



# Midlothian Tpke and Cicero Ave <Northbound and Southbound>



## Crestwood, IL RLR 3 Year Follow-Up Evaluation Report

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Reference No: 016-65548  
May 2022

# VILLAGE OF CRESTWOOD POLICE DEPARTMENT

13840 SOUTH CICERO AVENUE • CRESTWOOD, ILLINOIS 60418 • PHONE (708) 371-4800

**David T. Weigand**  
Chief of Police

June 1, 2022

Thomas G. Gallenbach, P.E.  
Area Permit Engineer  
Illinois Department of Transportation  
Bureau of Traffic  
201 West Center Court  
Schaumburg, Illinois 60196-1096

Re: RLR 3 Year Follow-Up Evaluation Report  
Midlothian Tpke and Cicero Ave – Northbound and Southbound  
Village of Crestwood  
Ref #: 016 – 65548

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3 Year RLR Follow-Up Evaluation Report for the intersection of Midlothian Tpke and Cicero Ave, Crestwood, Illinois.

In this submittal, included are: RLR Camera Location, Implementation Date, System Manufacturer and Contractors, RLR Crash Data and Analysis, Traffic Volume History, Summary of Adjudication, and Summary section.

If you have any questions with regard to this submittal or require any additional information, please feel free to contact us at 708-371-4800, [dweigand@crestwood.illinois.gov](mailto:dweigand@crestwood.illinois.gov).

Best Regards,



On behalf of the Village of Crestwood  
David Weigand  
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 Contractor

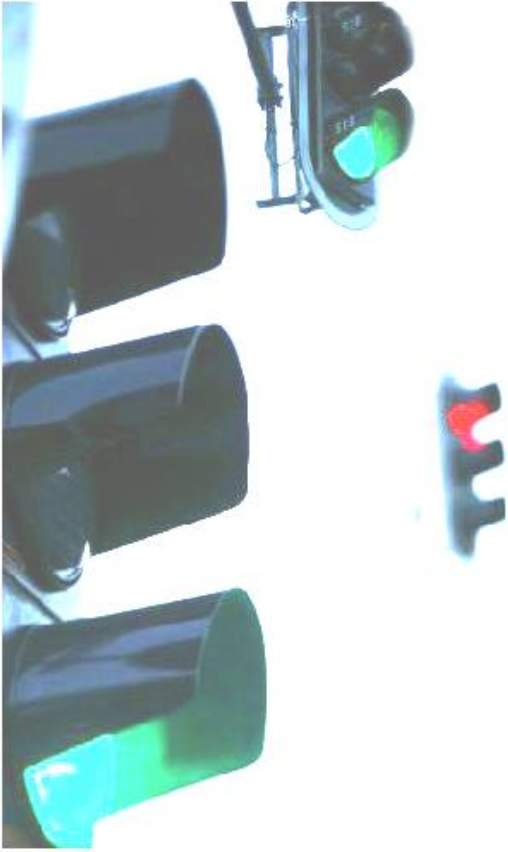
In 2016, the **Village of Crestwood** received approval from the Illinois Department of Transportation (IDOT) to install the current Red Light Running (RLR) cameras on the **Northbound and Southbound** approaches at the intersection of **Midlothian Tpke and Cicero Ave.**

- Date on which the cameras went live on the Northbound and Southbound approaches: **04/2016**
- Year in which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **2019**

No changes were made to the traffic signal timing or any other settings pertaining to operation of traffic signals at this intersection following the camera installation.

Below are the RLR camera system manufacturer and contractor information.

<p>RLR Camera System Manufacturer</p> <p><b>SafeSpeed, LLC</b> 150 North Wacker Drive Floor 8 Chicago, IL 60606</p> <p>Phone: (877) 237-2331 Fax: (877) 237-2302 Email: <a href="mailto:info@safespeedllc.com">info@safespeedllc.com</a> Web: <a href="http://safespeedllc.com">safespeedllc.com</a></p> <p>Key Contact: Ryan Kim Phone: (312) 924-7248 Email: <a href="mailto:rkim@safespeedllc.com">rkim@safespeedllc.com</a></p>	<p>Electrical Contractor</p> <p><b>Meade Electric Company</b> 625 Willowbrook Center Parkway Willowbrook, IL 60527</p> <p>Phone: (708) 588-2500 Fax: (708) 588-2501 Email: <a href="mailto:info@meadeelectric.com">info@meadeelectric.com</a> Web: <a href="http://meadeelectric.com">meadeelectric.com</a></p> <p>Key Contact: Mr. Michael Knutson Phone: (708) 588-2500 Email: <a href="mailto:mkk@meade100.com">mkk@meade100.com</a></p>
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## 2. RLR Crash Data and Analysis

The table below shows a summary of motor vehicle crashes at the intersection of **Midlothian Tpke and Cicero Ave** over a span of 9 years\*.

	Angle	Turning	Rear End	Pedestrian	Sideswipe	Fixed Object	Total
<b>2012</b>	1	9	11	0	0	0	21
<b>2013</b>	0	11	11	0	0	1	23
<b>2014</b>	2	6	11	0	0	0	19
<b>2015</b>	2	4	8	0	1	0	15
<b>2016</b>	2	10	3	0	1	0	16
<b>2017</b>	0	3	7	1	1	0	12
<b>2018</b>	1	1	2	0	0	1	5
<b>2019</b>	0	4	4	0	0	2	10
<b>2020</b>	0	4	1	0	0	0	5

The data from 2012-2015 shows the period prior to the installation of the RLR cameras.

