



79th St and Cicero Ave

<Eastbound and Southbound>



Burbank, IL RLR Follow-Up Evaluation Report

(Amendatory Act of the 103rd General Assembly)

Reference No: 016-41502

January 2024



Dan M.Foy
Mayor

Barry Szymczak
City Clerk

Dave Viverito
City Treasurer

CITY of BURBANK

6530 West 79th Street
Burbank, IL 60459-1198
P: (708) 599-5500
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ALDERMEN

1st Ward: Barbara Gagle
2nd Ward: Robert Contreras
3rd Ward: Sheri Gustafson
4th Ward: Claude Haerr
5th Ward: John Pacella, Jr.
6th Ward: Mitchell Piznarski
7th Ward: Thomas Phillips

February 8, 2024

Jonathan E. Karabowicz, P.E.
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
79th Street and Cicero Avenue
City of Burbank
Reference No: 016-41502

Dear Mr. Karabowicz:

Please find enclosed a copy of the 1 Year RLR Follow-Up Evaluation Report for the intersection of 79th Street and Cicero Avenue, Burbank, Illinois.

The City of Burbank has been diligently submitting previously required all follow up reports. This report was prepared in compliance with the new law, the amendatory Act of the 103rd General Assembly.

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 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) 924-7300, wcasey@burbankil.gov.

Best Regards,

On behalf of the City of Burbank
William Casey
Deputy Chief of Police

CITY of BURBANK
Dan M. Foy
Mayor

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 103rd 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.

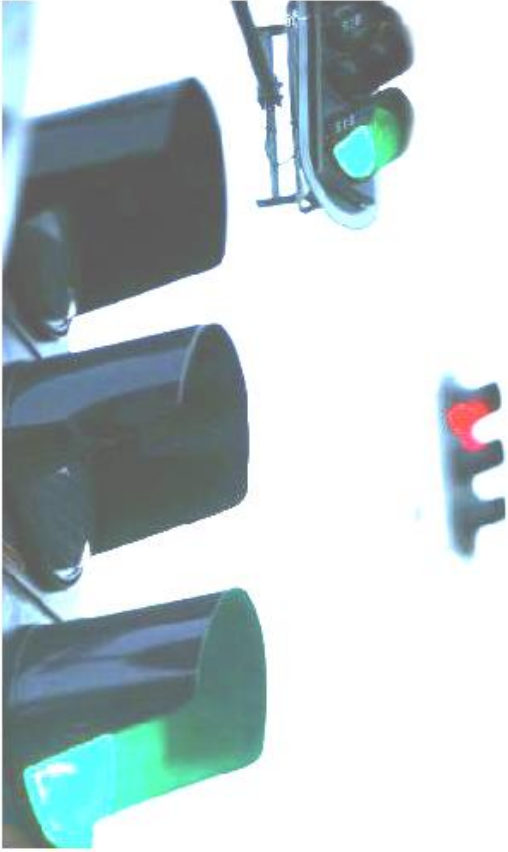
In 2014, the **City of Burbank** received approval from the Illinois Department of Transportation (IDOT) to install Red Light Running (RLR) cameras on the **Eastbound and Southbound** approaches at the intersection of **79th St and Cicero Ave.**

- Date on which the camera went live on the Southbound approach: **10/2014**
- Date on which the camera went live on the Eastbound approach: **06/2015**
- Date on which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **05/2017**
- Date on which the 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **06/2020**
- Date on which the 2nd 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **06/2022**

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>AllTech Tracking, LLC 150 North Wacker Drive Floor 8 Chicago, IL 60606</p> <p>Phone: (877) 237-2331 Fax: (877) 237-2302 Email: info@alltechtracking.com</p> <p>Key Contact: Ryan Kim, P.E. Phone: (312) 924-7248 Email: rkim@alltechtracking.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 **79th St and Cicero Ave** over a span of 12 years*.

	Angle	Turning	Rear End	Pedestrian/ Pedalcyclist	Sideswipe	Fixed Object	Total
2011	1	7	15	0	0	0	23
2012	0	10	17	2	2	0	31
2013	2	8	12	0	0	1	23
2014	0	10	9	0	1	0	20
2015	0	9	6	0	1	0	16
2016	2	17	11	0	1	0	31
2017	2	10	8	0	2	0	22
2018	1	13	4	1	0	0	19
2019	0	8	2	0	1	0	11
2020	1	8	6	1	2	1	19
2021	2	12	3	1	1	1	20
2022	0	4	2	4	2	1	13

