



Irving Park Rd and River Rd

<Northbound and Southbound>



Schiller Park, IL

RLR 1 Follow-Up Evaluation Report

(Amendatory Act of the 103rd General Assembly)

Reference No: 016 - 83871

April 2024



POLICE DEPARTMENT

SMALL TOWN FEEL WITH A WORLD AT ITS TOUCH

9526 WEST IRVING PARK ROAD
SCHILLER PARK, ILLINOIS 60176-1984
TELEPHONE 847 678-4794
FAX 847 349-9391

April 18, 2024

Illinois Department of Transportation
Bureau of Traffic Operations
Region 1, District 1
201 West Center Court
Schaumburg, Illinois 60196-1096

Attn: Jonathan E. Karabowicz, P.E.

Re: RLR 1 Year Follow-Up Evaluation Report
Irving Park Road and River Road (northbound and southbound)
Village of Schiller Park
Ref#: 016-83871

Dear Mr. Karabowicz:

Please find enclosed a copy of the 1 year RLR Follow-Up Evaluation Report for the intersection of Irving Park Road and River Road, Schiller Park, Illinois.

The Village of Schiller Park 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.

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 847-671-8525, jdesimone@schillerparkil.us.

Best Regards,

A handwritten signature in black ink, appearing to read "J. DeSimone", with a long horizontal flourish extending to the right.

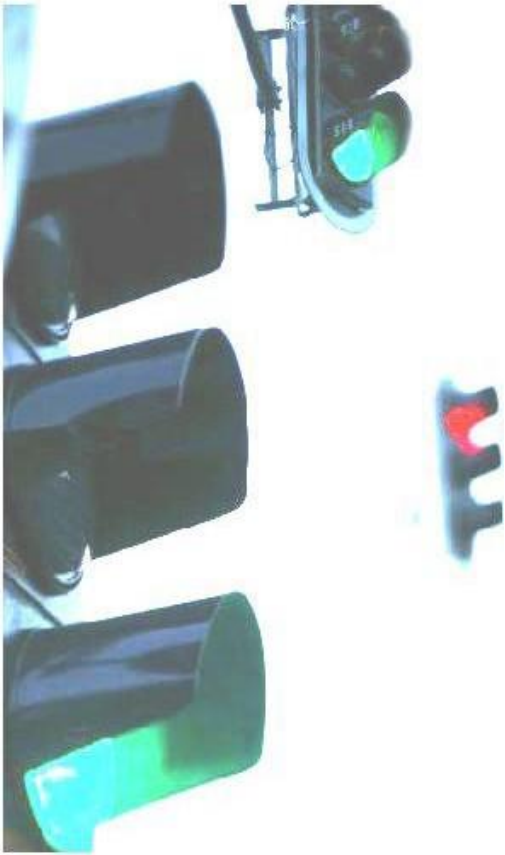
On behalf of the Village of Schiller Park
Joseph DeSimone
Deputy Chief of Police

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

Table of Contents

1. RLR Camera Location, Live Date, System Manufacturer and Contractors
2. RLR Crash Data and Analysis
3. Traffic Volume
4. Summary of Adjudication
5. Report Summary and Recommendation



1. RLR Camera Location, Live Date, System Manufacturer and Contractors

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.

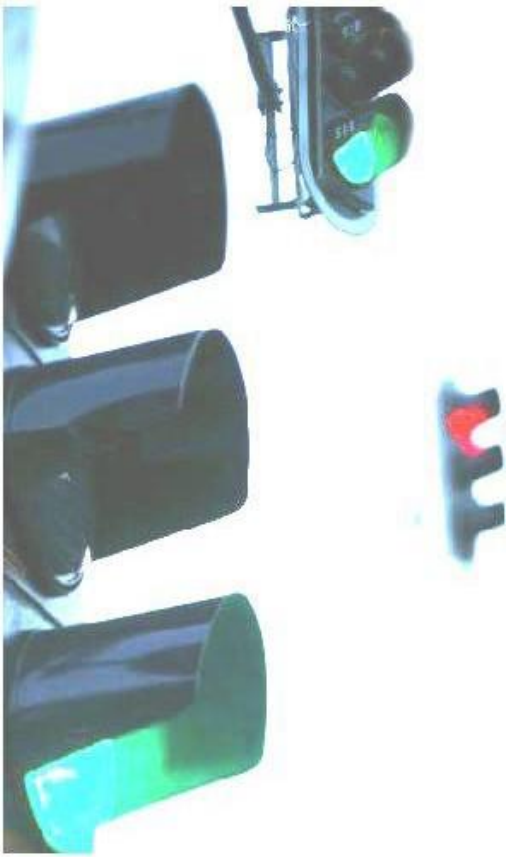
In 2019, The **Village of Schiller Park** received approval from the Illinois Department of Transportation (IDOT) to install Red Light Running (RLR) cameras at the **Northbound and Southbound** approaches of **Irving Park Rd and River Rd**.

