



Midlothian Tpke and Cicero Ave

<Northbound and Southbound>



Crestwood, IL RLR Follow-Up Evaluation Report

(Amendatory Act of the 103rd General Assembly)

Reference No: 016-65548

April 2024

VILLAGE OF CRESTWOOD POLICE DEPARTMENT

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

April 23, 2024

David T. Weigand
Chief of Police

Jonathan E. Karabowicz, P.E.
Acting 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
Midlothian Tpke and Cicero Ave (Northbound and Southbound)
Village of Crestwood
Ref #: 016-65548

Dear Mr. Karabowicz:

Please find enclosed a copy of the 1 Year RLR Follow-Up Evaluation Report for the intersection of Midlothian Tpke and Cicero Ave (Northbound and Southbound), Crestwood, Illinois.

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

Included in this submittal 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.

Best Regards,



David Weigand
Chief of Police

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.

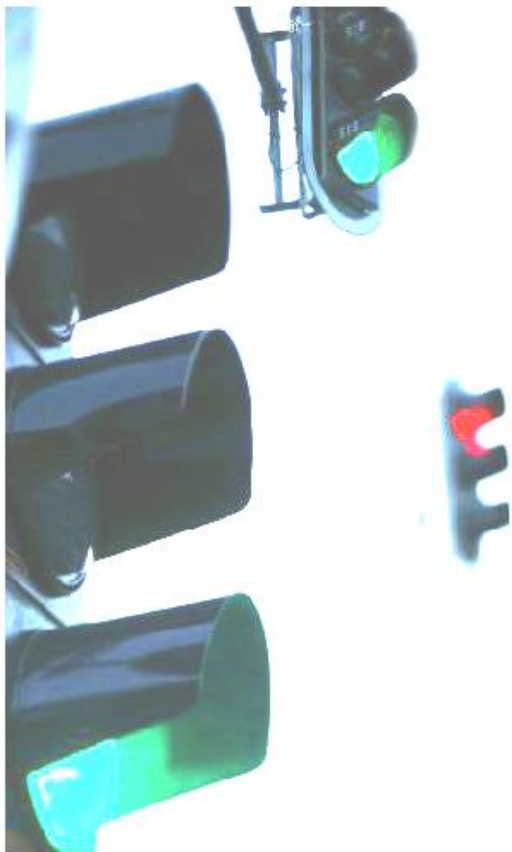
In 2016, the **Village of Crestwood** received approval from the Illinois Department of Transportation (IDOT) to install the current Red Light Running (RLR) cameras on the **Northbound and Southbound** approaches at the intersection of **Midlothian Tpke and Cicero Ave**.

- Date on which the cameras went live on the Northbound and Southbound approaches: **04/2016**
- Date on which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **11/2019**
- Date on which the 3 Year Follow-Up Evaluation Report was submitted to the IDOT: **05/2022**
- Date on which the cameras were deactivated and removed due to construction: **06/2023**

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 **Midlothian Tpke and Cicero Ave** over a span of 11 years*.

	Angle	Turning	Rear End	Pedestrian	Sideswipe	Fixed/Other Object	Overtuned	Total
2012	1	9	11	0	0	0	0	20
2013	0	11	11	0	0	1	0	23
2014	2	6	11	0	0	0	0	17
2015	2	4	8	0	1	0	0	13
2016	2	10	3	0	1	0	0	14
2017	0	3	7	1	1	0	0	12
2018	1	1	2	0	0	1	0	4
2019	0	4	4	0	0	2	0	10
2020	0	4	1	0	0	0	0	5
2021	0	2	2	0	0	0	1	5
2022	0	9	4	0	1	2	0	16

