



Sauk Trail and Cicero Ave

<Northbound and Southbound>



Richton Park, IL

RLR 3 Year Follow-Up

Evaluation Report

Reference No: 016-73949

June 2023



Village of Richton Park

Department of Police

4455 Sauk Trail • Richton Park, IL 60471
708.283.6393 • Chief's Fax 708.748.6133
Department Fax 708.747.5729 • richtonpark.org

Demitrous C. Cook
Chief of Police

July 12, 2023

Jonathon E. Karabowicz, P.E.
Acting Traffic 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
Sauk Trail and Cicero Ave (North and South)
Village of Richton Park
Ref #: 016-73949

Dear Mr. Karabowicz:

Please find the enclosed copy of the 3 year RLR Follow-Up Evaluation Report for the intersection of Sauk Trail and Cicero Ave, Richton Park, 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 708-481-8956, DCook@richtonpark.org.

Best Regards,

Demitrous Cook
Chief of Police
Village of Richton Park

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

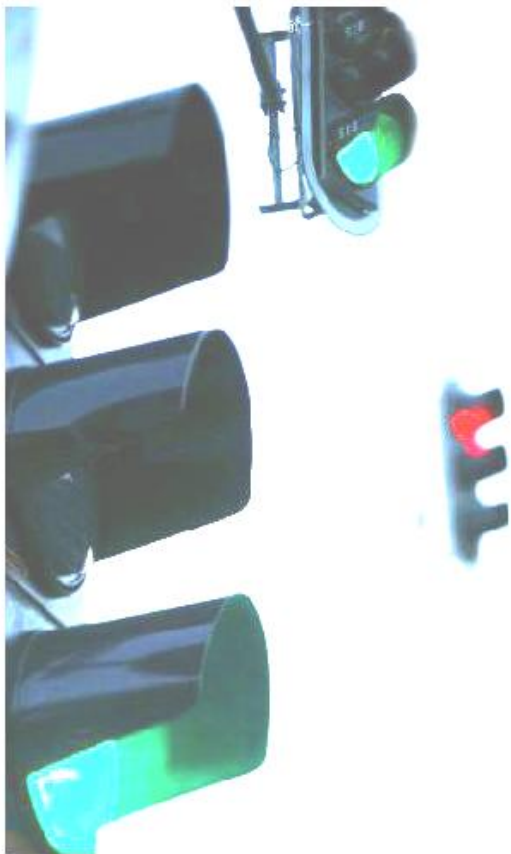
In 2018, the **Village of Richton Park** received approval from the Illinois Department of Transportation (IDOT) to install Red Light Running (RLR) cameras at the **Northbound and Southbound** approaches of **Sauk Trail and Cicero Ave.**

- Year in which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **2021**
- Date on which cameras went live: **04/2018**

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, PE Permit Engineer Phone: (312) 924-7248 Email: rkim@safespeedllc.com</p>	<p>Electrical Contractor</p> <p>Meade Electric Company 9550 West 55 Street McCook, IL 60525</p> <p>Phone: (708) 588-2500 Fax: (708) 588-2501 Email: info@meadeelectric.com Web: meadeelectric.com</p> <p>Key Contact: Michael Knutson Phone: (708) 588-2500 Email: mkk@meade100.com</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 **Sauk Trail and Cicero Ave** over a span of 8 years*.

	Angle	Overturned / Head On	Turning	Rear End	Sideswipe	Fixed Object	Total
2015	0	0	9	13	4	0	26
2016	0	1	6	9	2	0	18
2017	1	0	13	9	1	0	24
2018	3	0	9	9	0	3	24
2019	0	0	8	7	1	2	18
2020	1	0	6	4	0	0	11
2021	2	1	11	9	2	0	25
2022	2	0	13	6	0	1	22