- Date on which the cameras went live: **09/2019**
- Date on which the 1 Year Follow-Up Evaluation Report was submitted to the IDOT: **05/2022**

No changes were made to the traffic signal timing or any other settings pertaining to the 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>
--	---



2. RLR Crash Data and Analysis

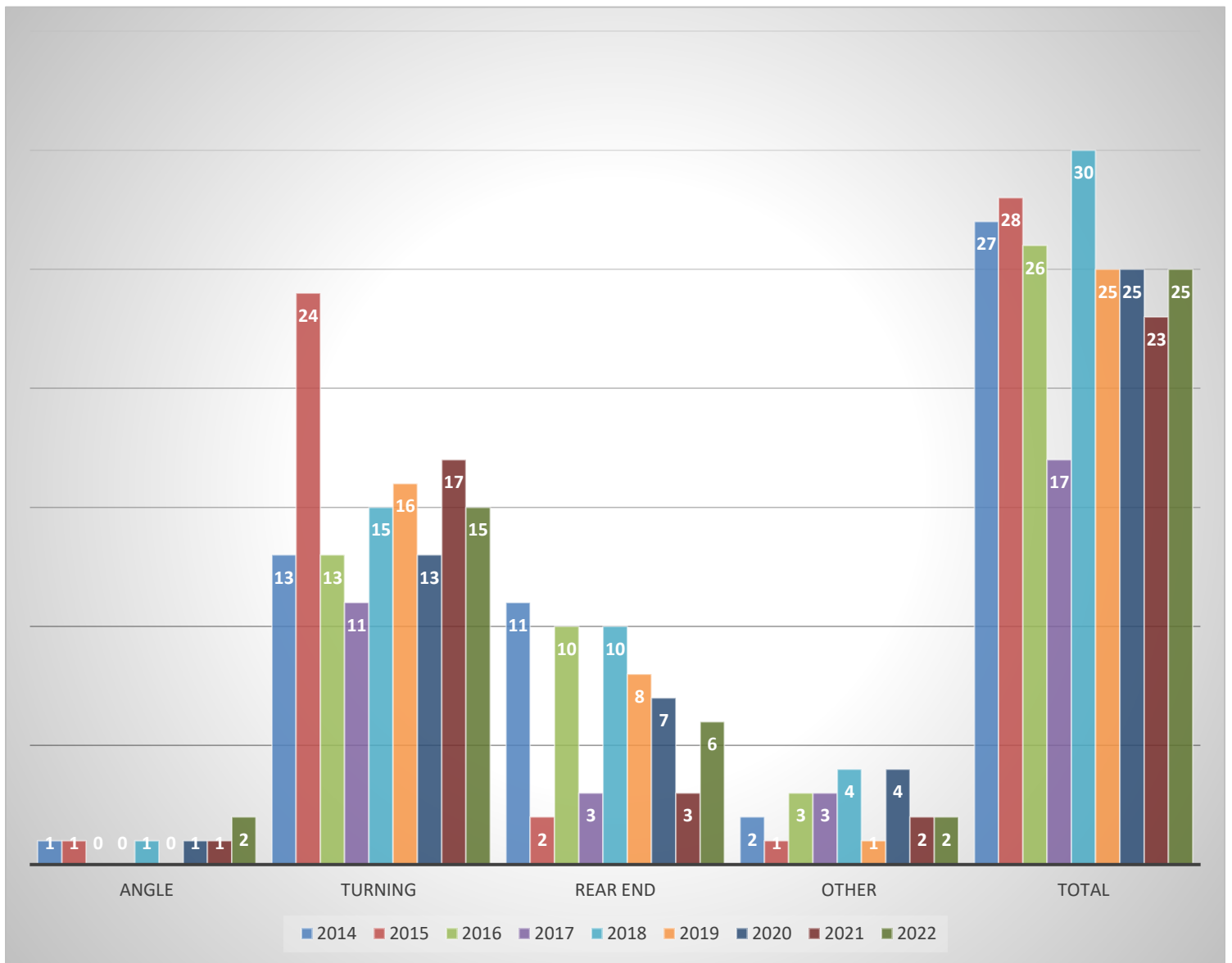
The table below shows a summary of motor vehicle crashes at the intersection of **Irving Park Rd and River Rd** over a span of 9 years*

	Angle	Turning	Rear End	Pedalcyclist	Sideswipe	Fixed Object	Total
2014	1	13	11	1	1	0	27
2015	1	24	2	0	0	1	28
2016	0	13	10	1	2	0	26
2017	0	11	3	0	3	0	17
2018	1	15	10	0	3	1	30
2019	0	16	8	0	1	0	25
2020	1	13	7	0	3	1	25
2021	1	17	3	0	2	0	23
2022	2	15	6	0	1	1	25

- The data from 2014-2018 shows the period prior to the installation of the RLR cameras.
- The data from 2019 shows the year in which the cameras were installed.
- The data from 2020-2022 shows the period following the installation.

* **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.

The chart below shows the trends of each crash type from 2014–2022.



	Year \ Type	Angle	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	2014	1	13	11	2	27	25.6
	2015	1	24	2	1	28	
	2016	0	13	10	3	26	
	2017	0	11	3	3	17	
	2018	1	15	10	4	30	
	2019	0	16	8	1	25	
After Installation	2020	1	13	7	4	25	24.33
	2021	1	17	3	2	23	
	2022	2	15	6	2	25	

* Other crashes include: Sideswipe, Fixed Object and Pedalcyclist

From 2014-2018, prior to the installation of the RLR cameras, there were 128 total crashes; this averages out to 25.6 total crashes a year.

From 2020-2022, post RLR camera installation, there were 73 total crashes, a 4.95% reduction of overall crashes in direct comparison with the time period aforementioned.

The following pages contain crash data summary pages from 2014-2022. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.

Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2924950.85169888 : YCoordinate 1934051.4076407 | Foot Tolerance : 175 | 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>27</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>6</u>	<u>19</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>2</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	3.7%	Monday	1	3.7%	Midnight	1	3.7%	Passenger	39	65.0%
Pedalcyclist	1	3.7%	Tuesday	3	11.1%	01 AM	1	3.7%	Pickup	4	6.7%
Rear End	11	40.7%	Wednesday	5	18.5%	06 AM	1	3.7%	SUV	10	16.7%
Sideswipe Same Direction	1	3.7%	Thursday	6	22.2%	07 AM	2	7.4%	Tractor With Semi-Trailer	1	1.7%
Turning	13	48.1%	Friday	4	14.8%	08 AM	1	3.7%	Truck Single Unit	1	1.7%
TOTAL:	27		Saturday	5	18.5%	09 AM	1	3.7%	Unknown	1	1.7%
			Sunday	3	11.1%	10 AM	5	18.5%	Van/Mini-Van	4	6.7%
			TOTAL:	27		11 AM	1	3.7%	TOTAL:	60	
						2 PM	4	14.8%			
						3 PM	3	11.1%			
						5 PM	2	7.4%			
						7 PM	3	11.1%			
						9 PM	1	3.7%			
						10 PM	1	3.7%			
						TOTAL:	27				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	19	70.4%	Darkness, Lighted Road	5	18.5%	Dry	20	74.1%	East	14	23.3%
Cloudy/Overcast	3	11.1%			Snow or Slush	3	11.1%	North	16	26.7%	

Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2924950.85169888 : YCoordinate 1934051.4076407 | Foot Tolerance : 175 | 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>1</u>	<u>3</u>	<u>24</u>	<u>0</u>	<u>9</u>	<u>0</u>	<u>3</u>	<u>6</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	3.6%	Monday	2	7.1%	01 AM	1	3.6%	Other	1	1.7%
Fixed Object	1	3.6%	Tuesday	3	10.7%	02 AM	1	3.6%	Passenger	35	59.3%
Rear End	2	7.1%	Wednesday	4	14.3%	05 AM	1	3.6%	Pickup	4	6.8%
Turning	24	85.7%	Thursday	7	25.0%	06 AM	3	10.7%	SUV	12	20.3%
TOTAL:	28		Friday	5	17.9%	07 AM	1	3.6%	Truck Single Unit	2	3.4%
			Saturday	5	17.9%	11 AM	2	7.1%	Unknown	1	1.7%
			Sunday	2	7.1%	Noon	4	14.3%	Van/Mini-Van	4	6.8%
			TOTAL:	28		1 PM	1	3.6%	TOTAL:	59	
						2 PM	1	3.6%			
						3 PM	1	3.6%			
						4 PM	1	3.6%			
						5 PM	1	3.6%			
						6 PM	3	10.7%			
						8 PM	1	3.6%			
						9 PM	2	7.1%			
						10 PM	2	7.1%			
						11 PM	2	7.1%			
						TOTAL:	28				

Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2924951.121475 : YCoordinate 1934050.122907 | 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>26</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>5</u>	<u>20</u>	<u>0</u>	<u>11</u>	<u>0</u>	<u>2</u>	<u>9</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Pedalcyclist	1	3.8%	Monday	3	11.5%	02 AM	1	3.8%	Passenger	29	54.7%
Rear End	10	38.5%	Tuesday	3	11.5%	06 AM	1	3.8%	Pickup	2	3.8%
Sideswipe Same Direction	2	7.7%	Wednesday	3	11.5%	08 AM	3	11.5%	SUV	15	28.3%
Turning	13	50.0%	Thursday	7	26.9%	09 AM	1	3.8%	Tractor With Semi-Trailer	1	1.9%
TOTAL:	26		Friday	2	7.7%	1 PM	2	7.7%	Truck Single Unit	1	1.9%
			Saturday	5	19.2%	2 PM	3	11.5%	Unknown	3	5.7%
			Sunday	3	11.5%	4 PM	4	15.4%	Van/Mini-Van	2	3.8%
			TOTAL:	26		5 PM	2	7.7%	TOTAL:	53	
						6 PM	2	7.7%			
						7 PM	3	11.5%			
						8 PM	1	3.8%			
						9 PM	2	7.7%			
						10 PM	1	3.8%			
						TOTAL:	26				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	69.2%	Darkness, Lighted Road	7	26.9%	Dry	18	69.2%	East	8	15.1%
Cloudy/Overcast	1	3.8%	Daylight	17	65.4%	Unknown	3	11.5%	North	16	30.2%
Fog/Smoke/Haze	2	7.7%						Northwest	4	7.5%	

Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2924950.85169888 : YCoordinate 1934051.4076407 | Foot Tolerance : 175 | 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>17</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>14</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>3</u>	<u>2</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	3	17.6%	Monday	2	11.8%	03 AM	1	5.9%	Passenger	20	55.6%
Sideswipe Opposite Direction	1	5.9%	Tuesday	1	5.9%	05 AM	1	5.9%	Pickup	3	8.3%
Sideswipe Same Direction	2	11.8%	Wednesday	3	17.6%	07 AM	1	5.9%	SUV	7	19.4%
Turning	11	64.7%	Thursday	7	41.2%	09 AM	1	5.9%	Tractor With Semi-Trailer	2	5.6%
TOTAL:	17		Friday	1	5.9%	10 AM	1	5.9%	Unknown	1	2.8%
			Saturday	3	17.6%	11 AM	1	5.9%	Van/Mini-Van	3	8.3%
			TOTAL:	17		Noon	2	11.8%	TOTAL:	36	
						2 PM	1	5.9%			
						4 PM	2	11.8%			
						5 PM	1	5.9%			
						6 PM	3	17.6%			
						9 PM	1	5.9%			
						10 PM	1	5.9%			
						TOTAL:	17				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	12	70.6%	Darkness, Lighted Road	3	17.6%	Dry	11	64.7%	East	3	8.3%
Cloudy/Overcast	1	5.9%	Dawn	1	5.9%	Wet	6	35.3%	North	14	38.9%
						TOTAL:	17		Northeast	1	2.8%