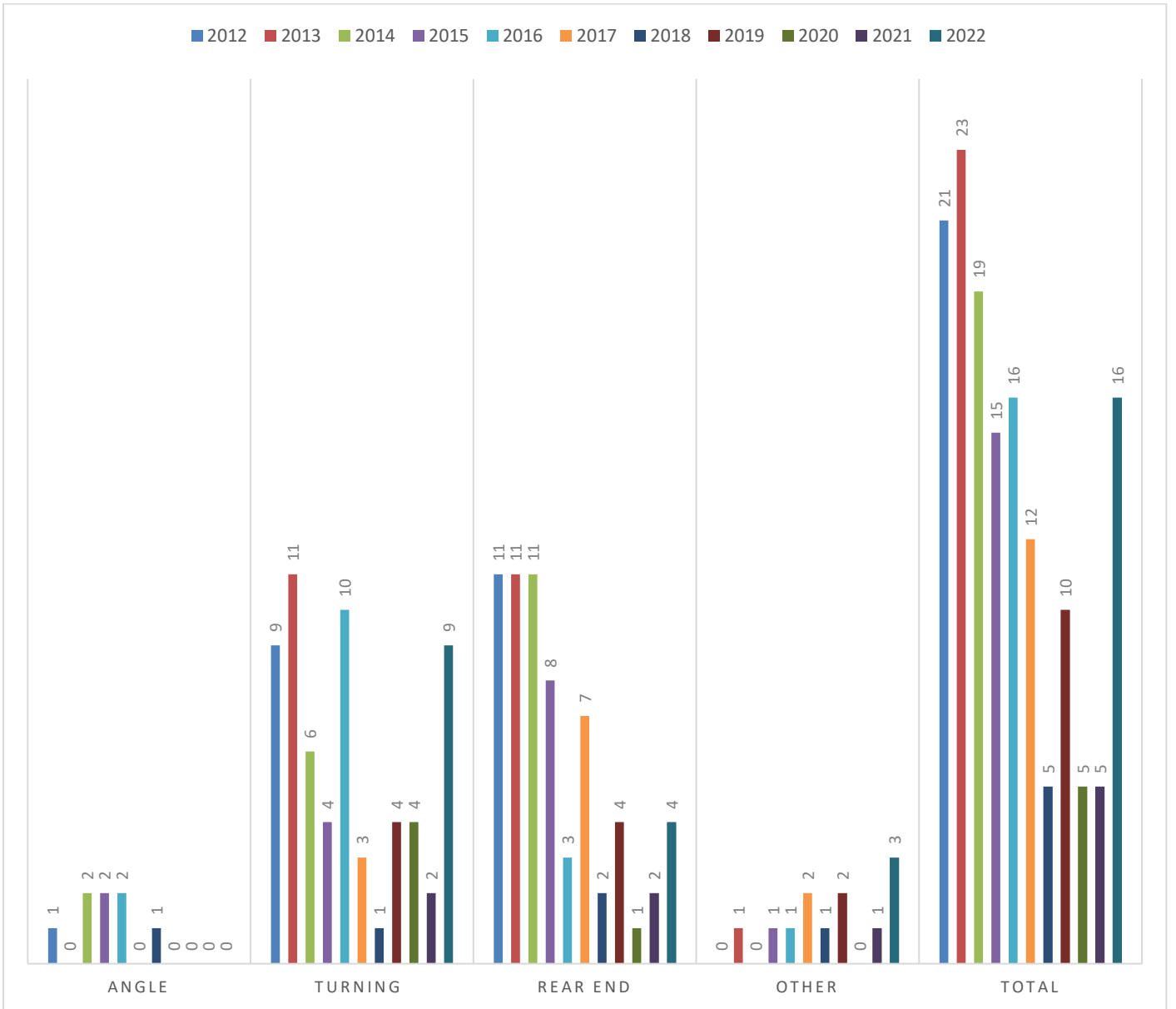
The data from 2012-2015 shows the period prior to the installation of the RLR cameras.

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

The data from 2017-2022 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 2012-2022.



	Year \ Type	Angle	Turning	Rear End	Other*	Total
Before Installation	2012	1	9	11	0	21
	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
	2018	1	1	2	1	5
	2019	0	4	4	2	10
	2020	0	4	1	0	5
	2021	0	2	2	1	5
	2022	0	9	4	3	16

* Other crashes include: Pedestrian, Sideswipe, Overturned, other 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 2017-2022, post RLR camera installation, there were 53 total crashes; this averages out to 8.83 crashes per year - a 54.7% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2012-2022. The complete crash data can be obtained by contacting the IDOT via 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%
TOTAL:	21		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%	TOTAL:	46	
			Sunday	3	14.3%	2 PM	1	4.8%			
			TOTAL:	21		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%			
						TOTAL:	21				