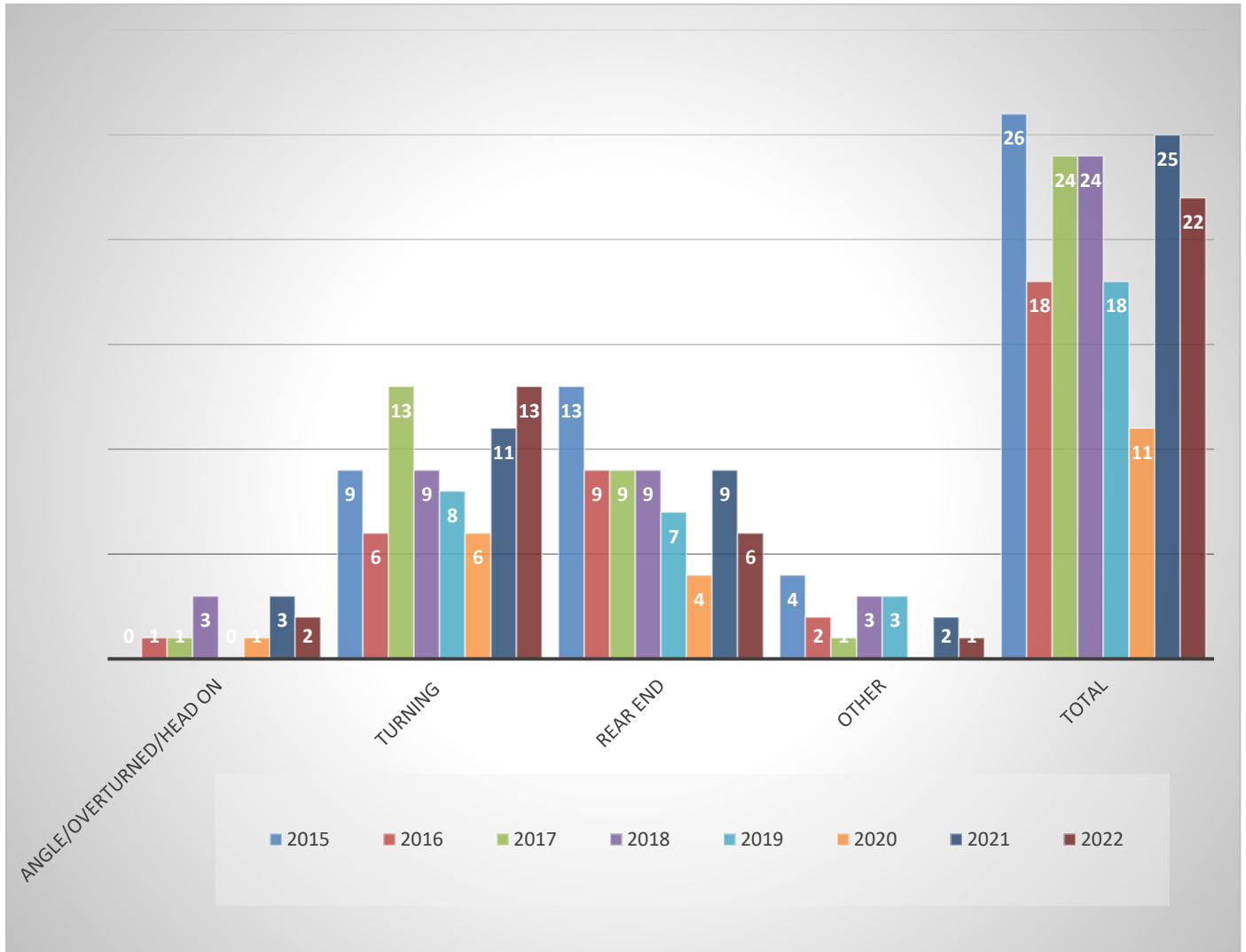
The data from 2015-2017 shows the period prior to the installation of the RLR cameras.

The data from 2018 shows the year in which the cameras were installed.

The data from 2019-2022 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 2015-2022.



		Before Installation			After Installation			
Type \ Year	2015	2016	2017	2018	2019	2020	2021	2022
Angle/Overturned /Head On	0	1	1	3	0	1	3	2
Turning	9	6	13	9	8	6	11	13
Rear End	13	9	9	9	7	4	9	6
Other*	4	2	1	3	3	0	2	1
Total	26	18	24	24	18	11	25	22
Yearly Average	22.67				19			

* Other crashes include: Sideswipe and Fixed Object.

From 2015-2017, prior to RLR camera installation, there were 68 total crashes; this averages out to 22.67 crashes a year.

From 2019-2022, post RLR camera installation, there were 76 total crashes; this averages out to 19 crashes per year - a 16.18% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2015-2022. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.

Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2963578.80129357 : YCoordinate 1764008.8589282 | Foot Tolerance : 200 | 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>26</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>7</u>	<u>18</u>	<u>0</u>	<u>12</u>	<u>0</u>	<u>1</u>	<u>11</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	13	50.0%	Monday	2	7.7%	Midnight	1	3.8%	Other	2	3.8%
Sideswipe Same Direction	4	15.4%	Tuesday	2	7.7%	05 AM	1	3.8%	Passenger	37	69.8%
Turning	9	34.6%	Wednesday	3	11.5%	06 AM	2	7.7%	Pickup	6	11.3%
TOTAL:	26		Thursday	9	34.6%	08 AM	2	7.7%	SUV	7	13.2%
			Friday	6	23.1%	10 AM	1	3.8%	Tractor With Semi-Trailer	1	1.9%
			Saturday	3	11.5%	11 AM	1	3.8%	TOTAL:	53	
			Sunday	1	3.8%	Noon	2	7.7%			
			TOTAL:	26		2 PM	2	7.7%			
						3 PM	3	11.5%			
						4 PM	2	7.7%			
						5 PM	4	15.4%			
						6 PM	2	7.7%			
						7 PM	1	3.8%			
						8 PM	1	3.8%			
						11 PM	1	3.8%			
						TOTAL:	26				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	19	73.1%	Darkness, Lighted Road	6	23.1%	Dry	16	61.5%	East	9	17.0%

Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2963578.938677 : YCoordinate 1764009.214934 | 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>18</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>11</u>	<u>0</u>	<u>16</u>	<u>4</u>	<u>3</u>	<u>9</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Overtaken	1	5.6%	Monday	1	5.6%	07 AM	1	5.6%	Motorcycle (Over 150cc)	3	6.8%
Rear End	9	50.0%	Tuesday	3	16.7%	08 AM	2	11.1%	Passenger	31	70.5%
Sideswipe Same Direction	2	11.1%	Wednesday	3	16.7%	09 AM	1	5.6%	Pickup	2	4.5%
Turning	6	33.3%	Thursday	3	16.7%	10 AM	1	5.6%	SUV	6	13.6%
TOTAL:	18		Friday	1	5.6%	3 PM	2	11.1%	Van/Mini-Van	2	4.5%
			Saturday	4	22.2%	5 PM	2	11.1%	TOTAL:	44	
			Sunday	3	16.7%	6 PM	2	11.1%			
			TOTAL:	18		7 PM	4	22.2%			
						8 PM	2	11.1%			
						9 PM	1	5.6%			
						TOTAL:	18				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	15	83.3%	Darkness	2	11.1%	Dry	12	66.7%	East	12	27.3%
Rain	2	11.1%	Darkness, Lighted Road	3	16.7%	Snow or Slush	2	11.1%	North	9	20.5%
Snow	1	5.6%	Dawn	1	5.6%	Wet	4	22.2%	South	13	29.5%
TOTAL:	18		Daylight	11	61.1%	TOTAL:	18		Southeast	1	2.3%
			Dusk	1	5.6%				West	9	20.5%
			TOTAL:	18					TOTAL:	44	

Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2963579.862 : YCoordinate 1764009.565 | 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>24</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>6</u>	<u>16</u>	<u>0</u>	<u>13</u>	<u>2</u>	<u>0</u>	<u>11</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.2%	Monday	4	16.7%	Midnight	1	4.2%	Other	1	2.1%
Front to Rear	9	37.5%	Tuesday	3	12.5%	02 AM	1	4.2%	Other Vehicle With Trailer	1	2.1%
Sideswipe Same Direction	1	4.2%	Wednesday	3	12.5%	03 AM	1	4.2%	Passenger	29	60.4%
Turning	13	54.2%	Thursday	3	12.5%	04 AM	1	4.2%	Pickup	2	4.2%
TOTAL:	24		Friday	4	16.7%	05 AM	2	8.3%	SUV	7	14.6%
			Saturday	4	16.7%	08 AM	1	4.2%	Truck Single Unit	1	2.1%
			Sunday	3	12.5%	10 AM	1	4.2%	Unknown	4	8.3%
			TOTAL:	24		11 AM	3	12.5%	Van/Mini-Van	3	6.3%
						1 PM	2	8.3%	TOTAL:	48	
						2 PM	2	8.3%			
						3 PM	1	4.2%			
						4 PM	3	12.5%			
						7 PM	1	4.2%			
						8 PM	1	4.2%			
						9 PM	1	4.2%			
						10 PM	1	4.2%			
						11 PM	1	4.2%			
						TOTAL:	24				

Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2963579.862 : YCoordinate 1764009.565 | 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>24</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>7</u>	<u>13</u>	<u>0</u>	<u>20</u>	<u>0</u>	<u>7</u>	<u>13</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	12.5%	Monday	4	16.7%	07 AM	3	12.5%	Other	1	2.0%
Fixed Object	3	12.5%	Tuesday	5	20.8%	08 AM	3	12.5%	Passenger	38	76.0%
Front to Rear	9	37.5%	Wednesday	2	8.3%	09 AM	3	12.5%	SUV	3	6.0%
Turning	9	37.5%	Thursday	3	12.5%	10 AM	3	12.5%	Tractor With Semi-Trailer	2	4.0%
TOTAL:	24		Friday	4	16.7%	11 AM	1	4.2%	Unknown	3	6.0%
			Saturday	5	20.8%	Noon	1	4.2%	Van/Mini-Van	3	6.0%
			Sunday	1	4.2%	1 PM	2	8.3%	TOTAL:	50	
			TOTAL:	24		2 PM	2	8.3%			
						6 PM	3	12.5%			
						7 PM	2	8.3%			
						8 PM	1	4.2%			
						TOTAL:	24				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	13	54.2%	Darkness, Lighted Road	4	16.7%	Dry	16	66.7%	East	18	36.0%
Cloudy/Overcast	4	16.7%	Daylight	19	79.2%	Snow or Slush	2	8.3%	North	7	14.0%
Rain	5	20.8%	Dusk	1	4.2%	Wet	6	25.0%	Northwest	1	2.0%
Snow	2	8.3%	TOTAL:	24		TOTAL:	24		South	7	14.0%
TOTAL:	24								Southwest	1	2.0%

Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2963579.862 : YCoordinate 1764009.565 | 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>18</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>6</u>	<u>10</u>	<u>0</u>	<u>12</u>	<u>0</u>	<u>2</u>	<u>10</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	2	11.1%	Monday	3	16.7%	02 AM	1	5.6%	Other	1	2.5%
Front to Rear	6	33.3%	Tuesday	2	11.1%	04 AM	1	5.6%	Passenger	28	70.0%
Rear to Front	1	5.6%	Thursday	1	5.6%	05 AM	1	5.6%	Pickup	1	2.5%
Sideswipe Same Direction	1	5.6%	Friday	5	27.8%	07 AM	1	5.6%	SUV	5	12.5%
Turning	8	44.4%	Saturday	4	22.2%	08 AM	2	11.1%	Tractor With Semi-Trailer	1	2.5%
TOTAL:	18		Sunday	3	16.7%	10 AM	1	5.6%	Unknown	1	2.5%
			TOTAL:	18		Noon	2	11.1%	Van/Mini-Van	3	7.5%
						2 PM	3	16.7%	TOTAL:	40	
						3 PM	3	16.7%			
						4 PM	1	5.6%			
						5 PM	1	5.6%			
						6 PM	1	5.6%			
						TOTAL:	18				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	61.1%	Darkness	1	5.6%	Dry	10	55.6%	East	13	32.5%
Cloudy/Overcast	3	16.7%	Darkness, Lighted Road	3	16.7%	Snow or Slush	2	11.1%	North	4	10.0%
Rain	3	16.7%	Daylight	12	66.7%	Unknown	1	5.6%	South	7	17.5%

Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2963625.576 : YCoordinate 1764010.378 | 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>2</u>	<u>4</u>	<u>2</u>	<u>3</u>	<u>0</u>	<u>13</u>	<u>4</u>	<u>5</u>	<u>4</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	9.1%	Monday	3	27.3%	09 AM	1	9.1%	Passenger	15	55.6%
Front to Rear	4	36.4%	Tuesday	1	9.1%	10 AM	1	9.1%	Single Unit Truck with Trailer	1	3.7%
Turning	6	54.5%	Thursday	2	18.2%	11 AM	1	9.1%	SUV	7	25.9%
TOTAL:	11		Friday	1	9.1%	1 PM	1	9.1%	Unknown	1	3.7%
			Saturday	4	36.4%	3 PM	2	18.2%	Van/Mini-Van	3	11.1%
			TOTAL:	11		5 PM	1	9.1%	TOTAL:	27	
						6 PM	1	9.1%			
						8 PM	1	9.1%			
						9 PM	2	18.2%			
						TOTAL:	11				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	10	90.9%	Darkness, Lighted Road	4	36.4%	Dry	10	90.9%	East	4	14.8%
Rain	1	9.1%	Daylight	7	63.6%	Wet	1	9.1%	North	2	7.4%
TOTAL:	11		TOTAL:	11		TOTAL:	11		Northwest	1	3.7%
									South	13	48.1%
									Southeast	1	3.7%
									West	6	22.2%
									TOTAL:	27	

Coordinate Collision Diagram Report

1/1/2021 to 12/31/2021

For XCoordinate 2963625.576 : YCoordinate 1764010.378 | 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>25</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>6</u>	<u>17</u>	<u>0</u>	<u>12</u>	<u>1</u>	<u>1</u>	<u>10</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	8.0%	Monday	1	4.0%	01 AM	1	4.0%	Motorcycle	1	1.8%
Front to Front	1	4.0%	Tuesday	5	20.0%	08 AM	1	4.0%	Other Vehicle With Trailer	1	1.8%
Front to Rear	9	36.0%	Wednesday	2	8.0%	11 AM	2	8.0%	Passenger	36	64.3%
Sideswipe Opposite Direction	1	4.0%	Thursday	5	20.0%	Noon	1	4.0%	Pickup	5	8.9%
Sideswipe Same Direction	1	4.0%	Friday	8	32.0%	3 PM	2	8.0%	SUV	9	16.1%
Turning	11	44.0%	Saturday	2	8.0%	4 PM	3	12.0%	Tractor With Semi-Trailer	1	1.8%
TOTAL:	25		Sunday	2	8.0%	5 PM	3	12.0%	Unknown	2	3.6%
			TOTAL:	25		6 PM	2	8.0%	Van/Mini-Van	1	1.8%
						7 PM	1	4.0%	TOTAL:	56	
						8 PM	3	12.0%			
						9 PM	2	8.0%			
						10 PM	3	12.0%			
						11 PM	1	4.0%			
						TOTAL:	25				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	20	80.0%	Darkness	1	4.0%	Dry	18	72.0%	East	22	39.3%
Cloudy/Overcast	1	4.0%	Darkness, Lighted Road	11	44.0%	Ice	1	4.0%	North	10	17.9%
						Unknown	1	4.0%	Northwest	1	1.8%

Coordinate Collision Diagram Report

1/1/2022 to 12/31/2022

For XCoordinate 2963625.576 : YCoordinate 1764010.378 | 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>22</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>6</u>	<u>14</u>	<u>0</u>	<u>12</u>	<u>1</u>	<u>2</u>	<u>9</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	9.1%	Monday	5	22.7%	04 AM	1	4.5%	Other	1	2.2%
Fixed Object	1	4.5%	Tuesday	2	9.1%	05 AM	1	4.5%	Passenger	36	78.3%
Front to Rear	5	22.7%	Wednesday	3	13.6%	06 AM	1	4.5%	SUV	4	8.7%
Rear to Front	1	4.5%	Thursday	1	4.5%	07 AM	2	9.1%	Tractor With Semi-Trailer	1	2.2%
Turning	13	59.1%	Friday	4	18.2%	08 AM	1	4.5%	Unknown	2	4.3%
TOTAL:	22		Saturday	4	18.2%	09 AM	1	4.5%	Van/Mini-Van	2	4.3%
			Sunday	3	13.6%	11 AM	2	9.1%	TOTAL:	46	
			TOTAL:	22		Noon	1	4.5%			
						4 PM	1	4.5%			
						5 PM	3	13.6%			
						6 PM	3	13.6%			
						9 PM	2	9.1%			
						10 PM	1	4.5%			
						11 PM	2	9.1%			
						TOTAL:	22				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	17	77.3%	Darkness	1	4.5%	Dry	15	68.2%	East	11	23.9%
Other	1	4.5%	Darkness, Lighted Road	7	31.8%	Unknown	1	4.5%	North	11	23.9%



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Sauk Trail and Cicero Ave** over a span of 8 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 2015-2017 shows the period prior to the installation of the RLR cameras.

