



87th St and Cicero Ave

<Southbound>



Burbank, IL

RLR 3 Year Follow-Up

Evaluation Report

Reference No: 016-60582

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
87th St and Cicero Ave
City of Burbank
Ref #: 016-60582

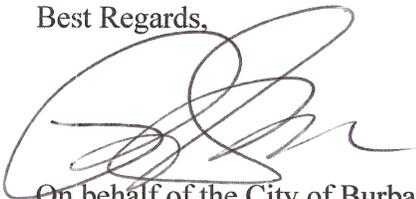
Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersection of 87th 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

Best Regards,



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

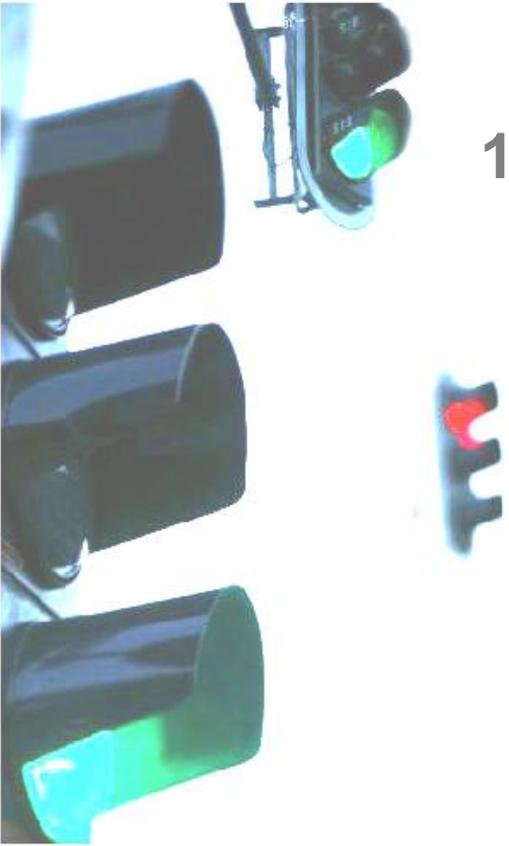
3 Year Evaluation Checklist

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

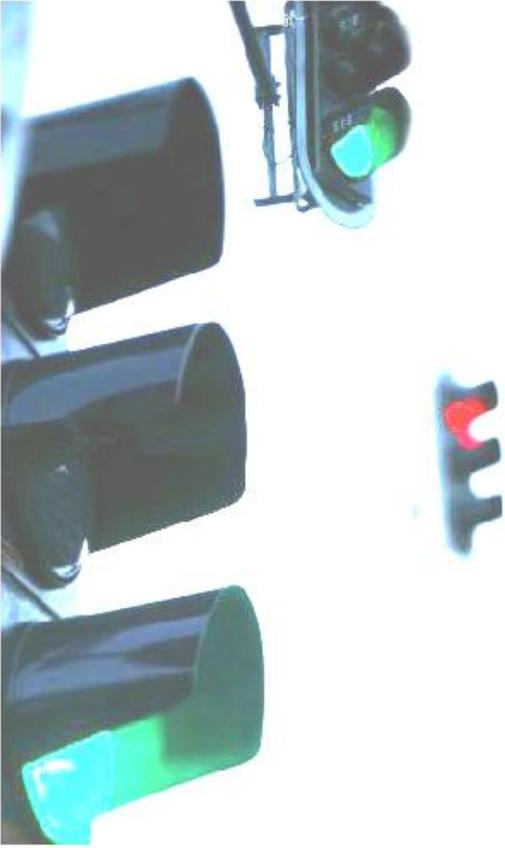
In 2014, the **City of Burbank** received approval from the Illinois Department of Transportation (IDOT) to install a Red Light Running (RLR) camera at the **Southbound** approach of **87th St and Cicero Ave.**

- Date on which the camera went live on the Southbound approach: **09/2014**
- 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>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 9550 West 55 Street McCook, IL 60525</p> <p>Phone: (708) 588-2500 Fax: (708) 588-2501 Email: info@meadeelectric.com Web: meadeelectric.com</p> <p>Key Contact: 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 **87th St and Cicero Ave** over a span of 9 years.*

	Angle	Head On	Turning	Rear End	Pedestrian	Sideswipe	Fixed Object	Total
2010	1	0	16	12	0	0	0	29
2011	1	0	8	7	0	0	0	16
2012	2	1	15	11	0	0	0	29
2013	1	0	4	17	1	1	1	25
2014	2	0	4	5	0	0	0	11
2015	0	0	9	8	0	2	0	19
2016	1	0	8	9	0	0	2	20
2017	2	0	5	7	0	1	0	15
2018	0	0	13	7	0	2	0	22