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%
TOTAL:	21		Dusk	1	4.8%	TOTAL:	21		South	9	19.6%
			TOTAL:	21					West	12	26.1%
									TOTAL:	46	

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%
TOTAL:	23		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%
			TOTAL:	23		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%	TOTAL:	52	
						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%			
						TOTAL:	23				

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%
						TOTAL:	23		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%
TOTAL:	19		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%	TOTAL:	39	
			TOTAL:	19		2 PM	3	15.8%			
						3 PM	1	5.3%			
						6 PM	1	5.3%			
						8 PM	3	15.8%			
						TOTAL:	19				
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%	TOTAL:	19		TOTAL:	19		South	16	41.0%
TOTAL:	19								Unknown	4	10.3%
									West	6	15.4%
									TOTAL:	39	

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%
TOTAL:	15		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%	TOTAL:	30	
			TOTAL:	15		5 PM	1	6.7%			
						6 PM	1	6.7%			
						7 PM	1	6.7%			
						TOTAL:	15				

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%
TOTAL:	15		Unknown	1	6.7%	Unknown	1	6.7%	West	6	20.0%
			TOTAL:	15		Wet	1	6.7%	TOTAL:	30	
						TOTAL:	15				

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%
TOTAL:	16		Sunday	1	6.3%	09 AM	3	18.8%	SUV	1	2.9%
			TOTAL:	16		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%	TOTAL:	34	
						2 PM	2	12.5%			
						3 PM	1	6.3%			
						5 PM	1	6.3%			
						8 PM	1	6.3%			
						TOTAL:	16				

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%
TOTAL:	16		TOTAL:	16					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%	TOTAL:	25	
TOTAL:	12		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%			
			TOTAL:	12		4 PM	1	8.3%			
						6 PM	2	16.7%			
						8 PM	1	8.3%			
						TOTAL:	12				

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%
TOTAL:	12		TOTAL:	12		TOTAL:	12		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%	TOTAL:	11	
TOTAL:	5		TOTAL:	5		8 PM	1	20.0%			
						TOTAL:	5				

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%
TOTAL:	5		Daylight	3	60.0%	TOTAL:	5		North	1	9.1%
			TOTAL:	5					South	1	9.1%
									West	5	45.5%
									TOTAL:	11	

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%
TOTAL:	10		Saturday	3	30.0%	11 AM	1	10.0%	Van/Mini-Van	1	5.6%
			Sunday	1	10.0%	Noon	1	10.0%	TOTAL:	18	
			TOTAL:	10		2 PM	1	10.0%			
						3 PM	1	10.0%			
						7 PM	2	20.0%			
						11 PM	1	10.0%			
						TOTAL:	10				
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%	TOTAL:	10		TOTAL:	10		Northwest	1	5.6%
TOTAL:	10								South	7	38.9%
									West	3	16.7%
									TOTAL:	18	

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%
TOTAL:	5		Thursday	1	20.0%	5 PM	1	20.0%	SUV	1	10.0%
			Friday	1	20.0%	8 PM	1	20.0%	TOTAL:	10	
			TOTAL:	5		11 PM	1	20.0%			
						TOTAL:	5				
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%	TOTAL:	5		South	1	10.0%
Rain	1	20.0%	Daylight	1	20.0%				Southwest	2	20.0%
Snow	1	20.0%	TOTAL:	5					West	1	10.0%
TOTAL:	5								TOTAL:	10	

Coordinate Collision Diagram Report

1/1/2021 to 12/31/2021

For XCoordinate 2960516.643 : YCoordinate 1820111.826 | 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
5	0	0	2	1	2	0	4	0	2	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	2	40.0%	Thursday	1	20.0%	10 AM	1	20.0%	Motorcycle	2	15.4%
Overtaken	1	20.0%	Saturday	4	80.0%	3 PM	1	20.0%	Passenger	8	61.5%
Turning	2	40.0%	TOTAL:	5		5 PM	1	20.0%	SUV	2	15.4%
TOTAL:	5					7 PM	2	40.0%	Van/Mini-Van	1	7.7%
						TOTAL:	5		TOTAL:	13	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	100.0%	Darkness	1	20.0%	Dry	5	100.0%	East	3	23.1%
TOTAL:	5		Darkness, Lighted Road	1	20.0%	TOTAL:	5		Northwest	2	15.4%
			Daylight	2	40.0%				South	7	53.8%
			Dusk	1	20.0%				West	1	7.7%
			TOTAL:	5					TOTAL:	13	

