



# 79<sup>th</sup> St and Cicero Ave

<Eastbound and Southbound>



## **Burbank, IL**

### **RLR 3 Year Follow-Up**

#### **Evaluation Report**

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**Reference No: 016-41502**

June 2020

June 15, 2020

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  
79<sup>th</sup> St and Cicero Ave  
City of Burbank  
Ref #: 016-41502

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersection of 79<sup>th</sup> St and Cicero Ave, Burbank, Illinois.

In this submittal, included are RLR Camera Location, Implementation Date, System Manufacturer and Contractors, RLR Cash Data and Analysis, Traffic Volume, 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, [rshore@burbankil.gov](mailto:rshore@burbankil.gov)

Best Regards,



On behalf of the City of Burbank  
Richard J. Shore  
Chief of Police

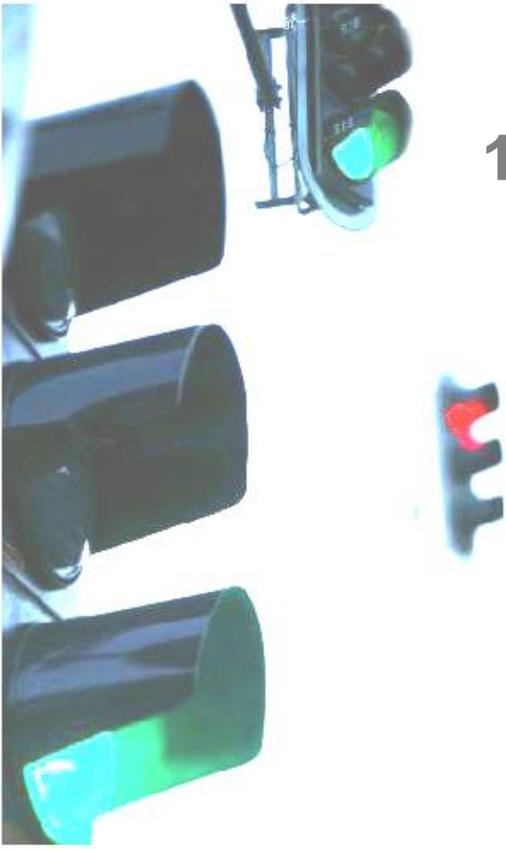
# 3 Year Evaluation Checklist

## 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 Contractors

In 2014, the **City of Burbank** received approval from the Illinois Department of Transportation (IDOT) to install Red Light Running (RLR) cameras at the **Eastbound and Southbound** approaches of **79<sup>th</sup> 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**

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> 9550 West 55 Street McCook, IL 60525</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 **79<sup>th</sup> St and Cicero Ave** over a span of 8 years.\*