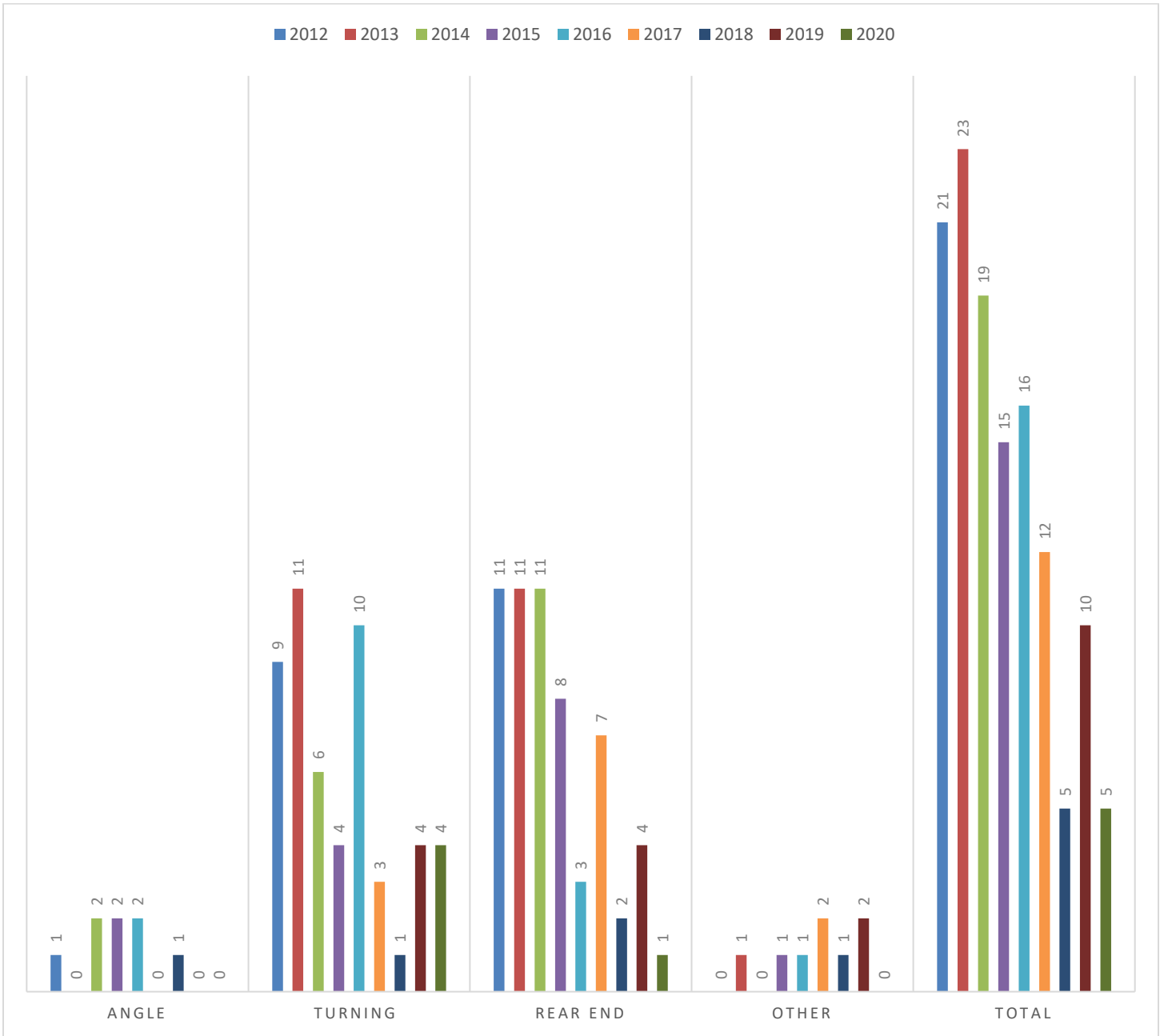
The data from 2016 shows the year in which the cameras were installed.

The data from 2017-2020 shows the period following the installation.

\* DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation. Any conclusions drawn from analysis of the aforementioned data are the sole responsibility of the data recipient(s). Additionally, for coding years 2015 to present, the Bureau of Data Collection uses the exact latitude/longitude supplied by the investigating law enforcement agency to locate crashes. Therefore, location data may vary in previous years since data prior to 2015 was physically located by bureau personnel.



The Chart below shows the trend of each crash type from 2012-2020.



	Year \ Type	Angle	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	2012	1	9	11	0	21	19.5
	2013	0	11	11	1	23	
	2014	2	6	11	0	19	
	2015	2	4	8	1	15	
	2016	2	10	3	1	16	
After Installation	2017	0	3	7	2	12	8
	2018	1	1	2	1	5	
	2019	0	4	4	2	10	
	2020	0	4	1	0	5	

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

From 2012-2015, prior to RLR camera installation, there were 78 total crashes; this averages out to 19.5 crashes a year.

