



# 183<sup>rd</sup> St and Cicero Ave <Northbound and Southbound>



## Country Club Hills, IL RLR 3 Year Follow-Up Evaluation Report

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Reference No: 016-44918

May 2022



John Galvin—Chief of Police  
**Department of Police**

3700 W. 175<sup>th</sup> Place  
Country Club Hills, IL 60478



708-798-3191  
Fax: 708-798-1211

June 1, 2022

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  
183<sup>rd</sup> St and Cicero Ave (North and Southbound)  
City of Country Club Hills  
Ref #: 016 -44918

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersection of 183<sup>rd</sup> St and Cicero Ave, Country Club Hills, 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 708-798-3191, [jgalvin@countryclubhills.org](mailto:jgalvin@countryclubhills.org).

Best Regards,

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John Galvin  
Chief of Police  
Country Club Hills Police

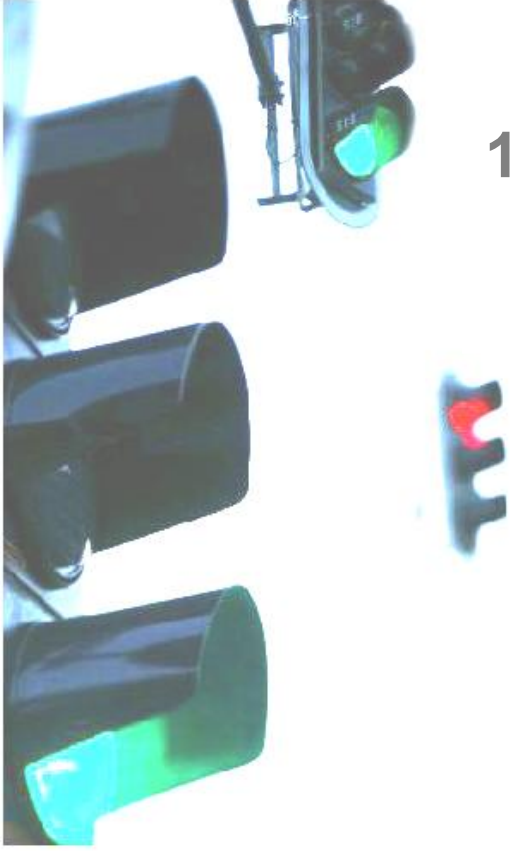
# 3 Year Evaluation Checklist

## 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 2009, the **City of Country Club Hills** received approval from the Illinois Department of Transportation (IDOT) to install Red Light Running (RLR) cameras on the **Northbound and Southbound** approaches at the intersection of **183rd St and Cicero Ave.**

- Date on which the camera went live on the Northbound and Southbound approaches: **08/2009**
- Year in which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **2011**
- Year in which the 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **2015**
- Year in which the 2<sup>nd</sup> 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **2020**

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 **183<sup>rd</sup> St and Cicero Ave** over a span of 14 years\*.

	Angle	Turning	Rear End	Pedalcyclist	Sideswipe	Fixed Object	Total
<b>2007</b>	2	8	2	1	1	2	16
<b>2008</b>	2	6	3	0	1	0	12
<b>2009</b>	0	4	6	0	0	0	10
<b>2010</b>	2	1	4	0	0	0	7
<b>2011</b>	2	3	2	0	0	0	7
<b>2012</b>	0	1	2	0	0	0	3
<b>2013</b>	1	4	3	0	0	0	8
<b>2014</b>	3	2	4	0	0	0	9
<b>2015</b>	0	1	3	0	0	0	4
<b>2016</b>	3	4	5	0	0	0	12
<b>2017</b>	1	4	3	0	1	0	9
<b>2018</b>	3	4	4	0	1	2	14
<b>2019</b>	0	5	5	0	0	0	10
<b>2020</b>	0	7	4	0	1	0	12

The data from 2007\*\*-2008 shows the period prior to the installation of the RLR cameras.

The data from 2009 shows the year in which the cameras were installed.

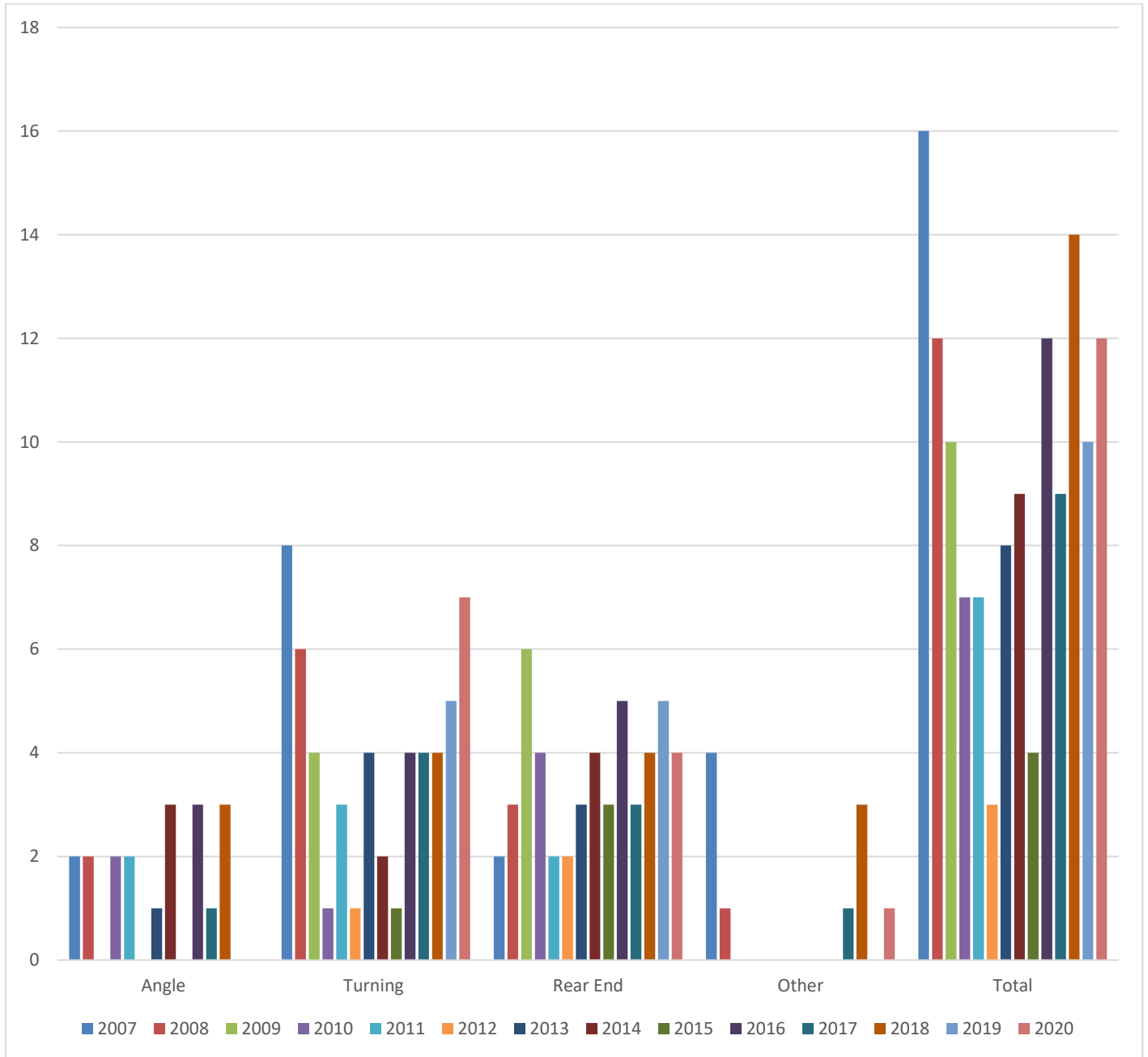
The data from 2010-2020 shows the period following the installation.