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

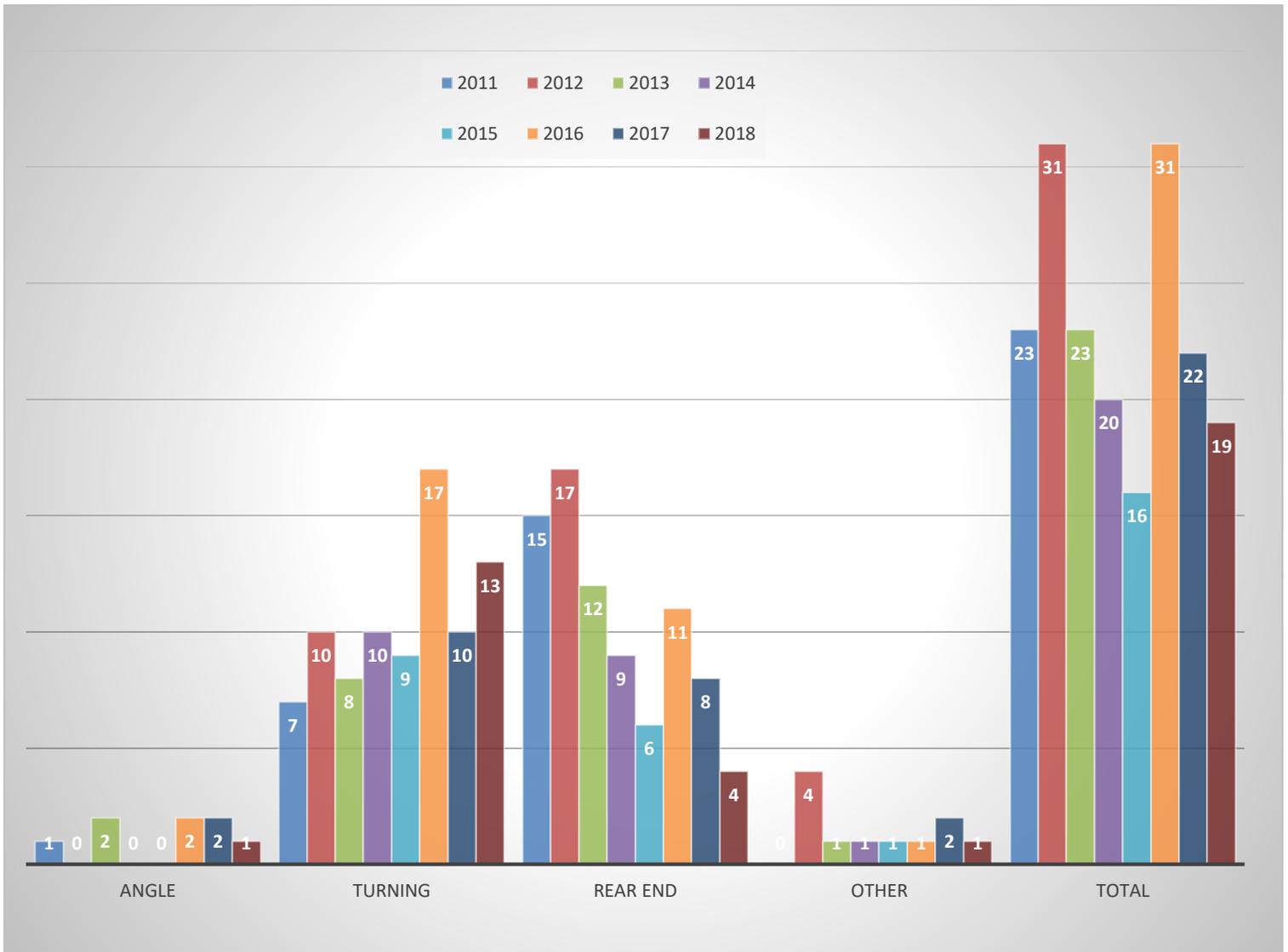
- The data from 2011-2013 shows the period prior to the installation of RLR cameras.
- The data from 2014-2015 shows the years in which the cameras were installed.
- The data from 2016-2018 shows the period following the installation.

		Before Installation			After Installation			
Type \ Year	2011	2012	2013	2014	2015	2016	2017	2018
<b>Angle</b>	1	0	2	0	0	2	2	1
<b>Turning</b>	7	10	8	10	9	17	10	13
<b>Rear End</b>	15	17	12	9	6	11	8	4
<b>Other**</b>	0	4	1	1	1	1	2	1
<b>Total</b>	<b>23</b>	<b>31</b>	<b>23</b>	<b>20</b>	<b>16</b>	<b>31</b>	<b>22</b>	<b>19</b>
<b>Yearly Average</b>	<b>25.67</b>					<b>24</b>		

\* DISCLAIMER: The motor vehicle crash data referenced herein was provided by the IDOT. 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.

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

The Chart below shows the trends of each crash type from 2011-2018.



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

From 2016-2018, post RLR camera installation, there were 72 total crashes; this averages out to 24 crashes per year, resulting in a 6.49% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2011-2018. The complete crash data can be obtained by contacting the IDOT via [DOT.DTS.DataRequests@illinois.gov](mailto:DOT.DTS.DataRequests@illinois.gov).

### Collision Diagram

1/1/2011 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%
<b>TOTAL:</b>	<b>23</b>		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%	<b>TOTAL:</b>	<b>48</b>	
			Sunday	5	21.7%	10 AM	1	4.3%			
			<b>TOTAL:</b>	<b>23</b>		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%			
						<b>TOTAL:</b>	<b>23</b>				

### 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%
<b>TOTAL:</b>	<b>31</b>		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%
			<b>TOTAL:</b>	<b>31</b>		Noon	1	3.2%	<b>TOTAL:</b>	<b>61</b>	
						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%			
						<b>TOTAL:</b>	<b>31</b>				
<b>Weather Cond</b>	<b>Total</b>	<b>%</b>	<b>Light Cond</b>	<b>Total</b>	<b>%</b>	<b>Road Surface</b>	<b>Total</b>	<b>%</b>	<b>DIRP</b>	<b>Total</b>	<b>%</b>
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%
<b>TOTAL:</b>	<b>23</b>		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%
			<b>TOTAL:</b>	<b>23</b>		3 PM	2	8.7%	<b>TOTAL:</b>	<b>48</b>	
						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%			
						<b>TOTAL:</b>	<b>23</b>				

