



Lincoln Hwy and Governor's Hwy

<Eastbound, Northbound and Southbound>



Matteson, IL

RLR 3 Year Follow-Up

Evaluation Report

Reference No: 016-64982

May 2022



Michael B. Jones
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
Lincoln Highway and Governors Highway
Village of Matteson
Ref #: 016-64982

Dear Mr. Gallenbach:

Please find enclosed a copy of the 3-Year RLR Follow-Up Evaluation Report for the intersection of Lincoln Highway and Governors Highway, Matteson, 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 regards to this submittal or require any additional information, please feel free to contact us at 708-748-4085, mjones@villageofmatteson.org.

Best Regards,

A handwritten signature in blue ink, appearing to read "Michael Jones", is written over a horizontal line.

On behalf of the Village of Matteson
Michael Jones
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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System Manufacturer and Contractors
2. RLR Crash Data and Analysis
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1. RLR Camera Location, Live Date, System Manufacturer and Contractor

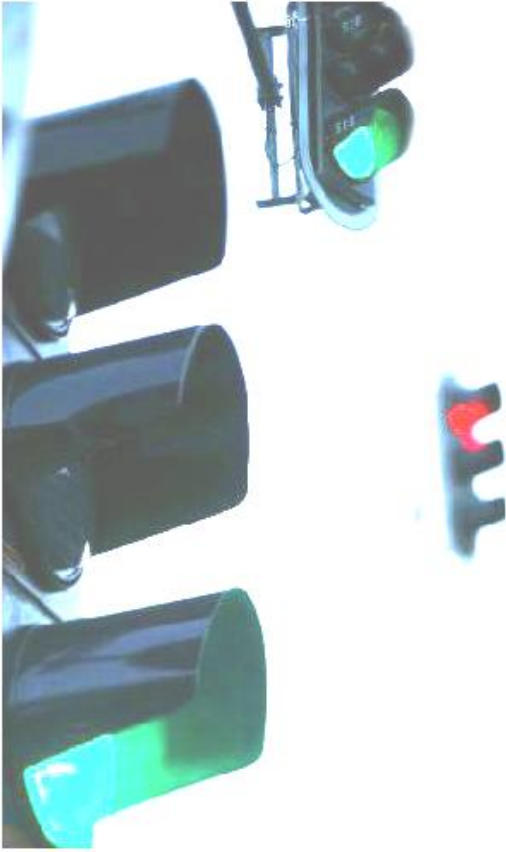
In 2016, the **Village of Matteson** received approval from the Illinois Department of Transportation (IDOT) to install the current Red Light Running (RLR) cameras on the **Eastbound, Northbound and Southbound** approaches at the intersection of **Lincoln Hwy and Governor's Hwy**.

- Date on which the cameras went live on the Eastbound, Northbound and Southbound approaches: **09/2016**
- 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>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 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 **Lincoln Hwy and Governor's Hwy** over a span of 10 years*.

	Angle	Turning	Rear End	Pedestrian	Sideswipe	Fixed/Other Object	Total
2011	1	11	13	0	2	1	28
2012	1	3	14	0	0	1	19
2013	3	2	12	1	0	2	20
2014	0	5	16	0	0	0	21
2015	3	9	13	0	4	0	29
2016	1	14	21	0	4	0	40
2017	4	8	11	0	2	0	25
2018	0	5	15	0	2	0	22
2019	1	10	15	0	4	3	33
2020	4	6	16	0	2	3	31

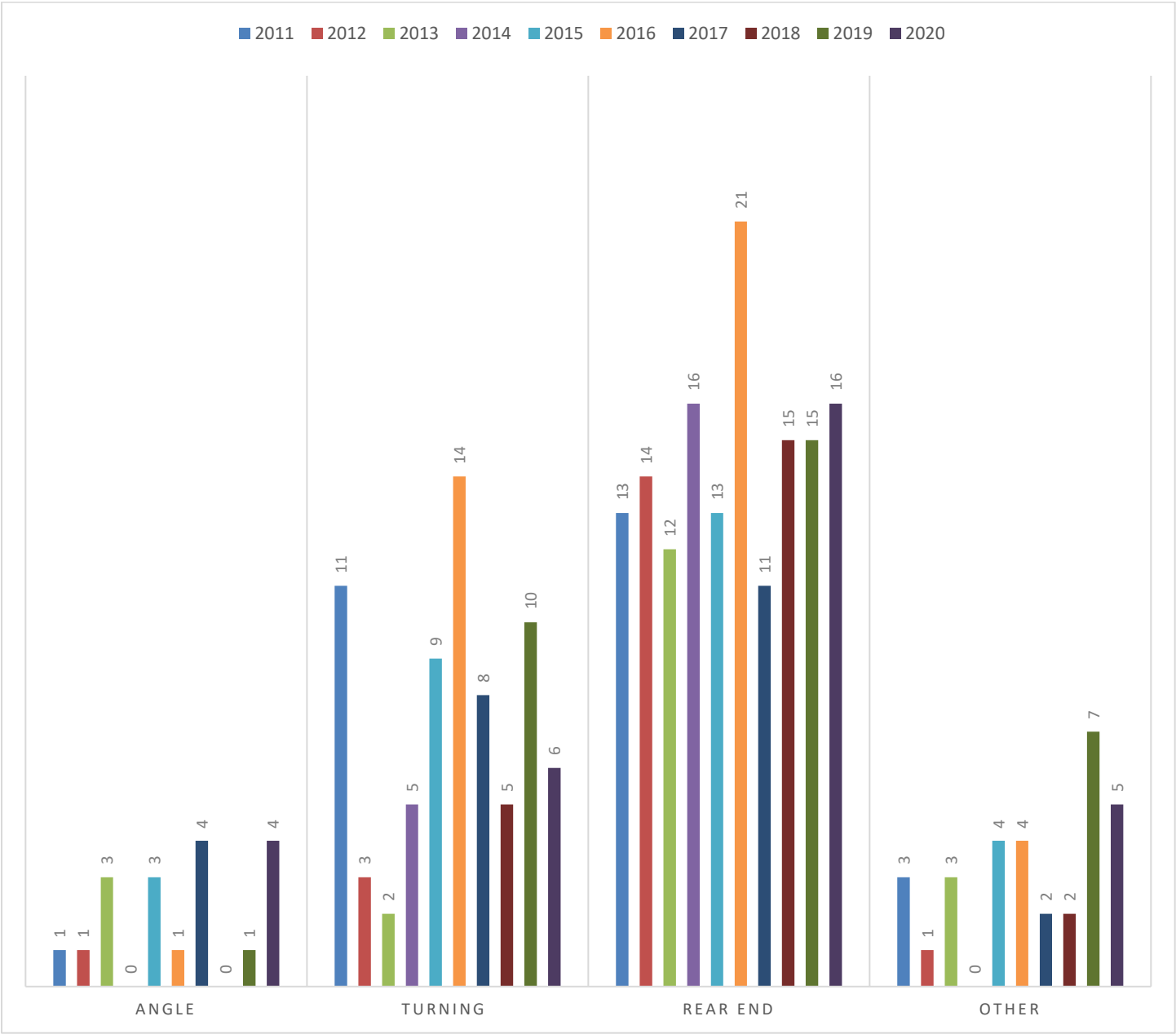
The data from 2011-2015 shows the period prior to the installation of the RLR cameras.