Coordinate Collision Diagram Report

1/1/2018 to 12/31/2018

For XCoordinate 2924932.723 : YCoordinate 1934056.695 | 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>30</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>5</u>	<u>23</u>	<u>0</u>	<u>10</u>	<u>0</u>	<u>2</u>	<u>8</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	3.3%	Monday	4	13.3%	Midnight	5	16.7%	Other	1	1.6%
Fixed Object	1	3.3%	Tuesday	2	6.7%	05 AM	1	3.3%	Passenger	41	67.2%
Front to Rear	10	33.3%	Wednesday	5	16.7%	06 AM	2	6.7%	Pickup	2	3.3%
Sideswipe Same Direction	3	10.0%	Thursday	5	16.7%	08 AM	2	6.7%	SUV	10	16.4%
Turning	15	50.0%	Friday	4	13.3%	09 AM	2	6.7%	Truck Single Unit	1	1.6%
TOTAL:	30		Saturday	8	26.7%	11 AM	1	3.3%	Unknown	1	1.6%
			Sunday	2	6.7%	1 PM	1	3.3%	Van/Mini-Van	5	8.2%
			TOTAL:	30		2 PM	1	3.3%	TOTAL:	61	
						4 PM	3	10.0%			
						5 PM	5	16.7%			
						6 PM	1	3.3%			
						7 PM	2	6.7%			
						9 PM	2	6.7%			
						10 PM	2	6.7%			
						TOTAL:	30				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	21	70.0%	Darkness, Lighted Road	14	46.7%	Dry	19	63.3%	East	8	13.1%
Cloudy/Overcast	7	23.3%	Dawn	2	6.7%	Ice	1	3.3%	North	15	24.6%

Coordinate Collision Diagram Report

1/1/2019 to 12/31/2019

For XCoordinate 2924932.723 : YCoordinate 1934056.695 | 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>25</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>22</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>4</u>	<u>1</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Front to Rear	8	32.0%	Monday	2	8.0%	05 AM	3	12.0%	Passenger	31	60.8%
Sideswipe Same Direction	1	4.0%	Tuesday	5	20.0%	06 AM	1	4.0%	SUV	16	31.4%
Turning	16	64.0%	Wednesday	3	12.0%	07 AM	2	8.0%	Truck Single Unit	1	2.0%
TOTAL:	25		Thursday	4	16.0%	08 AM	3	12.0%	Unknown	2	3.9%
			Friday	5	20.0%	10 AM	1	4.0%	Van/Mini-Van	1	2.0%
			Saturday	2	8.0%	11 AM	1	4.0%	TOTAL:	51	
			Sunday	4	16.0%	Noon	2	8.0%			
			TOTAL:	25		1 PM	2	8.0%			
						2 PM	1	4.0%			
						5 PM	1	4.0%			
						6 PM	2	8.0%			
						7 PM	3	12.0%			
						8 PM	2	8.0%			
						9 PM	1	4.0%			
						TOTAL:	25				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	20	80.0%	Darkness, Lighted Road	7	28.0%	Dry	18	72.0%	East	7	13.7%
Cloudy/Overcast	2	8.0%	Dawn	3	12.0%	Other	1	4.0%	North	13	25.5%

Coordinate Collision Diagram Report

1/1/2020 to 12/31/2020

For XCoordinate 2924932.723 : YCoordinate 1934056.695 | 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>25</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>20</u>	<u>0</u>	<u>8</u>	<u>1</u>	<u>4</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.0%	Monday	4	16.0%	06 AM	1	4.0%	Passenger	31	58.5%
Fixed Object	1	4.0%	Tuesday	3	12.0%	08 AM	1	4.0%	Pickup	4	7.5%
Front to Rear	7	28.0%	Wednesday	4	16.0%	09 AM	1	4.0%	SUV	12	22.6%
Sideswipe Same Direction	3	12.0%	Thursday	3	12.0%	10 AM	3	12.0%	Tractor With Semi-Trailer	3	5.7%
Turning	13	52.0%	Friday	5	20.0%	11 AM	1	4.0%	Van/Mini-Van	3	5.7%
TOTAL:	25		Saturday	6	24.0%	Noon	2	8.0%	TOTAL:	53	
			TOTAL:	25		3 PM	2	8.0%			
						4 PM	4	16.0%			
						5 PM	1	4.0%			
						6 PM	5	20.0%			
						7 PM	2	8.0%			
						9 PM	1	4.0%			
						10 PM	1	4.0%			
						TOTAL:	25				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	72.0%	Darkness, Lighted Road	10	40.0%	Dry	22	88.0%	East	6	11.3%
Cloudy/Overcast	3	12.0%	Daylight	14	56.0%	Snow or Slush	1	4.0%	North	16	30.2%
Rain	1	4.0%			Unknown	1	4.0%	Northeast	1	1.9%	

Coordinate Collision Diagram Report

1/1/2021 to 12/31/2021

For XCoordinate 2924932.723 : YCoordinate 1934056.695 | Foot Tolerance : 50 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
<u>23</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>19</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>3</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	4.3%	Monday	4	17.4%	01 AM	2	8.7%	Passenger	29	59.2%
Front to Rear	3	13.0%	Tuesday	1	4.3%	05 AM	2	8.7%	Pickup	3	6.1%
Sideswipe Same Direction	2	8.7%	Wednesday	4	17.4%	06 AM	1	4.3%	SUV	15	30.6%
Turning	17	73.9%	Thursday	3	13.0%	07 AM	1	4.3%	Tractor With Semi-Trailer	1	2.0%
TOTAL:	23		Friday	2	8.7%	08 AM	1	4.3%	Truck Single Unit	1	2.0%
			Saturday	6	26.1%	11 AM	2	8.7%	TOTAL:	49	
			Sunday	3	13.0%	Noon	2	8.7%			
			TOTAL:	23		1 PM	1	4.3%			
						3 PM	1	4.3%			
						4 PM	3	13.0%			
						6 PM	2	8.7%			
						9 PM	4	17.4%			
						10 PM	1	4.3%			
						TOTAL:	23				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	18	78.3%	Darkness, Lighted Road	7	30.4%	Dry	21	91.3%	East	12	24.5%
Cloudy/Overcast	3	13.0%	Dawn	2	8.7%	Snow or Slush	1	4.3%	North	19	38.8%
Rain	1	4.3%	Daylight	13	56.5%				Northwest	3	6.1%