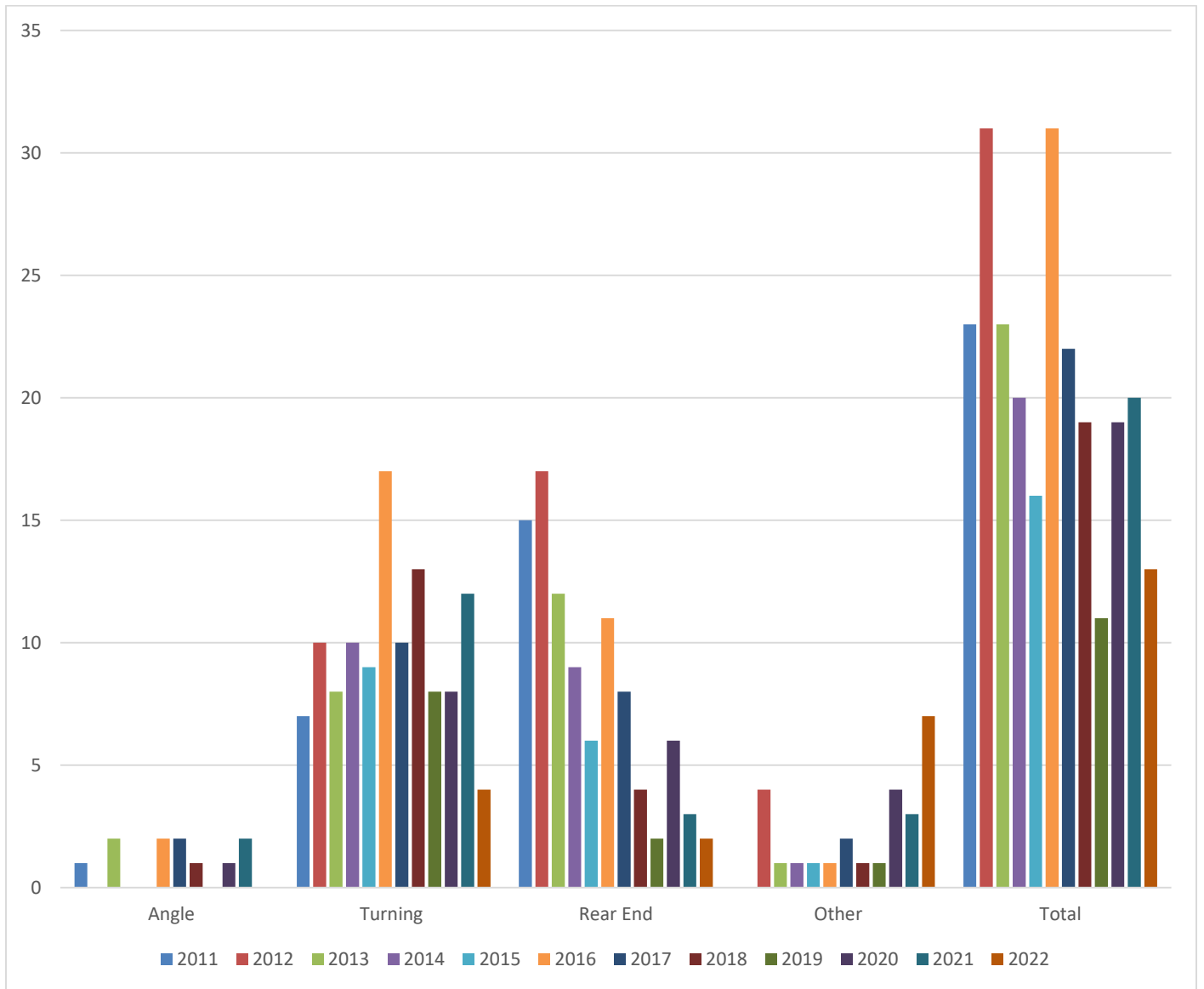
The data from 2011-2013 shows the period prior to the installation of the RLR cameras.

The data from 2014-2015 shows the period in which the cameras were installed.

The data from 2016-2022 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 2011-2022.



	Year \ Type	Angle	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	2011	1	7	15	0	23	25.67
	2012	0	10	17	4	31	
	2013	2	8	12	1	23	
	2014	0	10	9	1	20	
	2015	0	9	6	1	16	
After Installation	2016	2	17	11	1	31	19.29
	2017	2	10	8	2	22	
	2018	1	13	4	1	19	
	2019	0	8	2	1	11	
	2020	1	8	6	4	19	
	2021	2	12	3	3	20	
	2022	0	4	2	7	13	

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

From 2011-2013, prior to RLR camera installation, there were 77 total crashes; this averages out to 25.67 crashes a year.

From 2016-2022, post RLR camera installation, there were 135 total crashes; this averages out to 19.29 crashes per year - a 24.86% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2011-2022. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.

Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: IL050 | From MileStation 46.69 to 46.69 | 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>23</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>16</u>	<u>0</u>	<u>9</u>	<u>2</u>	<u>2</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.3%	Monday	2	8.7%	Midnight	1	4.3%	Other	2	4.2%
Rear End	15	65.2%	Tuesday	4	17.4%	03 AM	1	4.3%	Passenger	30	62.5%
Turning	7	30.4%	Wednesday	6	26.1%	04 AM	1	4.3%	Pickup	1	2.1%
TOTAL:	23		Thursday	3	13.0%	06 AM	2	8.7%	SUV	13	27.1%
			Friday	1	4.3%	07 AM	1	4.3%	Van/Mini-Van	2	4.2%
			Saturday	2	8.7%	09 AM	1	4.3%	TOTAL:	48	
			Sunday	5	21.7%	10 AM	1	4.3%			
			TOTAL:	23		11 AM	1	4.3%			
						Noon	2	8.7%			
						1 PM	1	4.3%			
						2 PM	3	13.0%			
						3 PM	1	4.3%			
						4 PM	1	4.3%			
						6 PM	1	4.3%			
						7 PM	1	4.3%			
						8 PM	1	4.3%			
						9 PM	1	4.3%			
						10 PM	1	4.3%			
						11 PM	1	4.3%			
						TOTAL:	23				

Collision Diagram

1/1/2012 to 12/31/2012

Crash Route: IL050 | From MileStation 46.69 to 46.69 | 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
31	0	0	3	4	24	0	8	0	4	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Pedalcyclist	1	3.2%	Monday	2	6.5%	Midnight	1	3.2%	Passenger	37	60.7%
Pedestrian	1	3.2%	Tuesday	5	16.1%	04 AM	1	3.2%	Pickup	2	3.3%
Rear End	17	54.8%	Wednesday	4	12.9%	06 AM	3	9.7%	SUV	15	24.6%
Sideswipe Same Direction	2	6.5%	Thursday	6	19.4%	07 AM	1	3.2%	Tractor With Semi-Trailer	3	4.9%
Turning	10	32.3%	Friday	4	12.9%	08 AM	1	3.2%	Tractor Without Semi-Trailer	1	1.6%
TOTAL:	31		Saturday	6	19.4%	09 AM	2	6.5%	Unknown	1	1.6%
			Sunday	4	12.9%	10 AM	1	3.2%	Van/Mini-Van	2	3.3%
			TOTAL:	31		Noon	1	3.2%	TOTAL:	61	
						1 PM	2	6.5%			
						3 PM	4	12.9%			
						4 PM	1	3.2%			
						5 PM	3	9.7%			
						6 PM	1	3.2%			
						7 PM	4	12.9%			
						8 PM	1	3.2%			
						9 PM	2	6.5%			
						10 PM	2	6.5%			
						TOTAL:	31				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	24	77.4%	Darkness	1	3.2%	Dry	21	67.7%	East	19	31.1%

Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: IL050 | From MileStation 46.69 to 46.69 | 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
23	0	0	0	2	21	0	6	0	0	6

