



175th St and Pulaski Rd <Northbound and Southbound>



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

Reference No: 016-47400

May 2022



John Galvin—Chief of Police
Department of Police

3700 W. 175th 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
175th St and Pulaski Rd (North and Southbound)
City of Country Club Hills
Ref #: 016 -47400

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersection of 175th St and Pulaski Rd, 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.

Best Regards,

A handwritten signature in black ink, appearing to read "John Galvin".

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 2010, 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 **175th St and Pulaski Rd.**

- Date on which the cameras went live on the Northbound and Southbound approaches: **07/2010**
- 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: **2015**
- Year in which the 2nd 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>SafeSpeed, LLC 150 North Wacker Drive Floor 8 Chicago, IL 60606</p> <p>Phone: (877) 237-2331 Fax: (877) 237-2302 Email: info@safespeedllc.com Web: safespeedllc.com</p> <p>Key Contact: Ryan Kim Phone: (312) 924-7248 Email: rkim@safespeedllc.com</p>	<p>Electrical Contractor</p> <p>Meade Electric Company 625 Willowbrook Center Parkway Willowbrook, IL 60527</p> <p>Phone: (708) 588-2500 Fax: (708) 588-2501 Email: info@meadeelectric.com Web: meadeelectric.com</p> <p>Key Contact: Mr. Michael Knutson Phone: (708) 588-2500 Email: mkk@meade100.com</p>
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2. RLR Crash Data and Analysis

The table below shows a summary of motor vehicle crashes at the intersection of **175th St and Pulaski Rd** over a span of 14 years*.

	Angle	Turning	Rear End	Sideswipe	Fixed Object	Total
2007	1	3	4	0	0	8
2008	1	7	6	2	1	17
2009	2	2	3	0	0	7
2010	0	7	4	0	0	11
2011	0	6	5	0	0	11
2012	2	4	4	1	0	11
2013	1	3	3	0	0	7
2014	1	5	3	0	0	9
2015	1	3	3	1	0	8
2016	1	4	4	0	1	10
2017	4	1	9	1	0	15
2018	2	2	4	0	0	8
2019	1	5	5	0	0	11
2020	1	3	2	1	0	7

The data from 2007**-2009 shows the period prior to the installation of the RLR cameras.

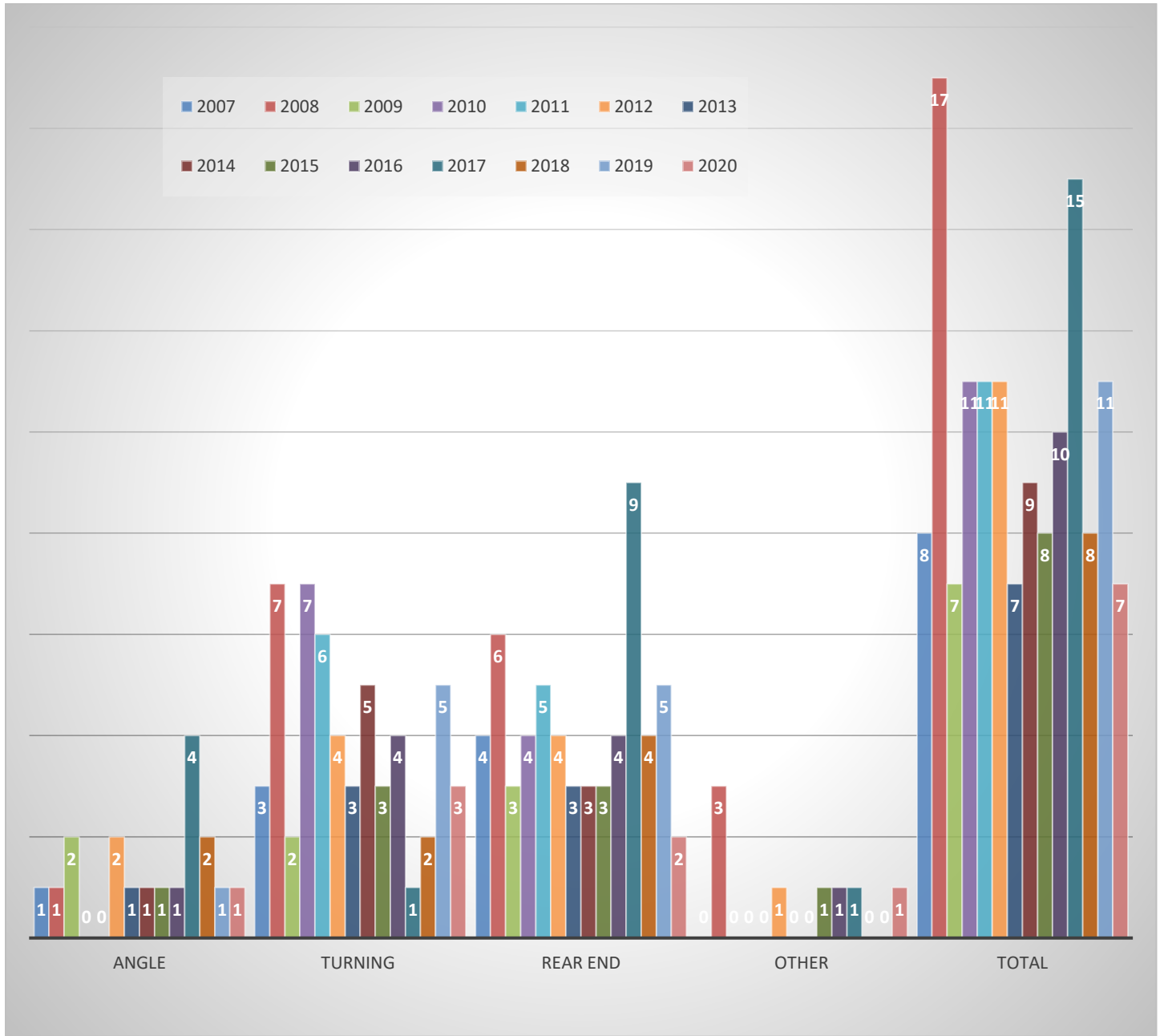
The data from 2010 shows the year in which the cameras were installed.