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 2011-2020.



	Year \ Direction*	East	West	North	South	Other**	% of East, North and South	Yearly Average
Before Installation	2011	9	9	16	19	2	80.00%	68.57%
	2012	13	9	12	4	2	72.50%	
	2013	8	13	9	8	3	60.98%	
	2014	13	7	13	4	8	66.67%	
	2015	15	12	9	13	10	62.71%	
	2016	13	19	20	25	8	68.24%	
After Installation	2017	13	23	13	3	2	53.70%	64.62%
	2018	11	20	9	4	3	51.06%	
	2019	21	10	17	13	6	76.12%	
	2020	20	10	13	19	5	77.61%	

*Direction of travel prior to the crash for each unit.

**Other Directions - Northeast, Northwest, Southeast, Southwest and unknown.

From 2011-2015, prior to RLR camera installation, on average, 68.57% of all vehicles involved in the crashes were traveling East, North or South each year.

From 2017-2020, post RLR camera installation, on average, 64.62% of all vehicles involved in the crashes were traveling East, North or South each year – a 3.95% reduction in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2011-2020. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.



Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: US030 | From MileStation 142.45 to 142.45 | 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>28</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>6</u>	<u>19</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>7</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	3.6%	Monday	6	21.4%	02 AM	1	3.6%	Bus Over 15 Passengers	1	1.8%
Fixed Object	1	3.6%	Tuesday	5	17.9%	05 AM	1	3.6%	Passenger	41	74.5%
Rear End	13	46.4%	Wednesday	2	7.1%	07 AM	1	3.6%	Pickup	4	7.3%
Sideswipe Same Direction	2	7.1%	Thursday	6	21.4%	08 AM	1	3.6%	SUV	5	9.1%
Turning	11	39.3%	Friday	6	21.4%	09 AM	1	3.6%	Van/Mini-Van	4	7.3%
TOTAL:	28		Saturday	2	7.1%	10 AM	3	10.7%	TOTAL:	55	
			Sunday	1	3.6%	11 AM	1	3.6%			
			TOTAL:	28		Noon	1	3.6%			
					1 PM	1	3.6%				
					2 PM	3	10.7%				
					4 PM	4	14.3%				
					5 PM	2	7.1%				
					6 PM	2	7.1%				
					7 PM	2	7.1%				
					8 PM	1	3.6%				
					9 PM	1	3.6%				
					10 PM	1	3.6%				
					11 PM	1	3.6%				
					TOTAL:	28					



Collision Diagram

1/1/2011 to 12/31/2011

Crash Route: US030 | From MileStation 142.45 to 142.45 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	23	82.1%	Darkness	1	3.6%	Dry	21	75.0%	East	9	16.4%
Other	1	3.6%	Darkness, Lighted Road	9	32.1%	Snow or Slush	1	3.6%	North	16	29.1%
Rain	4	14.3%	Dawn	1	3.6%	Unknown	1	3.6%	Northwest	1	1.8%
TOTAL:	28		Daylight	16	57.1%	Wet	5	17.9%	South	19	34.5%
			Dusk	1	3.6%	TOTAL:	28		Southwest	1	1.8%
			TOTAL:	28					West	9	16.4%
									TOTAL:	55	