Coordinate Collision Diagram Report

1/1/2022 to 12/31/2022

For XCoordinate 2924932.723 : YCoordinate 1934056.695 | Foot Tolerance : 50 | 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>0</u>	<u>4</u>	<u>3</u>	<u>18</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>5</u>	<u>8</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	2	8.0%	Monday	2	8.0%	Midnight	2	8.0%	Passenger	34	65.4%
Fixed Object	1	4.0%	Tuesday	3	12.0%	02 AM	1	4.0%	SUV	12	23.1%
Front to Rear	6	24.0%	Wednesday	7	28.0%	07 AM	2	8.0%	Tractor With Semi-Trailer	1	1.9%
Sideswipe Same Direction	1	4.0%	Thursday	4	16.0%	09 AM	1	4.0%	Tractor Without Semi-Trailer	1	1.9%
Turning	15	60.0%	Friday	4	16.0%	Noon	1	4.0%	Unknown	3	5.8%
TOTAL:	25		Saturday	3	12.0%	1 PM	4	16.0%	Van/Mini-Van	1	1.9%
			Sunday	2	8.0%	2 PM	4	16.0%	TOTAL:	52	
			TOTAL:	25		3 PM	2	8.0%			
						4 PM	2	8.0%			
						5 PM	1	4.0%			
						6 PM	3	12.0%			
						7 PM	1	4.0%			
						10 PM	1	4.0%			
						TOTAL:	25				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	17	68.0%	Darkness, Lighted Road	8	32.0%	Dry	16	64.0%	East	4	7.7%
Cloudy/Overcast	1	4.0%	Daylight	16	64.0%	Ice	1	4.0%	North	17	32.7%
Rain	3	12.0%			Snow or Slush	1	4.0%	Northeast	1	1.9%	



3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Irving Park Rd and River Rd** over a span of 6 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 2017-2018 shows the period prior to the installation of the RLR cameras.
- The data from 2019 shows the year in which the cameras were installed.
- The data from 2020-2022 shows the period following the installation.

	Direction Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	2017	27,700	18,700	27,800	27,200	101,400	107,667
	2018	33,500	23,700	27,700	27,200	112,100	
	2019	30,600	24,000	27,700	27,200	109,500	
After Installation	2020	30,600	24,000	27,700	27,200	109,500	99,500
	2021	28,000	21,400	23,400	21,900	94,700	
	2022	28,000	21,400	22,300	22,600	94,300	

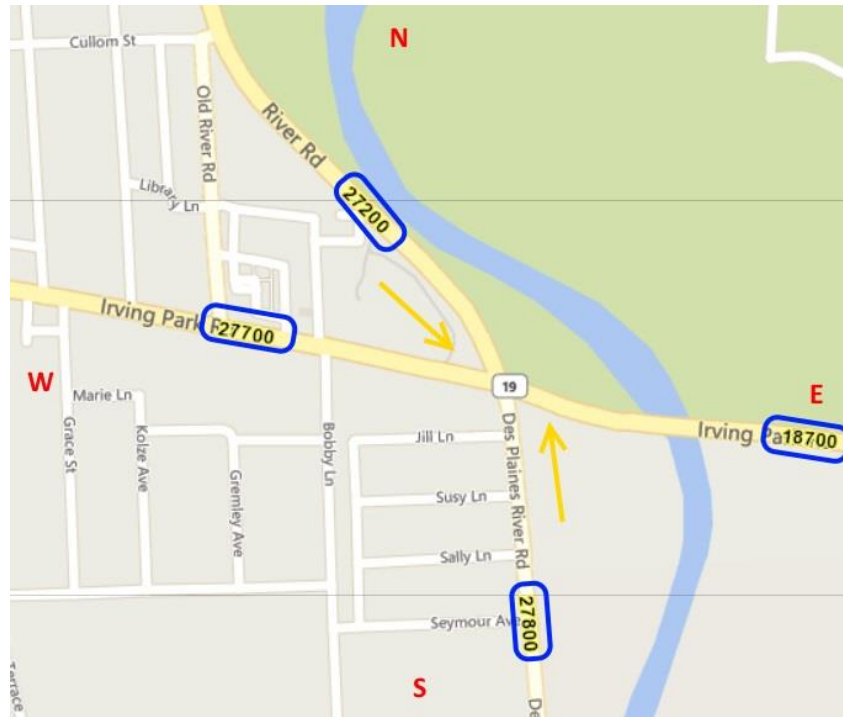
From 2017-2018, prior to the RLR camera installation, the combined average of ADTC was 107,667.

From 2020-2022, post RLR camera installation, the combined average of ADTC was 99,500 – a reduction of 7.59%.