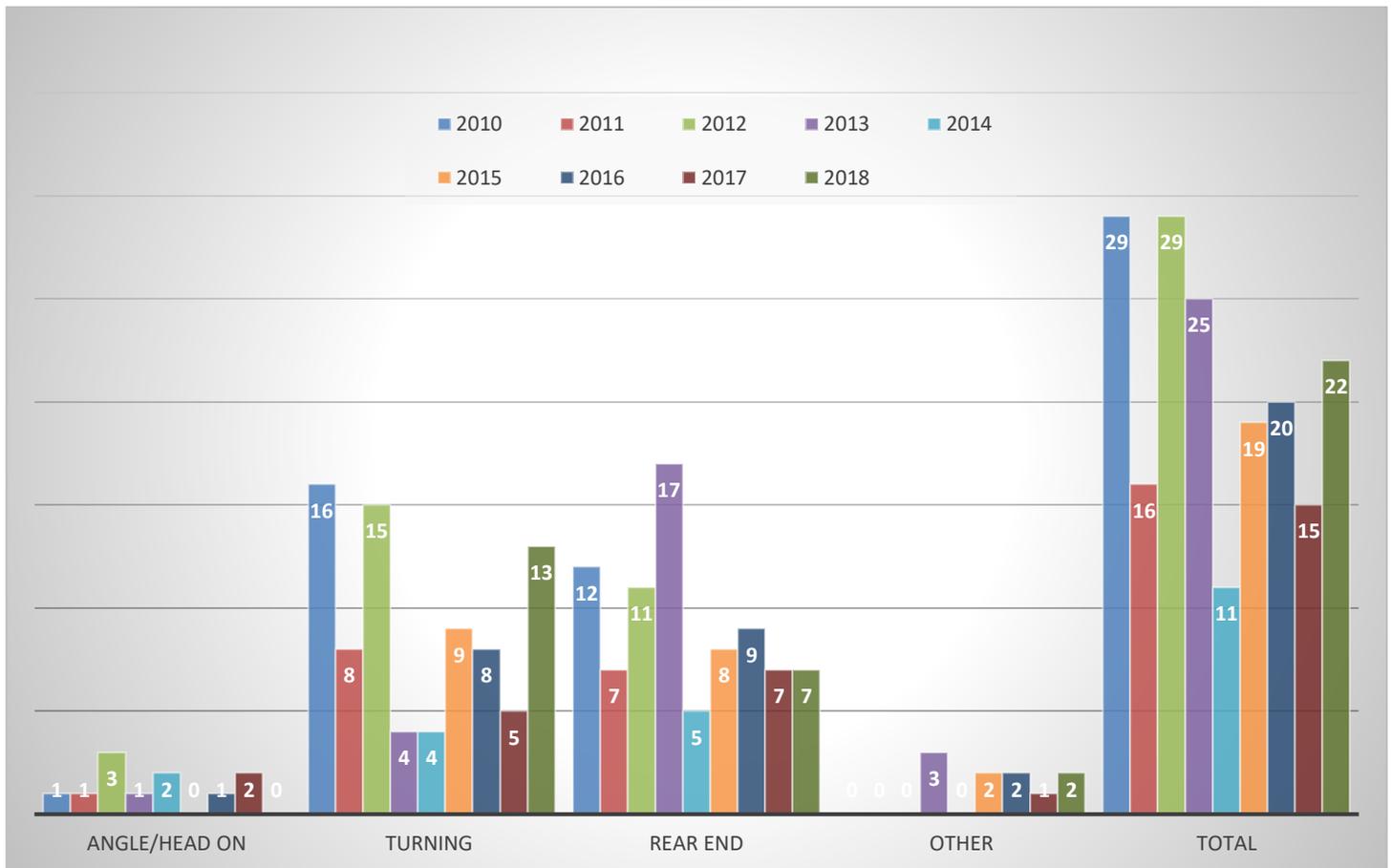
- The data from 2010-2013 shows the period prior to the installation of RLR camera.
- The data from 2014 shows the year in which the camera was installed.
- The data from 2015-2018 shows the period following the installation.

		Before Installation				After Installation				
Type \ Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Angle/Head On	1	1	3	1	2	0	1	2	0	
Turning	16	8	15	4	4	9	8	5	13	
Rear End	12	7	11	17	5	8	9	7	7	
Other**	0	0	0	3	0	2	2	1	2	
Total	29	16	29	25	11	19	20	15	22	
Yearly Average	24.75					19				

* 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, Sideswipe and Fixed Object.

The Chart below shows the trends of each crash type from 2010-2018.



From 2010-2013, prior to the RLR camera installation, there were 99 total crashes; this averages out to 24.75 crashes a year.

From 2015-2018, post RLR camera installation, there were 76 total crashes; this averages out to 19 crashes per year, resulting in a 23.23% reduction of overall crashes in comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2010-2018. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.

Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: IL050 | From MileStation 45.68 to 45.68 | 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
29	0	0	6	4	19	0	16	0	8	8

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	16	55.2%	Monday	2	6.9%	02 AM	1	3.4%	Passenger	36	61.0%
11-Rear end	12	41.4%	Tuesday	5	17.2%	09 AM	1	3.4%	Pickup	3	5.1%
15-Angle	1	3.4%	Wednesday	7	24.1%	10 AM	1	3.4%	Sport utility vehicle (SUV)	10	16.9%
TOTAL:	29		Thursday	2	6.9%	11 AM	2	6.9%	Van/mini van	10	16.9%
			Friday	3	10.3%	Noon	1	3.4%	TOTAL:	59	
			Saturday	3	10.3%	1 PM	1	3.4%			
			Sunday	7	24.1%	2 PM	1	3.4%			
			TOTAL:	29		3 PM	1	3.4%			
						4 PM	6	20.7%			
						6 PM	3	10.3%			
						7 PM	3	10.3%			
						8 PM	2	6.9%			
						9 PM	3	10.3%			
						10 PM	1	3.4%			
						11 PM	2	6.9%			
						TOTAL:	29				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	20	69.0%	Darkness/Lighted road	16	55.2%	Dry	20	69.0%	East	12	20.3%
Other	2	6.9%	Daylight	12	41.4%	Snow or slush	2	6.9%	North	16	27.1%
Rain	3	10.3%	Unknown	1	3.4%	Unknown	1	3.4%	Northwest	3	5.1%

Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: IL050 | From MileStation 45.68 to 45.68 | 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
16	0	2	2	3	9	0	8	2	2	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	6.3%	Tuesday	2	12.5%	06 AM	1	6.3%	Bus Over 15 Passengers	1	2.6%
Rear End	7	43.8%	Wednesday	1	6.3%	Noon	1	6.3%	Passenger	27	71.1%
Turning	8	50.0%	Thursday	2	12.5%	1 PM	1	6.3%	Pickup	1	2.6%
TOTAL:	16		Friday	5	31.3%	2 PM	1	6.3%	SUV	5	13.2%
			Saturday	2	12.5%	3 PM	2	12.5%	Truck Single Unit	1	2.6%
			Sunday	4	25.0%	4 PM	2	12.5%	Van/Mini-Van	3	7.9%
			TOTAL:	16		5 PM	1	6.3%	TOTAL:	38	
						6 PM	1	6.3%			
						8 PM	2	12.5%			
						9 PM	2	12.5%			
						10 PM	1	6.3%			
						11 PM	1	6.3%			
						TOTAL:	16				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	10	62.5%	Darkness, Lighted Road	7	43.8%	Dry	9	56.3%	East	10	26.3%
Other	1	6.3%	Daylight	9	56.3%	Wet	7	43.8%	North	3	7.9%
Rain	5	31.3%	TOTAL:	16		TOTAL:	16		Northeast	1	2.6%
TOTAL:	16								Northwest	3	7.9%
									South	13	34.2%
									West	8	21.1%

Collision Diagram

1/1/2012 to 12/31/2012

Crash Route: IL050 | From MileStation 45.68 to 45.68 | 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>29</u>	<u>0</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>21</u>	<u>0</u>	<u>9</u>	<u>1</u>	<u>4</u>	<u>4</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	6.9%	Monday	4	13.8%	Midnight	1	3.4%	Passenger	42	67.7%
Head On	1	3.4%	Tuesday	2	6.9%	04 AM	1	3.4%	Pickup	4	6.5%
Rear End	11	37.9%	Wednesday	5	17.2%	10 AM	1	3.4%	SUV	12	19.4%
Turning	15	51.7%	Thursday	5	17.2%	11 AM	1	3.4%	Tractor With Semi-Trailer	1	1.6%
TOTAL:	29		Friday	4	13.8%	Noon	4	13.8%	Van/Mini-Van	3	4.8%
			Saturday	4	13.8%	1 PM	1	3.4%	TOTAL:	62	
			Sunday	5	17.2%	2 PM	1	3.4%			
			TOTAL:	29		3 PM	5	17.2%			
						4 PM	2	6.9%			
						5 PM	3	10.3%			
						6 PM	3	10.3%			
						7 PM	1	3.4%			
						8 PM	2	6.9%			
						9 PM	3	10.3%			
						TOTAL:	29				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	27	93.1%	Darkness	1	3.4%	Dry	25	86.2%	East	8	12.9%
Snow	1	3.4%	Darkness, Lighted Road	9	31.0%	Unknown	1	3.4%	North	16	25.8%
Unknown	1	3.4%	Daylight	18	62.1%	Wet	3	10.3%	Northeast	4	6.5%
TOTAL:	29		Dusk	1	3.4%	TOTAL:	29		Northwest	3	4.8%

Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: IL050 | From MileStation 45.68 to 45.68 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>25</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>1</u>	<u>19</u>	<u>0</u>	<u>13</u>	<u>2</u>	<u>10</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.0%	Monday	2	8.0%	Midnight	1	4.0%	Bus Over 15 Passengers	1	2.0%
Fixed Object	1	4.0%	Tuesday	2	8.0%	03 AM	1	4.0%	Motorcycle (Over 150cc)	1	2.0%
Pedestrian	1	4.0%	Wednesday	4	16.0%	04 AM	1	4.0%	Passenger	36	73.5%
Rear End	17	68.0%	Thursday	2	8.0%	06 AM	2	8.0%	Pickup	5	10.2%
Sideswipe Same Direction	1	4.0%	Friday	4	16.0%	08 AM	1	4.0%	SUV	3	6.1%
Turning	4	16.0%	Saturday	6	24.0%	09 AM	2	8.0%	Tractor With Semi-Trailer	1	2.0%
TOTAL:	25		Sunday	5	20.0%	11 AM	1	4.0%	Truck Single Unit	1	2.0%
			TOTAL:	25		Noon	2	8.0%	Van/Mini-Van	1	2.0%
						1 PM	2	8.0%	TOTAL:	49	
						2 PM	1	4.0%			
						3 PM	1	4.0%			
						4 PM	3	12.0%			
						5 PM	1	4.0%			
						6 PM	4	16.0%			
						7 PM	2	8.0%			
						TOTAL:	25				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	17	68.0%	Darkness	3	12.0%	Dry	18	72.0%	East	2	4.1%
Fog/Smoke/Haze	1	4.0%	Darkness/ Lighted Road	6	24.0%	Snow or Slush	1	4.0%	North	18	36.7%
Rain	5	20.0%	Daylight	13	52.0%				Northwest	1	2.0%