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%	<b>TOTAL:</b>	<b>23</b>		Wet	2	8.7%	Northwest	3	6.3%
<b>TOTAL:</b>	<b>23</b>					<b>TOTAL:</b>	<b>23</b>		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%
<b>TOTAL:</b>	<b>20</b>		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%
			<b>TOTAL:</b>	<b>20</b>		5 PM	1	5.0%	Van/Mini-Van	4	9.1%
						6 PM	3	15.0%	<b>TOTAL:</b>	<b>44</b>	
						7 PM	3	15.0%			
						10 PM	1	5.0%			
						<b>TOTAL:</b>	<b>20</b>				
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%	<b>TOTAL:</b>	<b>20</b>		<b>TOTAL:</b>	<b>20</b>		South	15	34.1%
<b>TOTAL:</b>	<b>20</b>								West	6	13.6%
									<b>TOTAL:</b>	<b>44</b>	

### 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%
<b>TOTAL:</b>	<b>16</b>		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%
			<b>TOTAL:</b>	<b>16</b>		3 PM	1	6.3%	<b>TOTAL:</b>	<b>36</b>	
						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%			
						<b>TOTAL:</b>	<b>16</b>				

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%
<b>TOTAL:</b>	<b>16</b>					<b>TOTAL:</b>	<b>16</b>		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%
<b>TOTAL:</b>	<b>31</b>		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%
			<b>TOTAL:</b>	<b>31</b>		Noon	1	3.2%	<b>TOTAL:</b>	<b>65</b>	
						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%			
						<b>TOTAL:</b>	<b>31</b>				

### 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%
<b>TOTAL:</b>	<b>22</b>		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%
			<b>TOTAL:</b>	<b>22</b>		4 PM	2	9.1%	<b>TOTAL:</b>	<b>46</b>	
						5 PM	4	18.2%			
						8 PM	4	18.2%			
						9 PM	1	4.5%			
						10 PM	2	9.1%			
						<b>TOTAL:</b>	<b>22</b>				

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%	<b>TOTAL:</b>	<b>22</b>		<b>TOTAL:</b>	<b>22</b>		Northwest	1	2.2%
<b>TOTAL:</b>	<b>22</b>							South	16	34.8%	

### Coordinate Collision Diagram Report

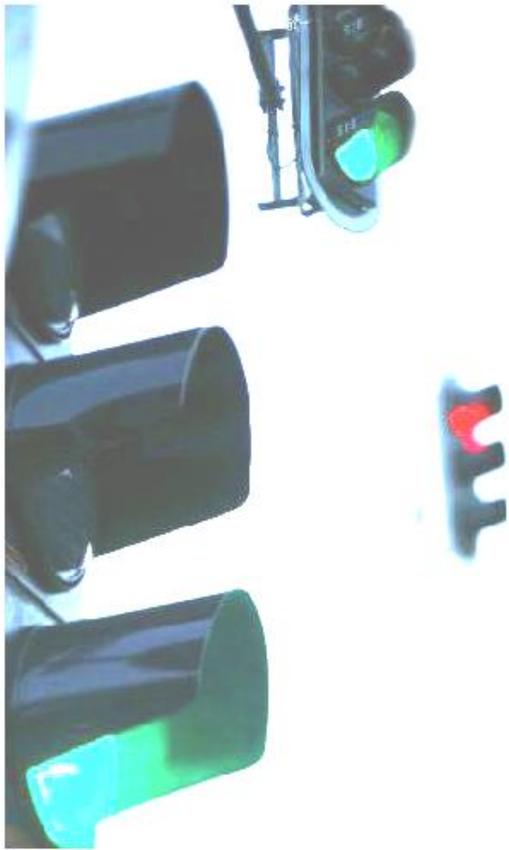
1/1/2018 to 12/31/2018

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%
<b>TOTAL:</b>	<b>19</b>		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%
			<b>TOTAL:</b>	<b>19</b>		Noon	1	5.3%	<b>TOTAL:</b>	<b>39</b>	
						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%			
						<b>TOTAL:</b>	<b>19</b>				

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%



## 3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **79<sup>th</sup> St and Cicero Ave** over a span of 8 years.

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

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

- The data from 2011-2013 shows the period prior to the installation of RLR cameras.
- The data from 2014-2015 shows the years in which the cameras were installed.
- The data from 2016-2018 shows the period following the installation.