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	8.7%	Monday	5	21.7%	04 AM	1	4.3%	Passenger	25	52.1%
Fixed Object	1	4.3%	Tuesday	2	8.7%	07 AM	1	4.3%	Pickup	6	12.5%
Rear End	12	52.2%	Thursday	3	13.0%	08 AM	1	4.3%	SUV	9	18.8%
Turning	8	34.8%	Friday	4	17.4%	09 AM	1	4.3%	Truck Single Unit	1	2.1%
TOTAL:	23		Saturday	7	30.4%	Noon	2	8.7%	Unknown	2	4.2%
			Sunday	2	8.7%	2 PM	3	13.0%	Van/Mini-Van	5	10.4%
			TOTAL:	23		3 PM	2	8.7%	TOTAL:	48	
						4 PM	2	8.7%			
						5 PM	2	8.7%			
						6 PM	2	8.7%			
						7 PM	2	8.7%			
						8 PM	1	4.3%			
						11 PM	3	13.0%			
						TOTAL:	23				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	20	87.0%	Darkness/ Lighted Road	8	34.8%	Dry	18	78.3%	East	2	4.2%
Rain	1	4.3%	Daylight	12	52.2%	Snow or Slush	2	8.7%	North	17	35.4%
Snow	1	4.3%	Dusk	3	13.0%	Unknown	1	4.3%	Northeast	2	4.2%
Unknown	1	4.3%	TOTAL:	23		Wet	2	8.7%	Northwest	3	6.3%
TOTAL:	23					TOTAL:	23		South	14	29.2%

Collision Diagram

1/1/2014 to 12/31/2014

Crash Route: IL050 | From MileStation 46.69 to 46.69 | 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
20	0	0	3	3	14	0	7	0	3	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	9	45.0%	Monday	5	25.0%	09 AM	1	5.0%	Bus Over 15 Passengers	1	2.3%
Sideswipe Same Direction	1	5.0%	Tuesday	2	10.0%	10 AM	3	15.0%	Passenger	26	59.1%
Turning	10	50.0%	Wednesday	3	15.0%	Noon	1	5.0%	Pickup	3	6.8%
TOTAL:	20		Thursday	1	5.0%	1 PM	1	5.0%	SUV	5	11.4%
			Friday	2	10.0%	2 PM	3	15.0%	Tractor With Semi-Trailer	1	2.3%
			Saturday	4	20.0%	3 PM	2	10.0%	Truck Single Unit	3	6.8%
			Sunday	3	15.0%	4 PM	1	5.0%	Unknown	1	2.3%
			TOTAL:	20		5 PM	1	5.0%	Van/Mini-Van	4	9.1%
						6 PM	3	15.0%	TOTAL:	44	
						7 PM	3	15.0%			
						10 PM	1	5.0%			
						TOTAL:	20				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	17	85.0%	Darkness	1	5.0%	Dry	15	75.0%	East	11	25.0%
Cloudy/Overcast	1	5.0%	Darkness/ Lighted Road	2	10.0%	Snow or Slush	2	10.0%	North	11	25.0%
Rain	1	5.0%	Daylight	17	85.0%	Wet	3	15.0%	Northwest	1	2.3%
Snow	1	5.0%	TOTAL:	20		TOTAL:	20		South	15	34.1%
TOTAL:	20								West	6	13.6%
									TOTAL:	44	

Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2958395.71145025 : YCoordinate 1860448.56231459 | 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>16</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>13</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	6	37.5%	Monday	3	18.8%	Midnight	1	6.3%	Bus Over 15 Passengers	1	2.8%
Sideswipe Same Direction	1	6.3%	Tuesday	1	6.3%	05 AM	1	6.3%	Passenger	22	61.1%
Turning	9	56.3%	Wednesday	5	31.3%	07 AM	1	6.3%	Pickup	1	2.8%
TOTAL:	16		Thursday	3	18.8%	08 AM	2	12.5%	SUV	8	22.2%
			Friday	3	18.8%	11 AM	2	12.5%	Tractor With Semi-Trailer	2	5.6%
			Saturday	1	6.3%	1 PM	1	6.3%	Van/Mini-Van	2	5.6%
			TOTAL:	16		3 PM	1	6.3%	TOTAL:	36	
						4 PM	2	12.5%			
						5 PM	2	12.5%			
						6 PM	1	6.3%			
						8 PM	1	6.3%			
						11 PM	1	6.3%			
						TOTAL:	16				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	13	81.3%	Darkness	1	6.3%	Dry	11	68.8%	East	2	5.6%
Rain	2	12.5%	Darkness, Lighted Road	5	31.3%	Unknown	1	6.3%	North	11	30.6%
Unknown	1	6.3%	Daylight	9	56.3%	Wet	4	25.0%	Northeast	3	8.3%
TOTAL:	16					TOTAL:	16		South	6	16.7%

Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2958395.835091 : YCoordinate 1860448.569836 | 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>31</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>2</u>	<u>25</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	6.5%	Monday	5	16.1%	02 AM	1	3.2%	Passenger	47	72.3%
Rear End	11	35.5%	Tuesday	3	9.7%	04 AM	1	3.2%	Pickup	2	3.1%
Sideswipe Same Direction	1	3.2%	Wednesday	5	16.1%	05 AM	1	3.2%	SUV	4	6.2%
Turning	17	54.8%	Thursday	4	12.9%	06 AM	1	3.2%	Tractor With Semi-Trailer	3	4.6%
TOTAL:	31		Friday	4	12.9%	08 AM	1	3.2%	Truck Single Unit	1	1.5%
			Saturday	6	19.4%	10 AM	1	3.2%	Unknown	1	1.5%
			Sunday	4	12.9%	11 AM	2	6.5%	Van/Mini-Van	7	10.8%
			TOTAL:	31		Noon	1	3.2%	TOTAL:	65	
						1 PM	3	9.7%			
						2 PM	1	3.2%			
						4 PM	6	19.4%			
						6 PM	1	3.2%			
						7 PM	3	9.7%			
						8 PM	2	6.5%			
						9 PM	1	3.2%			
						10 PM	1	3.2%			
						11 PM	4	12.9%			
						TOTAL:	31				

Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2958395.835091 : YCoordinate 1860448.569836 | 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>0</u>	<u>3</u>	<u>4</u>	<u>15</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>3</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	9.1%	Monday	3	13.6%	01 AM	1	4.5%	Other	1	2.2%
Rear End	8	36.4%	Tuesday	2	9.1%	03 AM	1	4.5%	Passenger	26	56.5%
Sideswipe Same Direction	2	9.1%	Wednesday	5	22.7%	06 AM	1	4.5%	Pickup	3	6.5%
Turning	10	45.5%	Thursday	3	13.6%	08 AM	1	4.5%	SUV	8	17.4%
TOTAL:	22		Friday	3	13.6%	10 AM	1	4.5%	Tractor With Semi-Trailer	1	2.2%
			Saturday	3	13.6%	1 PM	3	13.6%	Unknown	2	4.3%
			Sunday	3	13.6%	3 PM	1	4.5%	Van/Mini-Van	5	10.9%
			TOTAL:	22		4 PM	2	9.1%	TOTAL:	46	
						5 PM	4	18.2%			
						8 PM	4	18.2%			
						9 PM	1	4.5%			
						10 PM	2	9.1%			
						TOTAL:	22				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	81.8%	Darkness, Lighted Road	10	45.5%	Dry	20	90.9%	East	10	21.7%
Cloudy/Overcast	2	9.1%	Daylight	12	54.5%	Wet	2	9.1%	North	12	26.1%
Rain	2	9.1%	TOTAL:	22		TOTAL:	22		Northwest	1	2.2%
TOTAL:	22								South	16	34.8%

Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2958395.835091 : YCoordinate 1860448.569836 | 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>2</u>	<u>4</u>	<u>3</u>	<u>10</u>	<u>0</u>	<u>13</u>	<u>2</u>	<u>8</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	5.3%	Monday	6	31.6%	Midnight	1	5.3%	Motorcycle (Over 150cc)	2	5.1%
Pedestrian	1	5.3%	Tuesday	1	5.3%	05 AM	1	5.3%	Passenger	23	59.0%
Rear End	4	21.1%	Wednesday	5	26.3%	06 AM	1	5.3%	Pickup	1	2.6%
Turning	13	68.4%	Thursday	1	5.3%	07 AM	1	5.3%	SUV	8	20.5%
TOTAL:	19		Friday	4	21.1%	08 AM	1	5.3%	Unknown	1	2.6%
			Sunday	2	10.5%	10 AM	1	5.3%	Van/Mini-Van	4	10.3%
			TOTAL:	19		Noon	1	5.3%	TOTAL:	39	
						3 PM	3	15.8%			
						4 PM	3	15.8%			
						5 PM	1	5.3%			
						7 PM	1	5.3%			
						8 PM	1	5.3%			
						10 PM	1	5.3%			
						11 PM	2	10.5%			
						TOTAL:	19				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	15	78.9%	Darkness	1	5.3%	Dry	16	84.2%	East	6	15.4%
Cloudy/Overcast	2	10.5%	Darkness, Lighted Road	5	26.3%				North	10	25.6%

Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2958397.801 : YCoordinate 1860448.164 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>11</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>8</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	2	18.2%	Monday	2	18.2%	09 AM	1	9.1%	Passenger	13	56.5%
Sideswipe Same Direction	1	9.1%	Tuesday	5	45.5%	10 AM	1	9.1%	Pickup	1	4.3%
Turning	8	72.7%	Wednesday	1	9.1%	11 AM	2	18.2%	SUV	4	17.4%
TOTAL:	11		Thursday	1	9.1%	Noon	1	9.1%	Tractor With Semi-Trailer	1	4.3%
			Friday	1	9.1%	3 PM	1	9.1%	Truck Single Unit	1	4.3%
			Sunday	1	9.1%	4 PM	1	9.1%	Unknown	1	4.3%
			TOTAL:	11		9 PM	1	9.1%	Van/Mini-Van	2	8.7%
						10 PM	2	18.2%	TOTAL:	23	
						11 PM	1	9.1%			
						TOTAL:	11				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	72.7%	Darkness, Lighted Road	4	36.4%	Dry	10	90.9%	East	3	13.0%
Cloudy/Overcast	2	18.2%	Daylight	6	54.5%	Wet	1	9.1%	North	6	26.1%
Snow	1	9.1%	Dusk	1	9.1%	TOTAL:	11		Northeast	1	4.3%
TOTAL:	11		TOTAL:	11					South	5	21.7%
									Southeast	1	4.3%
									West	7	30.4%
									TOTAL:	23	

Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2958397.801 : YCoordinate 1860448.164 | 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>2</u>	<u>4</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>10</u>	<u>5</u>	<u>4</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	5.3%	Monday	1	5.3%	01 AM	1	5.3%	Passenger	25	65.8%
Fixed Object	1	5.3%	Wednesday	3	15.8%	05 AM	1	5.3%	Pickup	2	5.3%
Front to Rear	6	31.6%	Thursday	2	10.5%	06 AM	1	5.3%	SUV	5	13.2%
Pedestrian	1	5.3%	Friday	7	36.8%	07 AM	1	5.3%	Tractor Without Semi-Trailer	1	2.6%
Sideswipe Same Direction	2	10.5%	Saturday	3	15.8%	09 AM	2	10.5%	Truck Single Unit	2	5.3%
Turning	8	42.1%	Sunday	3	15.8%	1 PM	2	10.5%	Van/Mini-Van	3	7.9%
TOTAL:	19		TOTAL:	19		3 PM	1	5.3%	TOTAL:	38	
						4 PM	1	5.3%			
						5 PM	1	5.3%			
						6 PM	1	5.3%			
						7 PM	4	21.1%			
						8 PM	1	5.3%			
						11 PM	2	10.5%			
						TOTAL:	19				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	16	84.2%	Darkness, Lighted Road	7	36.8%	Dry	17	89.5%	East	8	21.1%
Cloudy/Overcast	1	5.3%	Dawn	1	5.3%	Wet	2	10.5%	North	12	31.6%
Rain	1	5.3%	Daylight	10	52.6%	TOTAL:	19		South	9	23.7%

Coordinate Collision Diagram Report

1/1/2021 to 12/31/2021

For XCoordinate 2958396.973 : YCoordinate 1860447.336 | 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>1</u>	<u>0</u>	<u>5</u>	<u>1</u>	<u>13</u>	<u>1</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	10.0%	Monday	2	10.0%	Midnight	1	5.0%	Passenger	26	68.4%
Fixed Object	1	5.0%	Tuesday	3	15.0%	01 AM	2	10.0%	Pickup	1	2.6%
Front to Rear	3	15.0%	Wednesday	3	15.0%	05 AM	1	5.0%	SUV	8	21.1%
Pedestrian	1	5.0%	Thursday	1	5.0%	06 AM	1	5.0%	Unknown	1	2.6%
Sideswipe Same Direction	1	5.0%	Friday	6	30.0%	08 AM	1	5.0%	Van/Mini-Van	2	5.3%
Turning	12	60.0%	Saturday	5	25.0%	10 AM	2	10.0%	TOTAL:	38	
TOTAL:	20		TOTAL:	20		11 AM	1	5.0%			
						Noon	1	5.0%			
						2 PM	1	5.0%			
						3 PM	1	5.0%			
						4 PM	2	10.0%			
						5 PM	2	10.0%			
						6 PM	1	5.0%			
						8 PM	1	5.0%			
						9 PM	1	5.0%			
						10 PM	1	5.0%			
						TOTAL:	20				