The data from 2011-2020 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	1	3	4	0	8	10.67
	2008	1	7	6	3	17	
	2009	2	2	3	0	7	
	2010	0	7	4	0	11	
After Installation	2011	0	6	5	0	11	9.7
	2012	2	4	4	1	11	
	2013	1	3	3	0	7	
	2014	1	5	3	0	9	
	2015	1	3	3	1	8	
	2016	1	4	4	1	10	
	2017	4	1	9	1	15	
	2018	2	2	4	0	8	
	2019	1	5	5	0	11	
	2020	1	3	2	1	7	

* Other crashes include: Sideswipe and Fixed Object.

From 2007-2009, prior to RLR camera installation, there were 32 total crashes; this averages out to 10.67 crashes a year.

From 2011-2020, post RLR camera installation, there were 97 total crashes; this averages out to 9.7 crashes per year - a 9.06% 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.

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

Database: CISReports
08/11/2009
Page 3 of 3

01/01/2007 to 12/31/2007

Route: 8115 From MileStation 4.62 to 4.62

County: COOK

Intersection Related

TOTAL	FATAL	INJURY	PROPERTY DAMAGE	TOTAL KILLED	TOTAL INJURED	A	B	C
8	0	4	4	0	7	0	4	3

<i>Type of Crash</i>	<i>Total</i>	<i>%</i>	<i>Day of Week</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>
Angle	1	12.50%	Sunday	1	12.50%	1 AM	1	12.50%	Passenger	10	62.50%
Rear end	4	50.00%	Monday	2	25.00%	2 AM	1	12.50%	Pickup	2	12.50%
Turning	3	37.50%	Wednesday	2	25.00%	8 AM	1	12.50%	SUV	2	12.50%
			Saturday	3	37.50%	9 AM	1	12.50%	Van/Mini-Van	2	12.50%
						2 PM	1	12.50%			
						3 PM	3	37.50%			
TOTAL:	8		TOTAL:	8		TOTAL:	8		TOTAL:	16	

<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>Vehicle DIR</i>	<i>Total</i>	<i>%</i>
Clear	6	75.00%	Darkness, Lighted Road	2	25.00%	Dry	7	87.5	East	5	31.25%
Other	1	12.50%	Daylight	6	75.00%	Snow or Slush	1	12.5	North	2	12.50%
Snow	1	12.50%							South	7	43.75%
									Southwest	1	6.25%
									West	1	6.25%
TOTAL:	8		TOTAL:	8		TOTAL:	8		TOTAL:	16	

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

Database: CISReports

08/11/2009

Page 4 of 4

01/01/2008 to 12/31/2008

Route: 8115 From MileStation 4.62 to 4.62

County: COOK

Intersection Related

TOTAL	FATAL	INJURY	PROPERTY DAMAGE	TOTAL KILLED	TOTAL INJURED	A	B	C
17	0	4	13	0	5	1	2	2

<i>Type of Crash</i>	<i>Total</i>	<i>%</i>	<i>Day of Week</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>
Angle	1	5.88%	Sunday	1	5.88%	1 AM	1	5.88%	Other Vehicle with Trailer	1	2.86%
Fixed object	1	5.88%	Monday	5	29.41%	8 AM	3	17.65%	Passenger	25	71.43%
Rear end	6	35.29%	Wednesday	2	11.76%	11 AM	1	5.88%	Pickup	1	2.86%
Sideswipe same direction	2	11.76%	Thursday	1	5.88%	Noon	1	5.88%	SUV	4	11.43%
Turning	7	41.18%	Friday	4	23.53%	1 PM	2	11.76%	Van/Mini-Van	4	11.43%
			Saturday	4	23.53%	2 PM	2	11.76%			
						3 PM	1	5.88%			
						4 PM	1	5.88%			
						5 PM	1	5.88%			
						6 PM	1	5.88%			
						7 PM	1	5.88%			
						9 PM	1	5.88%			
						10 PM	1	5.88%			
TOTAL:	17		TOTAL:	17		TOTAL:	17		TOTAL:	35	

<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>Vehicle DIR</i>	<i>Total</i>	<i>%</i>
Clear	12	70.59%	Darkness	2	11.76%	Dry	11	64.7	East	8	22.86%
Rain	3	17.65%	Darkness, Lighted Road	3	17.65%	Ice	2	11.7	North	7	20.00%
Sleet/Hail	1	5.88%	Dawn	1	5.88%	Unknown	1	5.8	South	9	25.71%
Snow	1	5.88%	Daylight	11	64.71%	Wet	3	17.6	Southeast	3	8.57%
									Southwest	2	5.71%
									West	6	17.14%
TOTAL:	17		TOTAL:	17		TOTAL:	17		TOTAL:	35	

Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: TS115 | From MileStation 4.62 to 4.62 | 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	0	5	0	5	0	4	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	2	28.6%	Monday	1	14.3%	07 AM	1	14.3%	Passenger	10	71.4%
11-Rear end	3	42.9%	Tuesday	1	14.3%	10 AM	1	14.3%	Pickup	1	7.1%
15-Angle	2	28.6%	Wednesday	2	28.6%	Noon	1	14.3%	Sport utility vehicle (SUV)	2	14.3%
TOTAL:	7		Thursday	1	14.3%	3 PM	1	14.3%	Van/mini van	1	7.1%
			Friday	1	14.3%	4 PM	1	14.3%	TOTAL:	14	
			Saturday	1	14.3%	8 PM	1	14.3%			
			TOTAL:	7		9 PM	1	14.3%			
						TOTAL:	7				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	100.0%	Darkness/Lighted road	2	28.6%	Dry	6	85.7%	East	2	14.3%
TOTAL:	7		Daylight	5	71.4%	Wet	1	14.3%	North	4	28.6%
			TOTAL:	7		TOTAL:	7		Northwest	1	7.1%
									South	2	14.3%
									West	5	35.7%
									TOTAL:	14	

Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: TS115 | From MileStation 4.45 to 4.45 | 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
11	0	0	0	5	6	0	6	0	0	6

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	7	63.6%	Monday	4	36.4%	07 AM	1	9.1%	Passenger	13	59.1%
11-Rear end	4	36.4%	Tuesday	3	27.3%	Noon	1	9.1%	Pickup	2	9.1%
TOTAL:	11		Thursday	1	9.1%	1 PM	1	9.1%	Sport utility vehicle (SUV)	2	9.1%
			Friday	2	18.2%	2 PM	1	9.1%	Unknown/NA	1	4.5%
			Sunday	1	9.1%	3 PM	1	9.1%	Van/mini van	4	18.2%
			TOTAL:	11		4 PM	1	9.1%	TOTAL:	22	
						5 PM	1	9.1%			
						7 PM	2	18.2%			
						8 PM	1	9.1%			
						11 PM	1	9.1%			
						TOTAL:	11				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	100.0%	Darkness/Lighted road	4	36.4%	Dry	10	90.9%	East	2	9.1%
TOTAL:	11		Daylight	7	63.6%	Wet	1	9.1%	North	7	31.8%
			TOTAL:	11		TOTAL:	11		Northeast	2	9.1%
									Northwest	1	4.5%
									South	5	22.7%
									Southeast	1	4.5%
									West	4	18.2%
									TOTAL:	22	

Coordinate Collision Diagram Report

1/1/2011 to 12/31/2011

For XCoordinate 2967761.07492099 : YCoordinate 1795987.00196695 | Foot Tolerance : 30 | 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
11	0	0	1	5	5	0	10	0	1	9

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	6	54.5%	Monday	1	9.1%	06 AM	2	18.2%	Passenger	20	83.3%
11-Rear end	5	45.5%	Wednesday	2	18.2%	08 AM	1	9.1%	Sport utility vehicle (SUV)	3	12.5%
TOTAL:	11		Thursday	2	18.2%	11 AM	1	9.1%	Van/mini van	1	4.2%
			Friday	2	18.2%	2 PM	1	9.1%	TOTAL:	24	
			Saturday	2	18.2%	3 PM	1	9.1%			
			Sunday	2	18.2%	5 PM	2	18.2%			
			TOTAL:	11		6 PM	1	9.1%			
						10 PM	1	9.1%			
						11 PM	1	9.1%			
						TOTAL:	11				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	72.7%	Darkness	1	9.1%	Dry	9	81.8%	East	7	29.2%
Rain	1	9.1%	Darkness/Lighted road	3	27.3%	Snow or slush	1	9.1%	North	2	8.3%
Sleet/hail	1	9.1%	Daylight	7	63.6%	Wet	1	9.1%	Northwest	1	4.2%
Snow	1	9.1%	TOTAL:	11		TOTAL:	11		South	10	41.7%
TOTAL:	11								Southeast	2	8.3%
									Southwest	1	4.2%
									West	1	4.2%

Coordinate Collision Diagram Report

1/1/2012 to 12/31/2012

For XCoordinate 2967761.07132842 : YCoordinate 1795986.60429651 | Foot Tolerance : 30 | 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>3</u>	<u>1</u>	<u>7</u>	<u>0</u>	<u>10</u>	<u>0</u>	<u>8</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	18.2%	Tuesday	1	9.1%	Midnight	1	9.1%	Motorcycle (Over 150cc)	1	4.5%
Rear End	4	36.4%	Wednesday	1	9.1%	10 AM	1	9.1%	Passenger	12	54.5%
Sideswipe Same Direction	1	9.1%	Thursday	3	27.3%	Noon	2	18.2%	Pickup	1	4.5%
Turning	4	36.4%	Friday	1	9.1%	3 PM	2	18.2%	SUV	5	22.7%
TOTAL:	11		Saturday	3	27.3%	7 PM	1	9.1%	Van/Mini-Van	3	13.6%
			Sunday	2	18.2%	8 PM	1	9.1%	TOTAL:	22	
			TOTAL:	11		9 PM	1	9.1%			
						10 PM	1	9.1%			
						11 PM	1	9.1%			
						TOTAL:	11				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	100.0%	Darkness	1	9.1%	Dry	10	90.9%	East	6	27.3%
TOTAL:	11		Darkness, Lighted Road	5	45.5%	Wet	1	9.1%	North	9	40.9%
			Daylight	5	45.5%	TOTAL:	11		South	3	13.6%
			TOTAL:	11					Southeast	2	9.1%
									West	2	9.1%
									TOTAL:	22	

Coordinate Collision Diagram Report

1/1/2013 to 12/31/2013

For XCoordinate 2967761.06567224 : YCoordinate 1795986.81731621 | Foot Tolerance : 30 | 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	1	2	1	3	0	8	1	4	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	14.3%	Monday	2	28.6%	10 AM	1	14.3%	Passenger	6	42.9%
Rear End	3	42.9%	Tuesday	1	14.3%	3 PM	1	14.3%	SUV	6	42.9%
Turning	3	42.9%	Wednesday	1	14.3%	6 PM	2	28.6%	Van/Mini-Van	2	14.3%
TOTAL:	7		Thursday	2	28.6%	8 PM	2	28.6%	TOTAL:	14	
			Sunday	1	14.3%	10 PM	1	14.3%			
			TOTAL:	7		TOTAL:	7				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	85.7%	Darkness/ Lighted Road	3	42.9%	Dry	6	85.7%	East	1	7.1%
Snow	1	14.3%	Daylight	4	57.1%	Snow or Slush	1	14.3%	North	3	21.4%
TOTAL:	7		TOTAL:	7		TOTAL:	7		Northeast	1	7.1%
									South	5	35.7%
									Southeast	2	14.3%
									West	2	14.3%
									TOTAL:	14	

Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2967761.07125412 : YCoordinate 1795986.6070949 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
9	0	0	2	2	5	0	7	0	4	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	11.1%	Monday	2	22.2%	Midnight	1	11.1%	Passenger	13	68.4%
Rear End	3	33.3%	Tuesday	1	11.1%	03 AM	1	11.1%	Pickup	1	5.3%
Turning	5	55.6%	Wednesday	2	22.2%	07 AM	1	11.1%	SUV	5	26.3%
TOTAL:	9		Friday	3	33.3%	08 AM	1	11.1%	TOTAL:	19	
			Saturday	1	11.1%	09 AM	2	22.2%			
			TOTAL:	9		11 AM	2	22.2%			
						2 PM	1	11.1%			
						TOTAL:	9				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	77.8%	Darkness/ Lighted Road	2	22.2%	Dry	7	77.8%	East	2	10.5%
Rain	1	11.1%	Daylight	6	66.7%	Snow or Slush	2	22.2%	North	5	26.3%
Severe Cross Wind	1	11.1%	Unknown	1	11.1%	TOTAL:	9		South	6	31.6%
TOTAL:	9		TOTAL:	9					Southwest	1	5.3%
									West	5	26.3%
									TOTAL:	19	

Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2967761.23805174 : YCoordinate 1795987.16181485 | 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	0	1	7	0	2	0	0	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	12.5%	Monday	2	25.0%	01 AM	1	12.5%	Passenger	11	61.1%
Rear End	3	37.5%	Tuesday	2	25.0%	09 AM	1	12.5%	SUV	4	22.2%
Sideswipe Same Direction	1	12.5%	Wednesday	2	25.0%	10 AM	1	12.5%	Unknown	1	5.6%
Turning	3	37.5%	Friday	1	12.5%	2 PM	1	12.5%	Van/Mini-Van	2	11.1%
TOTAL:	8		Sunday	1	12.5%	6 PM	2	25.0%	TOTAL:	18	
			TOTAL:	8		9 PM	2	25.0%			
						TOTAL:	8				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	62.5%	Darkness	2	25.0%	Dry	5	62.5%	East	3	16.7%
Rain	2	25.0%	Darkness, Lighted Road	2	25.0%	Snow or Slush	1	12.5%	North	7	38.9%
Snow	1	12.5%	Daylight	4	50.0%	Unknown	1	12.5%	Northeast	1	5.6%
TOTAL:	8		TOTAL:	8		Wet	1	12.5%	South	4	22.2%
						TOTAL:	8		Southwest	1	5.6%
									West	2	11.1%
								TOTAL:	18		

Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2967761.07125412 : YCoordinate 1795986.6070949 | 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>5</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>7</u>	<u>0</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	10.0%	Monday	1	10.0%	03 AM	1	10.0%	Passenger	11	55.0%
Fixed Object	1	10.0%	Tuesday	1	10.0%	07 AM	2	20.0%	Pickup	1	5.0%
Rear End	4	40.0%	Thursday	1	10.0%	3 PM	2	20.0%	SUV	6	30.0%
Turning	4	40.0%	Friday	1	10.0%	5 PM	1	10.0%	Unknown	1	5.0%
TOTAL:	10		Saturday	4	40.0%	6 PM	3	30.0%	Van/Mini-Van	1	5.0%
			Sunday	2	20.0%	8 PM	1	10.0%	TOTAL:	20	
			TOTAL:	10		TOTAL:	10				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	60.0%	Darkness	1	10.0%	Dry	6	60.0%	East	5	25.0%
Snow	4	40.0%	Darkness, Lighted Road	5	50.0%	Snow or Slush	4	40.0%	North	4	20.0%
TOTAL:	10		Daylight	4	40.0%	TOTAL:	10		South	6	30.0%
			TOTAL:	10					Southeast	1	5.0%
									West	4	20.0%
									TOTAL:	20	

Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2967761.07125412 : YCoordinate 1795986.6070949 | 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>2</u>	<u>5</u>	<u>8</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	%
Angle	4	26.7%	Monday	3	20.0%	Midnight	1	6.7%	Other Vehicle With Trailer	1	3.0%
Rear End	9	60.0%	Tuesday	2	13.3%	01 AM	1	6.7%	Passenger	18	54.5%
Sideswipe Same Direction	1	6.7%	Wednesday	2	13.3%	08 AM	1	6.7%	Pickup	3	9.1%
Turning	1	6.7%	Thursday	2	13.3%	09 AM	2	13.3%	SUV	10	30.3%
TOTAL:	15		Friday	3	20.0%	11 AM	1	6.7%	Van/Mini-Van	1	3.0%
			Sunday	3	20.0%	Noon	1	6.7%	TOTAL:	33	
			TOTAL:	15		2 PM	1	6.7%			
						6 PM	1	6.7%			
						7 PM	1	6.7%			
						8 PM	2	13.3%			
						10 PM	1	6.7%			
						11 PM	2	13.3%			
						TOTAL:	15				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	73.3%	Darkness	2	13.3%	Dry	11	73.3%	East	13	39.4%
Rain	2	13.3%	Darkness, Lighted Road	5	33.3%	Snow or Slush	2	13.3%	North	4	12.1%
Snow	2	13.3%	Daylight	8	53.3%	Wet	2	13.3%	Northeast	1	3.0%
TOTAL:	15		TOTAL:	15		TOTAL:	15		South	10	30.3%

Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2967762.191 : YCoordinate 1795986.934 | 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	2	0	1	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	25.0%	Monday	1	12.5%	01 AM	1	12.5%	Bus over 15 seats	1	5.9%
Front to Rear	4	50.0%	Tuesday	3	37.5%	07 AM	1	12.5%	Passenger	12	70.6%
Turning	2	25.0%	Wednesday	1	12.5%	3 PM	1	12.5%	SUV	3	17.6%
TOTAL:	8		Friday	2	25.0%	4 PM	2	25.0%	Van/Mini-Van	1	5.9%
			Saturday	1	12.5%	5 PM	1	12.5%	TOTAL:	17	
			TOTAL:	8		6 PM	1	12.5%			
						9 PM	1	12.5%			
						TOTAL:	8				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	87.5%	Darkness, Lighted Road	4	50.0%	Dry	5	62.5%	East	10	58.8%
Other	1	12.5%	Daylight	4	50.0%	Ice	1	12.5%	South	6	35.3%
TOTAL:	8		TOTAL:	8		Wet	2	25.0%	West	1	5.9%
						TOTAL:	8		TOTAL:	17	

Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2967762.191 : YCoordinate 1795986.934 | 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>0</u>	<u>2</u>	<u>1</u>	<u>8</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	1	9.1%	Tuesday	4	36.4%	02 AM	1	9.1%	Passenger	14	60.9%
Front to Rear	5	45.5%	Wednesday	2	18.2%	07 AM	1	9.1%	Pickup	2	8.7%
Turning	5	45.5%	Friday	2	18.2%	10 AM	3	27.3%	SUV	7	30.4%
TOTAL:	11		Saturday	1	9.1%	1 PM	1	9.1%	TOTAL:	23	
			Sunday	2	18.2%	4 PM	2	18.2%			
			TOTAL:	11		6 PM	1	9.1%			
						7 PM	1	9.1%			
						8 PM	1	9.1%			
						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	6	26.1%
Cloudy/Overcast	1	9.1%	Daylight	7	63.6%	Wet	1	9.1%	North	6	26.1%
TOTAL:	11		TOTAL:	11		TOTAL:	11		Northeast	1	4.3%
									South	6	26.1%
									West	4	17.4%
									TOTAL:	23	

Coordinate Collision Diagram Report

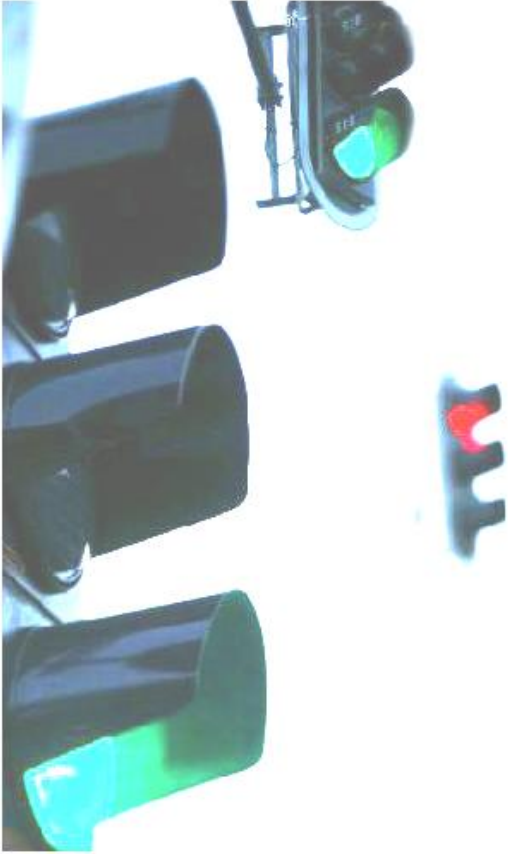
1/1/2020 to 12/31/2020

For XCoordinate 2967762.191 : YCoordinate 1795986.934 | 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
7	0	0	0	1	6	0	1	0	0	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	14.3%	Tuesday	1	14.3%	07 AM	1	14.3%	Passenger	8	53.3%
Front to Rear	2	28.6%	Wednesday	1	14.3%	08 AM	1	14.3%	SUV	6	40.0%
Sideswipe Same Direction	1	14.3%	Thursday	1	14.3%	3 PM	2	28.6%	Unknown	1	6.7%
Turning	3	42.9%	Friday	2	28.6%	7 PM	2	28.6%	TOTAL:	15	
TOTAL:	7		Saturday	1	14.3%	10 PM	1	14.3%			
			Sunday	1	14.3%	TOTAL:	7				
			TOTAL:	7							

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	71.4%	Darkness	1	14.3%	Dry	4	57.1%	East	1	6.7%
Rain	1	14.3%	Darkness, Lighted Road	2	28.6%	Snow or Slush	1	14.3%	North	9	60.0%
Snow	1	14.3%	Daylight	4	57.1%	Wet	2	28.6%	Northwest	1	6.7%
TOTAL:	7		TOTAL:	7		TOTAL:	7		South	2	13.3%
									Southeast	1	6.7%
									West	1	6.7%
									TOTAL:	15	



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **175th St and Pulaski Rd** over a span of 12 years.

The history of available ADTC on each approach was obtained from the IDOT website per the RLR Guideline document published by the IDOT and recorded in **bold** below.

(<http://www.gettingaroundillinois.com/gai.htm?mt=aadt>)

The data from 2009 shows the period prior to the installation of the RLR cameras.

The data from 2010 shows the year in which the cameras were installed.

The data from 2011-2020 shows the period following the installation.

	Direction Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	2009	8,900	12,400	17,100	18,500	56,900	56,900
	2010	7,700	11,400	15,900	22,100	57,100	
After Installation	2011	7,700	11,400	15,900	22,100	57,100	47,790
	2012	7,700	11,400	15,900	22,100	57,100	
	2013	7,700	11,400	15,900	22,100	57,100	
	2014	6,100	11,100	8,950	10,900	37,050	
	2015	6,100	11,100	8,950	10,900	37,050	
	2016	6,100	11,100	8,950	10,900	37,050	
	2017	6,100	11,100	8,950	10,900	37,050	
	2018	6,900	11,200	14,700	20,000	52,800	
	2019	6,900	11,200	14,700	20,000	52,800	
	2020	6,900	11,200	14,700	20,000	52,800	

In 2009, prior to RLR camera installation, the combined ADTC was 56,900.

From 2011-2020, post RLR camera installation, the combined average of ADTC was 47,790 – a reduction of 16.01%.

The following pages show the complete ADTC data from 2009-2020 obtained from the IDOT’s website.