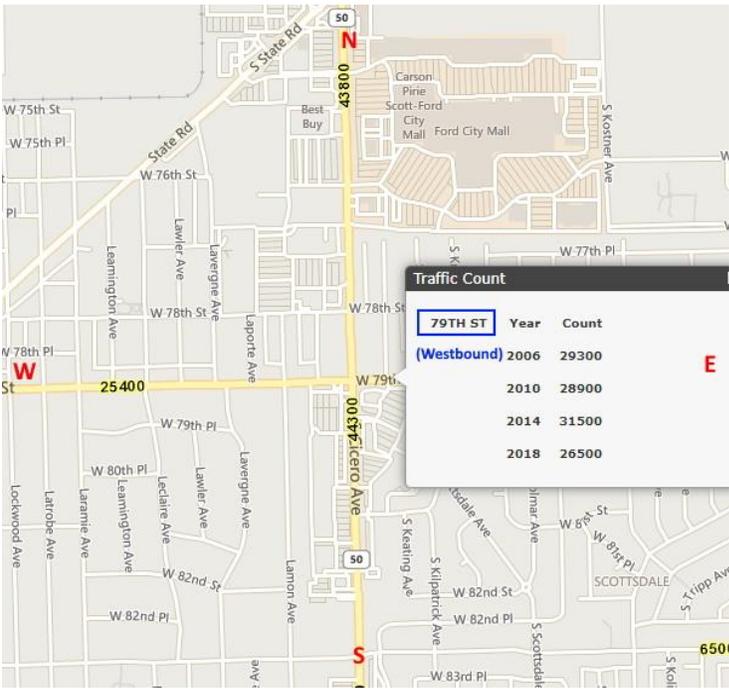
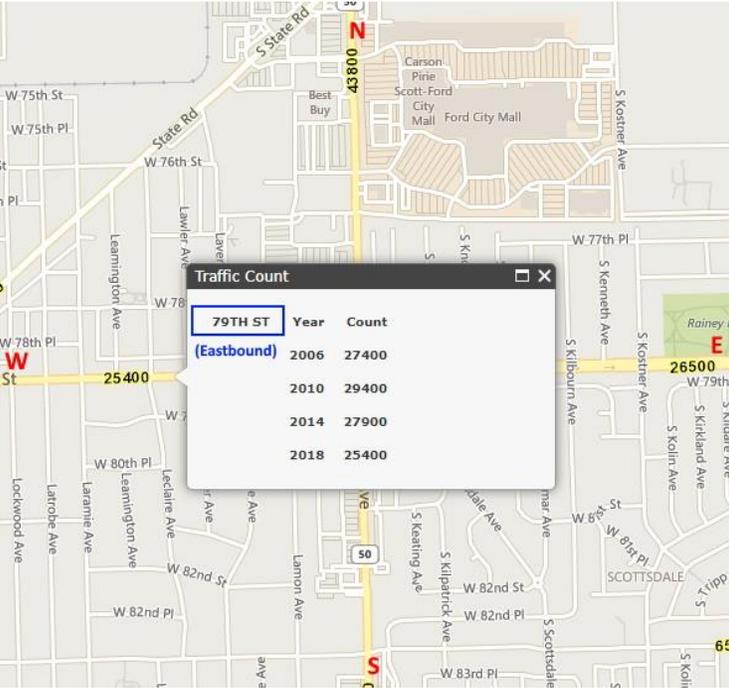
		Before Installation			After Installation			
Direction \ Year	2011	2012	2013	2014	2015	2016	2017	2018
Eastbound	29,400	29,400	29,400	<b>27,900</b>	27,900	27,900	27,900	<b>25,400</b>
Westbound	28,900	28,900	28,900	<b>31,500</b>	31,500	31,500	31,500	<b>26,500</b>
Northbound	<b>42,900</b>	42,900	<b>46,100</b>	46,100	<b>36,600</b>	36,600	<b>44,600</b>	44,600
Southbound	<b>43,700</b>	43,700	<b>46,400</b>	46,400	<b>45,100</b>	45,100	<b>46,300</b>	46,300
Combined	<b>144,900</b>	<b>144,900</b>	<b>150,800</b>	<b>151,900</b>	<b>141,100</b>	<b>141,100</b>	<b>150,300</b>	<b>142,800</b>
Combinded Avg	<b>146,867</b>			<b>144,733</b>				

From 2011-2013, prior to the RLR camera installation, the combined average of ADTC was 146,867.

