has not yet been released by the IDOT.

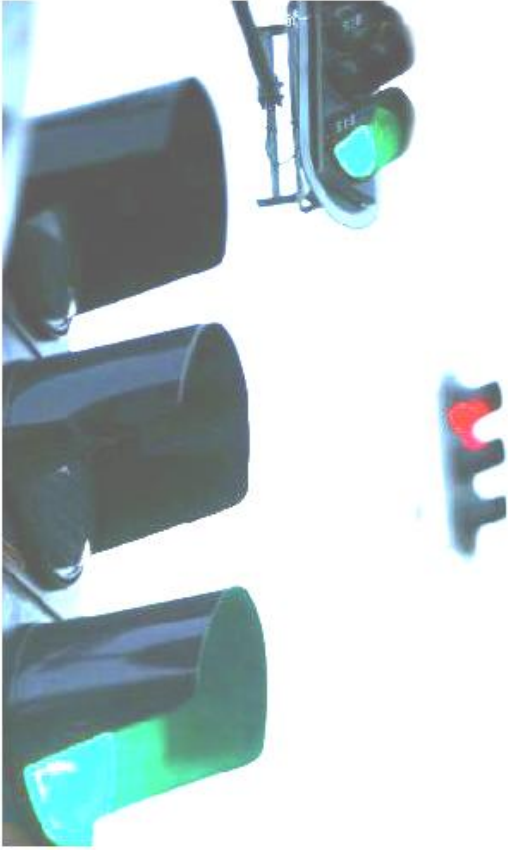
In 2016, the **Village of Crestwood** received approval from the Illinois Department of Transportation (IDOT) to install the current Red Light Running (RLR) cameras on the **Westbound, Northbound and Southbound** approaches at the intersection of **Cal Sag Rd and Cicero Ave.**

- Date on which the cameras went live on the Westbound, Northbound and Southbound approaches: **06/2016**
- Date on which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **11/2019**
- Date on which the 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **05/2022**
- Date on which the cameras were deactivated and removed due to construction: **06/2023**

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>AllTech Tracking, 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@alltechtracking.com">info@alltechtracking.com</a></p> <p>Key Contact: Ryan Kim, P.E. Phone: (312) 924-7248 Email: <a href="mailto:rkim@alltechtracking.com">rkim@alltechtracking.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 **Cal Sag Rd and Cicero Ave** over a span of 10 years\*.

	Angle	Head On	Turning	Rear End	Sideswipe	Fixed/Other Object	Total
<b>2013</b>	1	0	7	12	1	0	21
<b>2014</b>	0	0	10	11	0	0	21
<b>2015</b>	1	0	10	7	1	1	20
<b>2016</b>	1	1	7	16	0	0	25
<b>2017</b>	0	0	6	12	2	0	20
<b>2018</b>	0	1	9	12	3	0	25
<b>2019</b>	0	0	3	12	0	2	17
<b>2020</b>	1	0	10	5	2	1	19
<b>2021</b>	0	0	13	3	1	2	19
<b>2022</b>	0	0	8	5	0	2	15

The data from 2013-2015 shows the period prior to the installation of the RLR cameras.

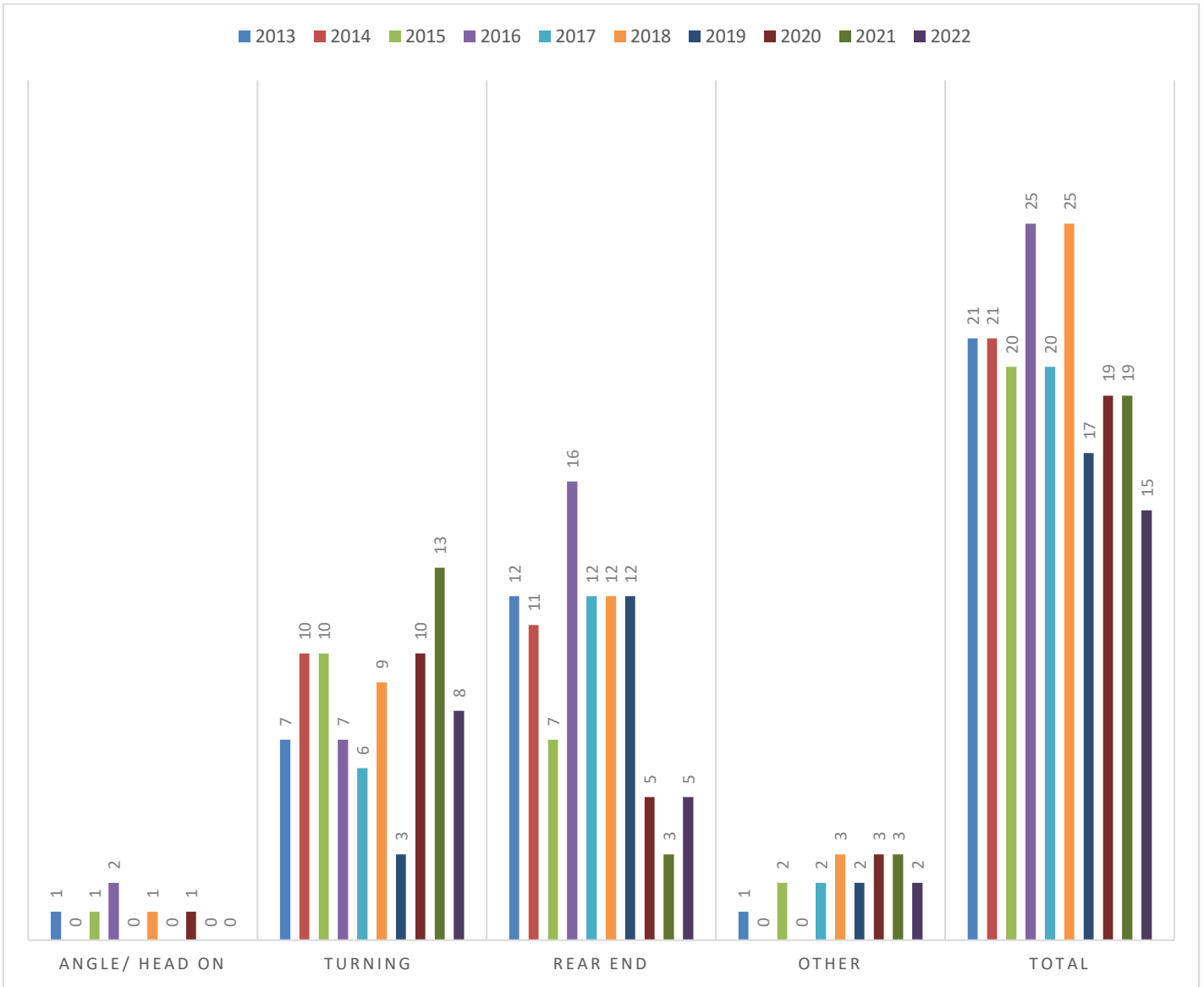
The data from 2016 shows the year in which the cameras were installed.