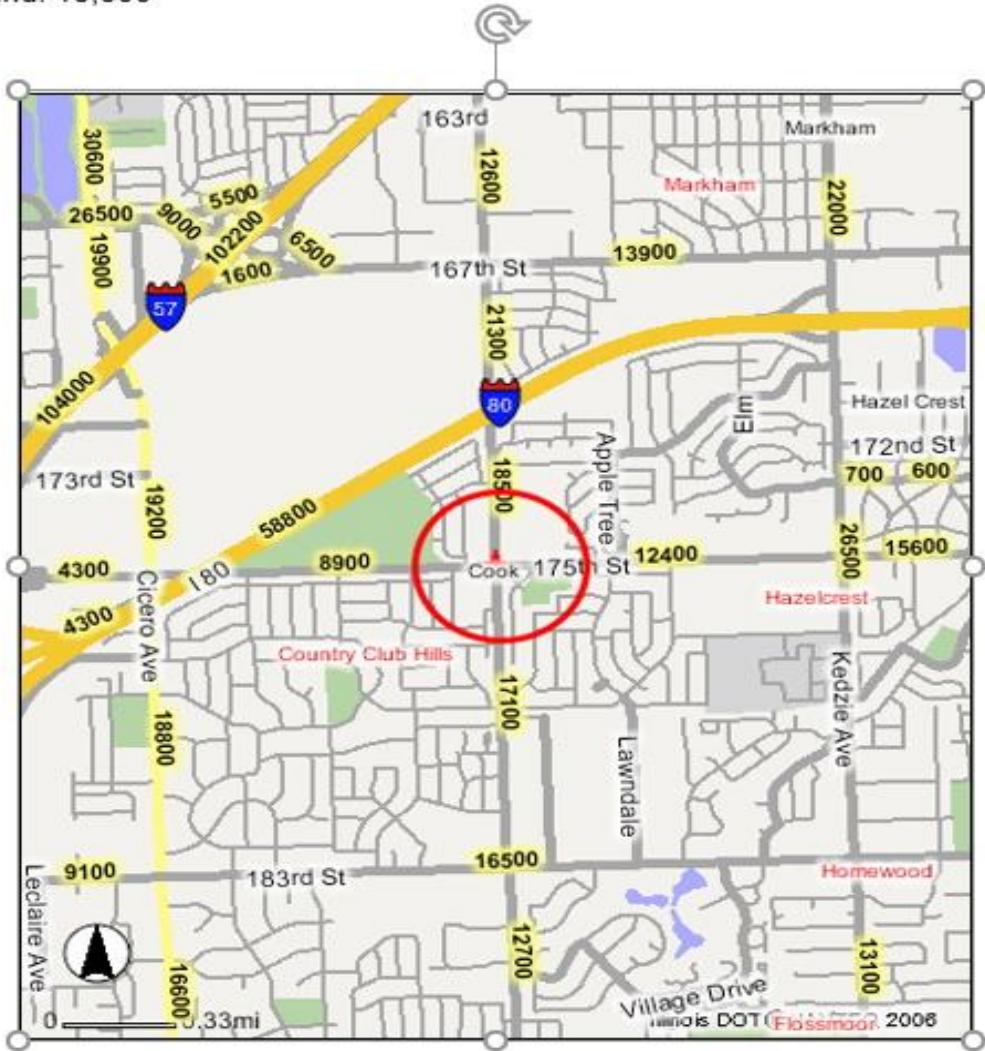
The traffic numbers below were obtained from the IDOT website during the preparation of past reports and now per the RLR Guideline document published by the IDOT. Only ADTC values were available, peak numbers were not provided.

2009

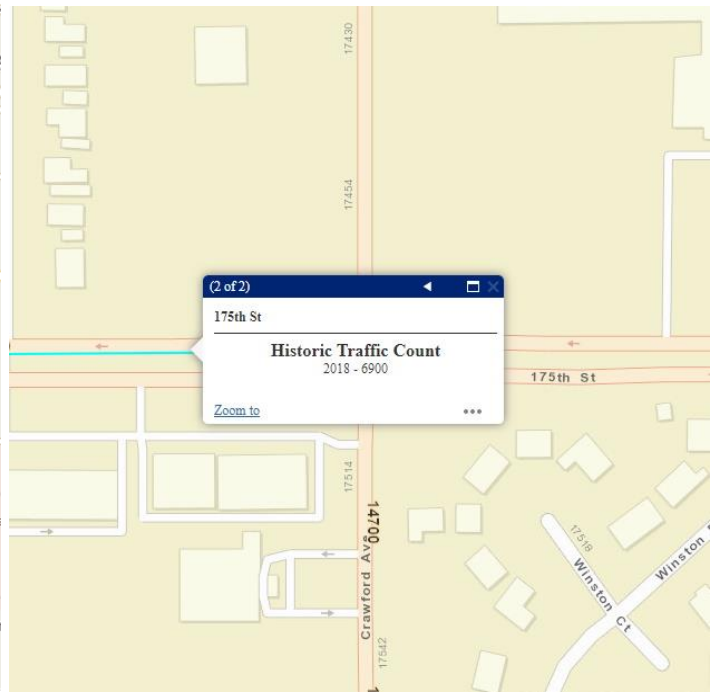
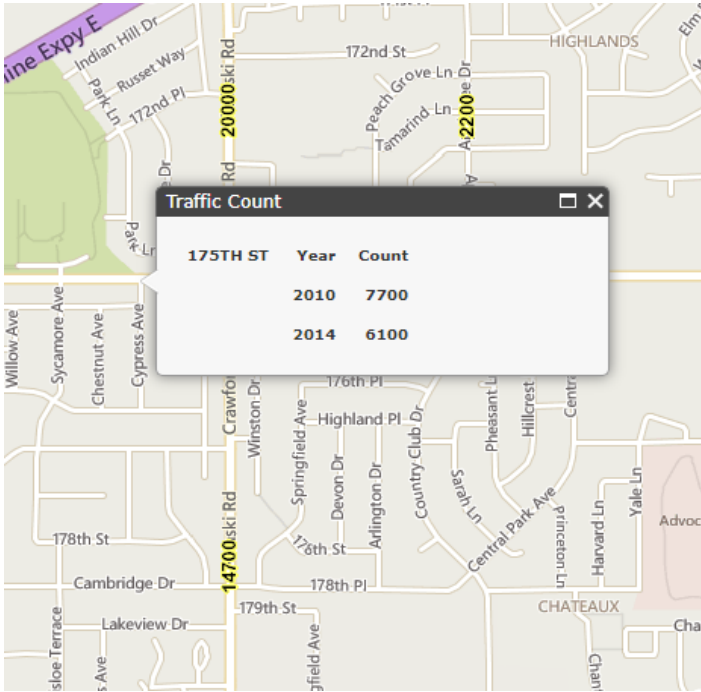
The average daily traffic count (ADTC) below were obtained from the IDOT website per the RLR Guideline document published by the IDOT. Only ADTC values were available, peak numbers were not provided.