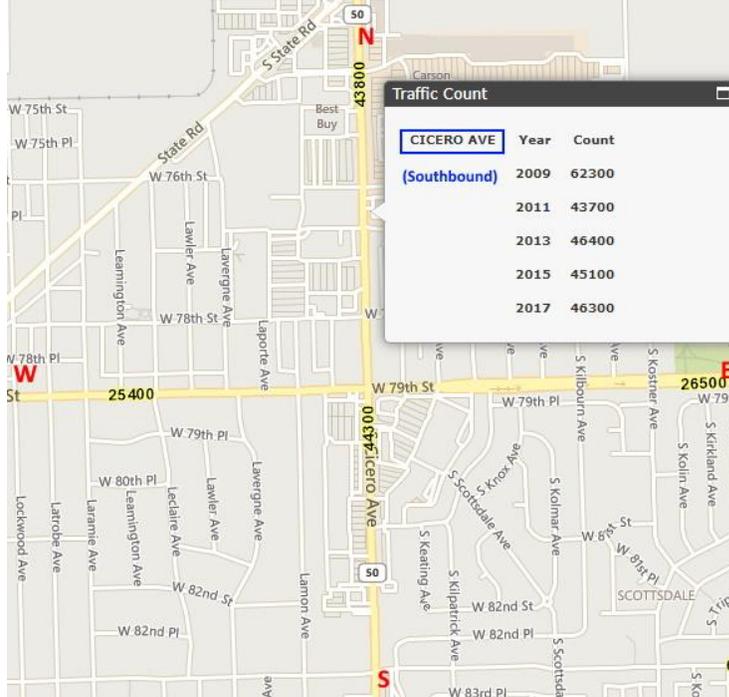
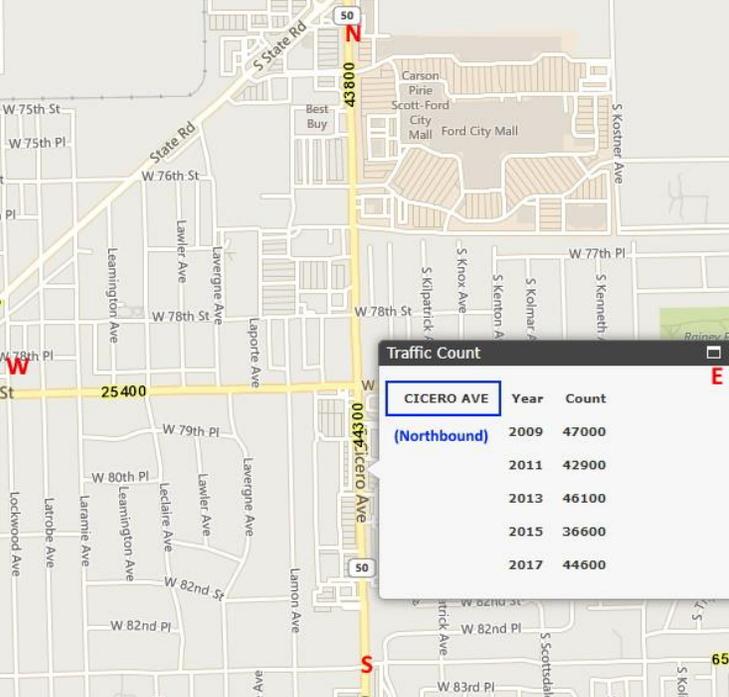
From 2016-2018, post RLR camera installation, the combined average of ADTC was 144,733, resulting in a decrease of 1.45% from the time period above.

The following page will provide the complete ADTC data from 2011-2018 obtained from the IDOT's website.

# Eastbound and Westbound ADTC



# Northbound and Southbound ADTC





## 4. Summary of Adjudication

Below are the summaries of tickets contested “in person” and “by mail” from the **Eastbound** approach of **79<sup>th</sup> St and Cicero Ave** from January 2016 to December 2016.

**In Person Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2016 - 01/31/2016	27	23	4	15%
02/01/2016 - 02/29/2016	28	23	5	18%
03/01/2016 - 03/31/2016	37	29	8	22%
04/01/2016 - 04/30/2016	24	22	2	8%
05/01/2016 - 05/31/2016	15	15	0	0%
06/01/2016 - 06/30/2016	18	16	2	11%
07/01/2016 - 07/31/2016	30	27	3	10%
08/01/2016 - 08/31/2016	26	21	5	19%
09/01/2016 - 09/30/2016	27	21	6	22%
10/01/2016 - 10/31/2016	18	16	2	11%
11/01/2016 - 11/30/2016	29	27	2	7%
12/01/2016 - 12/31/2016	30	28	2	7%
<b>Total</b>	<b>309</b>	<b>268</b>	<b>41</b>	<b>13%</b>

As indicated in the table above, 309 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 41 of the contested tickets, a 13% total dismissal rate.

**By Mail Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2016 - 01/31/2016	17	17	0	0%
02/01/2016 - 02/29/2016	24	21	3	13%
03/01/2016 - 03/31/2016	31	28	3	10%
04/01/2016 - 04/30/2016	17	14	3	18%
05/01/2016 - 05/31/2016	16	15	1	6%
06/01/2016 - 06/30/2016	14	13	1	7%
07/01/2016 - 07/31/2016	23	22	1	4%
08/01/2016 - 08/31/2016	28	26	2	7%
09/01/2016 - 09/30/2016	20	20	0	0%
10/01/2016 - 10/31/2016	6	6	0	0%
11/01/2016 - 11/30/2016	22	22	0	0%
12/01/2016 - 12/31/2016	27	24	3	11%
<b>Total</b>	<b>245</b>	<b>228</b>	<b>17</b>	<b>7%</b>

As indicated in the table above, 245 tickets were contested by mail during the above referenced period. 17 contests by mail were dismissed, a 7% dismissal rate.