The data from 2018 shows the year in which the cameras were installed.

The data from 2019-2022 shows the period following the installation.

		Before Installation			After Installation			
Direction \ Year	2015	2016	2017	2018	2019	2020	2021	2022
Eastbound	25,500	25,500	25,500	22,200	22,200	22,200	22,200	23,300
Westbound	23,500	23,500	23,500	23,000	23,000	23,000	23,000	25,200
Northbound	15,800	15,800	11,300	11,300	7,950	7,950	8,300	8,300
Southbound	23,400	23,400	17,500	17,500	14,200	14,200	16,000	16,000
Combined	88,200	88,200	77,800	74,000	67,350	67,350	69,500	72,800
Combined Avg	84,733				69,250			

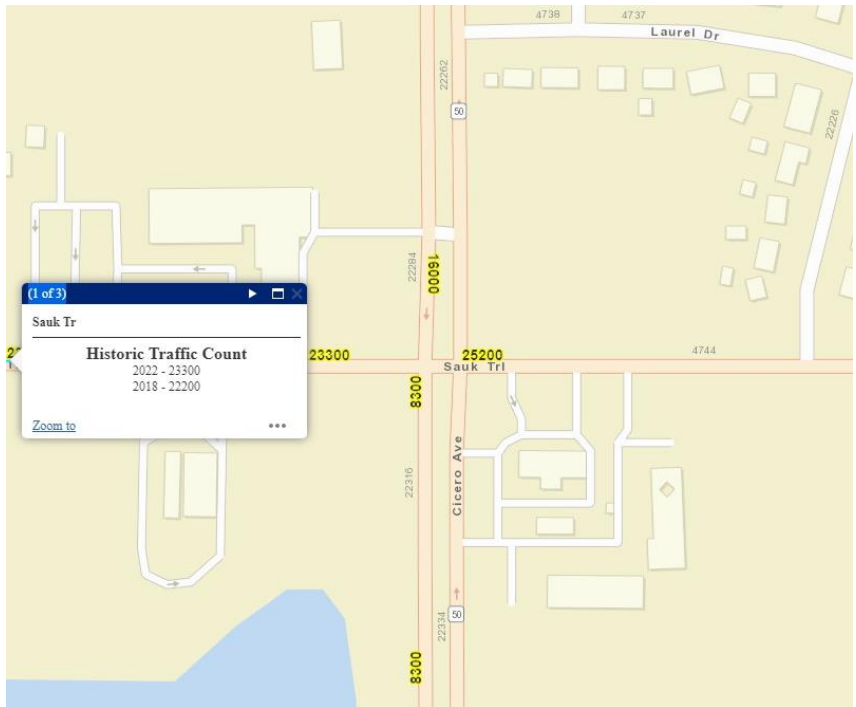
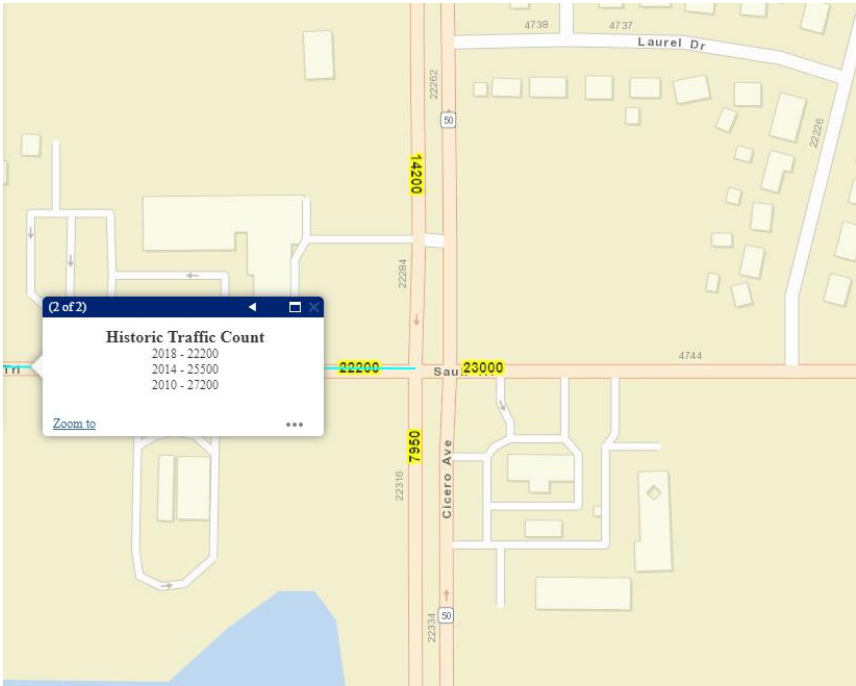
From 2015-2017, prior to RLR camera installation, the combined average of ADTC was 84,733.