The data from 2017-2022 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.



The Chart below shows the trend of each crash type from 2013-2022.



	Type Year	Angle/ Head On	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	2013	1	7	12	1	21	20.67
	2014	0	10	11	0	21	
	2015	1	10	7	2	20	
	2016	2	7	16	0	25	
After Installation	2017	0	6	12	2	20	19.17
	2018	1	9	12	3	25	
	2019	0	3	12	2	17	
	2020	1	10	5	3	19	
	2021	0	13	3	3	19	
	2022	0	8	5	2	15	

\* Other crashes include: Sideswipe and Fixed/Other Object.

From 2013-2015, prior to RLR camera installation, there were 62 total crashes; this averages out to 20.67 crashes a year.

From 2017-2022, post RLR camera installation, there were 115 total crashes; this averages out to 19.17 crashes per year - a 7.26% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2013-2022. 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

1/1/2013 to 12/31/2013

Crash Route: IL050 | From MileStation 40.05 to 40.05 | 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
21	0	2	1	1	17	0	7	3	1	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.8%	Monday	5	23.8%	04 AM	1	4.8%	Passenger	35	81.4%
Rear End	12	57.1%	Tuesday	4	19.0%	06 AM	2	9.5%	Pickup	1	2.3%
Sideswipe Same Direction	1	4.8%	Wednesday	1	4.8%	07 AM	1	4.8%	SUV	3	7.0%
Turning	7	33.3%	Thursday	5	23.8%	09 AM	1	4.8%	Tractor With Semi-Trailer	3	7.0%
<b>TOTAL:</b>	<b>21</b>		Friday	2	9.5%	11 AM	4	19.0%	Van/Mini-Van	1	2.3%
			Saturday	3	14.3%	Noon	3	14.3%	<b>TOTAL:</b>	<b>43</b>	
			Sunday	1	4.8%	1 PM	1	4.8%			
			<b>TOTAL:</b>	<b>21</b>		2 PM	1	4.8%			
						4 PM	3	14.3%			
						7 PM	2	9.5%			
						8 PM	1	4.8%			
						10 PM	1	4.8%			
						<b>TOTAL:</b>	<b>21</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	15	71.4%	Darkness	4	19.0%	Dry	14	66.7%	East	8	18.6%
Rain	5	23.8%	Darkness/ Lighted Road	2	9.5%	Snow or Slush	1	4.8%	North	13	30.2%
Snow	1	4.8%	Daylight	14	66.7%	Wet	6	28.6%	South	12	27.9%
<b>TOTAL:</b>	<b>21</b>		Dusk	1	4.8%	<b>TOTAL:</b>	<b>21</b>		Southeast	2	4.7%
			<b>TOTAL:</b>	<b>21</b>					West	8	18.6%
									<b>TOTAL:</b>	<b>43</b>	

### Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2960215.3925607 : YCoordinate 1825488.37881046 | 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>21</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>17</u>	<u>0</u>	<u>5</u>	<u>1</u>	<u>2</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	11	52.4%	Monday	2	9.5%	Midnight	1	4.8%	Passenger	32	72.7%
Turning	10	47.6%	Tuesday	7	33.3%	07 AM	3	14.3%	Pickup	4	9.1%
<b>TOTAL:</b>	<b>21</b>		Thursday	5	23.8%	08 AM	2	9.5%	SUV	5	11.4%
			Friday	2	9.5%	10 AM	1	4.8%	Tractor With Semi-Trailer	1	2.3%
			Saturday	5	23.8%	11 AM	1	4.8%	Unknown	1	2.3%
			<b>TOTAL:</b>	<b>21</b>		Noon	1	4.8%	Van/Mini-Van	1	2.3%
						1 PM	1	4.8%	<b>TOTAL:</b>	<b>44</b>	
						2 PM	1	4.8%			
						3 PM	1	4.8%			
						4 PM	3	14.3%			
						5 PM	2	9.5%			
						8 PM	2	9.5%			
						9 PM	2	9.5%			
						<b>TOTAL:</b>	<b>21</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	85.7%	Darkness, Lighted Road	4	19.0%	Dry	14	66.7%	East	9	20.5%
Cloudy/Overcast	1	4.8%	Daylight	15	71.4%	Ice	5	23.8%	North	11	25.0%
Rain	1	4.8%			Snow or Slush	1	4.8%	Northwest	4	9.1%	

### Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2960214.99718175 : YCoordinate 1825488.63157842 | 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>20</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>2</u>	<u>15</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>6</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	5.0%	Monday	2	10.0%	05 AM	1	5.0%	Passenger	30	69.8%
Fixed Object	1	5.0%	Tuesday	2	10.0%	06 AM	2	10.0%	Pickup	3	7.0%
Rear End	7	35.0%	Wednesday	3	15.0%	09 AM	1	5.0%	SUV	1	2.3%
Sideswipe Same Direction	1	5.0%	Thursday	2	10.0%	10 AM	2	10.0%	Tractor With Semi-Trailer	1	2.3%
Turning	10	50.0%	Friday	3	15.0%	11 AM	1	5.0%	Truck Single Unit	1	2.3%
<b>TOTAL:</b>	<b>20</b>		Saturday	3	15.0%	1 PM	2	10.0%	Van/Mini-Van	7	16.3%
			Sunday	5	25.0%	2 PM	2	10.0%	<b>TOTAL:</b>	<b>43</b>	
			<b>TOTAL:</b>	<b>20</b>		3 PM	1	5.0%			
						4 PM	1	5.0%			
						5 PM	1	5.0%			
						6 PM	3	15.0%			
						7 PM	1	5.0%			
						8 PM	1	5.0%			
						9 PM	1	5.0%			
						<b>TOTAL:</b>	<b>20</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	10	50.0%	Darkness	1	5.0%	Dry	10	50.0%	East	5	11.6%
Rain	8	40.0%	Darkness, Lighted Road	6	30.0%	Snow or Slush	1	5.0%	North	16	37.2%

### Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2960214.99718175 : YCoordinate 1825488.63157842 | Foot Tolerance : 150 | 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>25</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>23</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>1</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.0%	Monday	2	8.0%	04 AM	1	4.0%	Passenger	37	67.3%
Head On	1	4.0%	Tuesday	3	12.0%	08 AM	2	8.0%	Pickup	3	5.5%
Rear End	16	64.0%	Wednesday	3	12.0%	09 AM	2	8.0%	SUV	11	20.0%
Turning	7	28.0%	Thursday	4	16.0%	10 AM	1	4.0%	Tractor With Semi-Trailer	1	1.8%
<b>TOTAL:</b>	<b>25</b>		Friday	7	28.0%	11 AM	2	8.0%	Unknown	1	1.8%
			Saturday	3	12.0%	Noon	2	8.0%	Van/Mini-Van	2	3.6%
			Sunday	3	12.0%	2 PM	4	16.0%	<b>TOTAL:</b>	<b>55</b>	
			<b>TOTAL:</b>	<b>25</b>		3 PM	3	12.0%			
						4 PM	1	4.0%			
						5 PM	3	12.0%			
						6 PM	1	4.0%			
						7 PM	1	4.0%			
						11 PM	2	8.0%			
						<b>TOTAL:</b>	<b>25</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	20	80.0%	Darkness	1	4.0%	Dry	22	88.0%	East	11	20.0%
Cloudy/Overcast	2	8.0%	Darkness, Lighted Road	4	16.0%	Wet	3	12.0%	North	22	40.0%
Fog/Smoke/Haze	1	4.0%	Dawn	1	4.0%	<b>TOTAL:</b>	<b>25</b>		Northwest	3	5.5%

### Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2960214.99718175 : YCoordinate 1825488.63157842 | 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>20</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>19</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	12	60.0%	Monday	6	30.0%	Midnight	1	5.0%	Motorcycle (Over 150cc)	1	2.5%
Sideswipe Same Direction	2	10.0%	Tuesday	1	5.0%	02 AM	1	5.0%	Other Vehicle With Trailer	1	2.5%
Turning	6	30.0%	Wednesday	2	10.0%	05 AM	1	5.0%	Passenger	30	75.0%
<b>TOTAL:</b>	<b>20</b>		Thursday	3	15.0%	10 AM	1	5.0%	Pickup	3	7.5%
			Friday	4	20.0%	11 AM	3	15.0%	SUV	4	10.0%
			Saturday	2	10.0%	1 PM	2	10.0%	Van/Mini-Van	1	2.5%
			Sunday	2	10.0%	2 PM	1	5.0%	<b>TOTAL:</b>	<b>40</b>	
			<b>TOTAL:</b>	<b>20</b>		3 PM	6	30.0%			
						4 PM	1	5.0%			
						5 PM	2	10.0%			
						9 PM	1	5.0%			
						<b>TOTAL:</b>	<b>20</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	16	80.0%	Darkness	1	5.0%	Dry	16	80.0%	East	12	30.0%
Cloudy/Overcast	1	5.0%	Darkness, Lighted Road	3	15.0%	Snow or Slush	2	10.0%	North	9	22.5%
Rain	1	5.0%	Dawn	1	5.0%	Wet	2	10.0%	Northwest	1	2.5%
Snow	2	10.0%	Daylight	14	70.0%	<b>TOTAL:</b>	<b>20</b>		South	11	27.5%
<b>TOTAL:</b>	<b>20</b>								Southeast	2	5.0%

### Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2960213.777 : YCoordinate 1825493.204 | Foot Tolerance : 150 | 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>25</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>20</u>	<u>0</u>	<u>9</u>	<u>0</u>	<u>6</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Front	1	4.0%	Monday	4	16.0%	01 AM	1	4.0%	Passenger	37	66.1%
Front to Rear	12	48.0%	Wednesday	6	24.0%	06 AM	1	4.0%	Pickup	6	10.7%
Sideswipe Opposite Direction	1	4.0%	Thursday	3	12.0%	07 AM	1	4.0%	SUV	11	19.6%
Sideswipe Same Direction	2	8.0%	Friday	4	16.0%	08 AM	2	8.0%	Van/Mini-Van	2	3.6%
Turning	9	36.0%	Saturday	5	20.0%	11 AM	1	4.0%	<b>TOTAL:</b>	<b>56</b>	
<b>TOTAL:</b>	<b>25</b>		Sunday	3	12.0%	Noon	2	8.0%			
			<b>TOTAL:</b>	<b>25</b>		1 PM	4	16.0%			
						2 PM	2	8.0%			
						3 PM	1	4.0%			
						4 PM	1	4.0%			
						5 PM	2	8.0%			
						6 PM	4	16.0%			
						8 PM	1	4.0%			
						9 PM	1	4.0%			
						10 PM	1	4.0%			
						<b>TOTAL:</b>	<b>25</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	14	56.0%	Darkness	1	4.0%	Dry	17	68.0%	East	7	12.5%



### Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2960216.675 : YCoordinate 1825490.72 | 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>17</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>15</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	1	5.9%	Tuesday	4	23.5%	06 AM	1	5.9%	Motorcycle	1	2.9%
Front to Rear	11	64.7%	Wednesday	3	17.6%	07 AM	1	5.9%	Other	1	2.9%
Other Object	1	5.9%	Thursday	1	5.9%	08 AM	1	5.9%	Passenger	21	61.8%
Rear to Front	1	5.9%	Friday	4	23.5%	10 AM	1	5.9%	Pickup	2	5.9%
Turning	3	17.6%	Saturday	2	11.8%	Noon	1	5.9%	SUV	4	11.8%
<b>TOTAL:</b>	<b>17</b>		Sunday	3	17.6%	1 PM	4	23.5%	Tractor With Semi-Trailer	1	2.9%
			<b>TOTAL:</b>	<b>17</b>		2 PM	4	23.5%	Van/Mini-Van	4	11.8%
						3 PM	1	5.9%	<b>TOTAL:</b>	<b>34</b>	
						6 PM	1	5.9%			
						8 PM	1	5.9%			
						11 PM	1	5.9%			
						<b>TOTAL:</b>	<b>17</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	12	70.6%	Darkness, Lighted Road	2	11.8%	Dry	15	88.2%	East	6	17.6%
Cloudy/Overcast	3	17.6%	Dawn	1	5.9%	Wet	2	11.8%	North	14	41.2%
Rain	1	5.9%	Daylight	14	82.4%	<b>TOTAL:</b>	<b>17</b>		Northwest	1	2.9%
Snow	1	5.9%	<b>TOTAL:</b>	<b>17</b>					South	9	26.5%
<b>TOTAL:</b>	<b>17</b>								Southeast	1	2.9%

### Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2960216.675 : YCoordinate 1825490.72 | 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>0</u>	<u>3</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>3</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	5.3%	Monday	2	10.5%	Midnight	1	5.3%	Passenger	27	73.0%
Fixed Object	1	5.3%	Tuesday	4	21.1%	01 AM	1	5.3%	Pickup	5	13.5%
Front to Rear	5	26.3%	Wednesday	5	26.3%	02 AM	1	5.3%	SUV	2	5.4%
Sideswipe Same Direction	2	10.5%	Friday	2	10.5%	04 AM	1	5.3%	Unknown	1	2.7%
Turning	10	52.6%	Saturday	3	15.8%	05 AM	2	10.5%	Van/Mini-Van	2	5.4%
<b>TOTAL:</b>	<b>19</b>		Sunday	3	15.8%	11 AM	1	5.3%	<b>TOTAL:</b>	<b>37</b>	
			<b>TOTAL:</b>	<b>19</b>		Noon	3	15.8%			
						1 PM	1	5.3%			
						2 PM	1	5.3%			
						3 PM	3	15.8%			
						5 PM	3	15.8%			
						7 PM	1	5.3%			
						<b>TOTAL:</b>	<b>19</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	17	89.5%	Darkness, Lighted Road	3	15.8%	Dry	18	94.7%	East	1	2.7%
Rain	1	5.3%	Daylight	16	84.2%	Wet	1	5.3%	North	6	16.2%
Snow	1	5.3%	<b>TOTAL:</b>	<b>19</b>		<b>TOTAL:</b>	<b>19</b>		Northwest	3	8.1%
<b>TOTAL:</b>	<b>19</b>								South	11	29.7%

### Coordinate Collision Diagram Report

1/1/2021 to 12/31/2021

For XCoordinate 2960214.605 : YCoordinate 1825487.409 | 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>0</u>	<u>5</u>	<u>3</u>	<u>11</u>	<u>0</u>	<u>15</u>	<u>0</u>	<u>10</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	1	5.3%	Monday	2	10.5%	01 AM	1	5.3%	Passenger	29	69.0%
Front to Rear	3	15.8%	Tuesday	2	10.5%	05 AM	1	5.3%	Pickup	7	16.7%
Other Object	1	5.3%	Wednesday	3	15.8%	07 AM	1	5.3%	Single Unit Truck with Trailer	1	2.4%
Sideswipe Same Direction	1	5.3%	Thursday	5	26.3%	08 AM	1	5.3%	SUV	4	9.5%
Turning	13	68.4%	Friday	1	5.3%	09 AM	1	5.3%	Van/Mini-Van	1	2.4%
<b>TOTAL:</b>	<b>19</b>		Saturday	3	15.8%	11 AM	4	21.1%	<b>TOTAL:</b>	<b>42</b>	
			Sunday	3	15.8%	Noon	1	5.3%			
			<b>TOTAL:</b>	<b>19</b>		1 PM	1	5.3%			
						3 PM	3	15.8%			
						4 PM	1	5.3%			
						6 PM	2	10.5%			
						7 PM	2	10.5%			
						<b>TOTAL:</b>	<b>19</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	16	84.2%	Darkness, Lighted Road	3	15.8%	Dry	14	73.7%	East	5	11.9%
Cloudy/Overcast	1	5.3%	Daylight	15	78.9%	Snow or Slush	1	5.3%	North	12	28.6%
Rain	1	5.3%	Dusk	1	5.3%	Wet	4	21.1%	Northwest	3	7.1%
			<b>TOTAL:</b>	<b>19</b>		<b>TOTAL:</b>	<b>19</b>		South	12	28.6%