Coordinate Collision Diagram Report

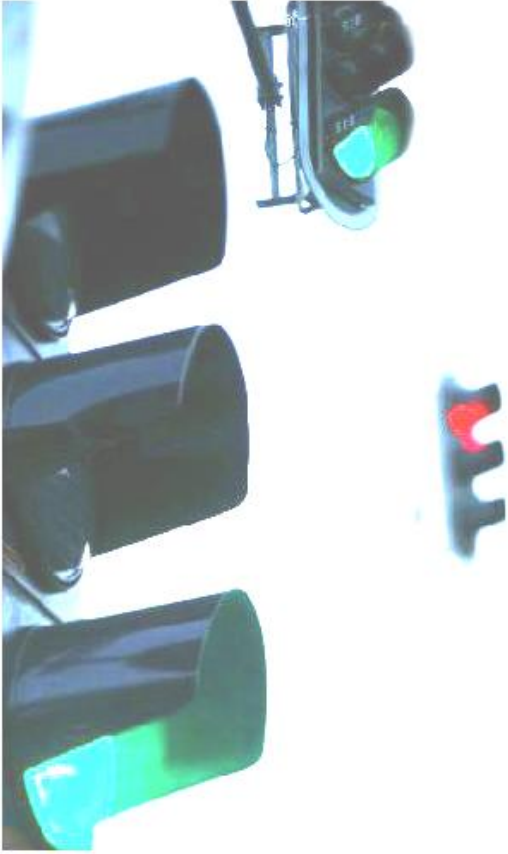
1/1/2022 to 12/31/2022

For XCoordinate 2958396.137 : YCoordinate 1860448.99 | 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>13</u>	<u>0</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>5</u>	<u>0</u>	<u>8</u>	<u>1</u>	<u>4</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	1	7.7%	Monday	1	7.7%	06 AM	2	15.4%	Passenger	9	42.9%
Front to Rear	2	15.4%	Tuesday	2	15.4%	07 AM	1	7.7%	Pickup	3	14.3%
Pedestrian	4	30.8%	Wednesday	3	23.1%	08 AM	2	15.4%	SUV	5	23.8%
Sideswipe Same Direction	2	15.4%	Thursday	2	15.4%	09 AM	1	7.7%	Tractor With Semi-Trailer	2	9.5%
Turning	4	30.8%	Friday	1	7.7%	10 AM	1	7.7%	Truck Single Unit	1	4.8%
TOTAL:	13		Saturday	3	23.1%	1 PM	1	7.7%	Unknown	1	4.8%
			Sunday	1	7.7%	2 PM	1	7.7%	TOTAL:	21	
			TOTAL:	13		5 PM	1	7.7%			
						7 PM	1	7.7%			
						9 PM	1	7.7%			
						10 PM	1	7.7%			
						TOTAL:	13				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	61.5%	Darkness, Lighted Road	6	46.2%	Dry	9	69.2%	East	5	23.8%
Cloudy/Overcast	2	15.4%	Daylight	6	46.2%	Snow or Slush	1	7.7%	North	5	23.8%
Rain	2	15.4%	Unknown	1	7.7%	Wet	3	23.1%	South	4	19.0%
Snow	1	7.7%	TOTAL:	13		TOTAL:	13		Southeast	3	14.3%
TOTAL:	13										



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **79th St and Cicero Ave** 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 2011-2013 shows the period prior to the installation of the RLR cameras.

The data from 2014-2015 shows the period in which the cameras were installed.

The data from 2016-2022 shows the period following the installation.

	Direction Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	2011	29,400	28,900	42,900	43,700	144,900	146,867
	2012	29,400	28,900	42,900	43,700	144,900	
	2013	29,400	28,900	46,100	46,400	150,800	
	2014	27,900	31,500	46,100	46,400	151,900	
	2015	27,900	31,500	36,600	45,100	141,100	
After Installation	2016	27,900	31,500	36,600	45,100	141,100	141,343
	2017	27,900	31,500	44,600	46,300	150,300	
	2018	25,400	26,500	44,600	46,300	142,800	
	2019	25,400	26,500	44,300	44,300	140,500	
	2020	25,400	26,500	44,300	44,300	140,500	
	2021	22,700	23,500	44,000	46,900	137,100	
	2022	21,900	24,300	44,000	46,900	137,100	