From 2019-2022, post RLR camera installation, the combined average of ADTC was 69,250 – a reduction of 18.27%.

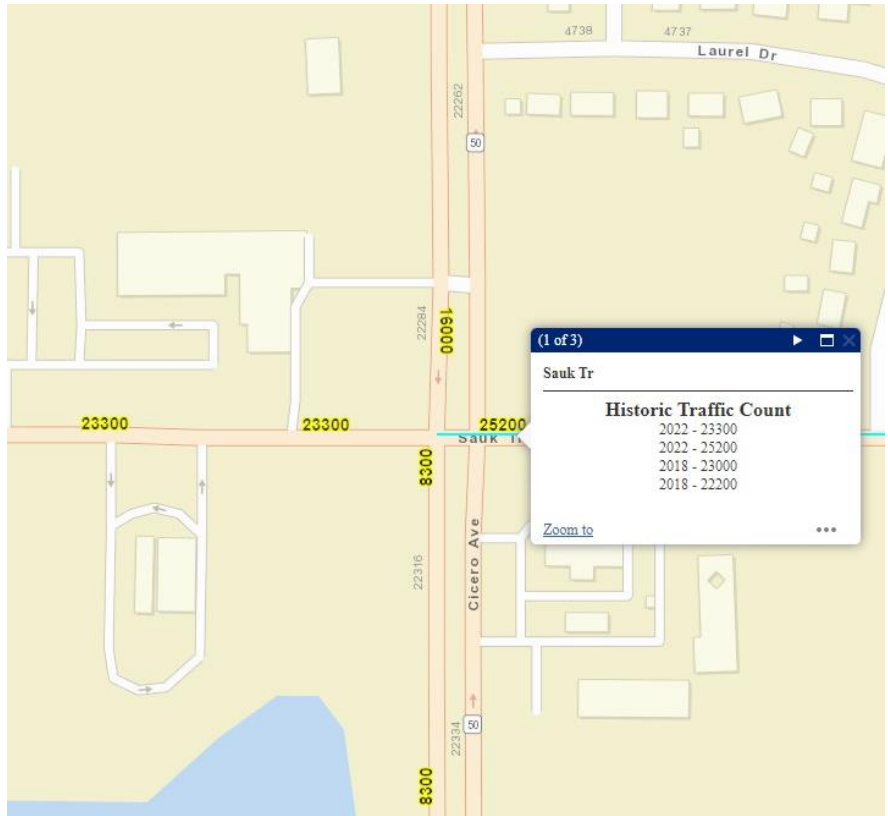
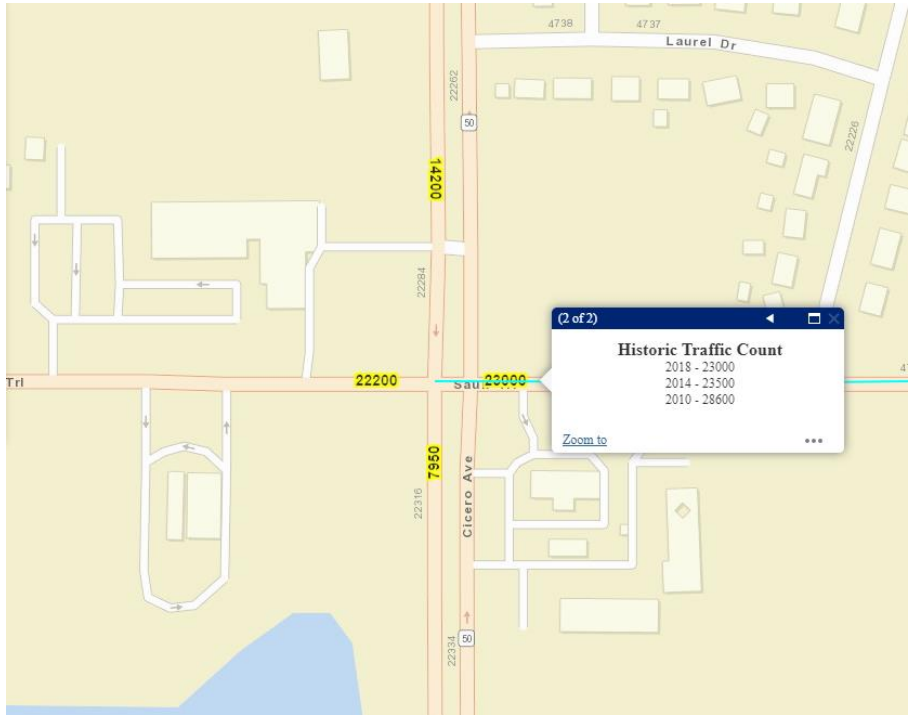
The following pages show the complete ADTC data from 2015-2022 obtained from the IDOT’s website.

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.