Below are the summaries of tickets contested “in person” and “by mail” from the **Eastbound** approach of **79<sup>th</sup> St and Cicero Ave** from January 2017 to December 2017.

**In Person Contest**

<b>Date</b>	<b>Total Contests</b>	<b>Found Guilty</b>	<b>Dismissed</b>	<b>Dismiss Ratio</b>
<b>01/01/2017 - 01/31/2017</b>	11	11	0	<b>0%</b>
<b>02/01/2017 - 02/28/2017</b>	17	17	0	<b>0%</b>
<b>03/01/2017 - 03/31/2017</b>	21	19	2	<b>10%</b>
<b>04/01/2017 - 04/30/2017</b>	7	6	1	<b>14%</b>
<b>05/01/2017 - 05/31/2017</b>	8	8	0	<b>0%</b>
<b>06/01/2017 - 06/30/2017</b>	7	6	1	<b>14%</b>
<b>07/01/2017 - 07/31/2017</b>	18	18	0	<b>0%</b>
<b>08/01/2017 - 08/31/2017</b>	10	10	0	<b>0%</b>
<b>09/01/2017 - 09/30/2017</b>	14	11	3	<b>21%</b>
<b>10/01/2017 - 10/31/2017</b>	17	14	3	<b>18%</b>
<b>11/01/2017 - 11/30/2017</b>	2	2	0	<b>0%</b>
<b>12/01/2017 - 12/30/2017</b>	0	0	0	<b>N/A</b>
<b>Total</b>	<b>132</b>	<b>122</b>	<b>10</b>	<b>8%</b>

As indicated in the table above, 132 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 10 of the contested tickets, a 8% total dismissal rate.

**By Mail Contest**

<b>Date</b>	<b>Total Contests</b>	<b>Found Guilty</b>	<b>Dismissed</b>	<b>Dismiss Ratio</b>
<b>01/01/2017 - 01/31/2017</b>	6	4	2	<b>33%</b>
<b>02/01/2017 - 02/28/2017</b>	9	8	1	<b>11%</b>
<b>03/01/2017 - 03/31/2017</b>	14	14	0	<b>0%</b>
<b>04/01/2017 - 04/30/2017</b>	12	12	0	<b>0%</b>
<b>05/01/2017 - 05/31/2017</b>	5	5	0	<b>0%</b>
<b>06/01/2017 - 06/30/2017</b>	10	9	1	<b>10%</b>
<b>07/01/2017 - 07/31/2017</b>	10	9	1	<b>10%</b>
<b>08/01/2017 - 08/31/2017</b>	15	15	0	<b>0%</b>
<b>09/01/2017 - 09/30/2017</b>	19	17	2	<b>11%</b>
<b>10/01/2017 - 10/31/2017</b>	14	14	0	<b>0%</b>
<b>11/01/2017 - 11/31/2017</b>	0	0	0	<b>N/A</b>
<b>12/01/2017 - 12/31/2017</b>	1	1	0	<b>0%</b>
<b>Total</b>	<b>115</b>	<b>108</b>	<b>7</b>	<b>6%</b>

As indicated in the table above, 115 tickets were contested by mail during the above referenced period. 7 contests by mail were dismissed, a 6% dismissal rate.

Below are the summaries of tickets contested “in person” and “by mail” from the **Eastbound** approach of **79<sup>th</sup> St and Cicero Ave** from January 2018 to December 2018.

**In Person Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2018 - 01/31/2018	2	2	0	0%
02/01/2018 - 02/28/2018	11	10	1	9%
03/01/2018 - 03/31/2018	9	7	2	22%
04/01/2018 - 04/30/2018	26	25	1	4%
05/01/2018 - 05/31/2018	14	14	0	0%
06/01/2018 - 06/30/2018	11	11	0	0%
07/01/2018 - 07/31/2018	21	21	0	0%
08/01/2018 - 08/31/2018	23	20	3	13%
09/01/2018 - 09/30/2018	50	46	4	8%
10/01/2018 - 10/31/2018	20	20	0	0%
11/01/2018 - 11/30/2018	16	14	2	13%
12/01/2018 - 12/31/2018	13	13	0	0%
<b>Total</b>	<b>216</b>	<b>203</b>	<b>13</b>	<b>6%</b>

As indicated in the table above, 216 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 13 of the contested tickets, a 6% total dismissal rate.