### Coordinate Collision Diagram Report

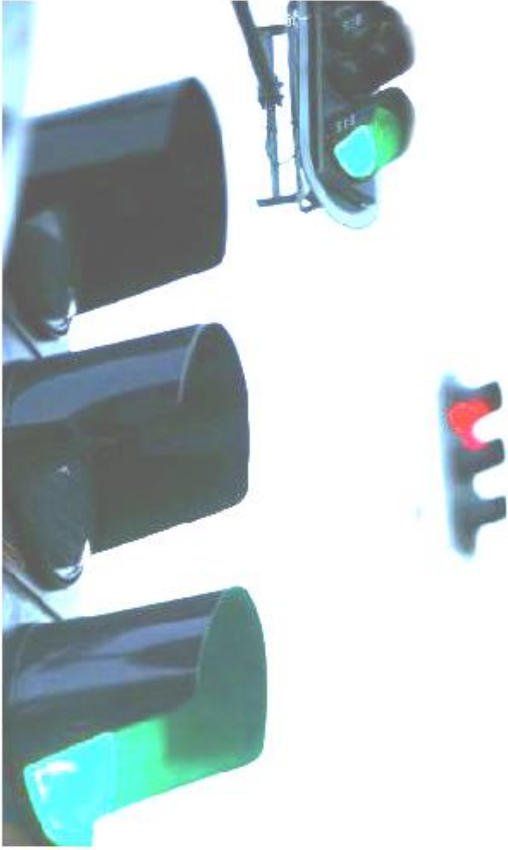
1/1/2022 to 12/31/2022

For XCoordinate 2960216.281 : YCoordinate 1825489.919 | 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>15</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>11</u>	<u>0</u>	<u>9</u>	<u>0</u>	<u>2</u>	<u>7</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	2	13.3%	Monday	3	20.0%	02 AM	1	6.7%	Passenger	24	77.4%
Front to Rear	5	33.3%	Wednesday	2	13.3%	06 AM	1	6.7%	Pickup	1	3.2%
Turning	8	53.3%	Thursday	3	20.0%	09 AM	1	6.7%	SUV	4	12.9%
<b>TOTAL:</b>	<b>15</b>		Saturday	4	26.7%	10 AM	1	6.7%	Truck Single Unit	1	3.2%
			Sunday	3	20.0%	11 AM	1	6.7%	Unknown	1	3.2%
			<b>TOTAL:</b>	<b>15</b>		Noon	1	6.7%	<b>TOTAL:</b>	<b>31</b>	
						1 PM	1	6.7%			
						3 PM	1	6.7%			
						4 PM	1	6.7%			
						5 PM	2	13.3%			
						6 PM	1	6.7%			
						7 PM	1	6.7%			
						8 PM	1	6.7%			
						10 PM	1	6.7%			
						<b>TOTAL:</b>	<b>15</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	60.0%	Darkness, Lighted Road	6	40.0%	Dry	9	60.0%	East	5	16.1%
Freezing Rain	1	6.7%			Snow or Slush	1	6.7%	North	7	22.6%	



### 3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Cal Sag Rd and Cicero Ave** over a span of 10 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 2013-2015 shows the period prior to the installation of the RLR cameras.

The data from 2016 shows the year in which the cameras were installed.

The data from 2017-2022 shows the period following the installation.

	Direction	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
	Year						
<b>Before Installation</b>	<b>2013</b>	13,700	13,700	<b>39,100</b>	<b>39,100</b>	<b>105,600</b>	<b>98,400</b>
	<b>2014</b>	<b>9,650</b>	<b>9,650</b>	39,100	39,100	<b>97,500</b>	
	<b>2015</b>	9,650	9,650	<b>36,400</b>	<b>36,400</b>	<b>92,100</b>	
	<b>2016</b>	9,650	9,650	36,400	36,400	<b>92,100</b>	
<b>After Installation</b>	<b>2017</b>	9,650	9,650	<b>36,800</b>	<b>36,900</b>	<b>93,000</b>	<b>95,417</b>
	<b>2018</b>	<b>12,900</b>	<b>12,900</b>	36,800	36,900	<b>99,500</b>	
	<b>2019</b>	12,900	12,900	<b>32,700</b>	<b>33,800</b>	<b>92,300</b>	
	<b>2020</b>	12,900	12,900	32,700	33,800	<b>92,300</b>	
	<b>2021</b>	12,900	12,900	<b>40,400</b>	<b>31,500</b>	<b>97,700</b>	
	<b>2022</b>	12,900	12,900	40,400	31,500	<b>97,700</b>	