\* **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 2007-2020.



	Year \ Type	Angle	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	2007	2	8	2	4	16	14
	2008	2	6	3	1	12	
	2009	0	4	6	0	10	
After Installation	2010	2	1	4	0	7	8.64
	2011	2	3	2	0	7	
	2012	0	1	2	0	3	
	2013	1	4	3	0	8	
	2014	3	2	4	0	9	
	2015	0	1	3	0	4	
	2016	3	4	5	0	12	
	2017	1	4	3	1	9	
	2018	3	4	4	3	14	
	2019	0	5	5	0	10	
	2020	0	7	4	1	12	

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

From 2007-2008, prior to RLR camera installation, there were 28 total crashes; this averages out to 14 crashes a year.

From 2010-2020, post RLR camera installation, there were 95 total crashes; this averages out to 8.64 crashes per year - a 38.31% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2007-2020. The complete crash data can be obtained by contacting the IDOT via [DOT.DTS.DataRequests@illinois.gov](mailto:DOT.DTS.DataRequests@illinois.gov).

IL Department of Transportation --- Div of Traffic Safety  
Collision Diagram Report

Database: CISReports  
07/11/2008  
Page 4 of 4

01/01/2007 to 12/31/2007

Route: 5050 From MileStation 33.35 to 33.35

County: COOK

Intersection Related

TOTAL	FATAL	INJURY	PROPERTY DAMAGE	TOTAL KILLED	TOTAL INJURED	A	B	C
16	0	5	11	0	12	0	8	4

Type of Crash	Total	%	Day of Week	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	12.50%	Monday	4	25.00%	6 AM	1	6.25%	Bus over 15	1	3.03%
Fixed object	2	12.50%	Tuesday	2	12.50%	7 AM	2	12.50%	Passengers		
Pedalcyclist	1	6.25%	Wednesday	4	25.00%	8 AM	1	6.25%	Passenger	23	69.70%
Rear end	2	12.50%	Friday	5	31.25%	10 AM	2	12.50%	SUV	4	12.12%
Sideswipe same direction	1	6.25%	Saturday	1	6.25%	11 AM	1	6.25%	Van/Mini-Van	5	15.15%
Turning	8	50.00%				2 PM	1	6.25%			
						5 PM	1	6.25%			
						7 PM	2	12.50%			
						8 PM	2	12.50%			
						9 PM	1	6.25%			
						11 PM	2	12.50%			
<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>33</b>	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	Vehicle DIR	Total	%
Clear	9	56.25%	Darkness, Lighted Road	5	31.25%	Dry	6	37.5	East	2	6.06%
Rain	6	37.50%	Daylight	10	62.50%	Snow or Slush	1	6.2	North	7	21.21%
Snow	1	6.25%	Dusk	1	6.25%	Unknown	1	6.2	Northeast	4	12.12%
						Wet	8	50.0	Northwest	2	6.06%
									South	5	15.15%
									Southeast	2	6.06%
									Southwest	2	6.06%
									West	9	27.27%
<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>33</b>	

### Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: IL050 | From MileStation 33.35 to 33.35 | 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
12	0	0	3	1	8	0	5	0	4	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	6	50.0%	Monday	1	8.3%	08 AM	1	8.3%	Other	1	3.8%
11-Rear end	3	25.0%	Tuesday	2	16.7%	Noon	1	8.3%	Passenger	19	73.1%
12-Sideswipe same direction	1	8.3%	Wednesday	2	16.7%	2 PM	1	8.3%	Sport utility vehicle (SUV)	4	15.4%
15-Angle	2	16.7%	Thursday	2	16.7%	4 PM	1	8.3%	Van/mini van	2	7.7%
<b>TOTAL:</b>	<b>12</b>		Friday	4	33.3%	5 PM	3	25.0%	<b>TOTAL:</b>	<b>26</b>	
			Sunday	1	8.3%	6 PM	1	8.3%			
			<b>TOTAL:</b>	<b>12</b>		7 PM	1	8.3%			
						8 PM	2	16.7%			
						10 PM	1	8.3%			
						<b>TOTAL:</b>	<b>12</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	58.3%	Darkness	3	25.0%	Dry	7	58.3%	East	4	15.4%
Rain	2	16.7%	Darkness/Lighted road	4	33.3%	Snow or slush	3	25.0%	North	15	57.7%
Snow	3	25.0%	Daylight	5	41.7%	Wet	2	16.7%	South	4	15.4%
<b>TOTAL:</b>	<b>12</b>		<b>TOTAL:</b>	<b>12</b>		<b>TOTAL:</b>	<b>12</b>		West	3	11.5%
									<b>TOTAL:</b>	<b>26</b>	