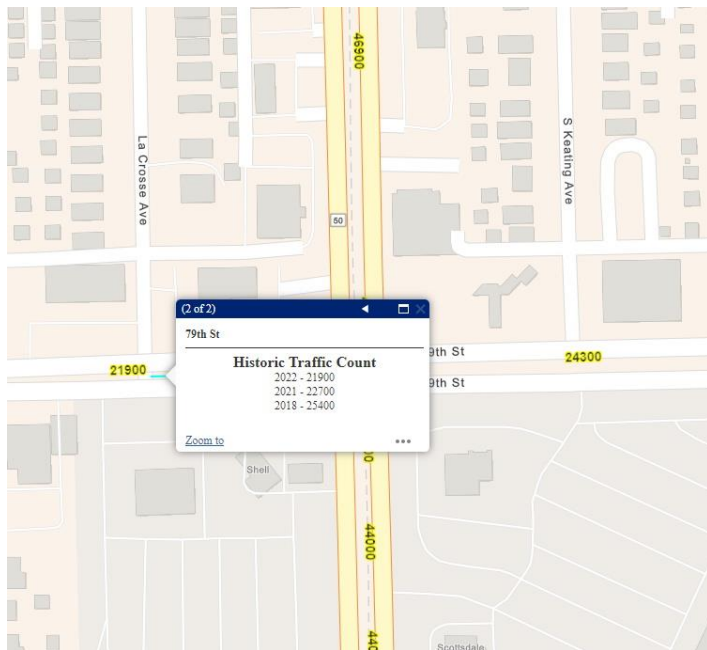
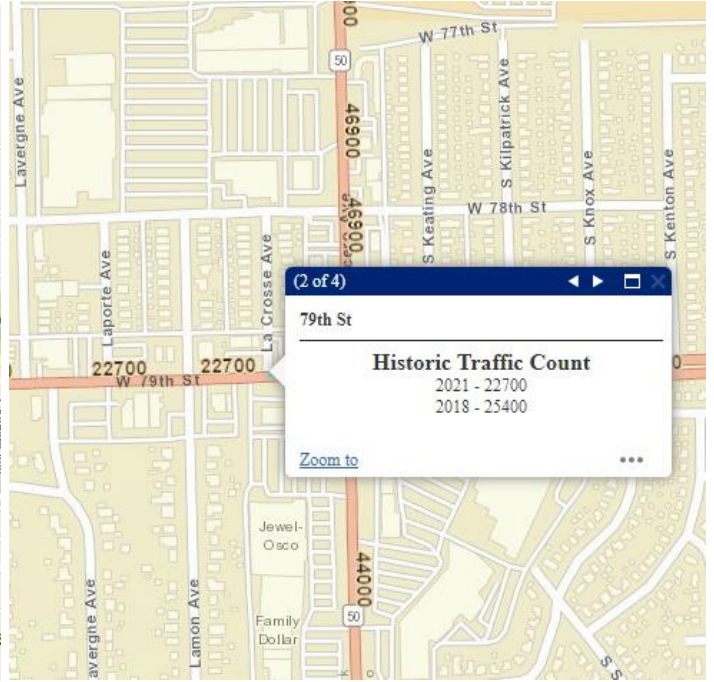
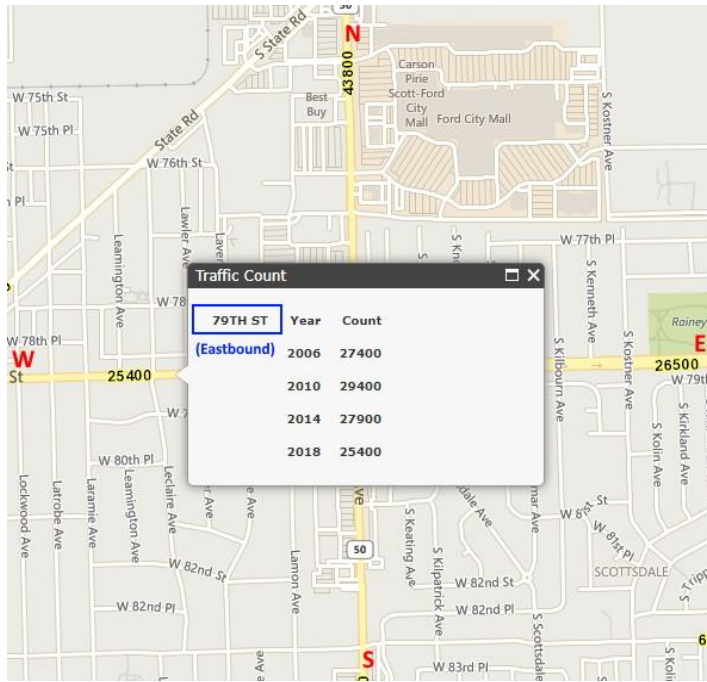
From 2010-2013, prior to RLR camera installation, the combined average of ADTC was 146,867.

From 2015-2022, post RLR camera installation, the combined average of ADTC was 141,343 – a reduction of 3.76%.

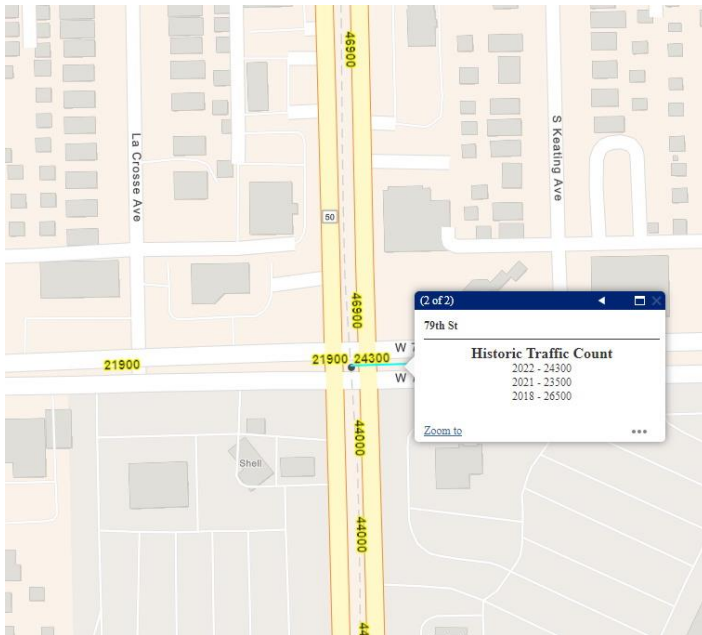
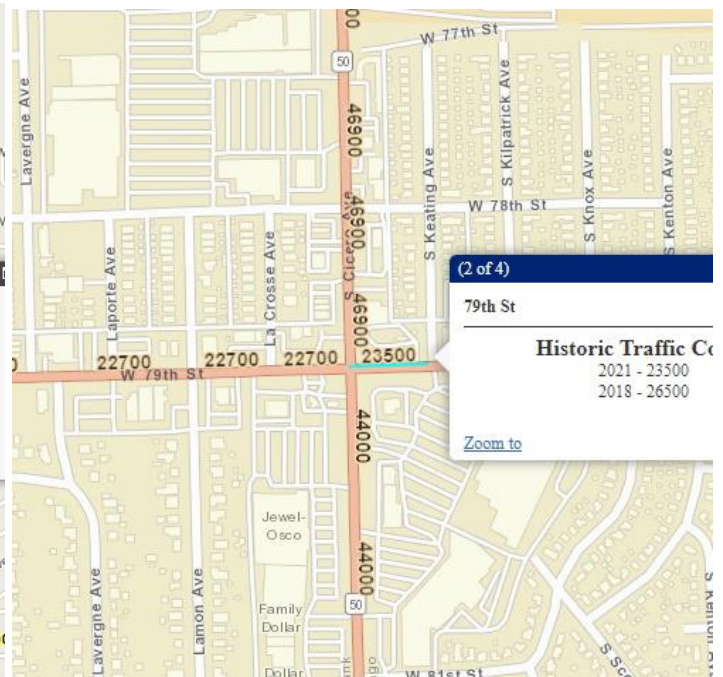
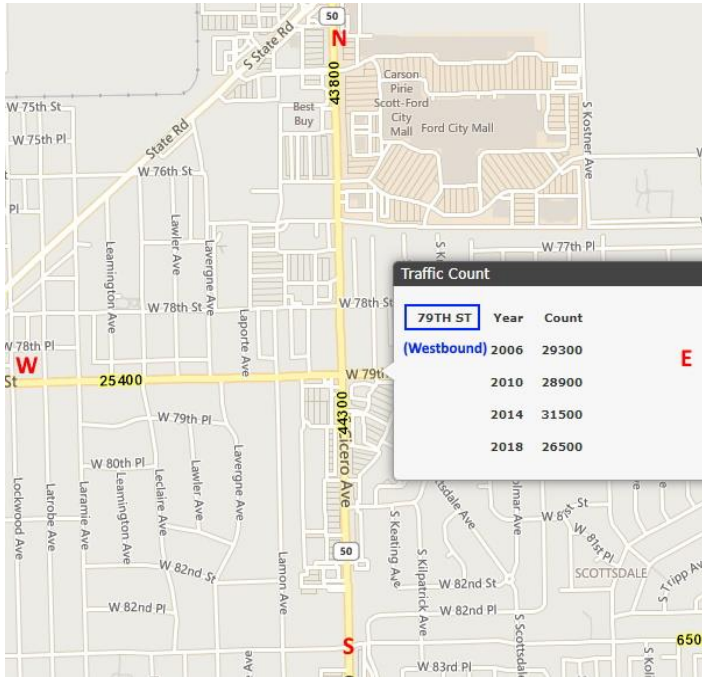
The following pages show the complete ADTC data from 2011-2022 obtained from the IDOT’s website.