Coordinate Collision Diagram Report

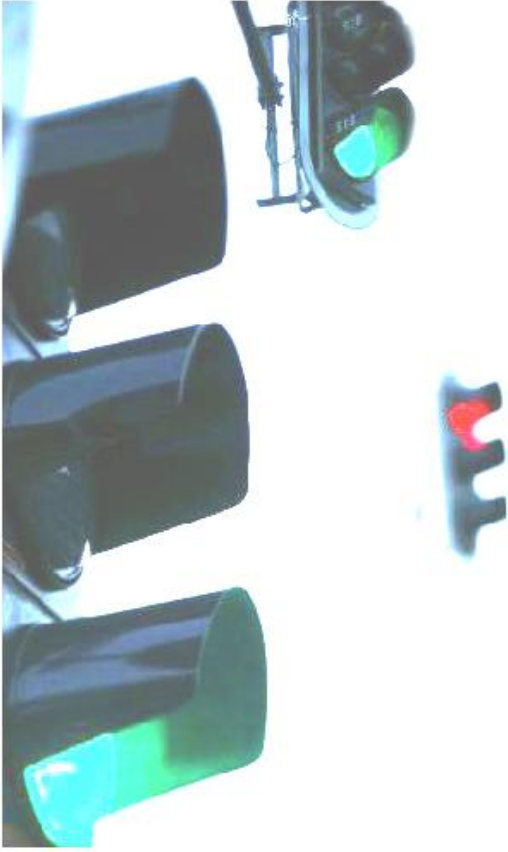
1/1/2022 to 12/31/2022

For XCoordinate 2960516.606 : YCoordinate 1820113.566 | 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>2</u>	<u>2</u>	<u>1</u>	<u>11</u>	<u>0</u>	<u>7</u>	<u>2</u>	<u>3</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Fixed Object	1	6.3%	Monday	2	12.5%	01 AM	1	6.3%	Passenger	21	70.0%
Front to Rear	4	25.0%	Tuesday	4	25.0%	06 AM	2	12.5%	Pickup	3	10.0%
Other Object	1	6.3%	Thursday	2	12.5%	09 AM	1	6.3%	SUV	4	13.3%
Sideswipe Same Direction	1	6.3%	Friday	4	25.0%	11 AM	2	12.5%	Unknown	1	3.3%
Turning	9	56.3%	Saturday	1	6.3%	Noon	1	6.3%	Van/Mini-Van	1	3.3%
TOTAL:	16		Sunday	3	18.8%	1 PM	2	12.5%	TOTAL:	30	
			TOTAL:	16		3 PM	2	12.5%			
						8 PM	1	6.3%			
						9 PM	1	6.3%			
						10 PM	1	6.3%			
						11 PM	2	12.5%			
						TOTAL:	16				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	15	93.8%	Darkness	1	6.3%	Dry	15	93.8%	East	6	20.0%
Sleet/Hail	1	6.3%	Darkness, Lighted Road	6	37.5%	Snow or Slush	1	6.3%	North	4	13.3%
TOTAL:	16		Daylight	9	56.3%	TOTAL:	16		Northeast	2	6.7%
			TOTAL:	16					South	9	30.0%
									Southwest	2	6.7%



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 10 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 2017-2022 shows the period following the installation.