**Collision Diagram**

1/1/2009 to 12/31/2009

Crash Route: IL050 | From MileStation 33.41 to 33.41 | 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
10	0	2	3	2	3	0	16	3	8	5

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	4	40.0%	Tuesday	4	40.0%	07 AM	1	10.0%	Passenger	14	66.7%
11-Rear end	6	60.0%	Wednesday	2	20.0%	08 AM	1	10.0%	Sport utility vehicle (SUV)	6	28.6%
<b>TOTAL:</b>	<b>10</b>		Thursday	2	20.0%	11 AM	1	10.0%	Van/mini van	1	4.8%
			Saturday	2	20.0%	Noon	1	10.0%	<b>TOTAL:</b>	<b>21</b>	
			<b>TOTAL:</b>	<b>10</b>		2 PM	1	10.0%			
						4 PM	2	20.0%			
						5 PM	1	10.0%			
						8 PM	1	10.0%			
						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	4	40.0%	East	6	28.6%
Rain	3	30.0%	Daylight	7	70.0%	Snow or slush	2	20.0%	North	2	9.5%
Snow	2	20.0%	Dusk	1	10.0%	Wet	4	40.0%	South	10	47.6%
<b>TOTAL:</b>	<b>10</b>		<b>TOTAL:</b>	<b>10</b>		<b>TOTAL:</b>	<b>10</b>		West	3	14.3%
									<b>TOTAL:</b>	<b>21</b>	

### Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: IL050 | From MileStation 33.41 to 33.41 | 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	2	3	2	0	10	0	2	8

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	1	14.3%	Wednesday	2	28.6%	11 AM	1	14.3%	Other	1	7.1%
11-Rear end	4	57.1%	Thursday	2	28.6%	Noon	1	14.3%	Passenger	8	57.1%
15-Angle	2	28.6%	Saturday	2	28.6%	4 PM	1	14.3%	Pickup	1	7.1%
<b>TOTAL:</b>	<b>7</b>		Sunday	1	14.3%	7 PM	3	42.9%	Sport utility vehicle (SUV)	3	21.4%
			<b>TOTAL:</b>	<b>7</b>		10 PM	1	14.3%	Van/mini van	1	7.1%
						<b>TOTAL:</b>	<b>7</b>		<b>TOTAL:</b>	<b>14</b>	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	4	57.1%	Darkness/Lighted road	3	42.9%	Dry	4	57.1%	North	4	28.6%
Rain	3	42.9%	Daylight	4	57.1%	Wet	3	42.9%	South	4	28.6%
<b>TOTAL:</b>	<b>7</b>		<b>TOTAL:</b>	<b>7</b>		<b>TOTAL:</b>	<b>7</b>		West	6	42.9%
									<b>TOTAL:</b>	<b>14</b>	

### Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: IL050 | From MileStation 33.41 to 33.41 | 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	1	0	1	2	3	1	7	0	4	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	28.6%	Monday	1	14.3%	03 AM	1	14.3%	Passenger	9	56.3%
Rear End	2	28.6%	Wednesday	1	14.3%	09 AM	1	14.3%	SUV	5	31.3%
Turning	3	42.9%	Thursday	1	14.3%	1 PM	1	14.3%	Van/Mini-Van	2	12.5%
<b>TOTAL:</b>	<b>7</b>		Saturday	4	57.1%	5 PM	1	14.3%	<b>TOTAL:</b>	<b>16</b>	
			<b>TOTAL:</b>	<b>7</b>		8 PM	1	14.3%			
						10 PM	1	14.3%			
						11 PM	1	14.3%			
						<b>TOTAL:</b>	<b>7</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	71.4%	Darkness, Lighted Road	3	42.9%	Dry	4	57.1%	East	4	25.0%
Rain	2	28.6%	Daylight	3	42.9%	Ice	1	14.3%	North	5	31.3%
<b>TOTAL:</b>	<b>7</b>		Dusk	1	14.3%	Unknown	1	14.3%	Northwest	1	6.3%
			<b>TOTAL:</b>	<b>7</b>		Wet	1	14.3%	South	1	6.3%
						<b>TOTAL:</b>	<b>7</b>		Southeast	2	12.5%
									West	3	18.8%
									<b>TOTAL:</b>	<b>16</b>	

**Collision Diagram**

1/1/2012 to 12/31/2012

Crash Route: IL050 | From MileStation 33.41 to 33.41 | 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	0	0	0	3	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	2	66.7%	Tuesday	1	33.3%	06 AM	1	33.3%	Passenger	2	33.3%
Turning	1	33.3%	Wednesday	1	33.3%	11 AM	1	33.3%	SUV	3	50.0%
<b>TOTAL:</b>	<b>3</b>		Thursday	1	33.3%	8 PM	1	33.3%	Van/Mini-Van	1	16.7%
			<b>TOTAL:</b>	<b>3</b>		<b>TOTAL:</b>	<b>3</b>		<b>TOTAL:</b>	<b>6</b>	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	2	66.7%	Darkness, Lighted Road	1	33.3%	Dry	1	33.3%	North	1	16.7%
Snow	1	33.3%	Dawn	1	33.3%	Ice	1	33.3%	South	3	50.0%
<b>TOTAL:</b>	<b>3</b>		Daylight	1	33.3%	Unknown	1	33.3%	West	2	33.3%
			<b>TOTAL:</b>	<b>3</b>		<b>TOTAL:</b>	<b>3</b>		<b>TOTAL:</b>	<b>6</b>	



### Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: IL050 | From MileStation 33.41 to 33.41 | 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	1	2	3	0	2	1	12	3	6	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	12.5%	Tuesday	1	12.5%	07 AM	1	12.5%	Passenger	11	64.7%
Rear End	3	37.5%	Wednesday	2	25.0%	10 AM	1	12.5%	Pickup	1	5.9%
Turning	4	50.0%	Friday	3	37.5%	11 AM	2	25.0%	SUV	2	11.8%
<b>TOTAL:</b>	<b>8</b>		Saturday	1	12.5%	Noon	1	12.5%	Van/Mini-Van	3	17.6%
			Sunday	1	12.5%	2 PM	1	12.5%	<b>TOTAL:</b>	<b>17</b>	
			<b>TOTAL:</b>	<b>8</b>		8 PM	1	12.5%			
						10 PM	1	12.5%			
						<b>TOTAL:</b>	<b>8</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	75.0%	Darkness/ Lighted Road	2	25.0%	Dry	6	75.0%	East	2	11.8%
Snow	2	25.0%	Daylight	6	75.0%	Snow or Slush	2	25.0%	North	8	47.1%
<b>TOTAL:</b>	<b>8</b>		<b>TOTAL:</b>	<b>8</b>		<b>TOTAL:</b>	<b>8</b>		Northwest	1	5.9%
									South	3	17.6%
									Southeast	1	5.9%
									West	2	11.8%
									<b>TOTAL:</b>	<b>17</b>	

### Collision Diagram Summary

1/1/2014 to 12/31/2014

Crash Route: IL050 | From MileStation 33.41 to 33.41 | 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	1	3	1	4	0	8	2	5	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	33.3%	Monday	2	22.2%	08 AM	1	11.1%	Passenger	14	66.7%
Rear End	4	44.4%	Wednesday	2	22.2%	Noon	1	11.1%	SUV	6	28.6%
Turning	2	22.2%	Thursday	1	11.1%	1 PM	4	44.4%	Van/Mini-Van	1	4.8%
<b>TOTAL:</b>	<b>9</b>		Friday	1	11.1%	2 PM	1	11.1%	<b>TOTAL:</b>	<b>21</b>	
			Tuesday	2	22.2%	6 PM	1	11.1%			
			Saturday	1	11.1%	11 PM	1	11.1%			
			<b>TOTAL:</b>	<b>9</b>		<b>TOTAL:</b>	<b>9</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	66.7%	Daylight	9	100.0%	Dry	6	66.7%	East	7	33.3%
Cloudy/Overcast	1	11.1%	<b>TOTAL:</b>	<b>9</b>		Snow or Slush	1	11.1%	North	4	19.0%
Rain	1	11.1%			Wet	2	22.2%	Northeast	2	9.5%	
Snow	1	11.1%			<b>TOTAL:</b>	<b>9</b>		South	5	23.8%	
<b>TOTAL:</b>	<b>9</b>							West	3	14.3%	
								<b>TOTAL:</b>	<b>21</b>		

#### Notes

Calendar data selections include data based on the date of the crash. Year selections include data based on the Statistical year in which the crash was processed

### Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2962621.131495 : YCoordinate 1790531.125955 | 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
4	0	0	0	1	3	0	1	0	0	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	3	75.0%	Tuesday	1	25.0%	08 AM	1	25.0%	Passenger	8	100.0%
Turning	1	25.0%	Wednesday	1	25.0%	6 PM	2	50.0%	<b>TOTAL:</b>	<b>8</b>	
<b>TOTAL:</b>	<b>4</b>		Thursday	2	50.0%	7 PM	1	25.0%			
			<b>TOTAL:</b>	<b>4</b>		<b>TOTAL:</b>	<b>4</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	2	50.0%	Darkness	2	50.0%	Dry	2	50.0%	North	5	62.5%
Rain	1	25.0%	Darkness, Lighted Road	1	25.0%	Wet	2	50.0%	Southwest	1	12.5%
Snow	1	25.0%	Daylight	1	25.0%	<b>TOTAL:</b>	<b>4</b>		West	2	25.0%
<b>TOTAL:</b>	<b>4</b>		<b>TOTAL:</b>	<b>4</b>		<b>TOTAL:</b>	<b>4</b>		<b>TOTAL:</b>	<b>8</b>	

### Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2962621.131495 : YCoordinate 1790531.125955 | 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>12</u>	<u>0</u>	<u>0</u>	<u>5</u>	<u>2</u>	<u>5</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>7</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	25.0%	Monday	3	25.0%	07 AM	1	8.3%	Passenger	14	56.0%
Rear End	5	41.7%	Tuesday	1	8.3%	08 AM	1	8.3%	Pickup	2	8.0%
Turning	4	33.3%	Wednesday	2	16.7%	10 AM	1	8.3%	SUV	7	28.0%
<b>TOTAL:</b>	<b>12</b>		Thursday	3	25.0%	11 AM	3	25.0%	Van/Mini-Van	2	8.0%
			Friday	1	8.3%	Noon	1	8.3%	<b>TOTAL:</b>	<b>25</b>	
			Saturday	1	8.3%	4 PM	2	16.7%			
			Sunday	1	8.3%	5 PM	1	8.3%			
			<b>TOTAL:</b>	<b>12</b>		7 PM	1	8.3%			
						8 PM	1	8.3%			
						<b>TOTAL:</b>	<b>12</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	66.7%	Darkness, Lighted Road	1	8.3%	Dry	8	66.7%	East	5	20.0%
Cloudy/Overcast	1	8.3%	Daylight	11	91.7%	Wet	4	33.3%	North	11	44.0%
Rain	3	25.0%	<b>TOTAL:</b>	<b>12</b>		<b>TOTAL:</b>	<b>12</b>		Northeast	1	4.0%
<b>TOTAL:</b>	<b>12</b>								Northwest	1	4.0%
									South	2	8.0%
									Southeast	1	4.0%

### Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2962621.131495 : YCoordinate 1790531.125955 | 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
9	0	1	1	2	5	0	8	2	3	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	11.1%	Tuesday	1	11.1%	03 AM	1	11.1%	Passenger	15	78.9%
Rear End	3	33.3%	Wednesday	1	11.1%	10 AM	1	11.1%	SUV	3	15.8%
Sideswipe Same Direction	1	11.1%	Friday	2	22.2%	1 PM	1	11.1%	Van/Mini-Van	1	5.3%
Turning	4	44.4%	Saturday	3	33.3%	3 PM	1	11.1%	<b>TOTAL:</b>	<b>19</b>	
<b>TOTAL:</b>	<b>9</b>		Sunday	2	22.2%	4 PM	2	22.2%			
			<b>TOTAL:</b>	<b>9</b>		6 PM	1	11.1%			
						9 PM	2	22.2%			
						<b>TOTAL:</b>	<b>9</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	77.8%	Darkness, Lighted Road	4	44.4%	Dry	7	77.8%	East	7	36.8%
Cloudy/Overcast	1	11.1%	Daylight	5	55.6%	Wet	2	22.2%	North	6	31.6%
Rain	1	11.1%	<b>TOTAL:</b>	<b>9</b>		<b>TOTAL:</b>	<b>9</b>		Northwest	1	5.3%
<b>TOTAL:</b>	<b>9</b>								South	2	10.5%
									Southeast	1	5.3%
									West	2	10.5%
									<b>TOTAL:</b>	<b>19</b>	

### Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2962621.89 : YCoordinate 1790530.723 | 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>3</u>	<u>3</u>	<u>8</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>5</u>	<u>8</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	21.4%	Monday	1	7.1%	07 AM	2	14.3%	Other Vehicle With Trailer	1	3.1%
Fixed Object	2	14.3%	Tuesday	2	14.3%	09 AM	2	14.3%	Passenger	22	68.8%
Front to Rear	4	28.6%	Wednesday	4	28.6%	11 AM	1	7.1%	Pickup	1	3.1%
Sideswipe Same Direction	1	7.1%	Thursday	3	21.4%	Noon	2	14.3%	SUV	6	18.8%
Turning	4	28.6%	Saturday	2	14.3%	1 PM	2	14.3%	Unknown	1	3.1%
<b>TOTAL:</b>	<b>14</b>		Sunday	2	14.3%	2 PM	1	7.1%	Van/Mini-Van	1	3.1%
			<b>TOTAL:</b>	<b>14</b>		3 PM	2	14.3%	<b>TOTAL:</b>	<b>32</b>	
						9 PM	1	7.1%			
						10 PM	1	7.1%			
						<b>TOTAL:</b>	<b>14</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	64.3%	Darkness, Lighted Road	2	14.3%	Dry	9	64.3%	East	7	21.9%
Cloudy/Overcast	1	7.1%	Daylight	12	85.7%	Snow or Slush	2	14.3%	North	7	21.9%
Rain	2	14.3%	<b>TOTAL:</b>	<b>14</b>		Wet	3	21.4%	Northwest	3	9.4%
Snow	2	14.3%			<b>TOTAL:</b>	<b>14</b>		South	10	31.3%	
<b>TOTAL:</b>	<b>14</b>							Southeast	1	3.1%	
								West	4	12.5%	
								<b>TOTAL:</b>	<b>32</b>		

### Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2962621.89 : YCoordinate 1790530.723 | 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
10	0	0	3	0	7	0	6	0	5	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	5	50.0%	Monday	2	20.0%	09 AM	4	40.0%	Passenger	11	55.0%
Turning	5	50.0%	Tuesday	5	50.0%	10 AM	1	10.0%	Pickup	1	5.0%
<b>TOTAL:</b>	<b>10</b>		Wednesday	1	10.0%	2 PM	1	10.0%	SUV	7	35.0%
			Saturday	2	20.0%	3 PM	1	10.0%	Van/Mini-Van	1	5.0%
			<b>TOTAL:</b>	<b>10</b>		4 PM	2	20.0%	<b>TOTAL:</b>	<b>20</b>	
						6 PM	1	10.0%			
						<b>TOTAL:</b>	<b>10</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	80.0%	Darkness, Lighted Road	1	10.0%	Dry	7	70.0%	East	2	10.0%
Rain	1	10.0%	Daylight	9	90.0%	Ice	1	10.0%	North	2	10.0%
Snow	1	10.0%	<b>TOTAL:</b>	<b>10</b>		Snow or Slush	1	10.0%	Northwest	2	10.0%
<b>TOTAL:</b>	<b>10</b>					Wet	1	10.0%	South	6	30.0%
						<b>TOTAL:</b>	<b>10</b>		Southeast	2	10.0%
									Southwest	2	10.0%
									West	4	20.0%
									<b>TOTAL:</b>	<b>20</b>	

### Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2962621.89 : YCoordinate 1790530.723 | 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>12</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>3</u>	<u>6</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>4</u>	<u>4</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	4	33.3%	Monday	1	8.3%	04 AM	1	8.3%	Passenger	18	66.7%
Sideswipe Same Direction	1	8.3%	Tuesday	1	8.3%	05 AM	1	8.3%	SUV	8	29.6%
Turning	7	58.3%	Wednesday	4	33.3%	06 AM	1	8.3%	Unknown	1	3.7%
<b>TOTAL:</b>	<b>12</b>		Thursday	2	16.7%	07 AM	1	8.3%	<b>TOTAL:</b>	<b>27</b>	
			Friday	2	16.7%	08 AM	1	8.3%			
			Saturday	1	8.3%	11 AM	3	25.0%			
			Sunday	1	8.3%	1 PM	1	8.3%			
			<b>TOTAL:</b>	<b>12</b>		5 PM	1	8.3%			
						8 PM	1	8.3%			
						10 PM	1	8.3%			
						<b>TOTAL:</b>	<b>12</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	10	83.3%	Darkness, Lighted Road	3	25.0%	Dry	9	75.0%	East	4	14.8%
Cloudy/Overcast	1	8.3%	Daylight	9	75.0%	Other	1	8.3%	North	4	14.8%
Snow	1	8.3%	<b>TOTAL:</b>	<b>12</b>		Wet	2	16.7%	Northwest	1	3.7%
<b>TOTAL:</b>	<b>12</b>					<b>TOTAL:</b>	<b>12</b>		South	10	37.0%
									West	8	29.6%
									<b>TOTAL:</b>	<b>27</b>	





### 3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **183<sup>rd</sup> St and Cicero Ave** over a span of 13 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 2008 shows the period prior to the installation of the RLR cameras.