From 2017-2020, post RLR camera installation, there were 32 total crashes; this averages out to 8 crashes per year - a 58.97% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2012-2020. 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

1/1/2012 to 12/31/2012

Crash Route: IL050 | From MileStation 39.04 to 39.04 | 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
21	0	0	1	2	18	0	3	0	1	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.8%	Monday	1	4.8%	Midnight	2	9.5%	Other	1	2.2%
Rear End	11	52.4%	Tuesday	5	23.8%	06 AM	1	4.8%	Passenger	34	73.9%
Turning	9	42.9%	Wednesday	2	9.5%	08 AM	1	4.8%	Pickup	1	2.2%
<b>TOTAL:</b>	<b>21</b>		Thursday	2	9.5%	10 AM	2	9.5%	SUV	5	10.9%
			Friday	4	19.0%	Noon	2	9.5%	Van/Mini-Van	5	10.9%
			Saturday	4	19.0%	1 PM	2	9.5%	<b>TOTAL:</b>	<b>46</b>	
			Sunday	3	14.3%	2 PM	1	4.8%			
			<b>TOTAL:</b>	<b>21</b>		3 PM	4	19.0%			
						5 PM	3	14.3%			
						6 PM	1	4.8%			
						7 PM	1	4.8%			
						10 PM	1	4.8%			
						<b>TOTAL:</b>	<b>21</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	85.7%	Darkness	1	4.8%	Dry	17	81.0%	East	14	30.4%
Rain	1	4.8%	Darkness, Lighted Road	5	23.8%	Snow or Slush	2	9.5%	North	10	21.7%
Snow	2	9.5%	Daylight	14	66.7%	Wet	2	9.5%	Northeast	1	2.2%
<b>TOTAL:</b>	<b>21</b>		Dusk	1	4.8%	<b>TOTAL:</b>	<b>21</b>		South	9	19.6%
			<b>TOTAL:</b>	<b>21</b>					West	12	26.1%
									<b>TOTAL:</b>	<b>46</b>	

### Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: IL050 | From MileStation 39.04 to 39.04 | 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	2	6	0	15	0	12	3	9	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	1	4.3%	Monday	1	4.3%	01 AM	2	8.7%	Bus Over 15 Passengers	1	1.9%
Rear End	11	47.8%	Tuesday	2	8.7%	06 AM	1	4.3%	Other	1	1.9%
Turning	11	47.8%	Wednesday	7	30.4%	07 AM	1	4.3%	Other Vehicle With Trailer	1	1.9%
<b>TOTAL:</b>	<b>23</b>		Thursday	3	13.0%	08 AM	2	8.7%	Passenger	36	69.2%
			Friday	5	21.7%	11 AM	1	4.3%	Pickup	4	7.7%
			Saturday	5	21.7%	Noon	2	8.7%	SUV	6	11.5%
			<b>TOTAL:</b>	<b>23</b>		2 PM	1	4.3%	Tractor With Semi-Trailer	1	1.9%
						3 PM	1	4.3%	Truck Single Unit	1	1.9%
						4 PM	4	17.4%	Van/Mini-Van	1	1.9%
						5 PM	1	4.3%	<b>TOTAL:</b>	<b>52</b>	
						6 PM	1	4.3%			
						7 PM	1	4.3%			
						8 PM	1	4.3%			
						9 PM	2	8.7%			
						10 PM	2	8.7%			
						<b>TOTAL:</b>	<b>23</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	14	60.9%	Darkness	5	21.7%	Dry	14	60.9%	East	12	23.1%
Rain	8	34.8%	Darkness/ Lighted Road	5	21.7%	Wet	9	39.1%	North	8	15.4%
						<b>TOTAL:</b>	<b>23</b>		Northeast	2	3.8%

### Collision Diagram

1/1/2014 to 12/31/2014

Crash Route: IL050 | From MileStation 39.04 to 39.04 | 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
19	1	0	1	0	17	1	5	0	5	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	10.5%	Monday	4	21.1%	Midnight	1	5.3%	Bus Over 15 Passengers	2	5.1%
Rear End	11	57.9%	Tuesday	2	10.5%	01 AM	2	10.5%	Passenger	26	66.7%
Turning	6	31.6%	Wednesday	1	5.3%	07 AM	1	5.3%	Pickup	1	2.6%
<b>TOTAL:</b>	<b>19</b>		Thursday	2	10.5%	08 AM	2	10.5%	SUV	6	15.4%
			Friday	3	15.8%	10 AM	2	10.5%	Tractor With Semi-Trailer	1	2.6%
			Saturday	4	21.1%	11 AM	1	5.3%	Unknown	3	7.7%
			Sunday	3	15.8%	Noon	2	10.5%	<b>TOTAL:</b>	<b>39</b>	
			<b>TOTAL:</b>	<b>19</b>		2 PM	3	15.8%			
						3 PM	1	5.3%			
						6 PM	1	5.3%			
						8 PM	3	15.8%			
						<b>TOTAL:</b>	<b>19</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	14	73.7%	Darkness	1	5.3%	Dry	11	57.9%	East	5	12.8%
Cloudy/Overcast	1	5.3%	Darkness/ Lighted Road	5	26.3%	Snow or Slush	2	10.5%	North	7	17.9%
Rain	3	15.8%	Daylight	13	68.4%	Wet	6	31.6%	Northeast	1	2.6%
Snow	1	5.3%	<b>TOTAL:</b>	<b>19</b>		<b>TOTAL:</b>	<b>19</b>		South	16	41.0%
<b>TOTAL:</b>	<b>19</b>								Unknown	4	10.3%
									West	6	15.4%
									<b>TOTAL:</b>	<b>39</b>	

### Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2960514.987 : YCoordinate 1820112.654 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
15	0	0	0	0	15	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	13.3%	Monday	2	13.3%	03 AM	1	6.7%	Bus 9 to 15 seats	1	3.3%
Front to Rear	8	53.3%	Tuesday	2	13.3%	04 AM	1	6.7%	Bus over 15 seats	1	3.3%
Sideswipe Same Direction	1	6.7%	Wednesday	2	13.3%	09 AM	3	20.0%	Other Vehicle With Trailer	1	3.3%
Turning	4	26.7%	Thursday	3	20.0%	10 AM	1	6.7%	Passenger	18	60.0%
<b>TOTAL:</b>	<b>15</b>		Friday	1	6.7%	11 AM	1	6.7%	SUV	7	23.3%
			Saturday	3	20.0%	3 PM	4	26.7%	Unknown	2	6.7%
			Sunday	2	13.3%	4 PM	1	6.7%	<b>TOTAL:</b>	<b>30</b>	
			<b>TOTAL:</b>	<b>15</b>		5 PM	1	6.7%			
						6 PM	1	6.7%			
						7 PM	1	6.7%			
						<b>TOTAL:</b>	<b>15</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	13	86.7%	Darkness, Lighted Road	3	20.0%	Dry	10	66.7%	East	5	16.7%
Snow	1	6.7%	Daylight	10	66.7%	Ice	1	6.7%	North	11	36.7%
Unknown	1	6.7%	Dusk	1	6.7%	Snow or Slush	2	13.3%	South	8	26.7%
<b>TOTAL:</b>	<b>15</b>		Unknown	1	6.7%	Unknown	1	6.7%	West	6	20.0%
			<b>TOTAL:</b>	<b>15</b>		Wet	1	6.7%	<b>TOTAL:</b>	<b>30</b>	
						<b>TOTAL:</b>	<b>15</b>				

### Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2960514.987 : YCoordinate 1820112.654 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>16</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>10</u>	<u>0</u>	<u>10</u>	<u>1</u>	<u>2</u>	<u>7</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	12.5%	Tuesday	1	6.3%	03 AM	1	6.3%	Bus 9 to 15 seats	1	2.9%
Front to Rear	3	18.8%	Wednesday	6	37.5%	05 AM	1	6.3%	Other	1	2.9%
Sideswipe Same Direction	1	6.3%	Thursday	4	25.0%	06 AM	2	12.5%	Passenger	27	79.4%
Turning	10	62.5%	Friday	4	25.0%	07 AM	1	6.3%	Pickup	2	5.9%
<b>TOTAL:</b>	<b>16</b>		Sunday	1	6.3%	09 AM	3	18.8%	SUV	1	2.9%
			<b>TOTAL:</b>	<b>16</b>		10 AM	1	6.3%	Tractor With Semi-Trailer	1	2.9%
						Noon	1	6.3%	Unknown	1	2.9%
						1 PM	1	6.3%	<b>TOTAL:</b>	<b>34</b>	
						2 PM	2	12.5%			
						3 PM	1	6.3%			
						5 PM	1	6.3%			
						8 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, Lighted Road	4	25.0%	Dry	12	75.0%	East	3	8.8%
Rain	2	12.5%	Daylight	11	68.8%	Other	1	6.3%	North	12	35.3%
Snow	1	6.3%	Dusk	1	6.3%	Snow or Slush	1	6.3%	Northeast	3	8.8%
<b>TOTAL:</b>	<b>16</b>		<b>TOTAL:</b>	<b>16</b>					Northwest	2	5.9%

### Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2960514.987 : YCoordinate 1820112.654 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>12</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>8</u>	<u>0</u>	<u>8</u>	<u>1</u>	<u>3</u>	<u>4</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	7	58.3%	Monday	1	8.3%	01 AM	1	8.3%	Passenger	21	84.0%
Pedestrian	1	8.3%	Tuesday	1	8.3%	05 AM	1	8.3%	Pickup	1	4.0%
Sideswipe Same Direction	1	8.3%	Wednesday	1	8.3%	06 AM	1	8.3%	SUV	3	12.0%
Turning	3	25.0%	Thursday	2	16.7%	08 AM	1	8.3%	<b>TOTAL:</b>	<b>25</b>	
<b>TOTAL:</b>	<b>12</b>		Friday	4	33.3%	Noon	1	8.3%			
			Saturday	1	8.3%	2 PM	1	8.3%			
			Sunday	2	16.7%	3 PM	2	16.7%			
			<b>TOTAL:</b>	<b>12</b>		4 PM	1	8.3%			
						6 PM	2	16.7%			
						8 PM	1	8.3%			
						<b>TOTAL:</b>	<b>12</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	10	83.3%	Darkness, Lighted Road	4	33.3%	Dry	10	83.3%	East	4	16.0%
Snow	2	16.7%	Daylight	8	66.7%	Snow or Slush	2	16.7%	North	8	32.0%
<b>TOTAL:</b>	<b>12</b>		<b>TOTAL:</b>	<b>12</b>		<b>TOTAL:</b>	<b>12</b>		Northeast	1	4.0%
									Northwest	1	4.0%
									South	7	28.0%



### Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2960514.987 : YCoordinate 1820112.654 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
5	0	0	0	1	4	0	2	0	0	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	20.0%	Monday	2	40.0%	03 AM	1	20.0%	Passenger	8	72.7%
Fixed Object	1	20.0%	Tuesday	1	20.0%	09 AM	1	20.0%	SUV	1	9.1%
Front to Rear	2	40.0%	Thursday	1	20.0%	Noon	1	20.0%	Van/Mini-Van	2	18.2%
Turning	1	20.0%	Saturday	1	20.0%	5 PM	1	20.0%	<b>TOTAL:</b>	<b>11</b>	
<b>TOTAL:</b>	<b>5</b>		<b>TOTAL:</b>	<b>5</b>		8 PM	1	20.0%			
						<b>TOTAL:</b>	<b>5</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	100.0%	Darkness	2	40.0%	Dry	5	100.0%	East	4	36.4%
<b>TOTAL:</b>	<b>5</b>		Daylight	3	60.0%	<b>TOTAL:</b>	<b>5</b>		North	1	9.1%
			<b>TOTAL:</b>	<b>5</b>					South	1	9.1%
									West	5	45.5%
									<b>TOTAL:</b>	<b>11</b>	

### Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2960514.987 : YCoordinate 1820112.654 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>10</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>9</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	2	20.0%	Monday	2	20.0%	01 AM	1	10.0%	Passenger	12	66.7%
Front to Rear	4	40.0%	Tuesday	1	10.0%	09 AM	1	10.0%	Pickup	3	16.7%
Turning	4	40.0%	Friday	3	30.0%	10 AM	1	10.0%	SUV	2	11.1%
<b>TOTAL:</b>	<b>10</b>		Saturday	3	30.0%	11 AM	1	10.0%	Van/Mini-Van	1	5.6%
			Sunday	1	10.0%	Noon	1	10.0%	<b>TOTAL:</b>	<b>18</b>	
			<b>TOTAL:</b>	<b>10</b>		2 PM	1	10.0%			
						3 PM	1	10.0%			
						7 PM	2	20.0%			
						11 PM	1	10.0%			
						<b>TOTAL:</b>	<b>10</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	70.0%	Darkness	2	20.0%	Dry	7	70.0%	East	2	11.1%
Cloudy/Overcast	1	10.0%	Darkness, Lighted Road	2	20.0%	Snow or Slush	1	10.0%	North	4	22.2%
Rain	1	10.0%	Daylight	6	60.0%	Wet	2	20.0%	Northeast	1	5.6%
Snow	1	10.0%	<b>TOTAL:</b>	<b>10</b>		<b>TOTAL:</b>	<b>10</b>		Northwest	1	5.6%
<b>TOTAL:</b>	<b>10</b>								South	7	38.9%
									West	3	16.7%
									<b>TOTAL:</b>	<b>18</b>	

### Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2960514.987 : YCoordinate 1820112.654 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
5	0	0	1	0	4	0	1	0	1	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	1	20.0%	Tuesday	2	40.0%	06 AM	1	20.0%	Passenger	7	70.0%
Turning	4	80.0%	Wednesday	1	20.0%	1 PM	1	20.0%	Pickup	2	20.0%
<b>TOTAL:</b>	<b>5</b>		Thursday	1	20.0%	5 PM	1	20.0%	SUV	1	10.0%
			Friday	1	20.0%	8 PM	1	20.0%	<b>TOTAL:</b>	<b>10</b>	
			<b>TOTAL:</b>	<b>5</b>		11 PM	1	20.0%			
						<b>TOTAL:</b>	<b>5</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Blowing Snow	1	20.0%	Darkness	1	20.0%	Snow or Slush	3	60.0%	East	4	40.0%
Clear	1	20.0%	Darkness, Lighted Road	2	40.0%	Wet	2	40.0%	North	2	20.0%
Freezing Rain	1	20.0%	Dawn	1	20.0%	<b>TOTAL:</b>	<b>5</b>		South	1	10.0%
Rain	1	20.0%	Daylight	1	20.0%				Southwest	2	20.0%
Snow	1	20.0%	<b>TOTAL:</b>	<b>5</b>					West	1	10.0%
<b>TOTAL:</b>	<b>5</b>								<b>TOTAL:</b>	<b>10</b>	



### 3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Midlothian Tpke 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 2013-2015 shows the period prior to the installation of the RLR cameras.

The data from 2016 shows the year in which the cameras were installed.

The data from 2017-2020 shows the period following the installation.