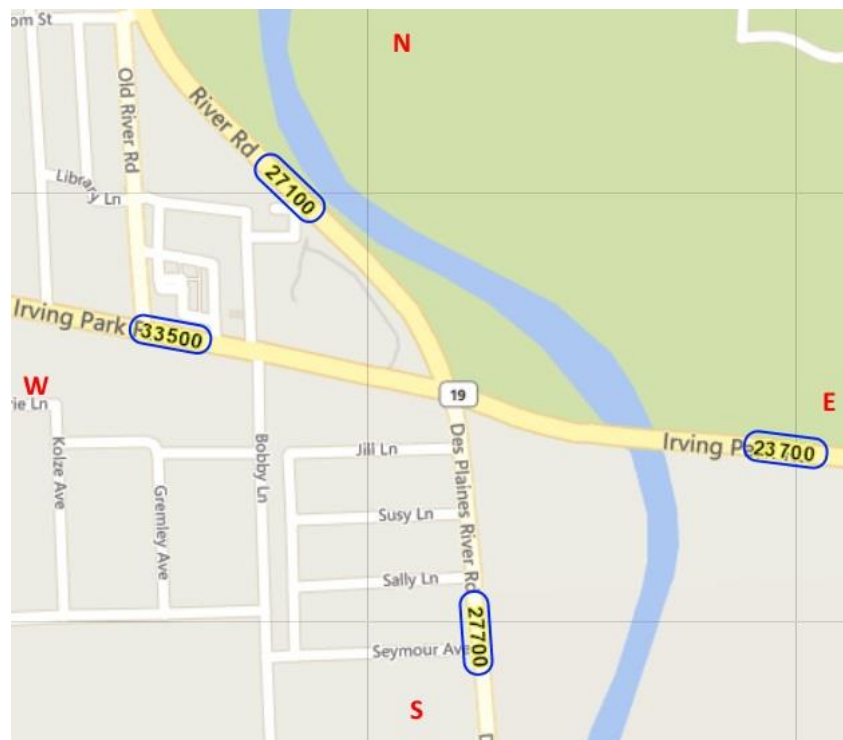
The following pages show the complete ADTC data from 2017-2022 obtained from the IDOT’s website.

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.

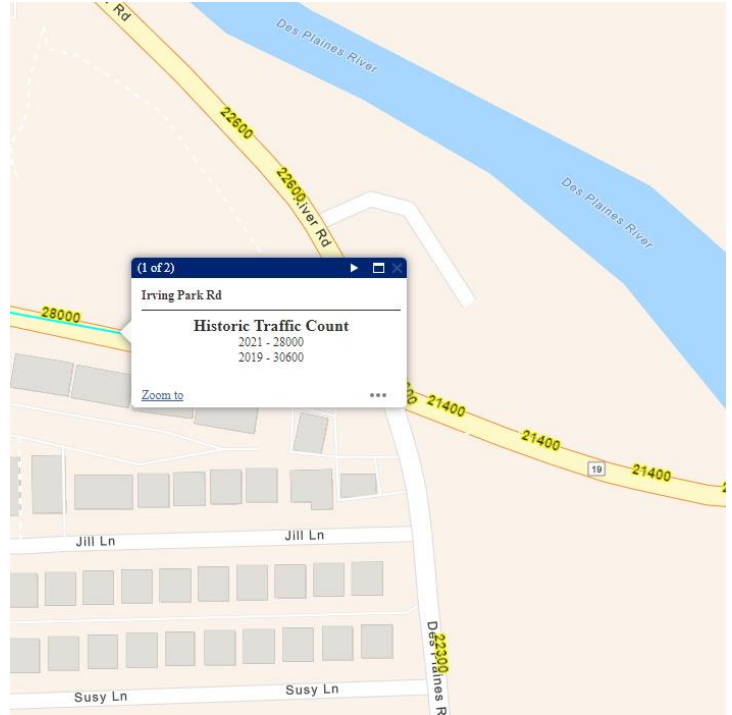
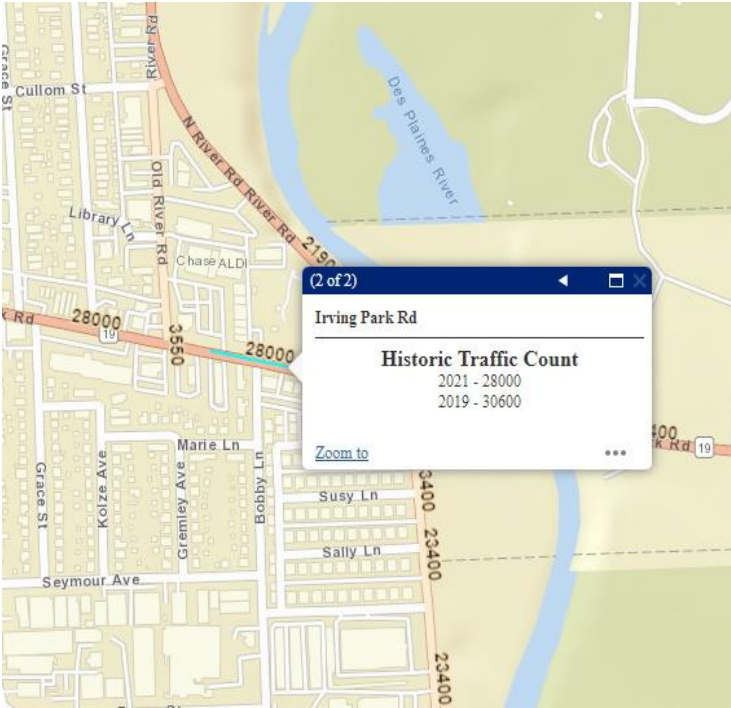
2017