The data from 2009 shows the year in which the cameras were installed.

The data from 2010-2020 shows the period following the installation.

	Direction		Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
	Year							
<b>Before Installation</b>	<b>2008</b>		<b>9,100</b>	<b>16,500</b>	<b>16,600</b>	<b>18,800</b>	<b>61,000</b>	<b>59,000</b>
	<b>2009</b>		9,100	16,500	14,600	16,800	<b>57,000</b>	
<b>After Installation</b>	<b>2010</b>		<b>8,200</b>	<b>18,700</b>	14,600	16,800	<b>58,300</b>	<b>54,377</b>
	<b>2011</b>		8,200	18,700	<b>14,000</b>	16,800	<b>57,700</b>	
	<b>2012</b>		8,200	18,700	14,000	<b>15,400</b>	<b>56,300</b>	
	<b>2013</b>		8,200	18,700	<b>14,600</b>	<b>14,500</b>	<b>56,000</b>	
	<b>2014</b>		<b>8,050</b>	<b>15,600</b>	14,600	14,500	<b>52,750</b>	
	<b>2015</b>		8,050	15,600	<b>16,100</b>	<b>14,800</b>	<b>54,550</b>	
	<b>2016</b>		8,050	15,600	16,100	14,800	<b>54,550</b>	
	<b>2017</b>		8,050	15,600	<b>13,500</b>	<b>15,200</b>	<b>52,350</b>	
	<b>2018</b>		<b>8,650</b>	<b>14,800</b>	13,500	15,200	<b>52,150</b>	
	<b>2019</b>		8,650	14,800	<b>12,800</b>	<b>15,500</b>	<b>51,750</b>	
<b>2020</b>		8,650	14,800	12,800	15,500	<b>51,750</b>		

In 2008, prior to RLR camera installation, the combined ADTC was 59,000.

From 2010-2020, post RLR camera installation, the combined average of ADTC was 54,377 – a reduction of 7.84%.

The following pages show the complete ADTC data from 2008-2020 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.

### 2008

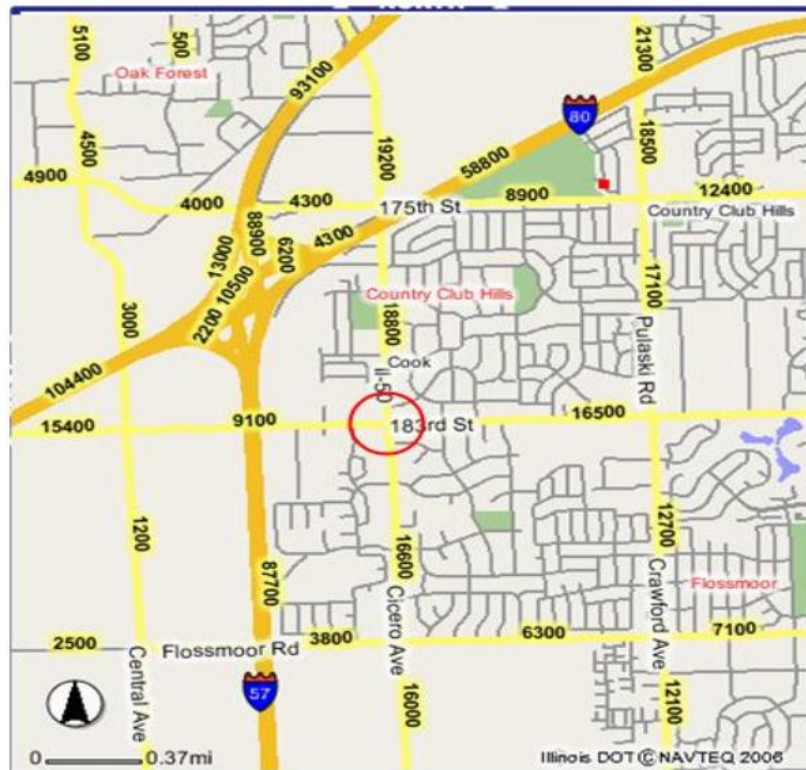
The traffic numbers below were obtained from the IDOT website per the RLR Guideline document published by the IDOT. Only ADTC values were available, peak numbers were not provided.