Collision Diagram

1/1/2012 to 12/31/2012

Crash Route: US030 | From MileStation 142.45 to 142.45 | 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	0	0	2	3	14	0	6	0	2	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	5.3%	Monday	4	21.1%	Midnight	2	10.5%	Passenger	21	52.5%
Fixed Object	1	5.3%	Tuesday	2	10.5%	10 AM	2	10.5%	Pickup	2	5.0%
Rear End	14	73.7%	Thursday	2	10.5%	11 AM	2	10.5%	SUV	11	27.5%
Turning	3	15.8%	Friday	3	15.8%	1 PM	1	5.3%	Truck Single Unit	1	2.5%
TOTAL:	19		Saturday	5	26.3%	2 PM	1	5.3%	Unknown	1	2.5%
			Sunday	3	15.8%	3 PM	2	10.5%	Van/Mini-Van	4	10.0%
			TOTAL:	19		4 PM	2	10.5%	TOTAL:	40	
						5 PM	1	5.3%			
						6 PM	1	5.3%			
						7 PM	1	5.3%			
						8 PM	1	5.3%			
						9 PM	3	15.8%			
						TOTAL:	19				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	94.7%	Darkness	1	5.3%	Dry	16	84.2%	East	13	32.5%
Rain	1	5.3%	Darkness, Lighted Road	5	26.3%	Wet	3	15.8%	North	12	30.0%
TOTAL:	19		Daylight	12	63.2%	TOTAL:	19		South	4	10.0%
			Dusk	1	5.3%				Southeast	2	5.0%
			TOTAL:	19					West	9	22.5%
									TOTAL:	40	



Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: US030 | From MileStation 142.45 to 142.45 | 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>3</u>	<u>1</u>	<u>2</u>	<u>14</u>	<u>0</u>	<u>12</u>	<u>4</u>	<u>2</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	15.0%	Monday	1	5.0%	Midnight	1	5.0%	Other	1	2.4%
Fixed Object	2	10.0%	Tuesday	2	10.0%	07 AM	1	5.0%	Passenger	27	65.9%
Pedestrian	1	5.0%	Wednesday	1	5.0%	09 AM	1	5.0%	Pickup	2	4.9%
Rear End	12	60.0%	Thursday	5	25.0%	11 AM	3	15.0%	SUV	9	22.0%
Turning	2	10.0%	Friday	5	25.0%	Noon	2	10.0%	Van/Mini-Van	2	4.9%
TOTAL:	20		Saturday	4	20.0%	3 PM	1	5.0%	TOTAL:	41	
			Sunday	2	10.0%	4 PM	3	15.0%			
			TOTAL:	20	5 PM	2	10.0%				
					6 PM	4	20.0%				
					7 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	12	60.0%	East	8	19.5%
Rain	4	20.0%	Daylight	13	65.0%	Snow or Slush	1	5.0%	North	9	22.0%
Snow	1	5.0%	TOTAL:	20		Unknown	1	5.0%	Northeast	1	2.4%
Unknown	1	5.0%			Wet	6	30.0%	Northwest	1	2.4%	
TOTAL:	20				TOTAL:	20		South	8	19.5%	
								Southeast	1	2.4%	

Collision Diagram**1/1/2013 to 12/31/2013**

Crash Route: US030 | From MileStation 142.45 to 142.45 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>DIRP</i>	<i>Total</i>	<i>%</i>
West	13	31.7%
TOTAL:	41	

Collision Diagram**1/1/2014 to 12/31/2014**

Crash Route: US030 | From MileStation 142.45 to 142.45 | 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>21</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>20</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>2</u>

<i>Type of Crash</i>	<i>Total</i>	<i>%</i>	<i>Day of Wk</i>	<i>Total</i>	<i>%</i>	<i>Hour of Day</i>	<i>Total</i>	<i>%</i>	<i>Vehicle Type</i>	<i>Total</i>	<i>%</i>
Rear End	16	76.2%	Monday	4	19.0%	06 AM	1	4.8%	Passenger	29	64.4%
Turning	5	23.8%	Tuesday	1	4.8%	07 AM	1	4.8%	Pickup	2	4.4%
TOTAL:	21		Wednesday	1	4.8%	08 AM	1	4.8%	SUV	12	26.7%
			Thursday	3	14.3%	09 AM	1	4.8%	Van/Mini-Van	2	4.4%
			Friday	10	47.6%	10 AM	3	14.3%	TOTAL:	45	
			Saturday	2	9.5%	11 AM	1	4.8%			
			TOTAL:	21		1 PM	2	9.5%			
						2 PM	2	9.5%			
						3 PM	1	4.8%			
						4 PM	4	19.0%			
						5 PM	2	9.5%			
						7 PM	1	4.8%			
						10 PM	1	4.8%			
						TOTAL:	21				

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	12	57.1%	Darkness	2	9.5%	Dry	12	57.1%	East	13	28.9%
Rain	6	28.6%	Darkness/ Lighted Road	2	9.5%	Other	1	4.8%	North	13	28.9%
Snow	1	4.8%	Daylight	16	76.2%	Unknown	2	9.5%	Northwest	2	4.4%
Unknown	2	9.5%	Unknown	1	4.8%	Wet	6	28.6%	South	4	8.9%
TOTAL:	21		TOTAL:	21		TOTAL:	21		Southeast	1	2.2%

Collision Diagram**1/1/2014 to 12/31/2014**

Crash Route: US030 | From MileStation 142.45 to 142.45 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>DIRP</i>	<i>Total</i>	<i>%</i>
Southwest	5	11.1%
West	7	15.6%
<i>TOTAL:</i>	45	



Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2968615.22972509 : YCoordinate 1772094.03561193 | 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>29</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>4</u>	<u>24</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>1</u>	<u>7</u>