	Direction	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
	Year						
Before Installation	2013	13,100	13,000	34,000	44,200	104,300	102,500
	2014	16,000	12,000	34,000	44,200	106,200	
	2015	16,000	12,000	34,500	34,500	97,000	
	2016	16,000	12,000	34,500	34,500	97,000	
After Installation	2017	16,000	12,000	29,600	37,700	95,300	95,783
	2018	14,300	14,000	29,600	37,700	95,600	
	2019	14,300	14,000	31,200	35,900	95,400	
	2020	14,300	14,000	31,200	35,900	95,400	
	2021	14,300	14,000	29,300	40,200	97,800	
	2022	14,300	11,400	29,300	40,200	95,200	

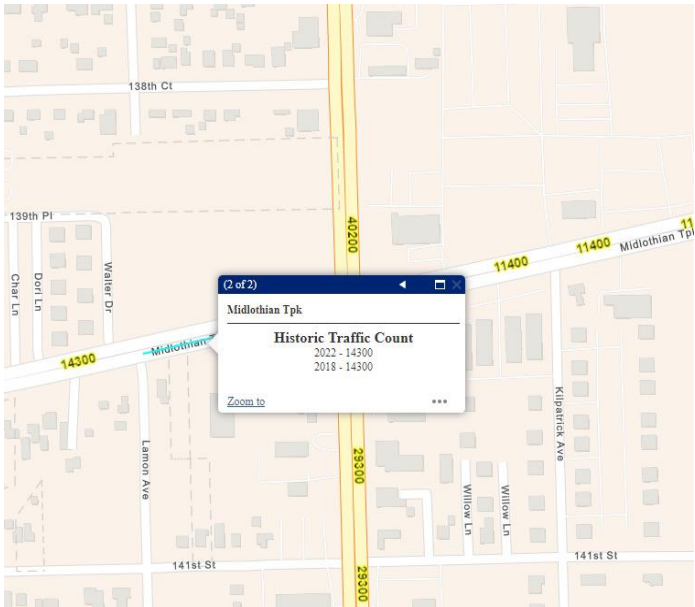
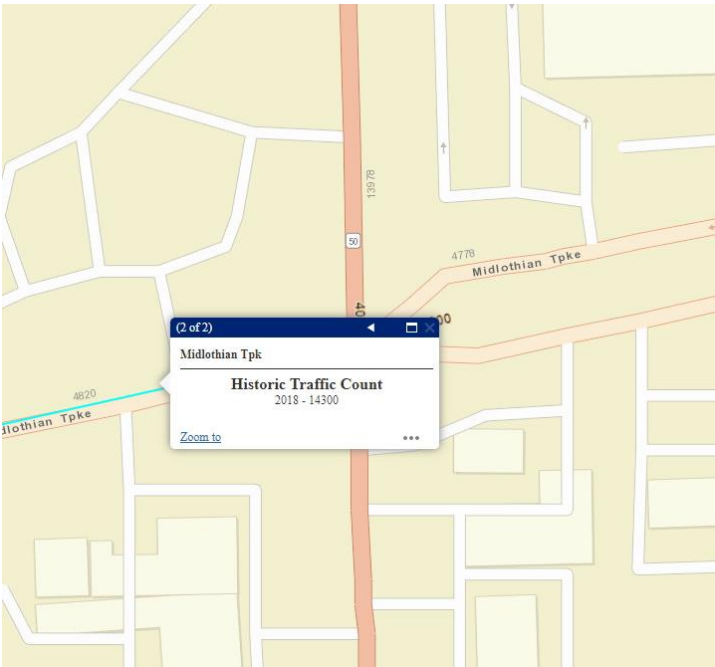
From 2013-2015, prior to RLR camera installation, the combined average of ADTC was 102,500.

From 2017-2022, post RLR camera installation, the combined average of ADTC was 95,783 - a reduction of 6.55%.