#### 183<sup>rd</sup> St ADTC

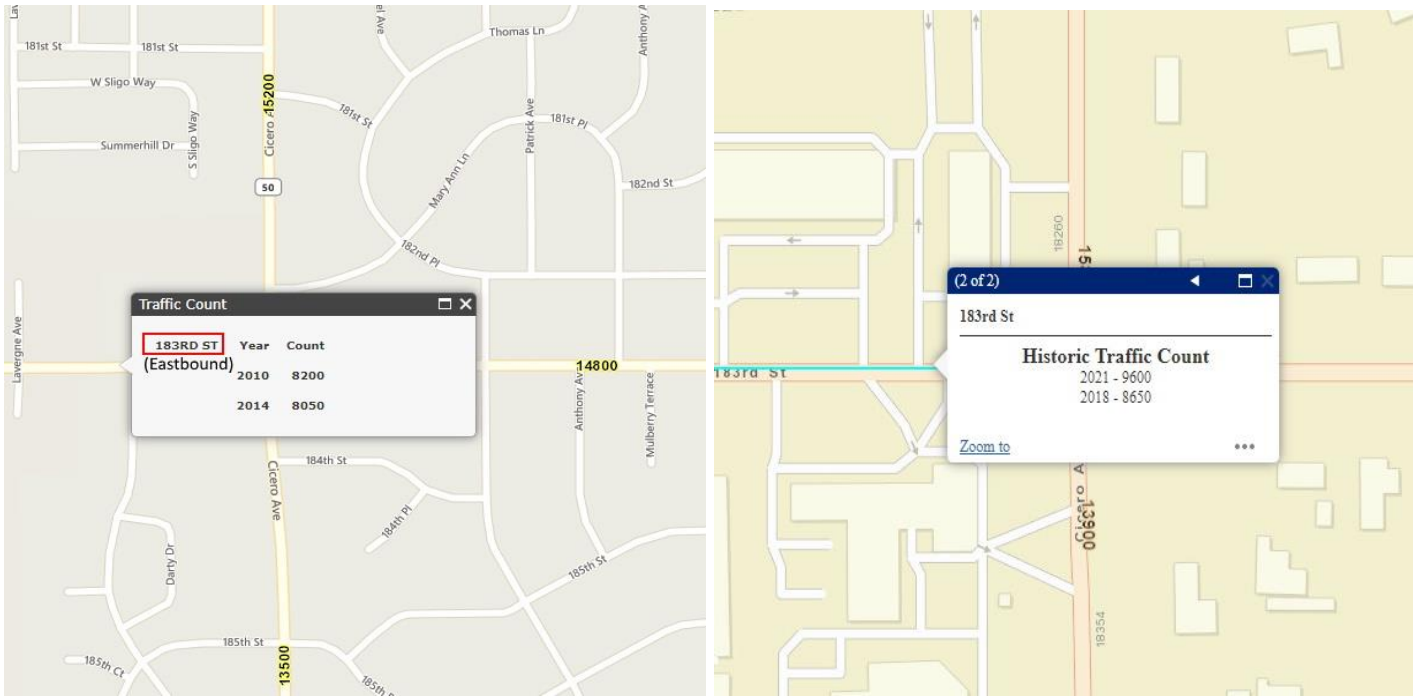
- Eastbound: 9,100
- Westbound: 16,500

#### Cicero Ave (IL Route 50) ADTC

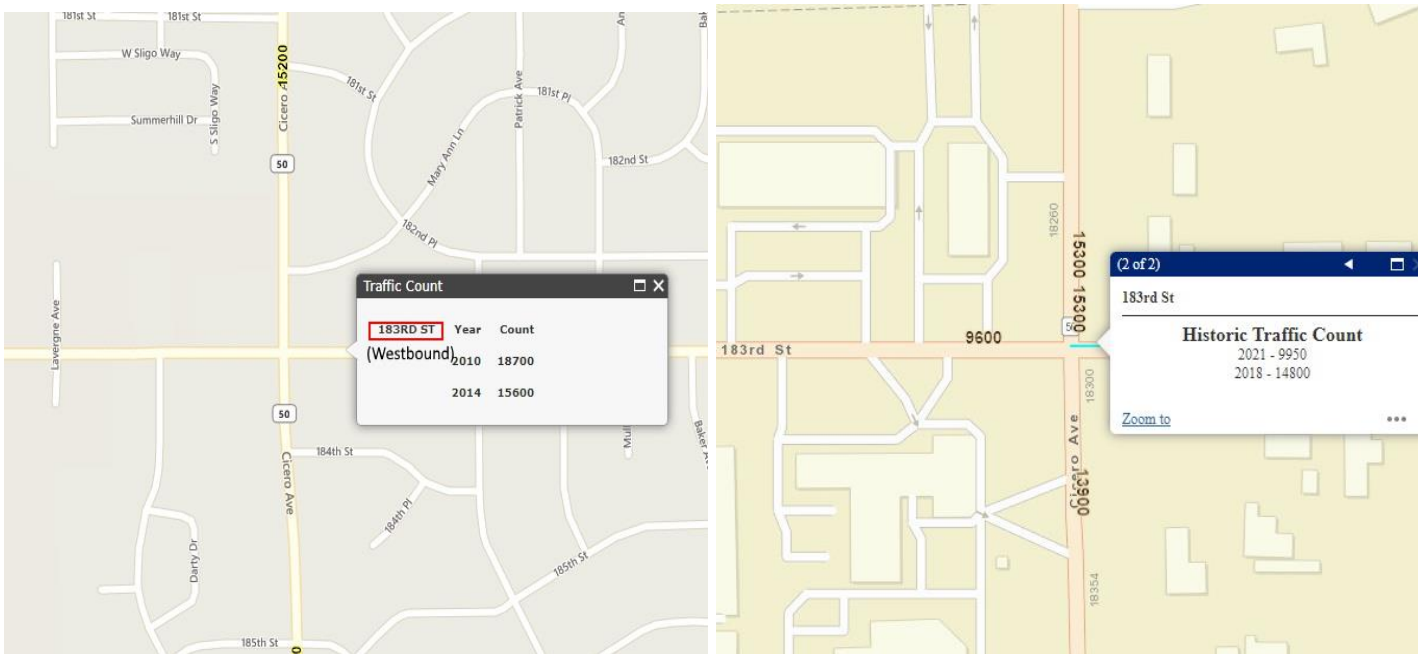
- Northbound: 16,600
- Southbound: 18,800