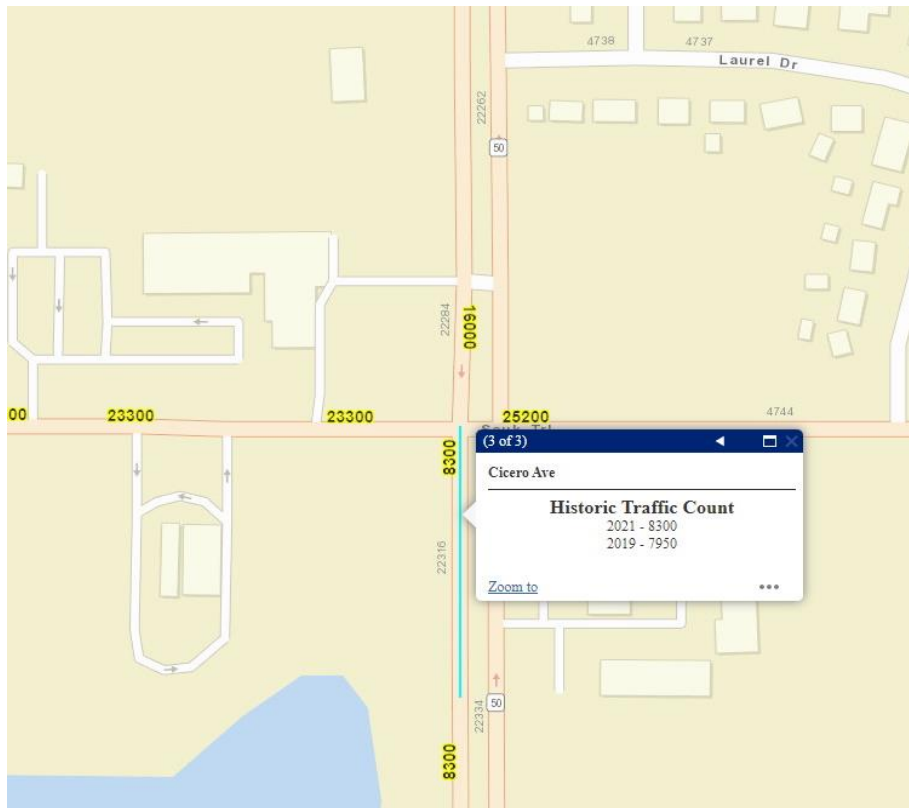
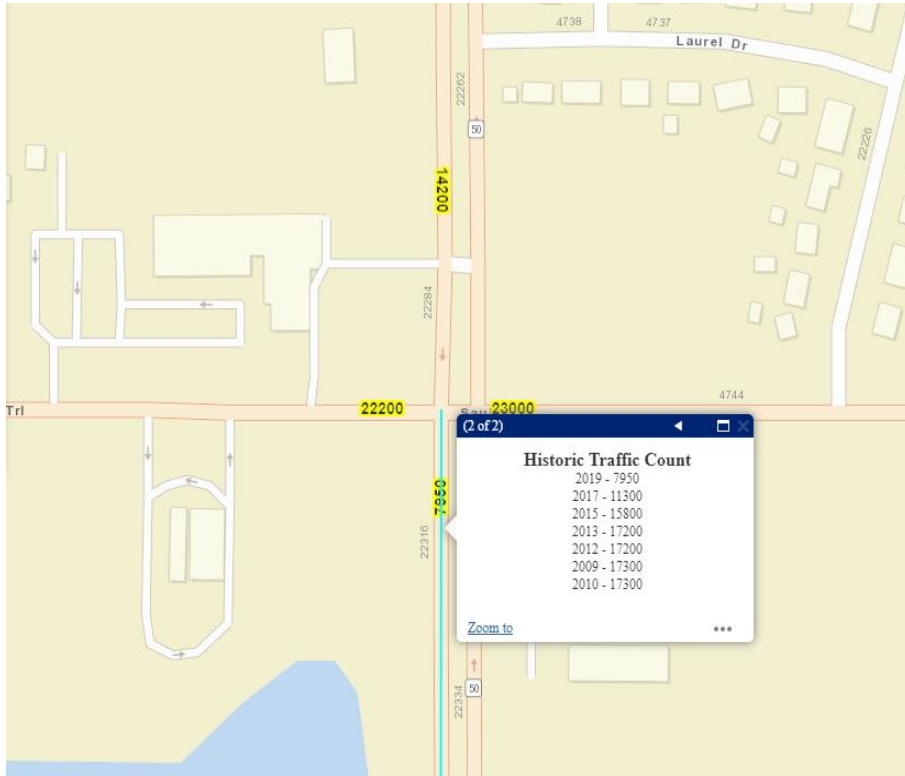
Eastbound ADTC