Collision Diagram

1/1/2014 to 12/31/2014

Crash Route: IL050 | From MileStation 45.68 to 45.68 | 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	3	7	0	5	0	1	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	18.2%	Monday	1	9.1%	Midnight	1	9.1%	Passenger	16	72.7%
Rear End	5	45.5%	Wednesday	4	36.4%	06 AM	1	9.1%	SUV	6	27.3%
Turning	4	36.4%	Friday	3	27.3%	07 AM	2	18.2%	TOTAL:	22	
TOTAL:	11		Sunday	3	27.3%	08 AM	1	9.1%			
			TOTAL:	11		09 AM	1	9.1%			
						11 AM	1	9.1%			
						Noon	1	9.1%			
						3 PM	1	9.1%			
						4 PM	1	9.1%			
						7 PM	1	9.1%			
						TOTAL:	11				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	81.8%	Darkness/ Lighted Road	2	18.2%	Dry	6	54.5%	North	8	36.4%
Rain	1	9.1%	Daylight	9	81.8%	Ice	1	9.1%	South	7	31.8%
Snow	1	9.1%	TOTAL:	11		Snow or Slush	1	9.1%	West	7	31.8%
TOTAL:	11					Wet	3	27.3%	TOTAL:	22	
						TOTAL:	11				

Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2958622.13389814 : YCoordinate 1855118.95895374 | 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>0</u>	<u>4</u>	<u>5</u>	<u>10</u>	<u>0</u>	<u>20</u>	<u>0</u>	<u>8</u>	<u>12</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	8	42.1%	Monday	3	15.8%	05 AM	1	5.3%	Passenger	27	67.5%
Sideswipe Same Direction	2	10.5%	Tuesday	3	15.8%	06 AM	1	5.3%	SUV	9	22.5%
Turning	9	47.4%	Wednesday	2	10.5%	07 AM	1	5.3%	Tractor With Semi-Trailer	1	2.5%
TOTAL:	19		Thursday	2	10.5%	09 AM	1	5.3%	Unknown	2	5.0%
			Friday	2	10.5%	11 AM	1	5.3%	Van/Mini-Van	1	2.5%
			Saturday	2	10.5%	Noon	1	5.3%	TOTAL:	40	
			Sunday	5	26.3%	1 PM	2	10.5%			
			TOTAL:	19		2 PM	1	5.3%			
						3 PM	2	10.5%			
						4 PM	2	10.5%			
						5 PM	1	5.3%			
						7 PM	1	5.3%			
						8 PM	2	10.5%			
						10 PM	1	5.3%			
						11 PM	1	5.3%			
						TOTAL:	19				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	16	84.2%	Darkness, Lighted Road	6	31.6%	Dry	16	84.2%	East	9	22.5%

Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2958620.914084 : YCoordinate 1855098.55497 | 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>0</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>16</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>3</u>	<u>4</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	5.0%	Monday	5	25.0%	Midnight	1	5.0%	Passenger	29	70.7%
Fixed Object	2	10.0%	Tuesday	3	15.0%	06 AM	1	5.0%	Pickup	2	4.9%
Rear End	9	45.0%	Wednesday	1	5.0%	08 AM	1	5.0%	SUV	6	14.6%
Turning	8	40.0%	Thursday	2	10.0%	09 AM	1	5.0%	Tractor With Semi-Trailer	1	2.4%
TOTAL:	20		Friday	6	30.0%	11 AM	1	5.0%	Unknown	2	4.9%
			Saturday	1	5.0%	Noon	2	10.0%	Van/Mini-Van	1	2.4%
			Sunday	2	10.0%	1 PM	1	5.0%	TOTAL:	41	
			TOTAL:	20		2 PM	1	5.0%			
						3 PM	4	20.0%			
						4 PM	2	10.0%			
						6 PM	1	5.0%			
						7 PM	2	10.0%			
						8 PM	1	5.0%			
						10 PM	1	5.0%			
						TOTAL:	20				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	14	70.0%	Darkness, Lighted Road	7	35.0%	Dry	13	65.0%	East	14	34.1%
Cloudy/Overcast	2	10.0%			Snow or Slush	1	5.0%	North	10	24.4%	

Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2958620.914084 : YCoordinate 1855098.55497 | 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>0</u>	<u>7</u>	<u>8</u>	<u>0</u>	<u>11</u>	<u>0</u>	<u>0</u>	<u>11</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	13.3%	Monday	3	20.0%	02 AM	1	6.7%	Passenger	16	53.3%
Rear End	7	46.7%	Tuesday	1	6.7%	06 AM	1	6.7%	Pickup	2	6.7%
Sideswipe Same Direction	1	6.7%	Wednesday	2	13.3%	11 AM	5	33.3%	SUV	9	30.0%
Turning	5	33.3%	Thursday	2	13.3%	1 PM	1	6.7%	Tractor Without Semi-Trailer	1	3.3%
TOTAL:	15		Friday	3	20.0%	2 PM	1	6.7%	Unknown	2	6.7%
			Saturday	3	20.0%	4 PM	3	20.0%	TOTAL:	30	
			Sunday	1	6.7%	5 PM	2	13.3%			
			TOTAL:	15		6 PM	1	6.7%			
						TOTAL:	15				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	73.3%	Darkness, Lighted Road	3	20.0%	Dry	12	80.0%	East	10	33.3%
Cloudy/Overcast	2	13.3%	Daylight	12	80.0%	Wet	3	20.0%	North	8	26.7%
Rain	1	6.7%	TOTAL:	15		TOTAL:	15		South	8	26.7%
Snow	1	6.7%						Southwest	1	3.3%	
TOTAL:	15							West	3	10.0%	
								TOTAL:	30		

Coordinate Collision Diagram Report

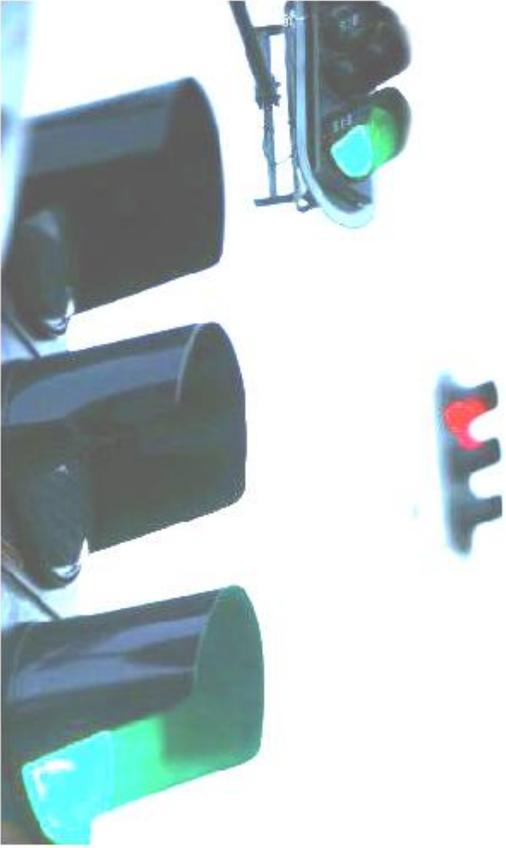
1/1/2018 to 12/31/2018

For XCoordinate 2958620.914084 : YCoordinate 1855098.55497 | 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>5</u>	<u>5</u>	<u>12</u>	<u>0</u>	<u>15</u>	<u>0</u>	<u>8</u>	<u>7</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	7	31.8%	Monday	4	18.2%	03 AM	1	4.5%	Passenger	30	63.8%
Sideswipe Same Direction	2	9.1%	Tuesday	2	9.1%	05 AM	1	4.5%	Pickup	6	12.8%
Turning	13	59.1%	Wednesday	4	18.2%	08 AM	1	4.5%	SUV	5	10.6%
TOTAL:	22		Thursday	3	13.6%	09 AM	1	4.5%	Tractor With Semi-Trailer	1	2.1%
			Friday	4	18.2%	10 AM	2	9.1%	Truck Single Unit	2	4.3%
			Saturday	3	13.6%	11 AM	2	9.1%	Unknown	2	4.3%
			Sunday	2	9.1%	Noon	2	9.1%	Van/Mini-Van	1	2.1%
			TOTAL:	22		1 PM	1	4.5%	TOTAL:	47	
						5 PM	4	18.2%			
						6 PM	1	4.5%			
						7 PM	1	4.5%			
						8 PM	1	4.5%			
						9 PM	2	9.1%			
						10 PM	2	9.1%			
						TOTAL:	22				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	20	90.9%	Darkness	1	4.5%	Dry	19	86.4%	East	12	25.5%
Cloudy/Overcast	1	4.5%	Darkness, Lighted Road	8	36.4%				North	12	25.5%



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **87th St and Cicero Ave** over a span of 9 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 2010-2013 shows the period prior to the installation of RLR camera.
- The data from 2014 shows the year in which the camera was installed.
- The data from 2015-2018 shows the period following the installation.