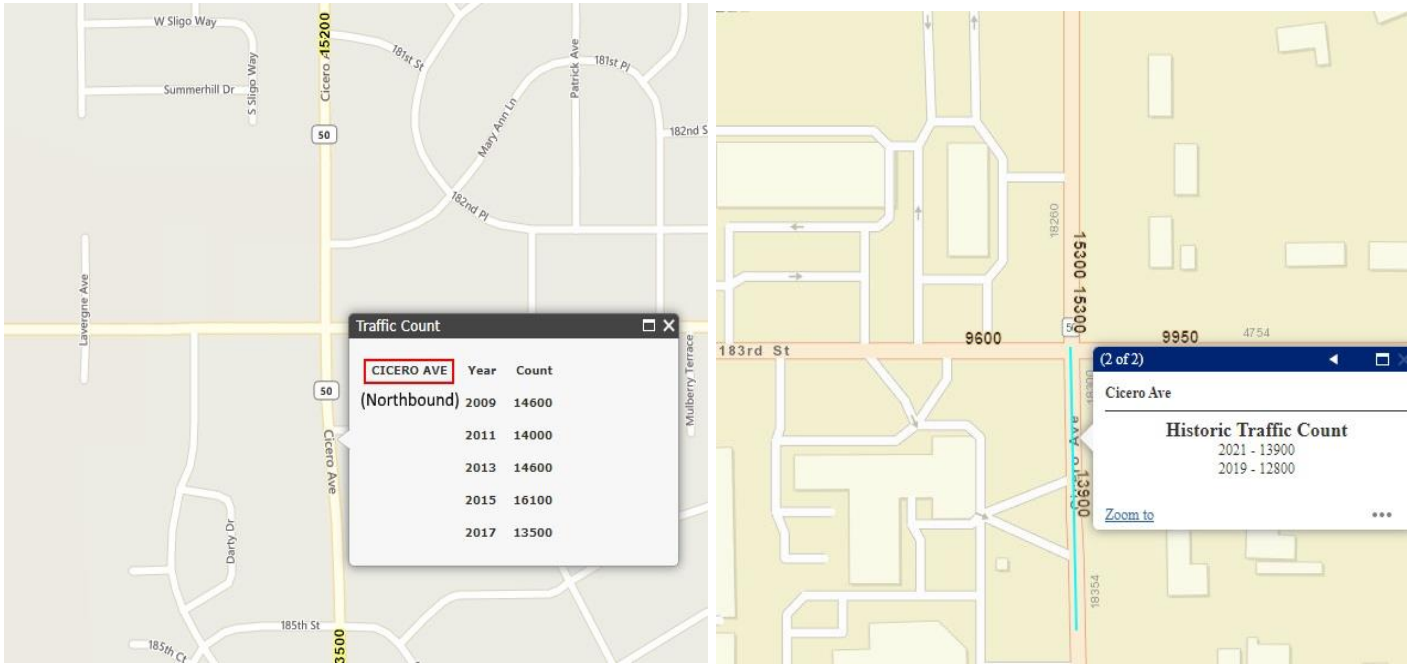
## Eastbound ADTC



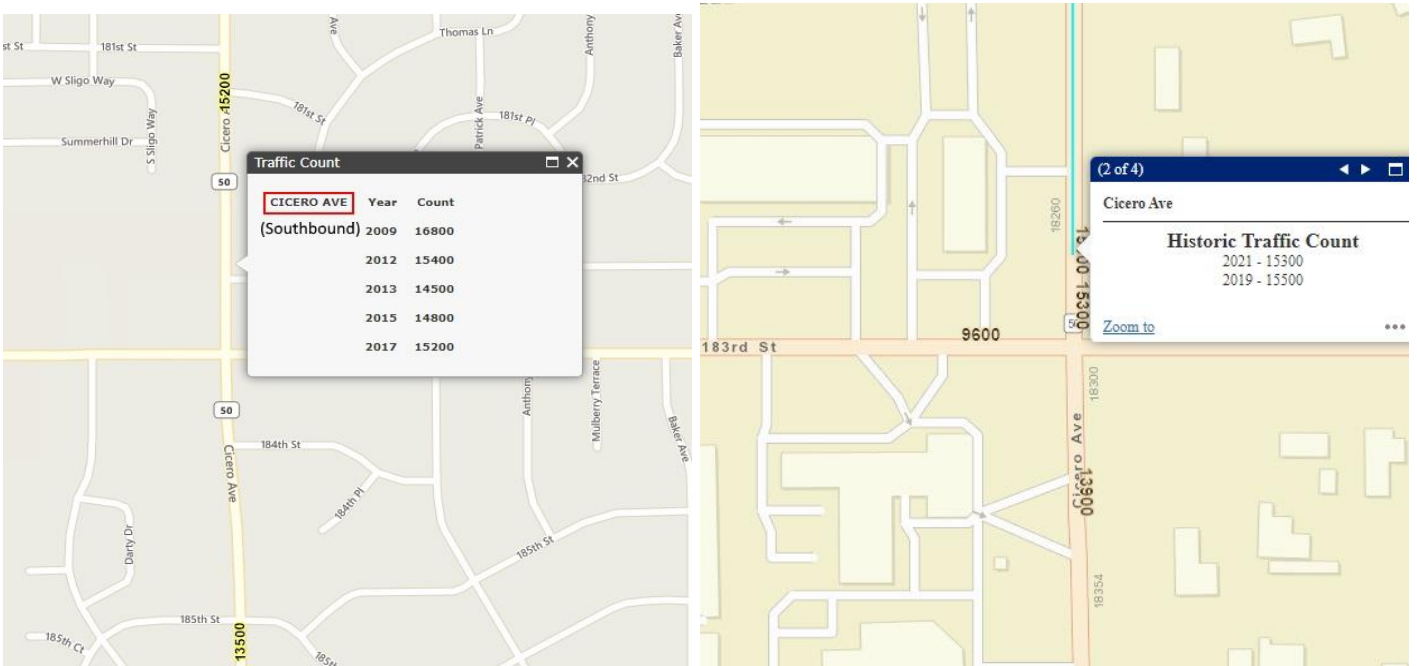
## Westbound ADTC



## Northbound ADTC



## Southbound ADTC





## 4. Summary of Adjudication

The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **183<sup>rd</sup> St and Cicero Ave** from 2018 to 2020.

	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>In Person</b>	65	94	45
<b>By Mail</b>	25	58	43

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **183<sup>rd</sup> St and Cicero Ave** from 2018 to 2020.

	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>In Person</b>	86	115	65
<b>By Mail</b>	79	105	76



## 5. Report Summary and Recommendation



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

In 2008, prior to RLR camera installation, the combined ADTC was 59,000. From 2010-2020, post RLR camera installation, the combined average of ADTC was 54,377 – a reduction of 7.84%. (See tab 3)

From 2007-2008, prior to RLR camera installation, there were 28 total crashes; this averages out to 14 crashes a year. From 2010-2020, post RLR camera installation, there were 95 total crashes; this averages out to 8.64 crashes per year - a 38.31% 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 38.31% with a reduction of 7.84% 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 **183<sup>rd</sup> St and Cicero Ave** in the **City of Country Club Hills** 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.