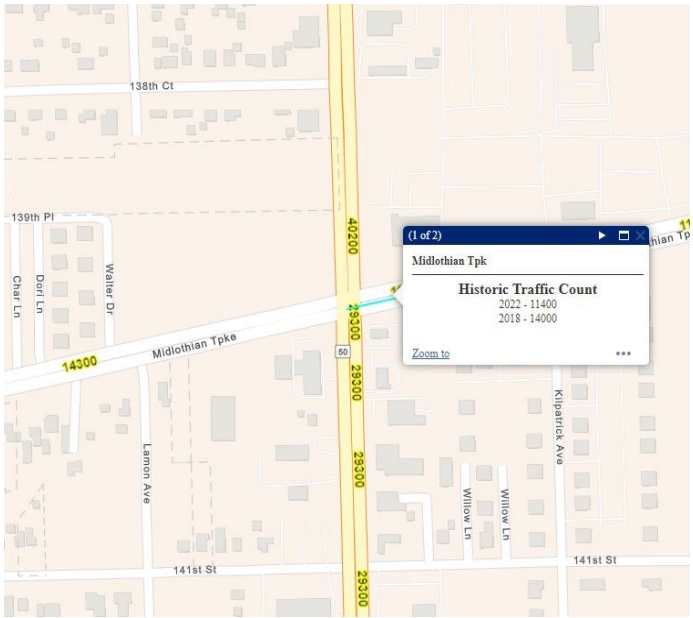
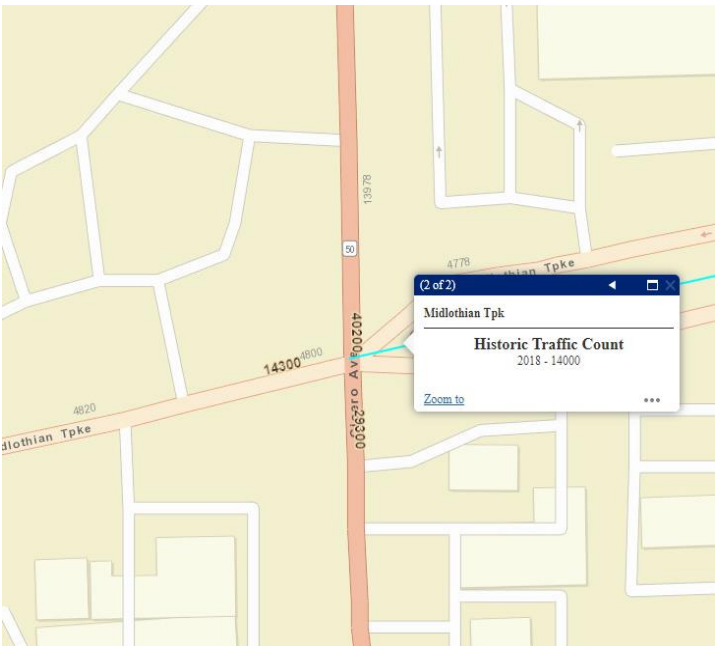
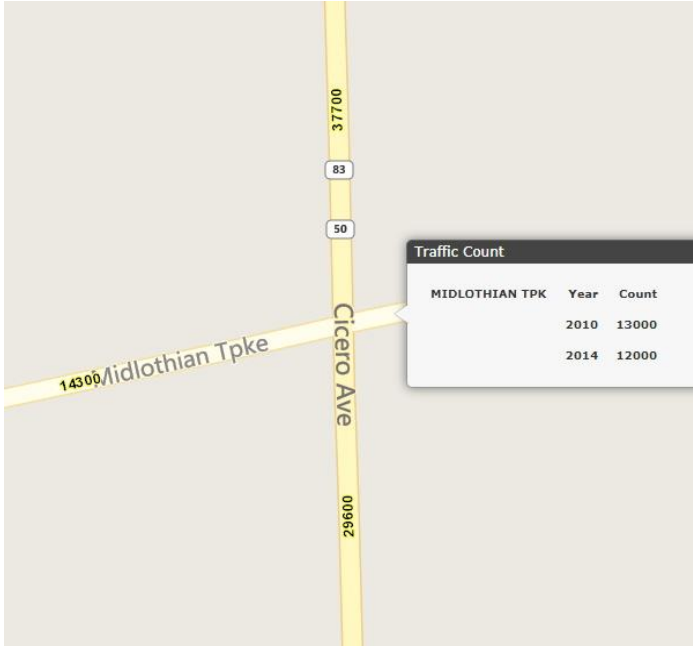
The following pages show the complete ADTC data from 2013-2022 obtained from the IDOT's website.

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.