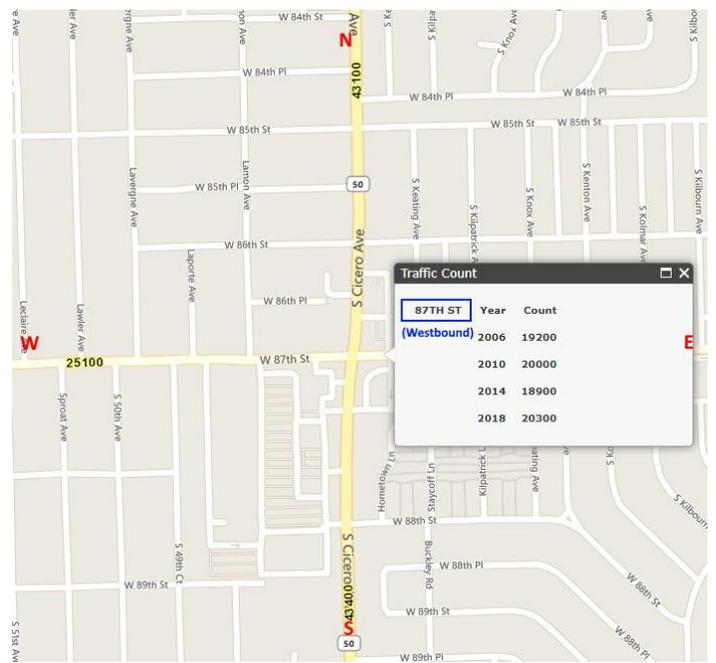
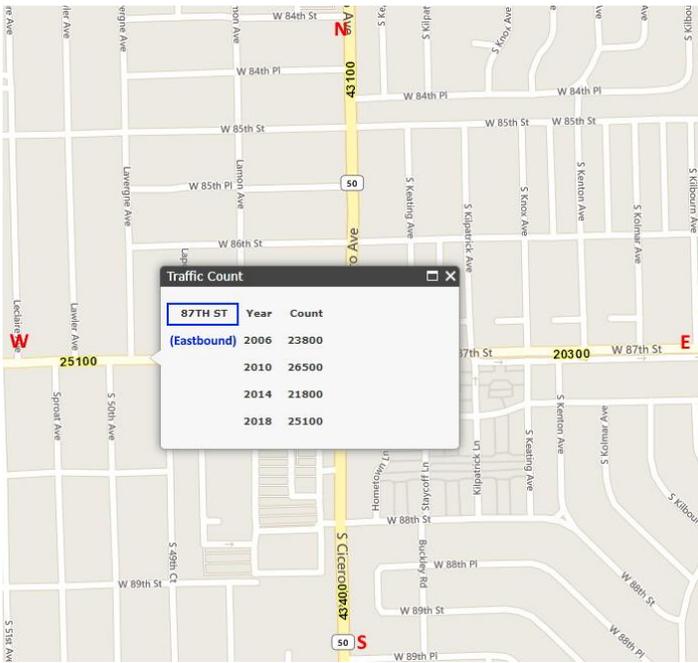
		Before Installation				After Installation				
Direction \ Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Eastbound	26,500	26,500	26,500	26,500	21,800	21,800	21,800	21,800	25,100	
Westbound	20,000	20,000	20,000	20,000	18,900	18,900	18,900	18,900	20,300	
Northbound	47,900	43,500	43,500	43,100	43,100	37,500	37,500	41,200	41,200	
Southbound	47,000	42,900	42,900	46,100	46,100	36,600	36,600	44,600	44,600	
Combined	141,400	132,900	132,900	135,700	129,900	114,800	114,800	126,500	131,200	
Combined Avg	135,725					121,825				

From 2010-2013, prior to the RLR camera installation, the combined average of ADTC was 135,725.

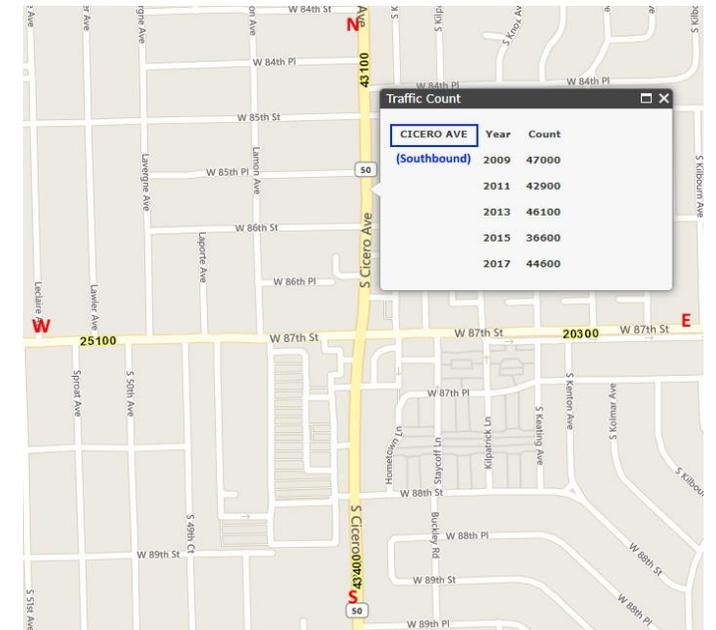
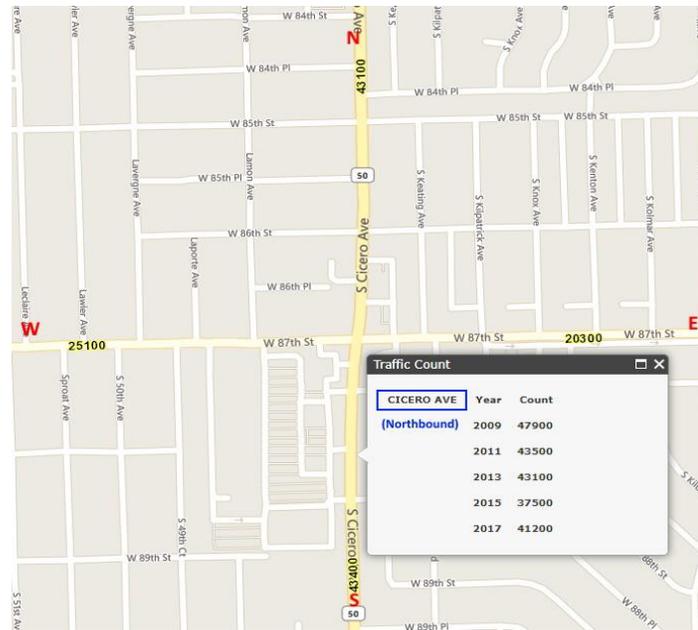
From 2015-2018, post RLR camera installation, the combined average of ADTC was 121,825, resulting in a decrease of 10.24% from the time period above.