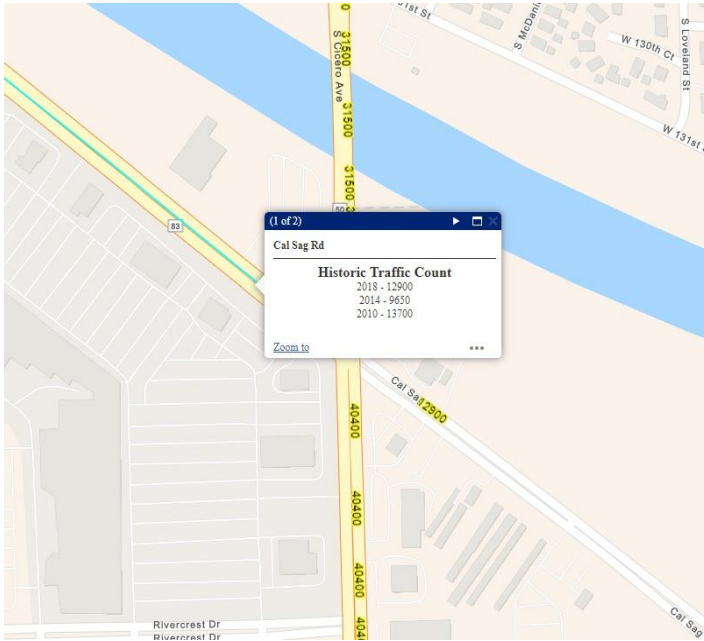
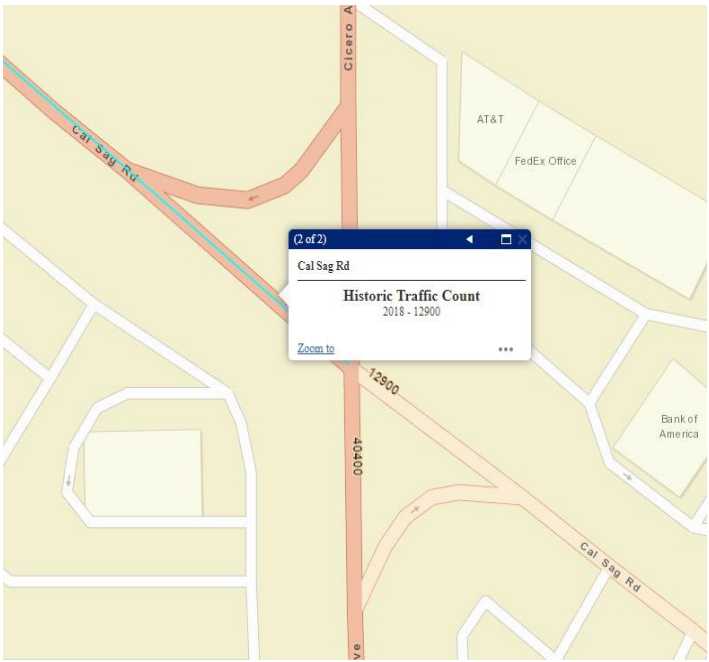
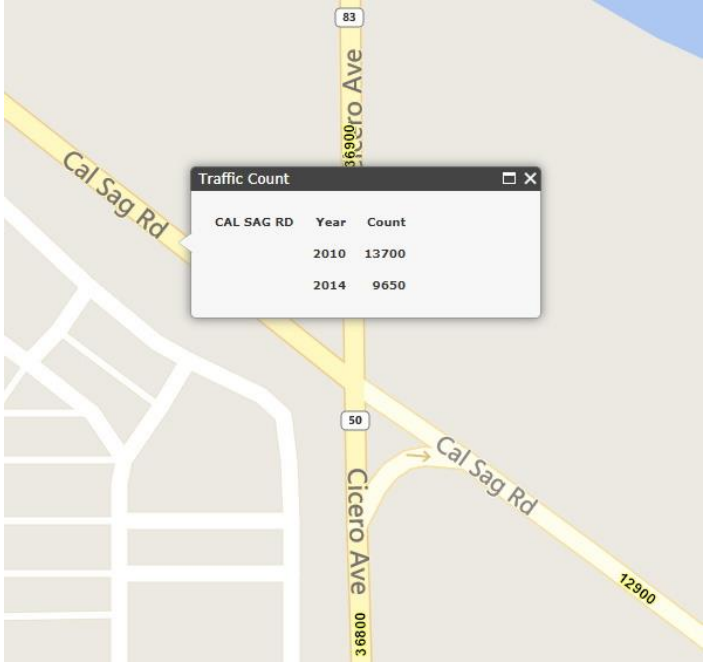
From 2013-2015, prior to RLR camera installation, the combined average of ADTC was 98,400.

From 2017-2022, post RLR camera installation, the combined average of ADTC was 95,417 - a slight reduction of 3.03%.

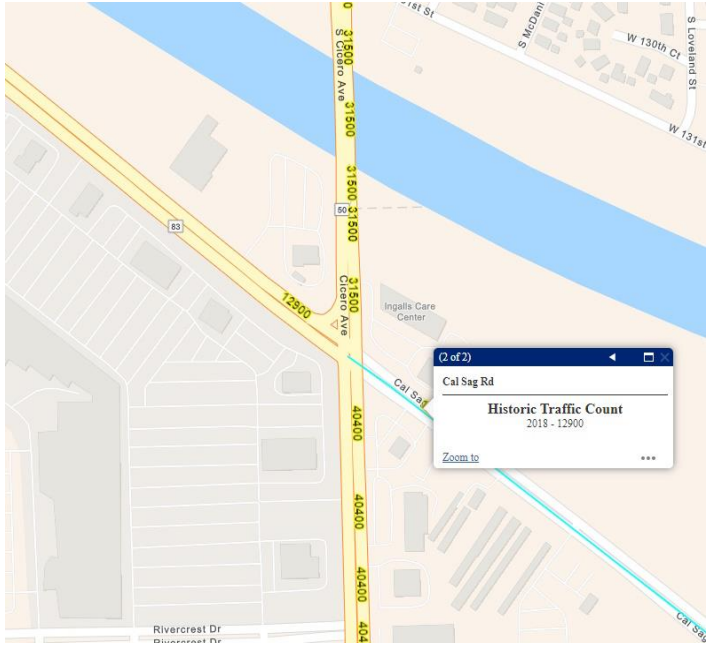
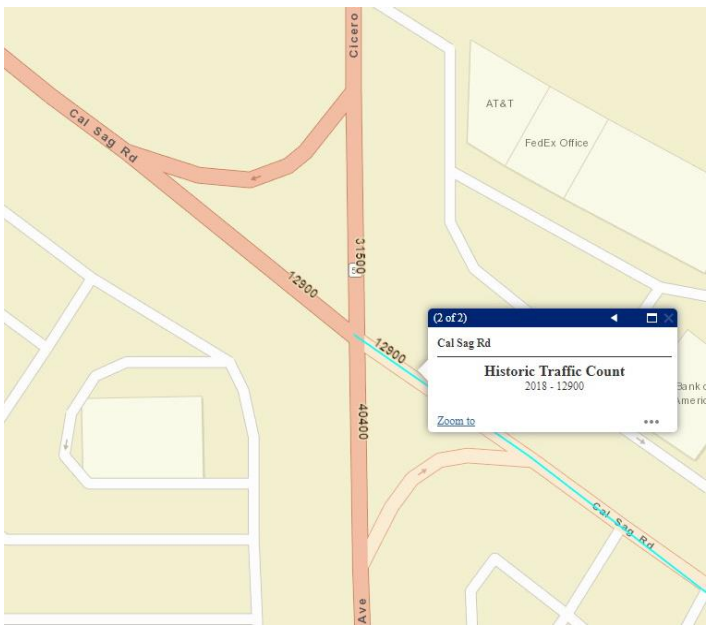
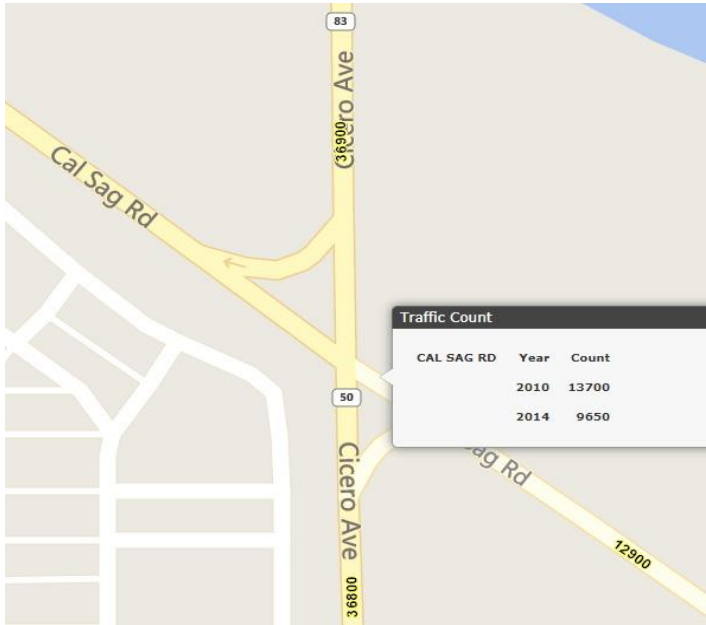
The following pages show the complete ADTC data from 2013-2022 obtained from the IDOT's website.