Type of Crash	Total	%	Dayof Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	10.3%	Monday	3	10.3%	Midnight	1	3.4%	Bus Over 15 Passengers	1	1.7%
Rear End	13	44.8%	Tuesday	4	13.8%	02 AM	1	3.4%	Bus Up to 15 Passengers	1	1.7%
Sideswipe Opposite Direction	2	6.9%	Wednesday	4	13.8%	07 AM	2	6.9%	Passenger	35	59.3%
Sideswipe Same Direction	2	6.9%	Thursday	5	17.2%	08 AM	2	6.9%	SUV	11	18.6%
Turning	9	31.0%	Friday	2	6.9%	09 AM	1	3.4%	Tractor With Semi-Trailer	2	3.4%
TOTAL:	29		Saturday	5	17.2%	10 AM	3	10.3%	Truck Single Unit	2	3.4%
			Sunday	6	20.7%	11 AM	1	3.4%	Unknown	3	5.1%
			TOTAL:	29	Noon	2	6.9%	Van/Mini-Van	4	6.8%	
					1 PM	1	3.4%	TOTAL:	59		
					2 PM	3	10.3%				
					3 PM	2	6.9%				
					5 PM	3	10.3%				
					6 PM	1	3.4%				
					7 PM	1	3.4%				
					8 PM	1	3.4%				
					9 PM	3	10.3%				
					11 PM	1	3.4%				
					TOTAL:	29					

Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2968615.22972509 : YCoordinate 1772094.03561193 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	20	69.0%	Darkness, Lighted Road	9	31.0%	Dry	18	62.1%	East	15	25.4%
Rain	4	13.8%	Daylight	19	65.5%	Snow or Slush	3	10.3%	North	9	15.3%
Snow	3	10.3%	Unknown	1	3.4%	Unknown	3	10.3%	Northeast	1	1.7%
Unknown	2	6.9%	TOTAL:	29		Wet	5	17.2%	Northwest	3	5.1%
TOTAL:	29					TOTAL:	29		South	13	22.0%
									Southeast	3	5.1%
									Southwest	2	3.4%
									Unknown	1	1.7%
									West	12	20.3%
									TOTAL:	59	



Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2968615.22972509 : YCoordinate 1772094.03561193 | 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>40</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>6</u>	<u>33</u>	<u>0</u>	<u>12</u>	<u>0</u>	<u>1</u>	<u>11</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	2.5%	Monday	8	20.0%	01 AM	1	2.5%	Other	1	1.2%
Rear End	21	52.5%	Tuesday	7	17.5%	04 AM	1	2.5%	Passenger	54	63.5%
Sideswipe Same Direction	4	10.0%	Wednesday	3	7.5%	06 AM	1	2.5%	Pickup	6	7.1%
Turning	14	35.0%	Thursday	6	15.0%	07 AM	2	5.0%	SUV	15	17.6%
TOTAL:	40		Friday	5	12.5%	08 AM	1	2.5%	Unknown	1	1.2%
			Saturday	5	12.5%	09 AM	5	12.5%	Van/Mini-Van	8	9.4%
			Sunday	6	15.0%	10 AM	1	2.5%	TOTAL:	85	
			TOTAL:	40		11 AM	1	2.5%			
					1 PM	4	10.0%				
					2 PM	4	10.0%				
					3 PM	2	5.0%				
					4 PM	2	5.0%				
					5 PM	3	7.5%				
					6 PM	2	5.0%				
					7 PM	3	7.5%				
					8 PM	1	2.5%				
					9 PM	1	2.5%				
					10 PM	1	2.5%				



Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2968615.22972509 : YCoordinate 1772094.03561193 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Hour of Day</i>	<i>Total</i>	<i>%</i>
11 PM	4	10.0%
TOTAL:	40	

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	32	80.0%	Darkness	2	5.0%	Dry	31	77.5%	East	13	15.3%
Cloudy/Overcast	1	2.5%	Darkness, Lighted Road	13	32.5%	Other	1	2.5%	North	20	23.5%
Rain	5	12.5%	Dawn	1	2.5%	Snow or Slush	1	2.5%	Northeast	1	1.2%
Snow	2	5.0%	Daylight	23	57.5%	Wet	7	17.5%	Northwest	2	2.4%
TOTAL:	40		Dusk	1	2.5%	TOTAL:	40		South	25	29.4%
			TOTAL:	40					Southeast	3	3.5%
									Southwest	2	2.4%
									West	19	22.4%
									TOTAL:	85	



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | 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>25</u>	<u>0</u>	<u>1</u>	<u>4</u>	<u>7</u>	<u>13</u>	<u>0</u>	<u>15</u>	<u>1</u>	<u>6</u>	<u>8</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	4	16.0%	Monday	7	28.0%	Midnight	2	8.0%	Passenger	36	66.7%
Front to Rear	11	44.0%	Tuesday	4	16.0%	01 AM	1	4.0%	Pickup	1	1.9%
Sideswipe Same Direction	2	8.0%	Wednesday	1	4.0%	08 AM	1	4.0%	SUV	12	22.2%
Turning	8	32.0%	Thursday	1	4.0%	09 AM	1	4.0%	Truck Single Unit	1	1.9%
TOTAL:	25		Friday	5	20.0%	10 AM	1	4.0%	Unknown	1	1.9%
			Saturday	5	20.0%	11 AM	2	8.0%	Van/Mini-Van	3	5.6%
			Sunday	2	8.0%	Noon	2	8.0%	TOTAL:	54	
			TOTAL:	25		1 PM	2	8.0%			
					2 PM	4	16.0%				
					4 PM	3	12.0%				
					6 PM	1	4.0%				
					7 PM	2	8.0%				
					8 PM	1	4.0%				
					9 PM	2	8.0%				
					TOTAL:	25					
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	21	84.0%	Darkness	1	4.0%	Dry	20	80.0%	East	13	24.1%
Cloudy/Overcast	1	4.0%	Darkness, Lighted Road	4	16.0%	Snow or Slush	3	12.0%	North	13	24.1%