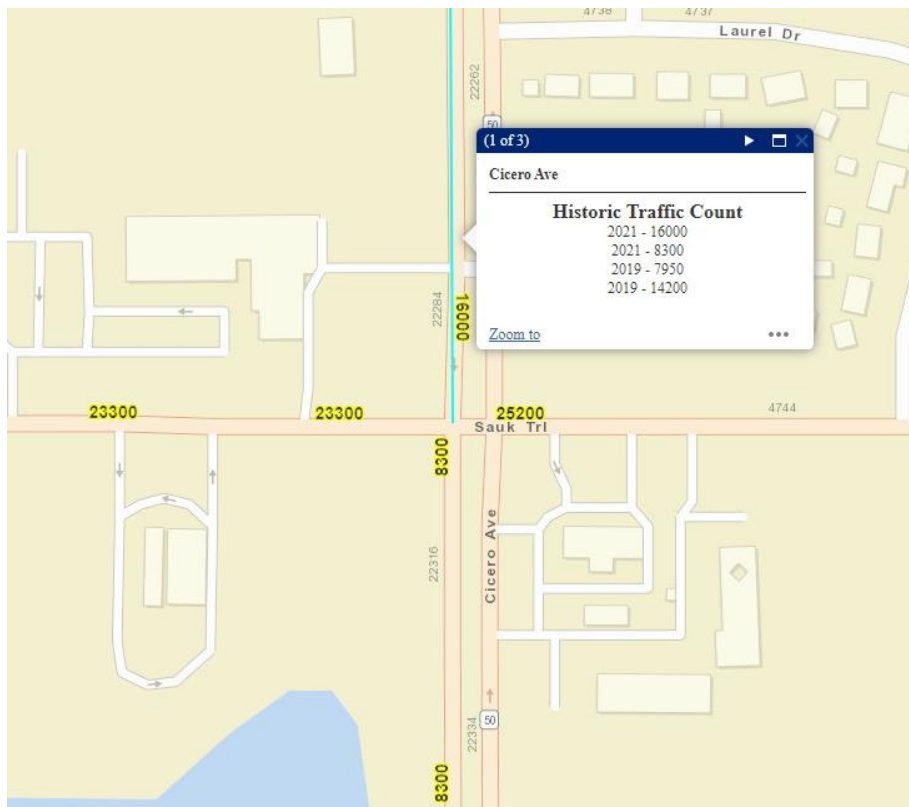
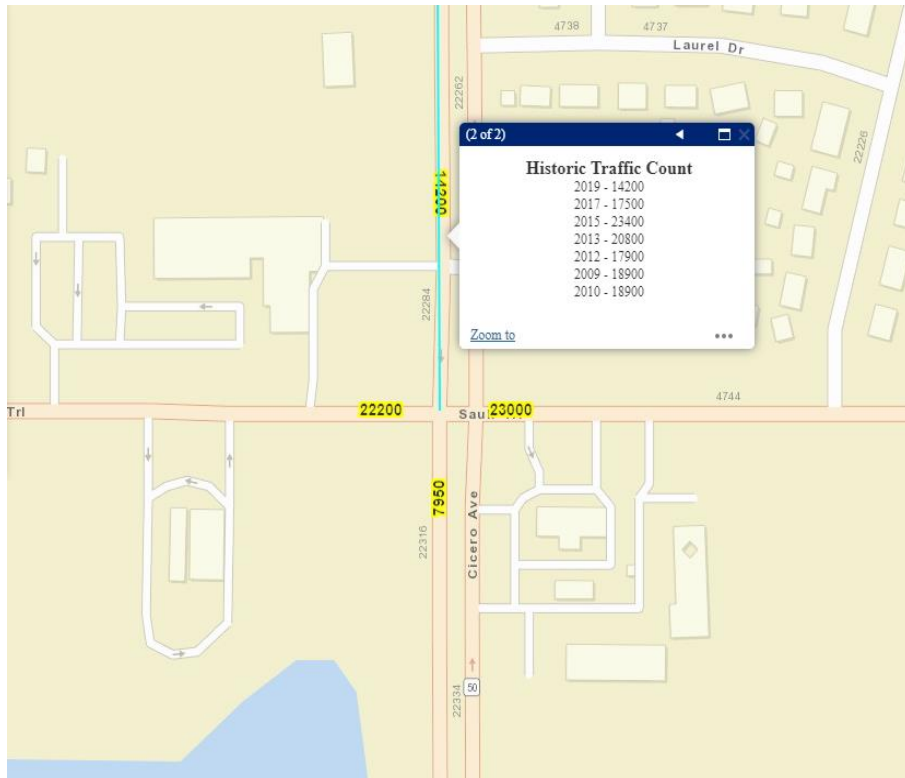
Westbound ADTC



Northbound ADTC



Southbound ADTC





4. Summary of Adjudication



The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **Sauk Trail and Cicero Ave** from 2020 to 2022.

	2020	2021	2022
In Person	101	109	114
By Mail	94	75	73

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **Sauk Trail and Cicero Ave** from 2020 to 2022.

	2020	2021	2022
In Person	132	123	137
By Mail	140	149	131



5. Report Summary and Recommendation

The **Village of Richton Park** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Richton Park** 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 2015-2017, prior to RLR camera installation, the combined average of ADTC was 84,733. From 2019-2022, post RLR camera installation, the combined average of ADTC was 69,250 – a reduction of 18.27%. (See tab 3)

From 2015-2017, prior to RLR camera installation, there were 68 total crashes; this averages out to 22.67 crashes a year. From 2019-2022, post RLR camera installation, there were 76 total crashes; this averages out to 19 crashes per year - a 16.18% 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 16.18% with a reduction of 18.27% in the combined average of ADTC.

After analyzing all of the available data, we believe that the RLR cameras currently in operation at the intersection of **Sauk Trail and Cicero Ave** in the **Village of Richton Park** are 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.