- 175th St ADTC**
- Eastbound: 8,900
 - Westbound: 12,400

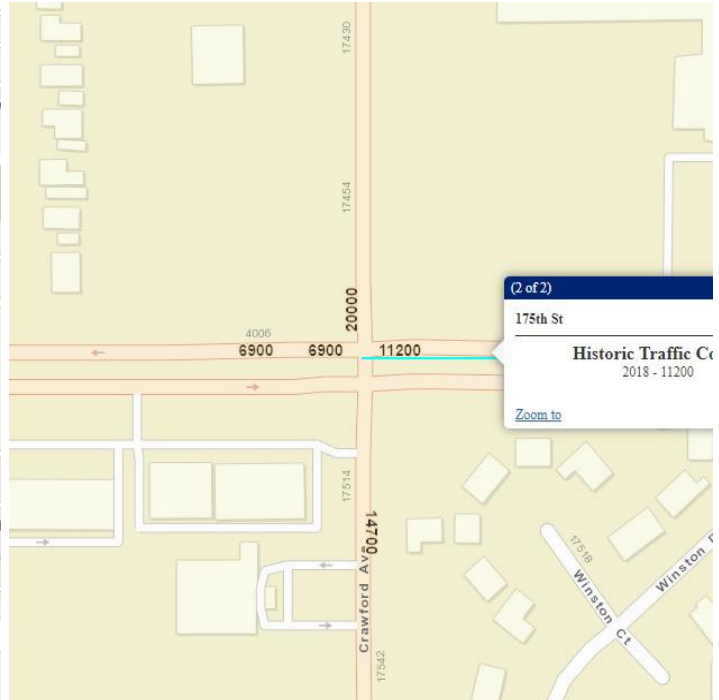
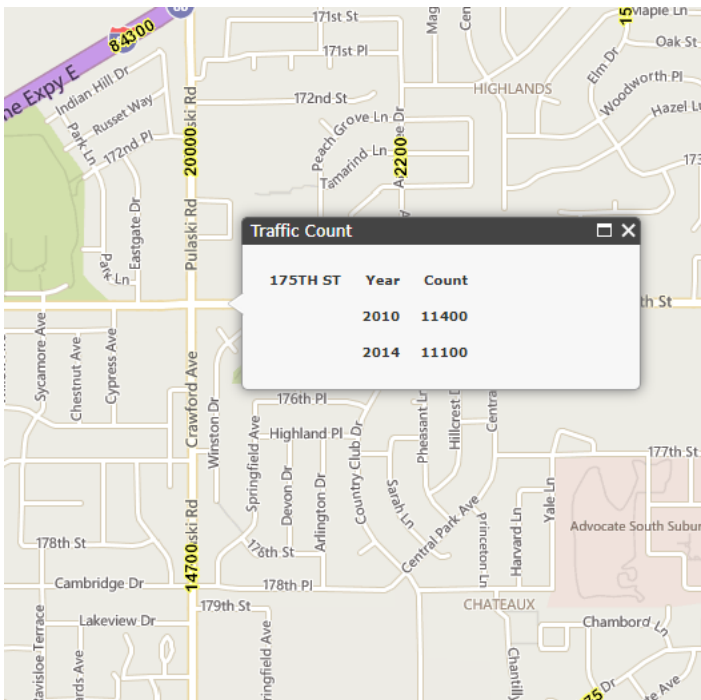
- Pulaski Rd (Crawford Ave) ADTC**
- Northbound: 17,100
 - Southbound: 18,500