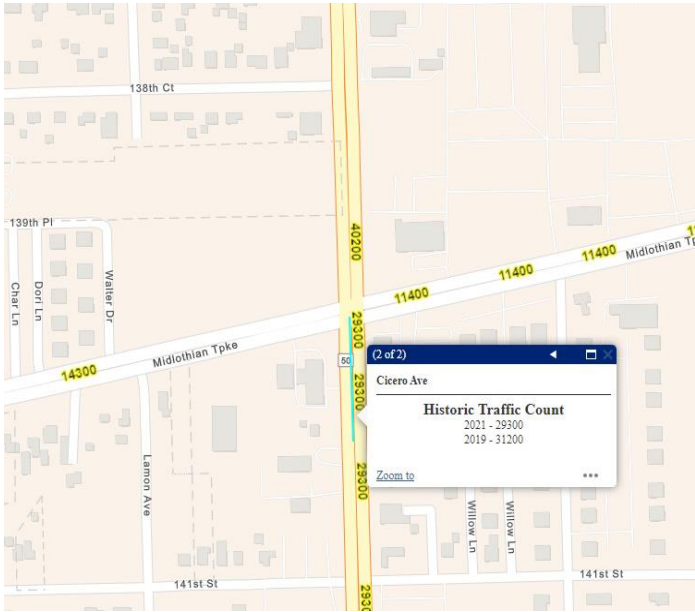
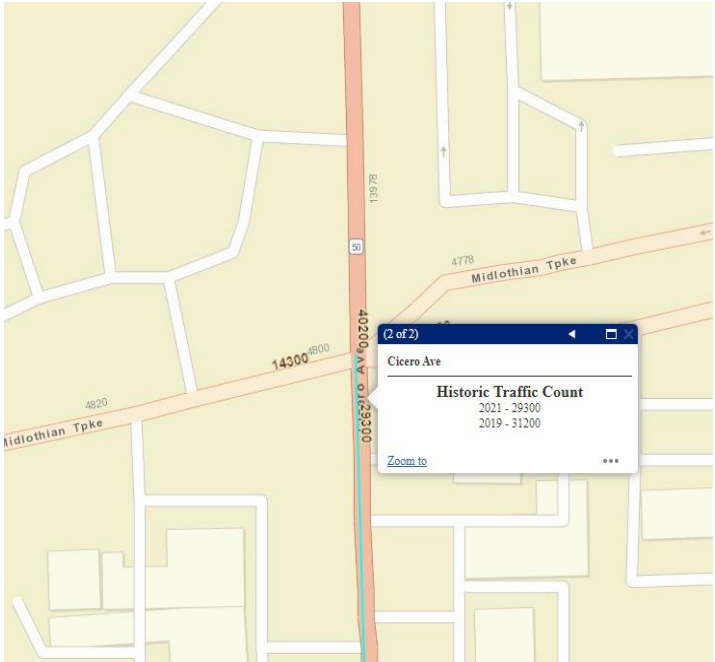
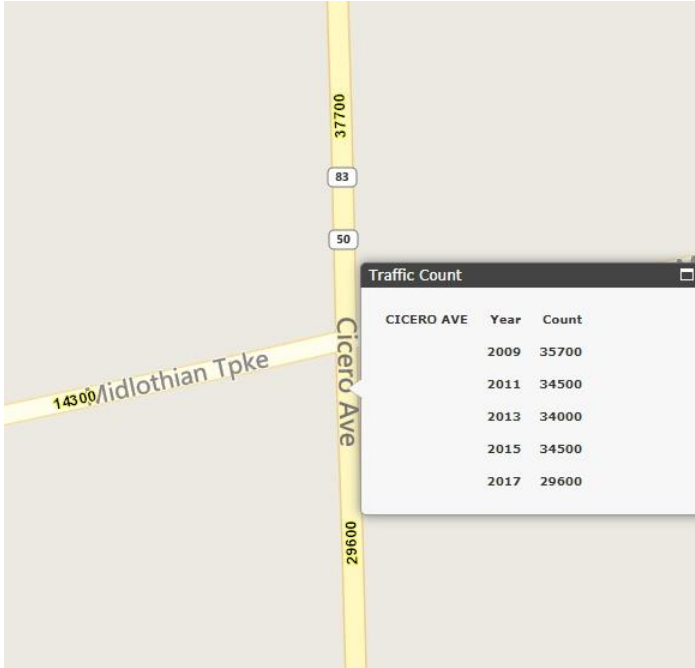
Eastbound ADTC