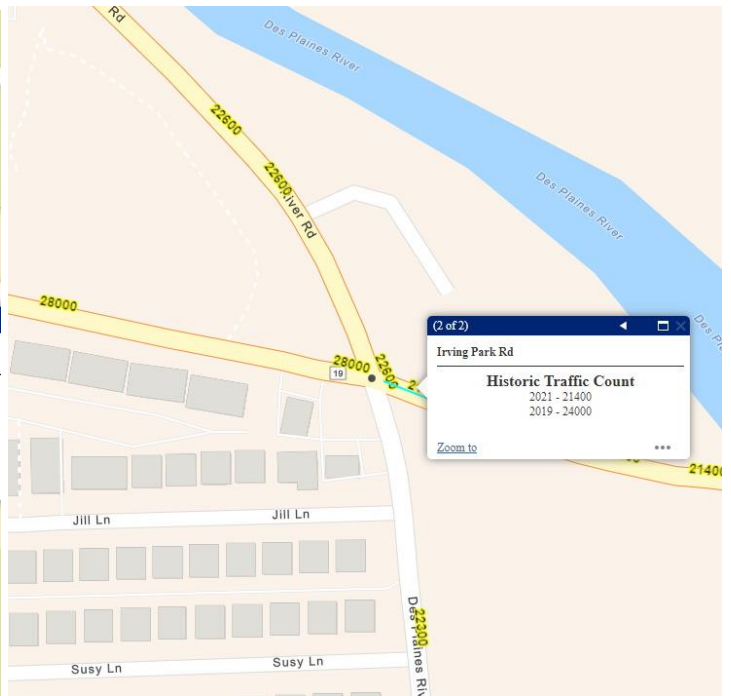
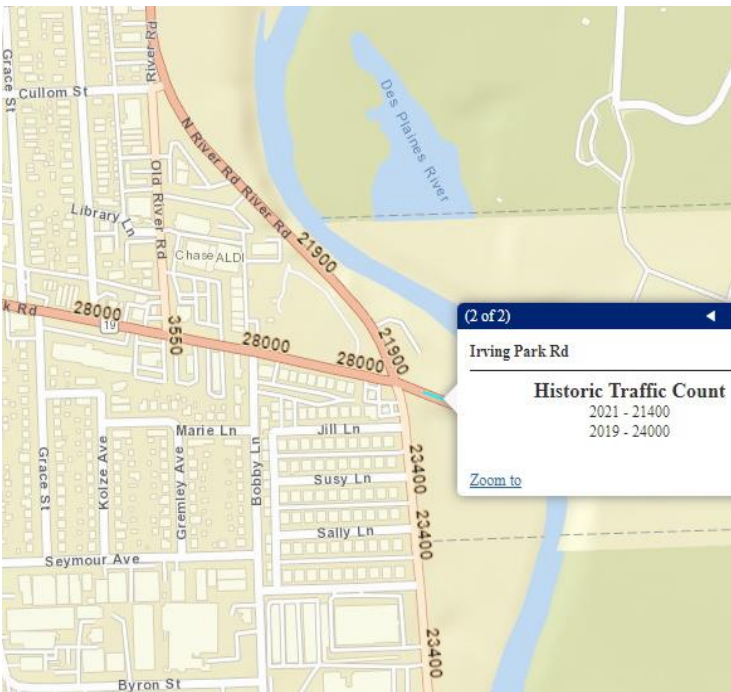
2018



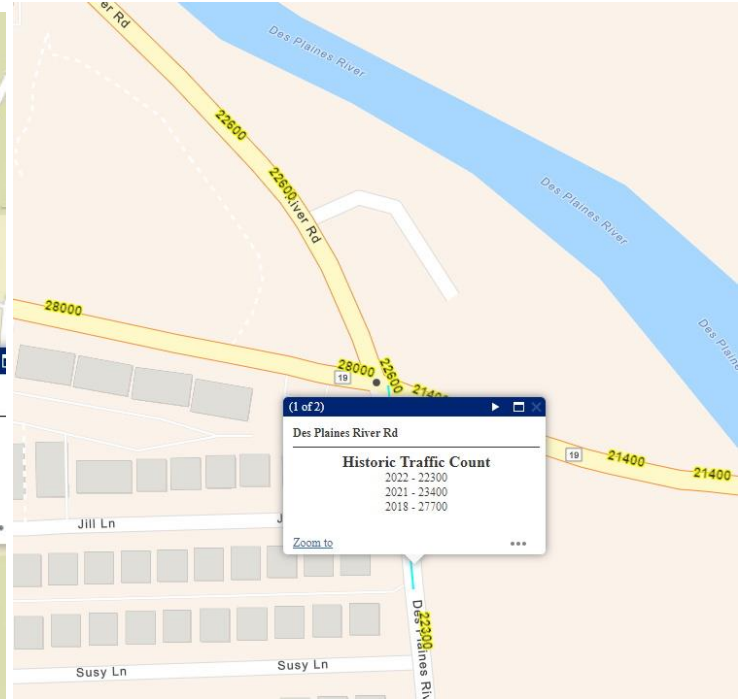
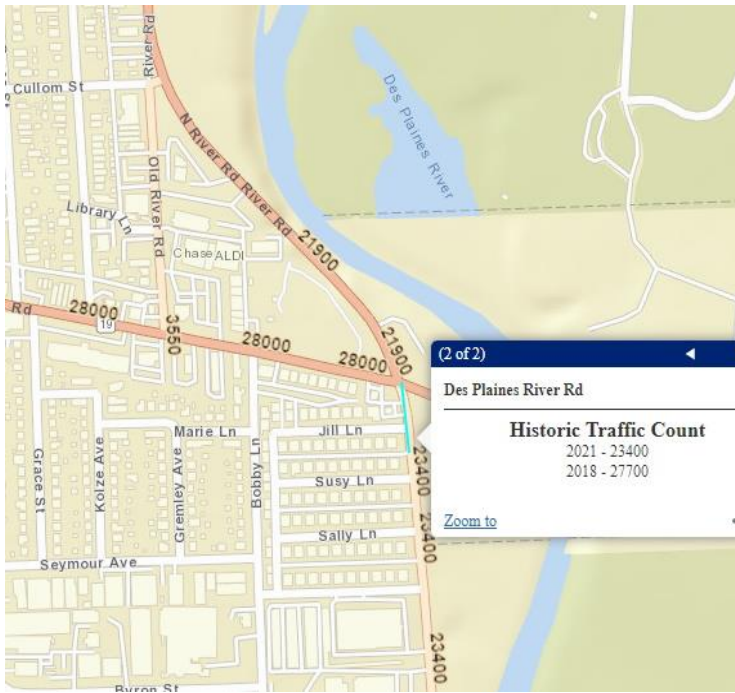
Eastbound