	Direction	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
	Year						
Before Installation	2013	13,100	13,000	<b>34,000</b>	<b>44,200</b>	<b>104,300</b>	102,500
	2014	<b>16,000</b>	<b>12,000</b>	34,000	44,200	<b>106,200</b>	
	2015	16,000	12,000	<b>34,500</b>	<b>34,500</b>	<b>97,000</b>	
	2016	16,000	12,000	34,500	34,500	<b>97,000</b>	
After Installation	2017	16,000	12,000	<b>29,600</b>	<b>37,700</b>	<b>95,300</b>	95,425
	2018	<b>14,300</b>	<b>14,000</b>	29,600	37,700	<b>95,600</b>	
	2019	14,300	14,000	<b>31,200</b>	<b>35,900</b>	<b>95,400</b>	
	2020	14,300	14,000	31,200	35,900	<b>95,400</b>	

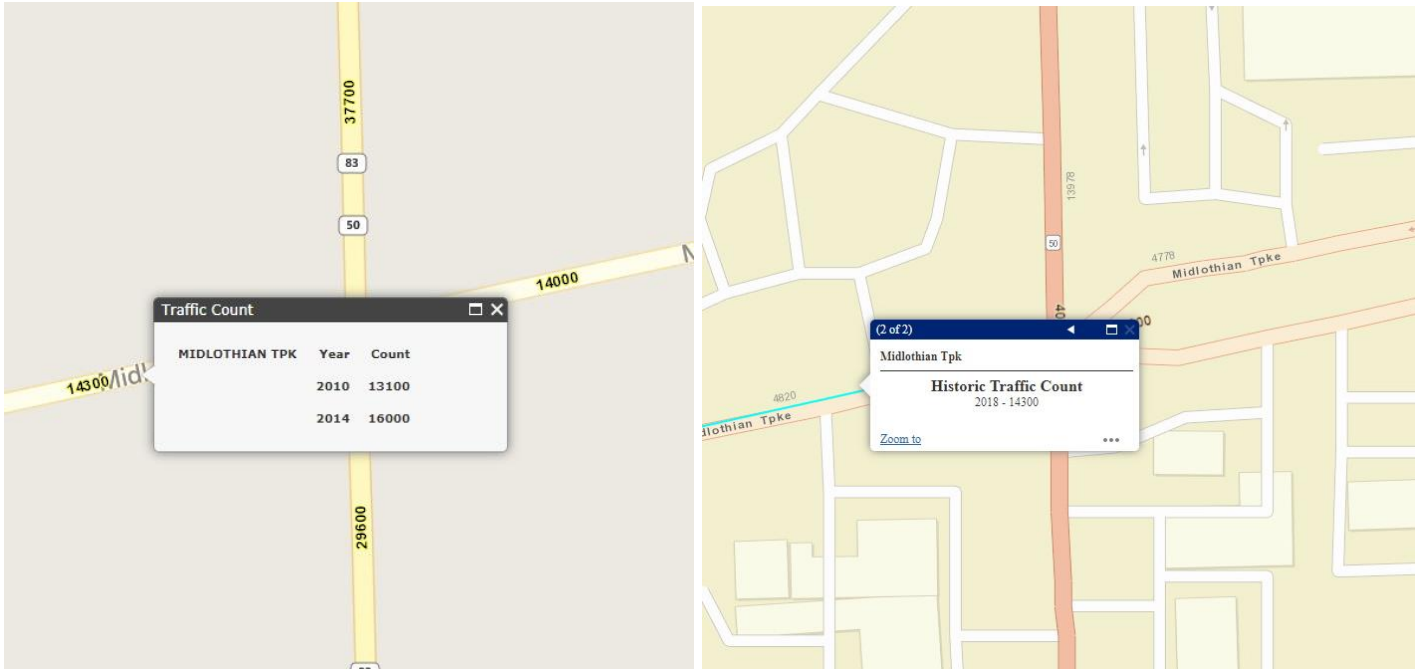
From 2013-2015, prior to RLR camera installation, the combined average of ADTC was 102,500.

From 2017-2020, post RLR camera installation, the combined average of ADTC was 95,425 - a reduction of 6.9%.