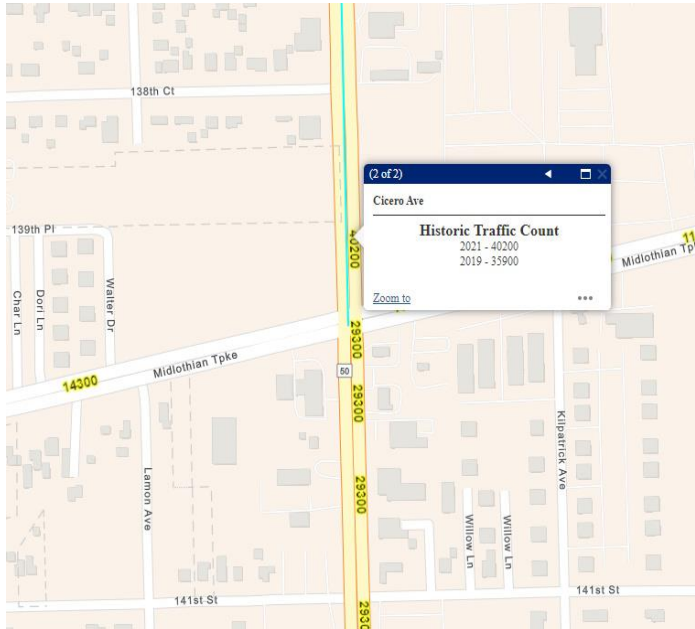
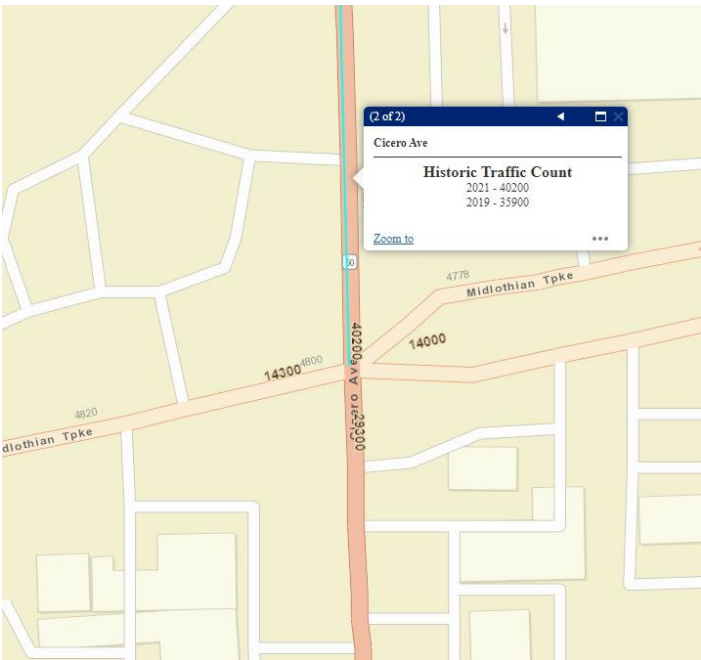
Westbound ADTC



Northbound ADTC



Southbound ADTC





4. Summary of Adjudication



The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **Midlothian Tpke and Cicero Ave** from 2021 to 2022.

	2021	2022
In Person	29	29
By Mail	29	21

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **Midlothian Tpke and Cicero Ave** from 2021 to 2022.

	2021	2022
In Person	118	153
By Mail	77	107



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 2017-2022, post RLR camera installation, the combined average of ADTC was 95,783 - a reduction of 6.55%. (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 2017-2022, post RLR camera installation, there were 53 total crashes; this averages out to 8.83 crashes per year - a 54.7% 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 54.7% with the reduction of 6.55% in the combined average of ADTC.

After analyzing all of the available data, we believe that the RLR cameras in operation at the intersection of Midlothian Tpke and Cicero Ave in the **Village of Crestwood** were making a contribution toward improving traffic safety. Though, the cameras have been deactivated and removed since June 2023 due to a major road way improvement. As soon as the current construction is completed, the **Village of Crestwood** will apply for reactivation/reinstallation permit to regain those benefits.

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.