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Rain	2	8.0%	Daylight	19	76.0%	Wet	2	8.0%	Northwest	1	1.9%
Snow	1	4.0%	Dusk	1	4.0%	TOTAL:	25		South	3	5.6%
TOTAL:	25		TOTAL:	25					Southeast	1	1.9%
									West	23	42.6%
									TOTAL:	54	



Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | 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>22</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>20</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	%
Front to Rear	15	68.2%	Monday	6	27.3%	Midnight	2	9.1%	Bus 9 to 15 seats	2	4.3%
Sideswipe Same Direction	2	9.1%	Tuesday	6	27.3%	01 AM	1	4.5%	Other	1	2.1%
Turning	5	22.7%	Wednesday	2	9.1%	06 AM	2	9.1%	Passenger	27	57.4%
TOTAL:	22		Friday	5	22.7%	08 AM	1	4.5%	Pickup	4	8.5%
			Saturday	3	13.6%	10 AM	2	9.1%	SUV	8	17.0%
			TOTAL:	22	11 AM	1	4.5%	Truck Single Unit	1	2.1%	
					Noon	2	9.1%	Unknown	2	4.3%	
					1 PM	1	4.5%	Van/Mini-Van	2	4.3%	
					3 PM	2	9.1%	TOTAL:	47		
					4 PM	3	13.6%				
					5 PM	2	9.1%				
					7 PM	1	4.5%				
					9 PM	1	4.5%				
					11 PM	1	4.5%				
					TOTAL:	22					

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	13	59.1%	Darkness	3	13.6%	Dry	11	50.0%	East	11	23.4%
Cloudy/Overcast	2	9.1%	Darkness, Lighted Road	5	22.7%	Snow or Slush	4	18.2%	North	9	19.1%



Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Rain	2	9.1%	Dawn	1	4.5%	Wet	7	31.8%	Northwest	1	2.1%
Snow	5	22.7%	Daylight	12	54.5%	TOTAL:	22		South	4	8.5%
TOTAL:	22		Dusk	1	4.5%				Southeast	1	2.1%
			TOTAL:	22					Southwest	1	2.1%
									West	20	42.6%
									TOTAL:	47	



Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | 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>33</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>27</u>	<u>0</u>	<u>10</u>	<u>4</u>	<u>4</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	3.0%	Monday	3	9.1%	02 AM	1	3.0%	Other Vehicle With Trailer	1	1.5%
Fixed Object	3	9.1%	Tuesday	5	15.2%	04 AM	1	3.0%	Passenger	48	71.6%
Front to Rear	15	45.5%	Wednesday	7	21.2%	05 AM	1	3.0%	Pickup	2	3.0%
Sideswipe Opposite Direction	2	6.1%	Thursday	3	9.1%	06 AM	1	3.0%	SUV	7	10.4%
Sideswipe Same Direction	2	6.1%	Friday	10	30.3%	07 AM	3	9.1%	Unknown	6	9.0%
Turning	10	30.3%	Saturday	3	9.1%	08 AM	2	6.1%	Van/Mini-Van	3	4.5%
TOTAL:	33		Sunday	2	6.1%	09 AM	4	12.1%	TOTAL:	67	
			TOTAL:	33		Noon	1	3.0%			
						1 PM	4	12.1%			
						2 PM	2	6.1%			
						3 PM	1	3.0%			
						4 PM	1	3.0%			
						5 PM	4	12.1%			
						6 PM	2	6.1%			
						7 PM	1	3.0%			
						8 PM	1	3.0%			
						9 PM	3	9.1%			
						TOTAL:	33				



Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	25	75.8%	Darkness	4	12.1%	Dry	24	72.7%	East	21	31.3%
Rain	3	9.1%	Darkness, Lighted Road	7	21.2%	Ice	3	9.1%	North	17	25.4%
Snow	5	15.2%	Daylight	21	63.6%	Snow or Slush	1	3.0%	Northeast	1	1.5%
TOTAL:	33		Dusk	1	3.0%	Wet	5	15.2%	Northwest	1	1.5%
			TOTAL:	33		TOTAL:	33		South	13	19.4%
									Southeast	1	1.5%
									Unknown	3	4.5%
									West	10	14.9%
									TOTAL:	67	



Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | Foot Tolerance : 100 | 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>2</u>	<u>3</u>	<u>4</u>	<u>22</u>	<u>0</u>	<u>16</u>	<u>3</u>	<u>7</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	4	12.9%	Monday	3	9.7%	Midnight	2	6.5%	Other	1	1.5%
Fixed Object	2	6.5%	Tuesday	6	19.4%	02 AM	3	9.7%	Passenger	44	65.7%
Front to Rear	15	48.4%	Wednesday	5	16.1%	03 AM	1	3.2%	Pickup	4	6.0%
Other Object	1	3.2%	Thursday	7	22.6%	08 AM	3	9.7%	SUV	13	19.4%
Rear to Front	1	3.2%	Friday	5	16.1%	09 AM	2	6.5%	Unknown	2	3.0%
Sideswipe Same Direction	2	6.5%	Saturday	3	9.7%	10 AM	2	6.5%	Van/Mini-Van	3	4.5%
Turning	6	19.4%	Sunday	2	6.5%	11 AM	1	3.2%	TOTAL:	67	
TOTAL:	31		TOTAL:	31		Noon	1	3.2%			
						2 PM	2	6.5%			
						3 PM	3	9.7%			
						4 PM	1	3.2%			
						5 PM	1	3.2%			
						6 PM	2	6.5%			
						7 PM	2	6.5%			
						8 PM	3	9.7%			
						9 PM	1	3.2%			
						11 PM	1	3.2%			
						TOTAL:	31				



Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2968615.677 : YCoordinate 1772094.473 | Foot Tolerance : 100 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>Weather Cond</i>	<i>Total</i>	<i>%</i>	<i>Light Cond</i>	<i>Total</i>	<i>%</i>	<i>Road Surface</i>	<i>Total</i>	<i>%</i>	<i>DIRP</i>	<i>Total</i>	<i>%</i>
Clear	27	87.1%	Darkness	1	3.2%	Dry	25	80.6%	East	20	29.9%
Rain	1	3.2%	Darkness, Lighted Road	13	41.9%	Snow or Slush	3	9.7%	North	13	19.4%
Snow	3	9.7%	Daylight	17	54.8%	Wet	3	9.7%	Northwest	1	1.5%
TOTAL:	31		TOTAL:	31		TOTAL:	31		South	19	28.4%
									Southeast	3	4.5%
									Southwest	1	1.5%
									West	10	14.9%
									TOTAL:	67	



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Lincoln Hwy and Governor's Hwy** 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 Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	2013	35,400	32,500	18,600	18,600	105,100	106,733
	2014	35,400	32,500	18,800	19,700	106,400	
	2015	39,500	30,700	18,800	19,700	108,700	
	2016	39,500	30,700	18,800	19,700	108,700	
After Installation	2017	34,400	34,700	18,800	19,700	107,600	107,100
	2018	34,400	34,700	15,600	19,300	104,000	
	2019	36,500	37,000	15,600	19,300	108,400	
	2020	36,500	37,000	15,600	19,300	108,400	

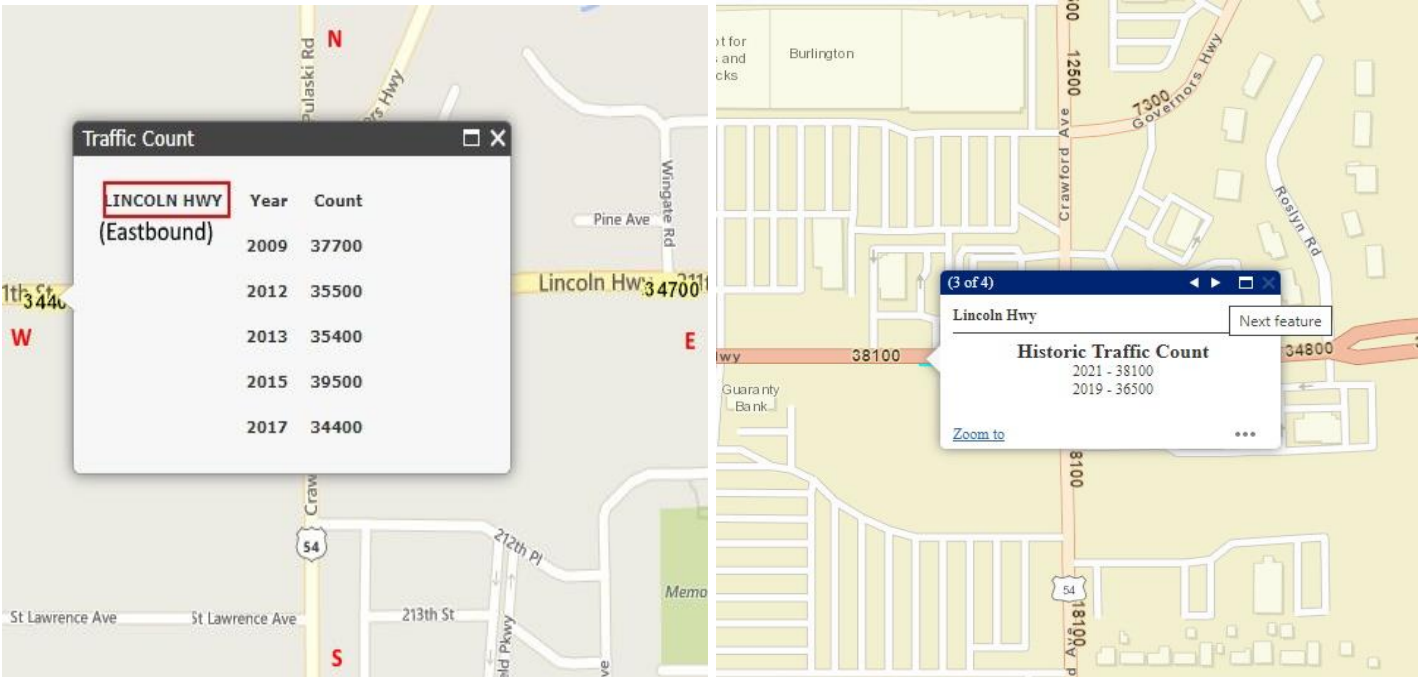
From 2013-2015, prior to RLR camera installation, the combined average of ADTC was 106,733.

From 2017-2020, post RLR camera installation, the combined average of ADTC was 107,100 – a slight increase of 0.34%.