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

**Eastbound ADTC**

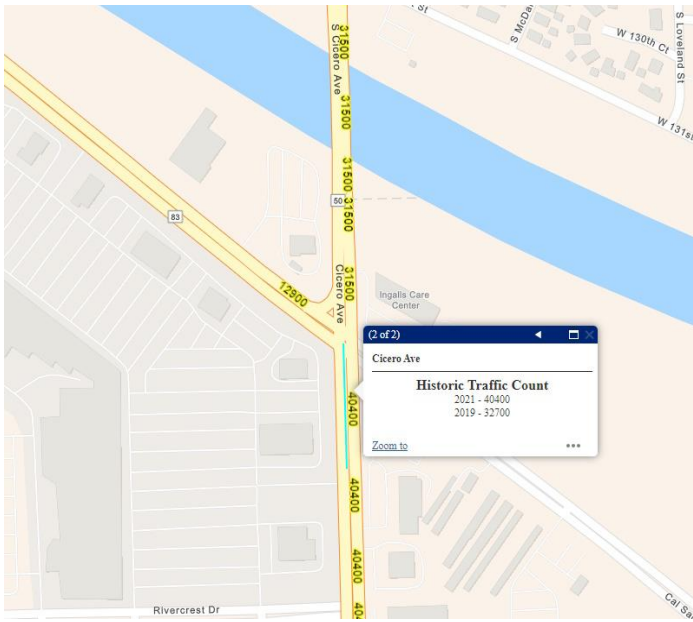
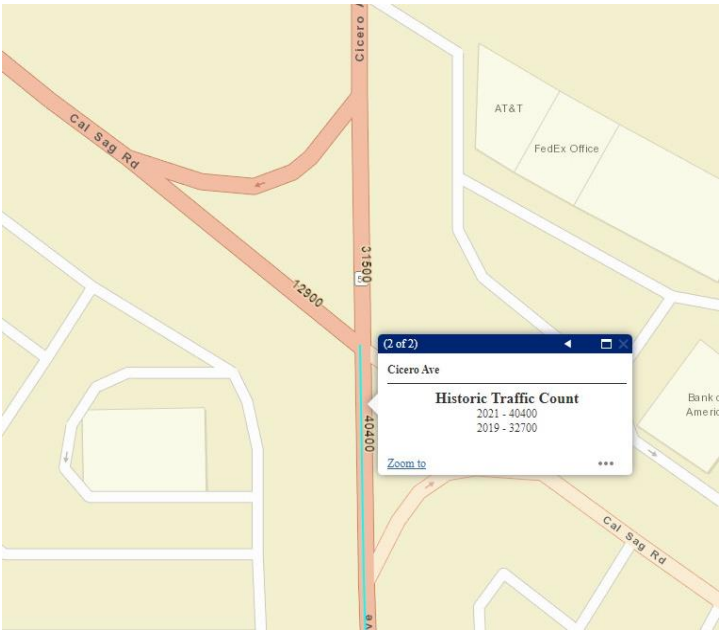
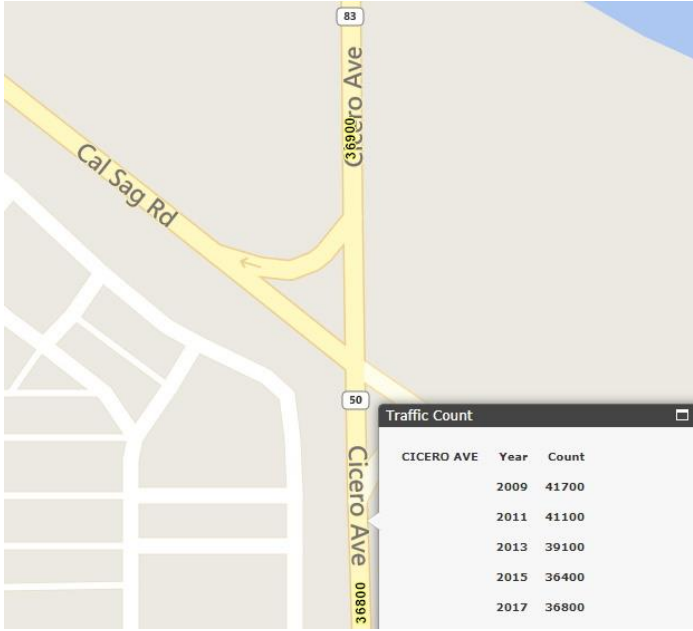