**By Mail Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2018 - 01/31/2018	1	1	0	0%
02/01/2018 - 02/28/2018	10	10	0	0%
03/01/2018 - 03/31/2018	9	7	2	22%
04/01/2018 - 04/30/2018	13	13	0	0%
05/01/2018 - 05/31/2018	13	10	3	23%
06/01/2018 - 06/30/2018	14	13	1	7%
07/01/2018 - 07/31/2018	29	24	5	17%
08/01/2018 - 08/31/2018	18	18	0	0%
09/01/2018 - 09/30/2018	38	37	1	3%
10/01/2018 - 10/31/2018	22	21	1	5%
11/01/2018 - 11/30/2018	18	18	0	0%
12/01/2018 - 12/31/2018	10	9	1	10%
<b>Total</b>	<b>195</b>	<b>181</b>	<b>14</b>	<b>7%</b>

As indicated in the table above, 195 tickets were contested by mail during the above referenced period. 14 contests by mail were dismissed, a 7% dismissal rate.

Below are the summaries of tickets contested “in person” and “by mail” from the **Southbound** approach of **79<sup>th</sup> St and Cicero Ave** from January 2016 to December 2016.

**In Person Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2016 - 01/31/2016	9	8	1	11%
02/01/2016 - 02/29/2016	7	7	0	0%
03/01/2016 - 03/31/2016	19	16	3	16%
04/01/2016 - 04/30/2016	16	15	1	6%
05/01/2016 - 05/31/2016	14	13	1	7%
06/01/2016 - 06/30/2016	12	11	1	8%
07/01/2016 - 07/31/2016	5	4	1	20%
08/01/2016 - 08/31/2016	13	13	0	0%
09/01/2016 - 09/30/2016	11	11	0	0%
10/01/2016 - 10/31/2016	10	9	1	10%
11/01/2016 - 11/30/2016	11	10	1	9%
12/01/2016 - 12/31/2016	18	16	2	11%
<b>Total</b>	<b>145</b>	<b>133</b>	<b>12</b>	<b>8%</b>

As indicated in the table above, 145 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 12 of the contested tickets, an 8% total dismissal rate.

**By Mail Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2016 - 01/31/2016	8	8	0	0%
02/01/2016 - 02/29/2016	7	6	1	14%
03/01/2016 - 03/31/2016	15	13	2	13%
04/01/2016 - 04/30/2016	16	15	1	6%
05/01/2016 - 05/31/2016	11	10	1	9%
06/01/2016 - 06/30/2016	19	19	0	0%
07/01/2016 - 07/31/2016	13	11	2	15%
08/01/2016 - 08/31/2016	25	24	1	4%
09/01/2016 - 09/30/2016	24	22	2	8%
10/01/2016 - 10/31/2016	5	4	1	20%
11/01/2016 - 11/30/2016	10	10	0	0%
12/01/2016 - 12/31/2016	18	14	4	22%
<b>Total</b>	<b>142</b>	<b>156</b>	<b>15</b>	<b>9%</b>

As indicated in the table above, 142 tickets were contested by mail during the above referenced period. 15 contests by mail were dismissed, a 9% dismissal rate.

Below are the summaries of tickets contested “in person” and “by mail” from the **Southbound** approach of **79<sup>th</sup> St and Cicero Ave** from January 2017 to December 2017.

**In Person Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2017 - 01/31/2017	5	5	0	0%
02/01/2017 - 02/28/2017	6	5	1	17%
03/01/2017 - 03/31/2017	10	7	3	30%
04/01/2017 - 04/30/2017	4	4	0	0%
05/01/2017 - 05/31/2017	3	3	0	0%
06/01/2017 - 06/30/2017	6	6	0	0%
07/01/2017 - 07/31/2017	7	6	1	14%
08/01/2017 - 08/31/2017	11	11	0	0%
09/01/2017 - 09/30/2017	12	12	0	0%
10/01/2017 - 10/31/2017	6	6	0	0%
11/01/2017 - 11/31/2017	0	0	0	N/A
12/01/2017 - 12/31/2017	0	0	0	N/A
<b>Total</b>	<b>70</b>	<b>65</b>	<b>5</b>	<b>7%</b>

As indicated in the table above, 70 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 5 of the contested tickets, a 7% total dismissal rate.

**By Mail Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2017 - 01/31/2017	9	7	2	22%
02/01/2017 - 02/28/2017	8	8	0	0%
03/01/2017 - 03/31/2017	13	12	1	8%
04/01/2017 - 04/30/2017	7	5	2	29%
05/01/2017 - 05/31/2017	4	4	0	0%
06/01/2017 - 06/30/2017	2	2	0	0%
07/01/2017 - 07/31/2017	5	5	0	0%
08/01/2017 - 08/31/2017	14	13	1	7%
09/01/2017 - 09/30/2017	7	6	1	14%
10/01/2017 - 10/31/2017	7	6	1	14%
11/01/2017 - 11/31/2017	0	0	0	N/A
12/01/2017 - 12/31/2017	0	0	0	N/A
<b>Total</b>	<b>76</b>	<b>68</b>	<b>8</b>	<b>11%</b>

As indicated in the table above, 76 tickets were contested by mail during the above referenced period. 8 contests by mail were dismissed, an 11% dismissal rate.