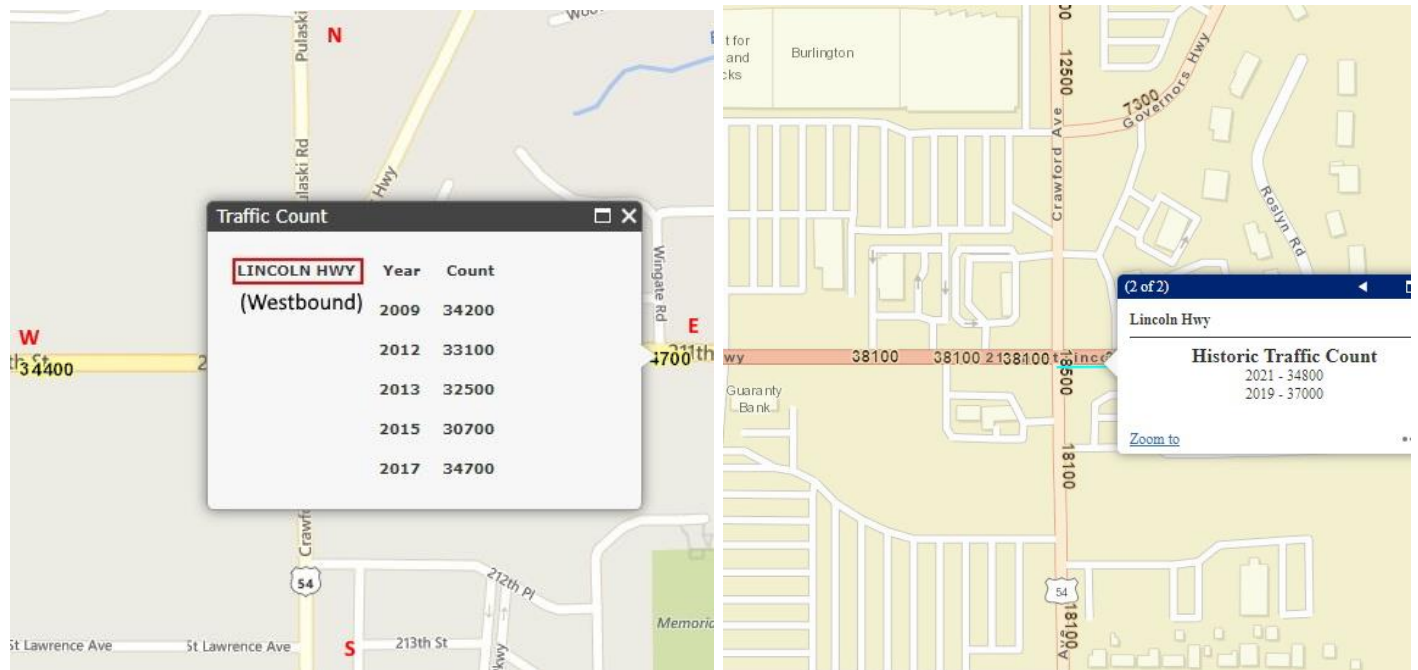
The following pages show the complete ADTC data from 2013-2020 obtained from the IDOT's website.

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.