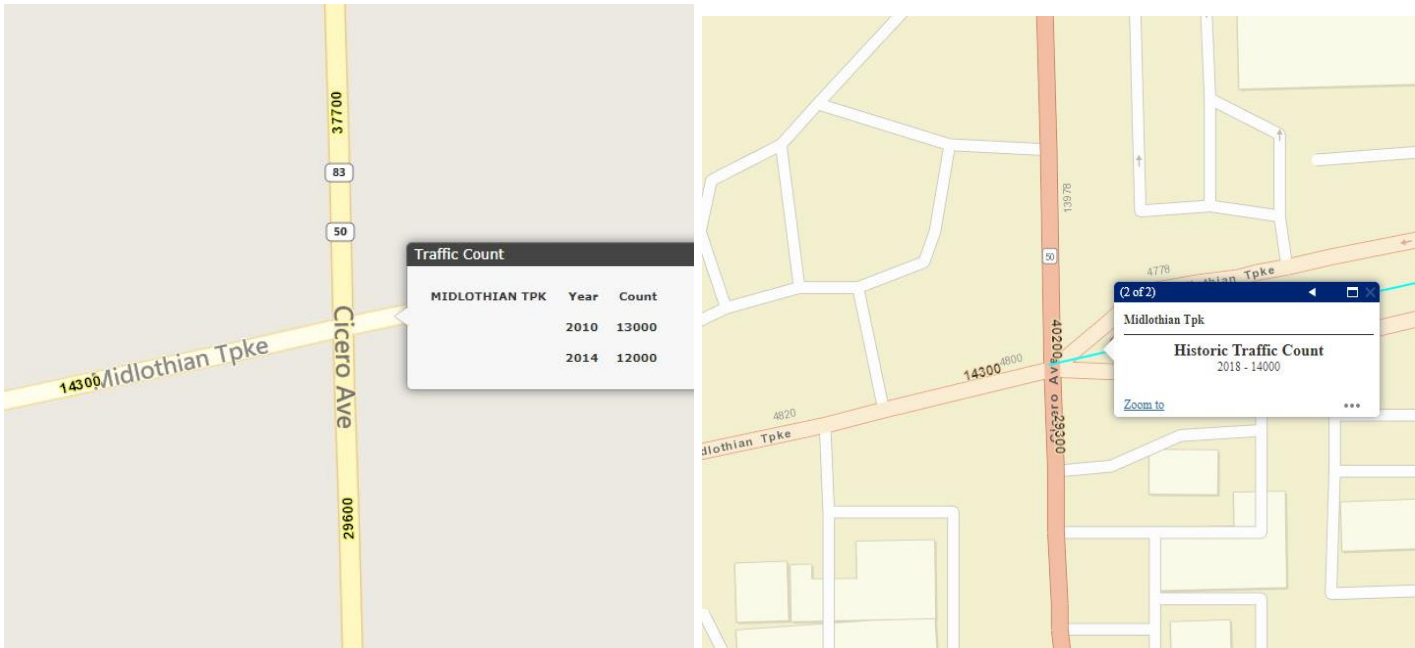
The following pages show the complete ADTC data from 2013-2020 obtained from the IDOT's website.

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

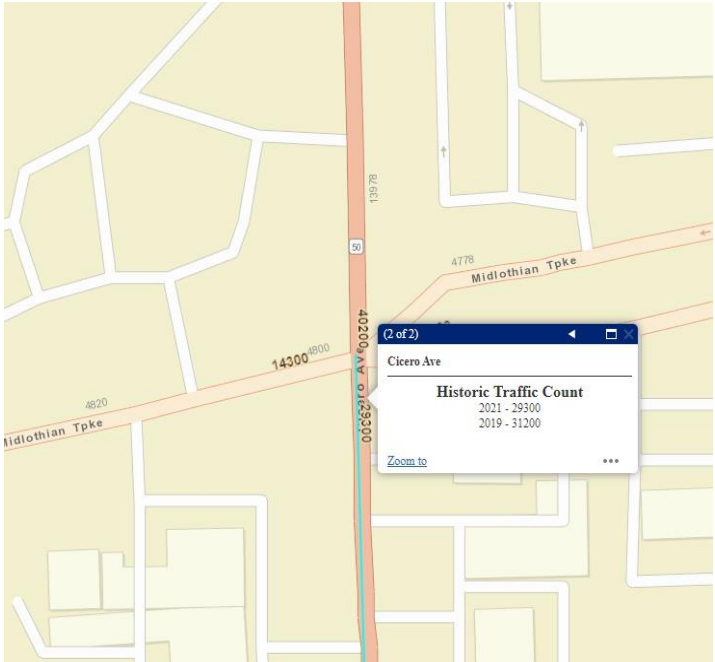
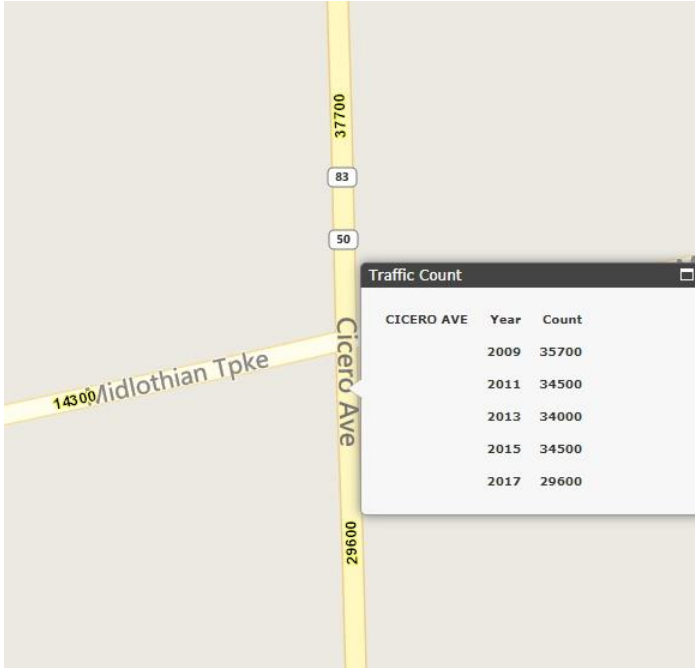
**Eastbound ADTC**