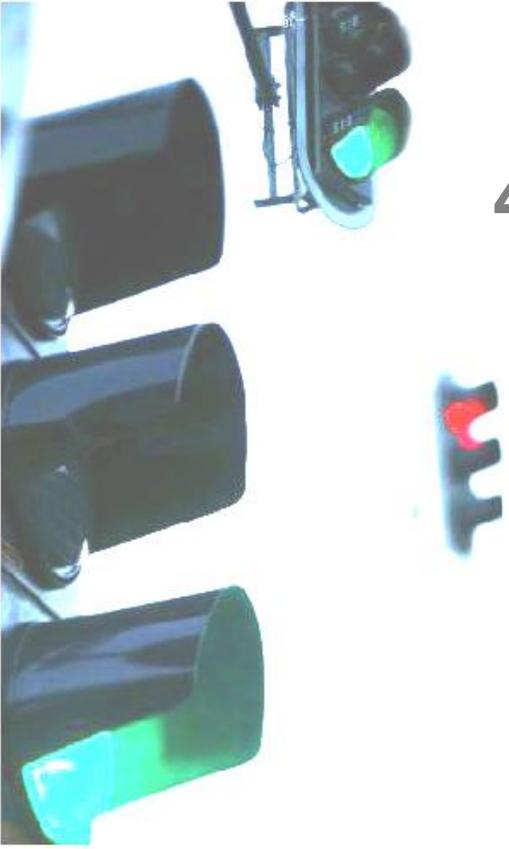
The following page will provide the complete ADTC data from 2010-2018 obtained from the IDOT's website.

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 **Southbound** approach of **87th 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	12	10	2	17%
02/01/2016 - 02/29/2016	11	10	1	9%
03/01/2016 - 03/31/2016	16	16	0	0%
04/01/2016 - 04/30/2016	13	11	2	15%
05/01/2016 - 05/31/2016	12	11	1	8%
06/01/2016 - 06/30/2016	8	7	1	13%
07/01/2016 - 07/31/2016	12	9	3	25%
08/01/2016 - 08/31/2016	17	14	3	18%
09/01/2016 - 09/30/2016	10	9	1	10%
10/01/2016 - 10/31/2016	11	11	0	0%
11/01/2016 - 11/30/2016	11	11	0	0%
12/01/2016 - 12/31/2016	12	11	1	8%
Total	145	130	15	10%

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 15 of the contested tickets, a 10% total dismissal rate.

By Mail Contest

Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2016 - 01/31/2016	13	12	1	8%
02/01/2016 - 02/29/2016	7	7	0	0%
03/01/2016 - 03/31/2016	6	6	0	0%
04/01/2016 - 04/30/2016	10	10	0	0%
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	14	13	1	7%
08/01/2016 - 08/31/2016	10	10	0	0%
09/01/2016 - 09/30/2016	14	14	0	0%
10/01/2016 - 10/31/2016	5	4	1	20%
11/01/2016 - 11/30/2016	11	8	3	27%
12/01/2016 - 12/31/2016	19	18	1	5%
Total	142	133	9	6%

As indicated in the table above, 142 tickets were contested by mail during the above referenced period. 9 contests by mail were dismissed, a 6% dismissal rate.