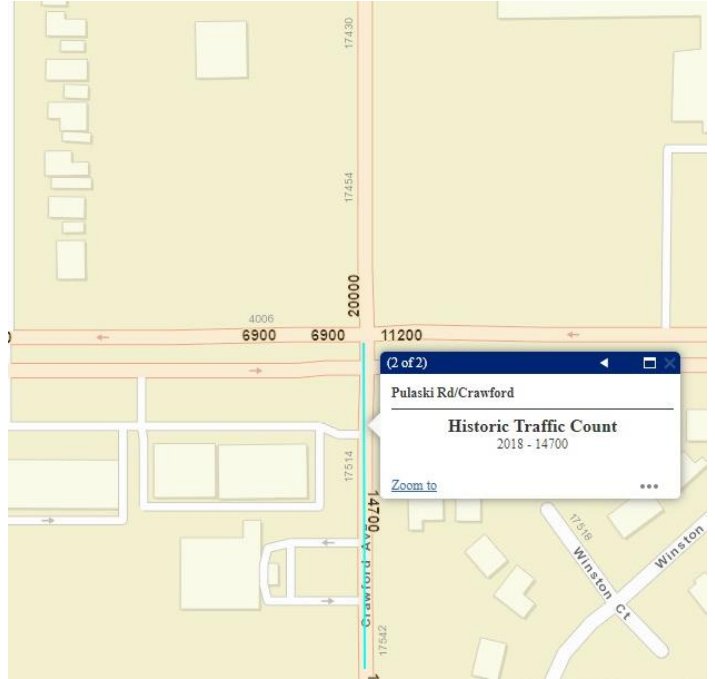
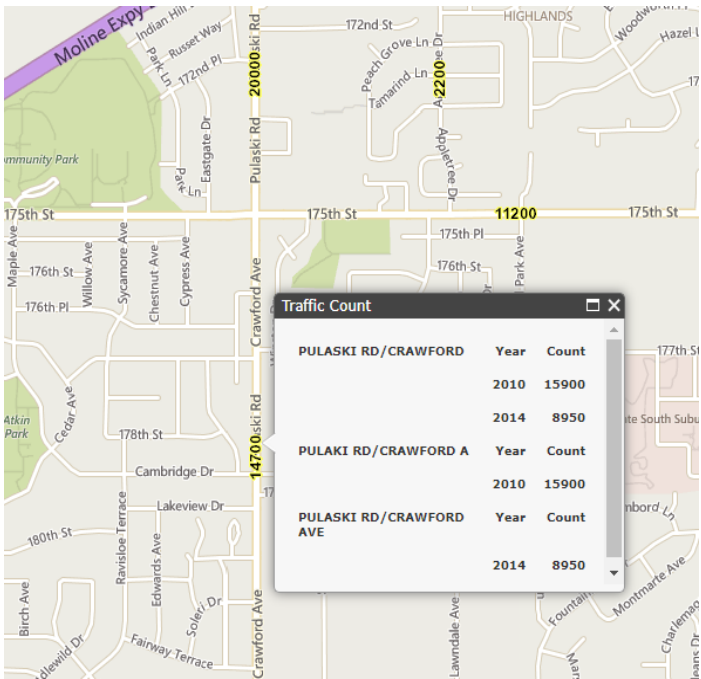
Eastbound ADTC



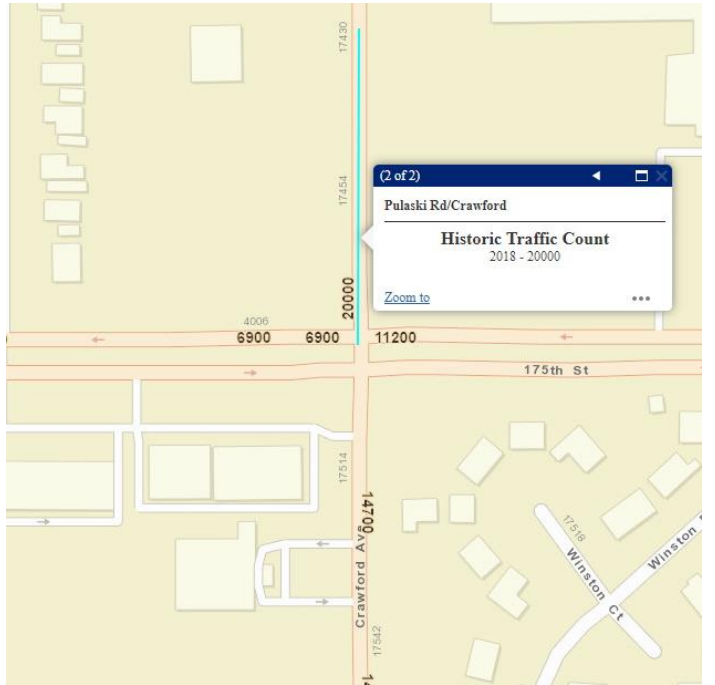
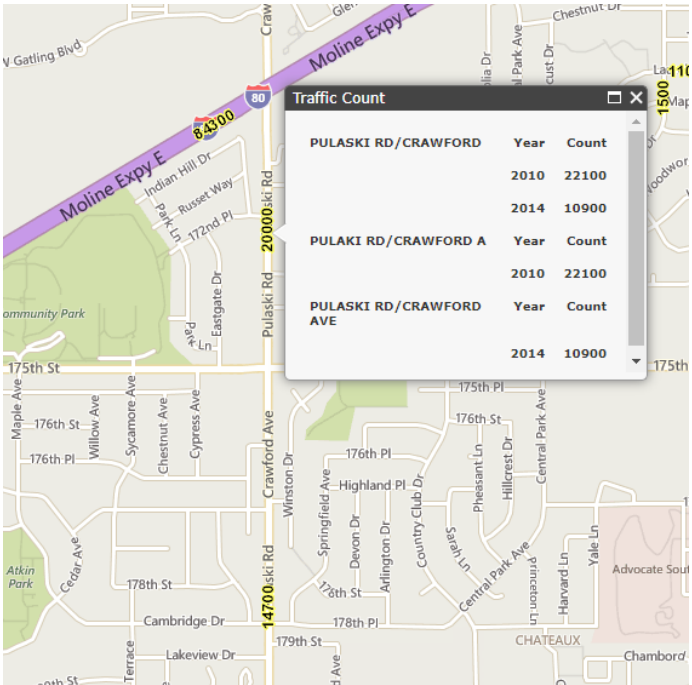
Westbound ADTC



Northbound ADTC



Southbound ADTC





4. Summary of Adjudication

The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **175th St and Pulaski Rd** from 2018 to 2020.

	2018	2019	2020
In Person	55	48	74
By Mail	28	32	41

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **175th St and Pulaski Rd** from 2018 to 2020.

	2018	2019	2020
In Person	66	65	78
By Mail	43	52	53



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 2009, prior to RLR camera installation, the combined ADTC was 56,900. From 2011-2020, post RLR camera installation, the combined average of ADTC was 47,790 – a reduction of 16.01%. (See tab 3)

From 2007-2009, prior to RLR camera installation, there were 32 total crashes; this averages out to 10.67 crashes a year. From 2011-2020, post RLR camera installation, there were 97 total crashes; this averages out to 9.7 crashes per year - a 9.06% 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 9.06% with a reduction of 16.01% 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 **175th St and Pulaski Rd** 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.