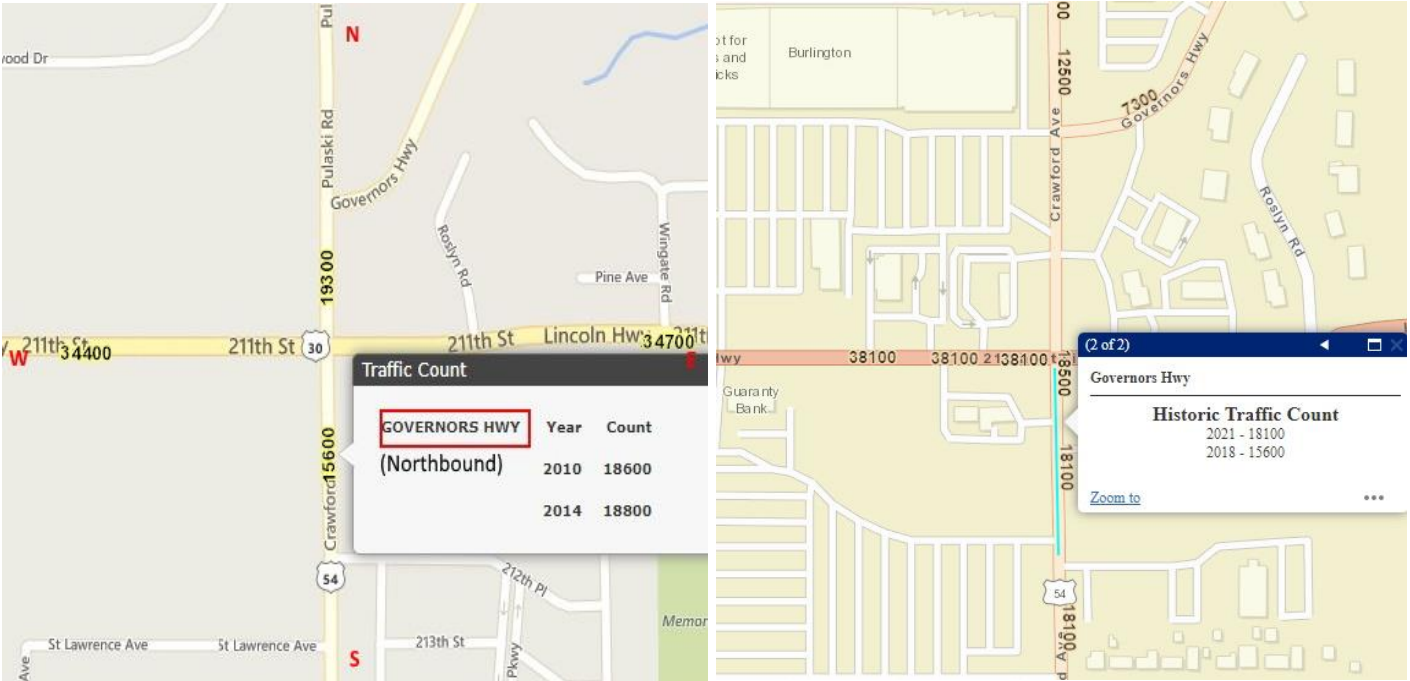
Eastbound ADTC



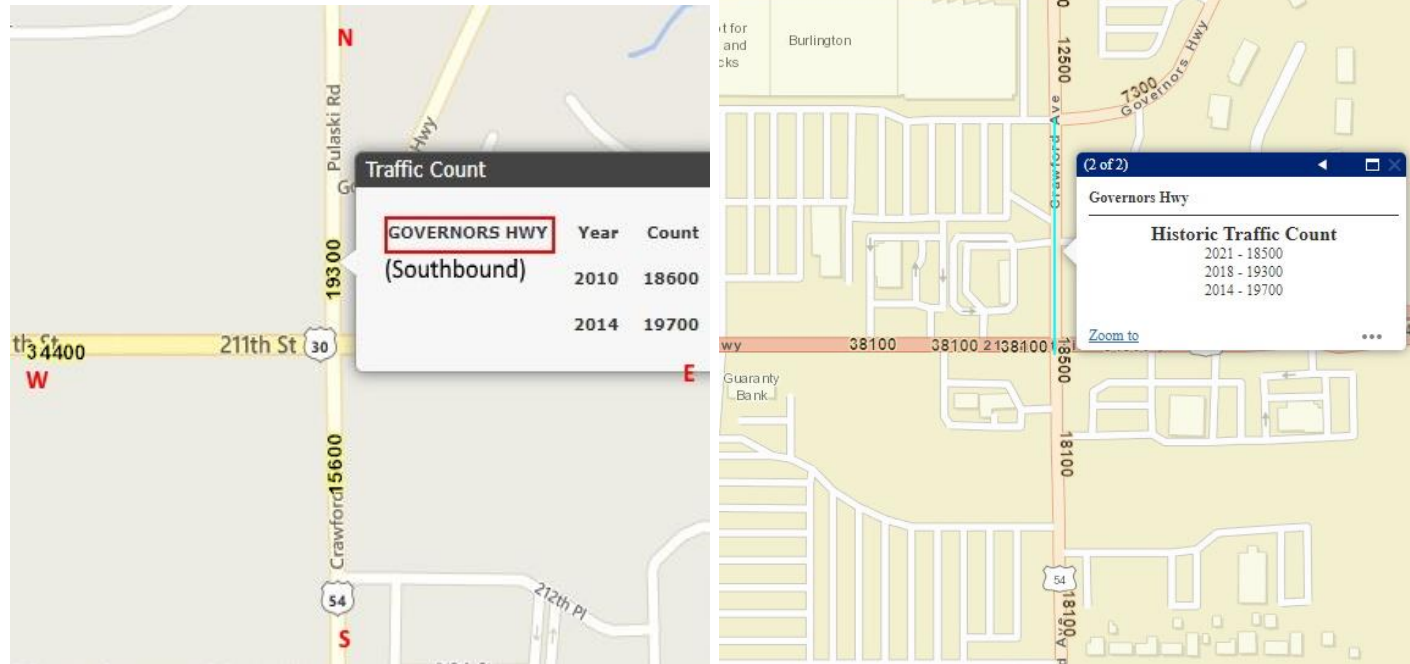
Westbound ADTC



Northbound ADTC



Southbound ADTC





4. Summary of Adjudication

The summary of tickets contested “in person” and “by mail” for the **Eastbound** approach of **Lincoln Hwy and Governor’s Hwy** from 2018 to 2020.

	2018	2019	2020
In Person	244	172	105
By Mail	166	157	122

The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **Lincoln Hwy and Governor’s Hwy** from 2018 to 2020.

	2018	2019	2020
In Person	187	73	55
By Mail	119	79	79

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **Lincoln Hwy and Governor’s Hwy** from 2018 to 2020.

	2018	2019	2020
In Person	351	231	142
By Mail	317	250	188



5. Report Summary and Recommendation

The **Village of Matteson** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Matteson** 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 106,733. From 2017-2020, post RLR camera installation, the combined average of ADTC was 107,100 – a slight increase of 0.34%. (See tab 3)

From 2011-2015, prior to RLR camera installation, on average, 68.57% of all vehicles involved in the crashes were traveling East, North or South each year. From 2017-2020, post RLR camera installation, on average, 64.62% of all vehicles involved in the crashes were traveling East, North or South each year – a 3.95% reduction in direct comparison with the time period aforementioned. (See tab 2)

Following the installation of the RLR cameras on the Eastbound, Northbound and Southbound approaches, all vehicles involved in the crashes traveling East, North or South have gone down 3.95% with a slight increase of 0.34% 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 Lincoln Hwy and Governor's Hwy in the **Village of Matteson** 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.