Below are the summaries of tickets contested “in person” and “by mail” from the **Southbound** approach of **87th 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	8	5	3	38%
02/01/2017 - 02/28/2017	13	13	0	0%
03/01/2017 - 03/31/2017	15	14	1	7%
04/01/2017 - 04/30/2017	11	10	1	9%
05/01/2017 - 05/31/2017	9	9	0	0%
06/01/2017 - 06/30/2017	15	14	1	7%
07/01/2017 - 07/31/2017	7	7	0	0%
08/01/2017 - 08/31/2017	13	12	1	8%
09/01/2017 - 09/30/2017	25	24	1	4%
10/01/2017 - 10/31/2017	14	13	1	7%
11/01/2017 - 11/30/2017	2	2	0	0%
12/01/2017 - 12/31/2017	3	3	0	0%
Total	135	126	9	7%

As indicated in the table above, 135 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 9 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	7	7	0	0%
02/01/2017 - 02/28/2017	13	13	0	0%
03/01/2017 - 03/31/2017	14	14	0	0%
04/01/2017 - 04/30/2017	10	9	1	10%
05/01/2017 - 05/31/2017	14	13	1	7%
06/01/2017 - 06/30/2017	10	9	1	10%
07/01/2017 - 07/31/2017	8	8	0	0%
08/01/2017 - 08/31/2017	16	14	2	13%
09/01/2017 - 09/30/2017	11	10	1	9%
10/01/2017 - 10/31/2017	21	20	1	5%
11/01/2017 - 11/31/2017	0	0	0	N/A
12/01/2017 - 12/31/2017	0	0	0	N/A
Total	124	117	7	6%

As indicated in the table above, 124 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 **Southbound** approach of **87th St and Cicero Ave** from January 2018 to December 2018.

In Person Contest

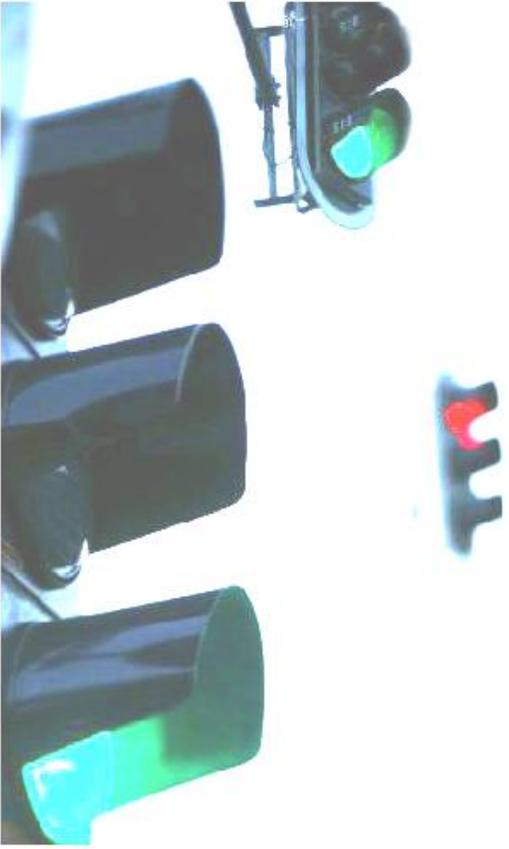
Date	Total Contests	Found Guilty	Dismissed	Dismiss Ratio
01/01/2018 - 01/31/2018	3	3	0	0%
02/01/2018 - 02/28/2018	19	19	0	0%
03/01/2018 - 03/31/2018	16	16	0	0%
04/01/2018 - 04/30/2018	27	27	0	0%
05/01/2018 - 05/31/2018	15	15	0	0%
06/01/2018 - 06/30/2018	10	8	2	20%
07/01/2018 - 07/31/2018	23	22	1	4%
08/01/2018 - 08/31/2018	20	19	1	5%
09/01/2018 - 09/30/2018	31	31	0	0%
10/01/2018 - 10/31/2018	21	20	1	5%
11/01/2018 - 11/30/2018	26	26	0	0%
12/01/2018 - 12/31/2018	15	14	1	7%
Total	226	220	6	3%

As indicated in the table above, 226 contested tickets were reviewed by one or more Hearing Officers during the above referenced period. The Hearing Officer(s) dismissed 6 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	8	1	11%
03/01/2018 - 03/31/2018	15	15	0	0%
04/01/2018 - 04/30/2018	28	27	1	4%
05/01/2018 - 05/31/2018	18	18	0	0%
06/01/2018 - 06/30/2018	7	7	0	0%
07/01/2018 - 07/31/2018	26	25	1	4%
08/01/2018 - 08/31/2018	25	25	0	0%
09/01/2018 - 09/30/2018	31	31	0	0%
10/01/2018 - 10/31/2018	19	19	0	0%
11/01/2018 - 11/30/2018	19	19	0	0%
12/01/2018 - 12/31/2018	12	12	0	0%
Total	209	206	3	1%

As indicated in the table above, 209 tickets were contested by mail during the above referenced period. 3 contests by mail were dismissed, an 1% 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 2010-2013, prior to the RLR camera installation, the combined average of ADTC at this intersection was 135,725. From 2015-2018, post RLR camera installation, the combined average of ADTC was 121,825 resulting in a decrease of 10.24% from the time period aforementioned. (See tab 3)

From 2010-2013, prior to the RLR camera installation, there were 99 total crashes; this averages out to 24.75 crashes a year. From 2015-2018, post RLR camera installation, there were 76 total crashes; this averages out to 19 crashes per year, resulting in a 23.23% reduction of overall crashes in comparison with the time period aforementioned. (See tab 2)

After analyzing all of the available data, we strongly believe that the RLR camera currently in operation at the **Southbound** approach of **87th St and Cicero Ave** in the **City of Burbank** continues 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.