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.

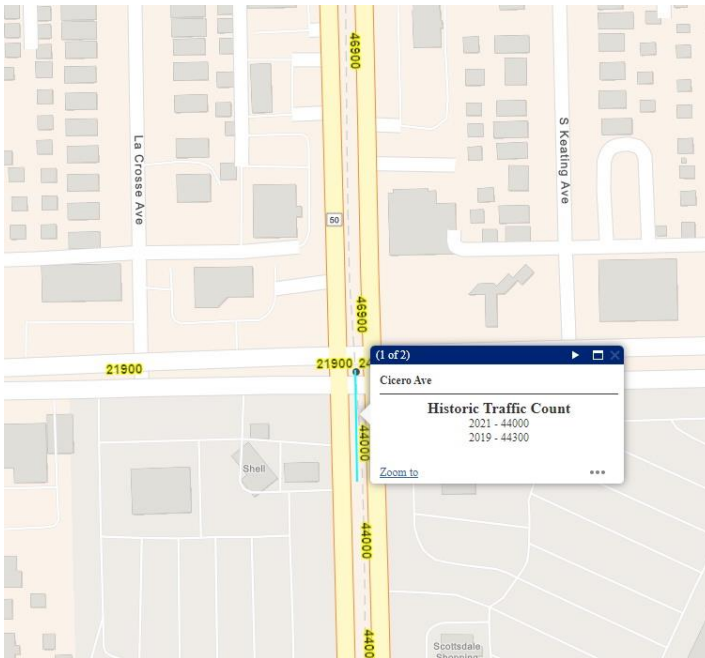
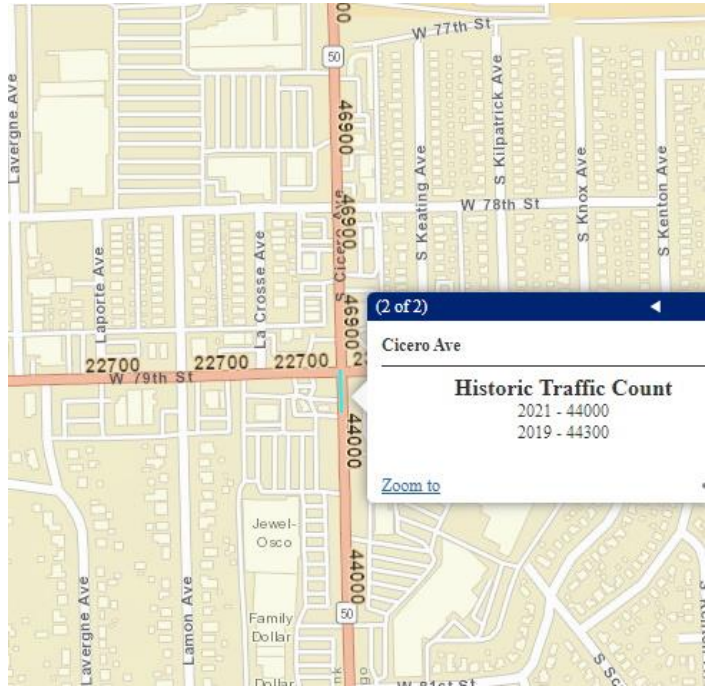
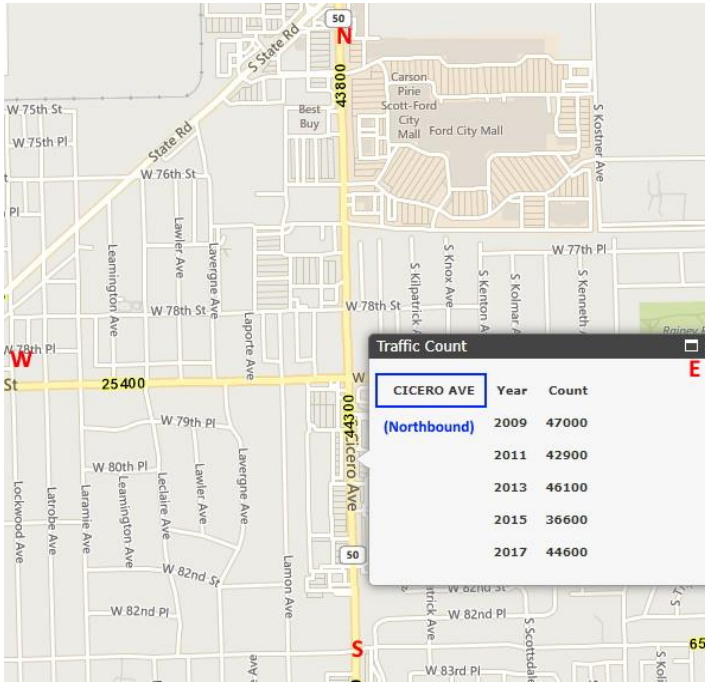
Eastbound ADTC