Below are the summaries of tickets contested “in person” and “by mail” from the **Southbound** approach of **79<sup>th</sup> St and Cicero Ave** from January 2018 to December 2018.

**In Person Contest**

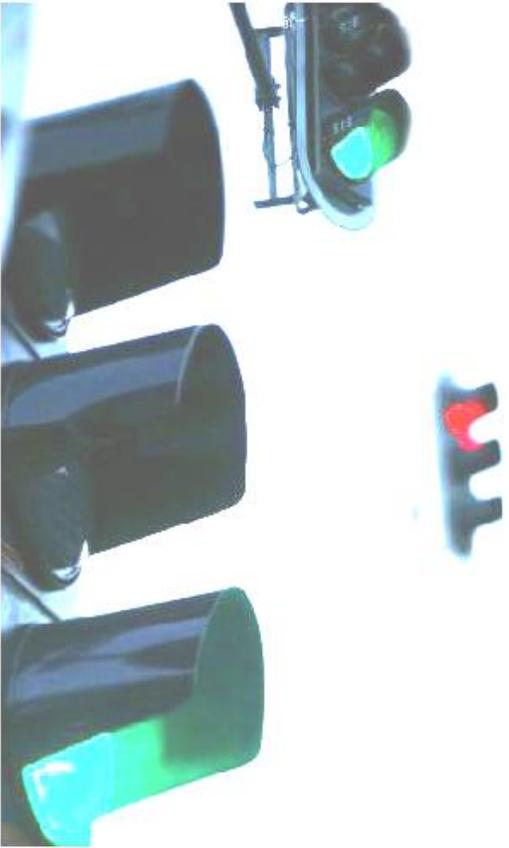
Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2018 - 01/31/2018	1	1	0	0%
02/01/2018 - 02/28/2018	8	8	0	0%
03/01/2018 - 03/31/2018	6	6	0	0%
04/01/2018 - 04/30/2018	9	9	0	0%
05/01/2018 - 05/31/2018	9	8	1	11%
06/01/2018 - 06/30/2018	3	2	1	33%
07/01/2018 - 07/31/2018	7	7	0	0%
08/01/2018 - 08/31/2018	16	16	0	0%
09/01/2018 - 09/30/2018	16	15	1	6%
10/01/2018 - 10/31/2018	6	6	0	0%
11/01/2018 - 11/30/2018	20	20	0	0%
12/01/2018 - 12/31/2018	10	10	0	0%
<b>Total</b>	<b>111</b>	<b>108</b>	<b>3</b>	<b>3%</b>

As indicated in the table above, 111 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 3 of the contested tickets, a 3% total dismissal rate.

**By Mail Contest**

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2018 - 01/28/2018	0	0	0	N/A
02/01/2018 - 02/28/2018	9	9	0	0%
03/01/2018 - 03/31/2018	5	4	1	20%
04/01/2018 - 04/30/2018	7	7	0	0%
05/01/2018 - 05/31/2018	7	7	0	0%
06/01/2018 - 06/30/2018	4	3	1	25%
07/01/2018 - 07/31/2018	14	14	0	0%
08/01/2018 - 08/31/2018	16	16	0	0%
09/01/2018 - 09/30/2018	22	22	0	0%
10/01/2018 - 10/31/2018	25	24	1	4%
11/01/2018 - 11/30/2018	8	7	1	13%
12/01/2018 - 12/31/2018	16	16	0	0%
<b>Total</b>	<b>133</b>	<b>129</b>	<b>4</b>	<b>3%</b>

As indicated in the table above, 133 tickets were contested by mail during the above referenced period. 4 contests by mail were dismissed, a 3% dismissal rate.



## 5. Report Summary and Recommendation

The **City of Burbank** uses state-of-the-art digital cameras provided by SafeSpeed, LLC 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 2011-2013, prior to the RLR camera installation, the combined average of ADTC was 146,869. From 2016-2018, post RLR camera installation, the combined average of ADTC was 144,733, resulting in a decrease of 1.45% from the time period above. (See tab 3)

From 2011-2013, prior to the RLR camera installation, there were 77 total crashes; this averages out to 25.67 crashes a year. From 2016-2018, post RLR camera installation, there were 72 total crashes; this averages out to 24 crashes per year, resulting in a 6.49% reduction of overall crashes in direct comparison with the time period aforementioned. (See tab 2)

After analyzing all of the available data, we believe that the RLR cameras currently in operation at the **Eastbound and Southbound** approaches of **79<sup>th</sup> St and Cicero Ave** in the **City of Burbank** continue to make positive impacts on 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.