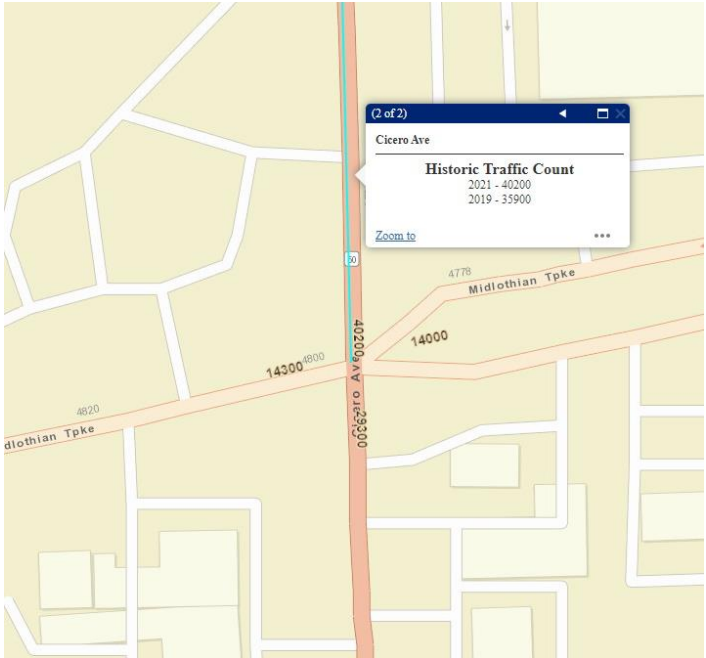
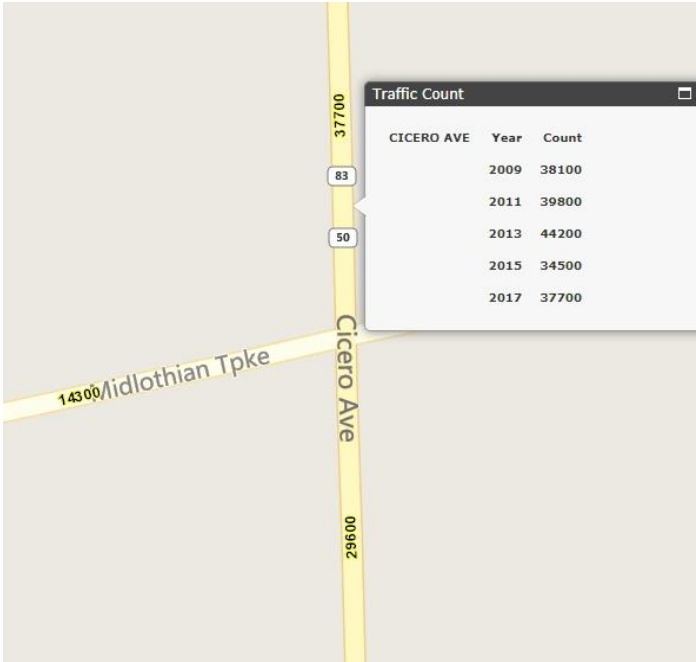
**Westbound ADTC**



# Northbound ADTC



# Southbound ADTC





## 4. Summary of Adjudication



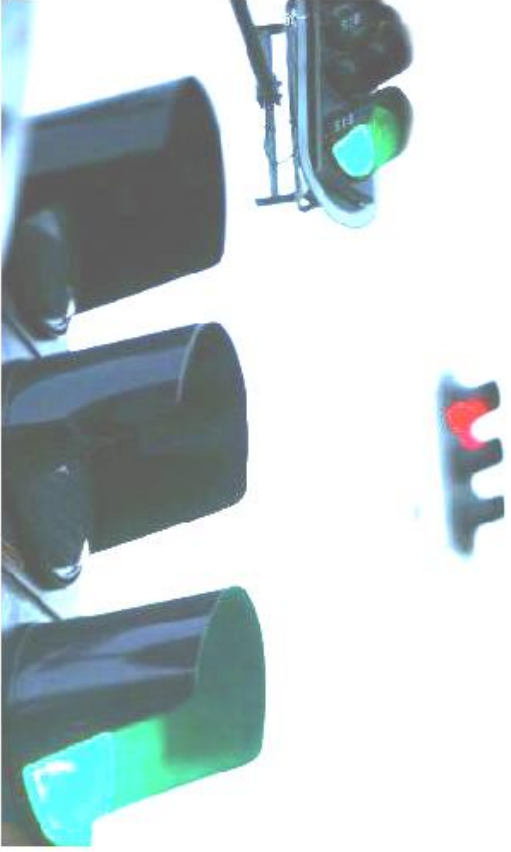


The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **Midlothian Tpke and Cicero Ave** from 2018 to 2020.

	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>In Person</b>	47	32	17
<b>By Mail</b>	27	32	17

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **Midlothian Tpke and Cicero Ave** from 2018 to 2020.

	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>In Person</b>	185	127	89
<b>By Mail</b>	133	117	84



## 5. Report Summary and Recommendation

The **Village of Crestwood** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Crestwood** 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 2013-2015, prior to RLR camera installation, the combined average of ADTC was 102,500. From 2017-2020, post RLR camera installation, the combined average of ADTC was 95,425 - a reduction of 6.9%. (See tab 3)

From 2012-2015, prior to RLR camera installation, there were 78 total crashes; this averages out to 19.5 crashes a year. From 2017-2020, post RLR camera installation, there were 32 total crashes; this averages out to 8 crashes per year - a 58.97% reduction of overall crashes in direct comparison with the time period aforementioned. (See tab 2)

Following the installation of the RLR camera, total crashes have gone down 58.97% with the reduction of 6.9% 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 Midlothian Tpke and Cicero Ave in the **Village of Crestwood** 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.