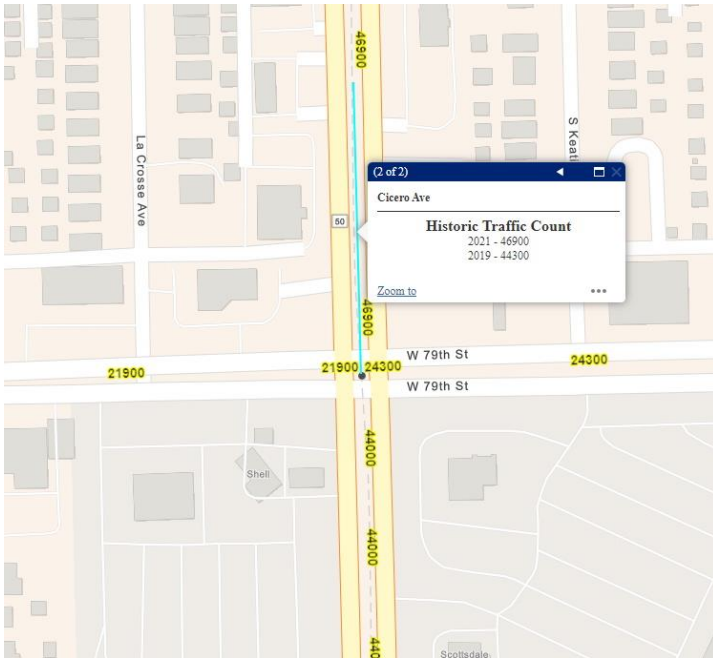
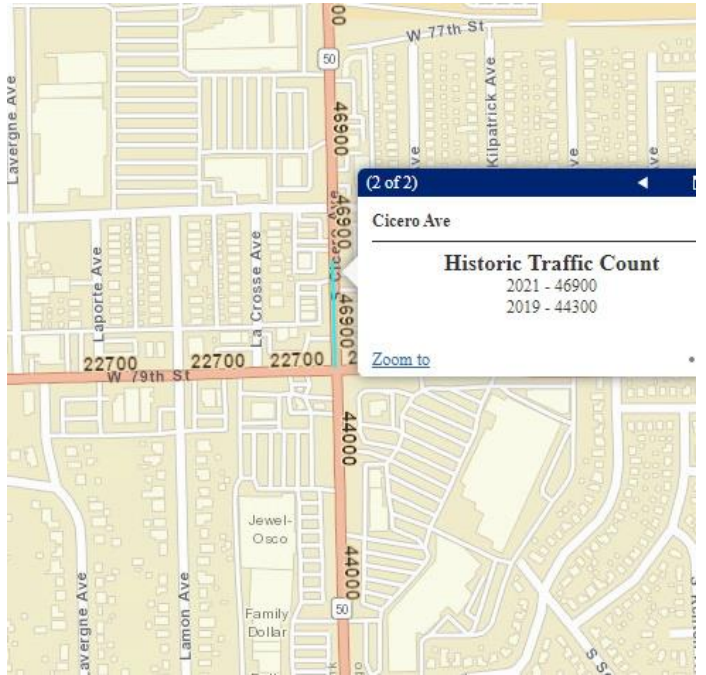
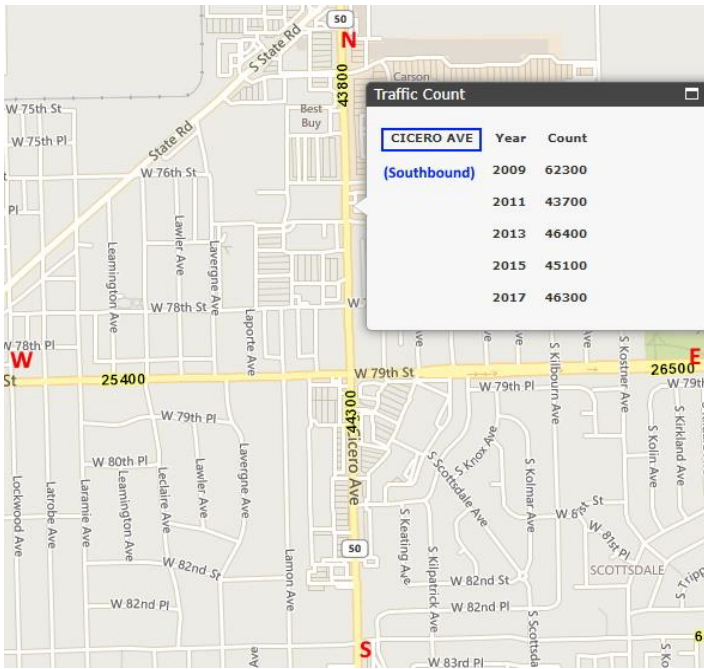
Westbound ADTC



Northbound ADTC



Southbound ADTC





4. Summary of Adjudication



The summary of tickets contested “in person” and “by mail” for the **Eastbound** approach of **79th St and Cicero Ave** in 2022.

	2022
In Person	138
By Mail	106

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **79th St and Cicero Ave** in 2022.

	2022
In Person	78
By Mail	86



5. Report Summary and Recommendation

The **City of Burbank** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **City of Burbank** 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 2010-2013, prior to RLR camera installation, the combined average of ADTC was 146,867. From 2015-2022, post RLR camera installation, the combined average of ADTC was 141,343 – a reduction of 3.76%. (See tab 3)

From 2011-2013, prior to RLR camera installation, there were 77 total crashes; this averages out to 25.67 crashes a year. From 2016-2022, post RLR camera installation, there were 135 total crashes; this averages out to 19.29 crashes per year - a 24.86% 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 24.86% with a reduction of 3.76% 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 **79th St and Cicero Ave** in the **City of Burbank** 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.