# Westbound ADTC

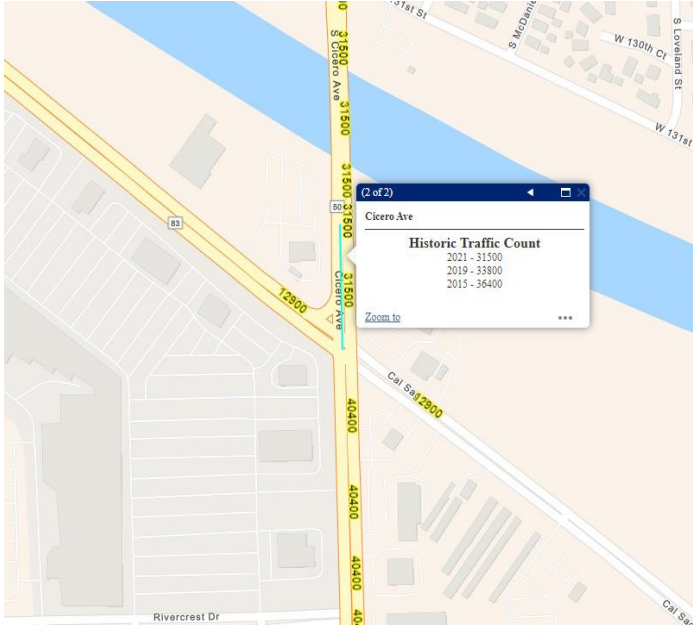
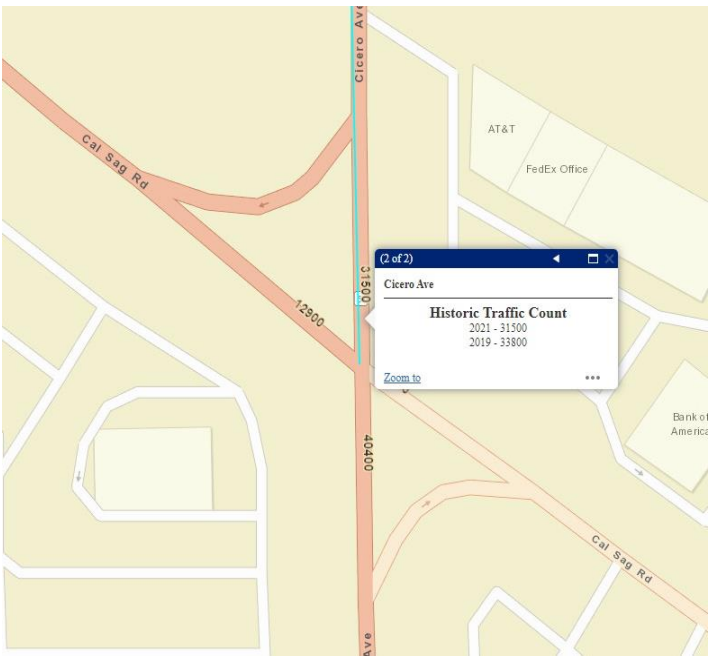
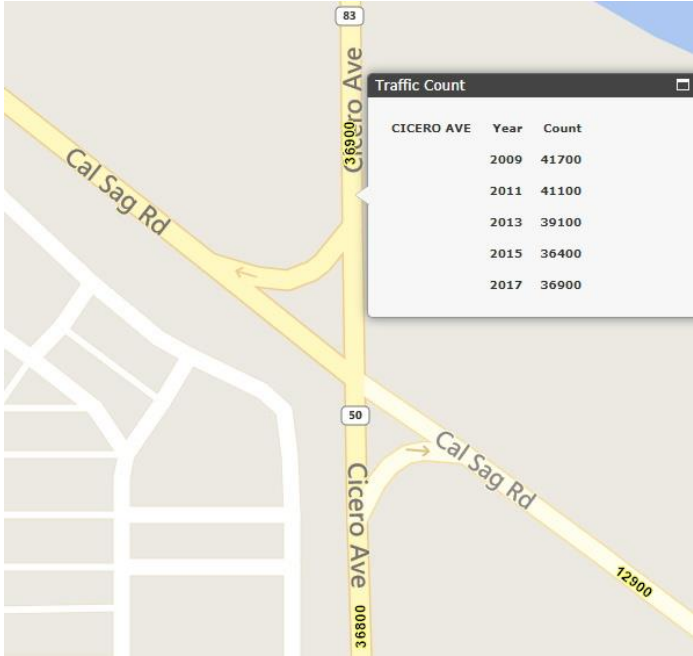




# Northbound ADTC



# Southbound ADTC





## 4. Summary of Adjudication

The summary of tickets contested “in person” and “by mail” for the **Westbound** approach of **Cal Sag Rd and Cicero Ave** from 2021 to 2022.

	<b>2021</b>	<b>2022</b>
<b>In Person</b>	59	50
<b>By Mail</b>	31	49

The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **Cal Sag Rd and Cicero Ave** from 2021 to 2022.

	<b>2021</b>	<b>2022</b>
<b>In Person</b>	91	138
<b>By Mail</b>	71	70

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **Cal Sag Rd and Cicero Ave** from 2021 to 2022.

	<b>2021</b>	<b>2022</b>
<b>In Person</b>	387	333
<b>By Mail</b>	399	339



## 5. Report Summary and Recommendation

The **Village of Crestwood** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Crestwood** 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.

From 2013-2015, prior to RLR camera installation, the combined average of ADTC was 98,400. From 2017-2022, post RLR camera installation, the combined average of ADTC was 95,417 - a slight reduction of 3.03%. (See tab 3)

From 2013-2015, prior to RLR camera installation, there were 62 total crashes; this averages out to 20.67 crashes a year. From 2017-2022, post RLR camera installation, there were 115 total crashes; this averages out to 19.17 crashes per year - a 7.26% reduction of overall crashes in direct comparison with the time period aforementioned. (See tab 2)

Following the installation of the RLR cameras, total crashes have gone down 7.26% with a reduction of 3.03% in the combined average of ADTC.

After analyzing all of the available data, we believe that the RLR cameras in operation at the intersection of Cal Sag Rd and Cicero Ave in the **Village of Crestwood** were making a contribution toward improving traffic safety. Though, the cameras have been deactivated and removed since June 2023 due to a major road way improvement. As soon as the current construction is completed, the **Village of Crestwood** will apply for reactivation/reinstallation permit to regain those benefits.

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.