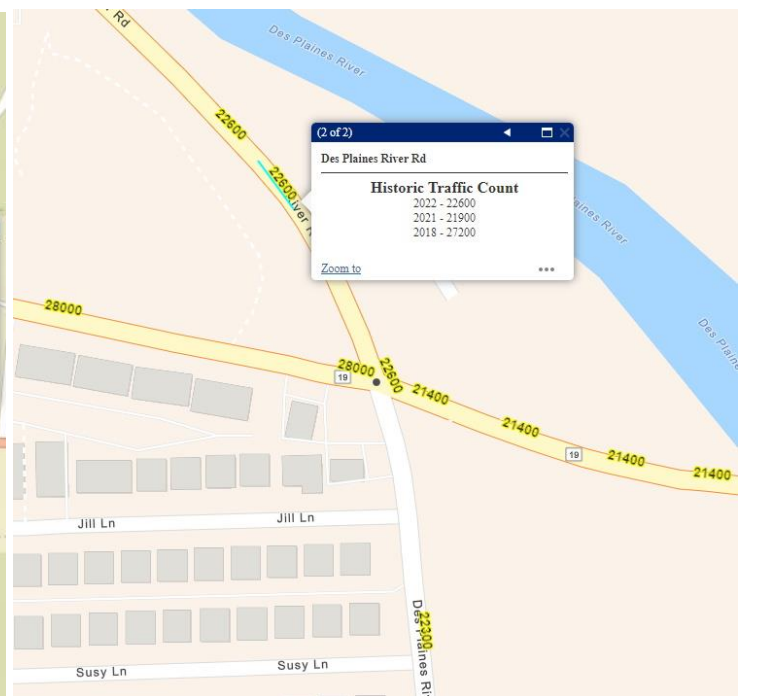
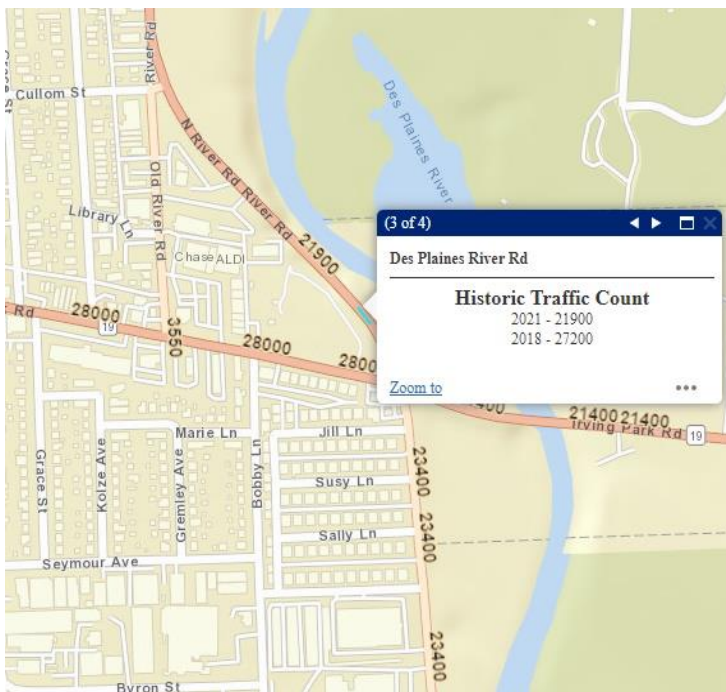
Westbound



Northbound



Southbound





4. Summary of Adjudication



The summary of tickets contested “in person” and “by mail” for the **Northbound** approach of **Irving Park Rd and River Rd** from 2021 to 2022.

	2021	2022
In Person	115	109
By Mail	151	107

The summary of tickets contested “in person” and “by mail” for the **Southbound** approach of **Irving Park Rd and River Rd** from 2021 to 2022.

	2021	2022
In Person	104	100
By Mail	160	170



5. Report Summary and Recommendation

The **Village of Schiller Park** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Schiller Park** 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 2017-2018, prior to the RLR camera installation, the combined average of ADTC was 107,667. From 2020-2022, post RLR camera installation, the combined average of ADTC was 99,500 – a reduction of 7.59%. (See tab 3)

From 2014-2018, prior to the installation of the RLR cameras, there were 128 total crashes; this averages out to 25.6 total crashes a year. From 2020-2022, post RLR camera installation, there were 73 total crashes, a 4.95% reduction of overall crashes in direct comparison with the time period aforementioned. (See tab 2)

Following the installation of the RLR cameras, total crashes have gone down 4.95% with a reduction of 7.59% 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 **Irving Park Rd and River Rd** in the **Village of Schiller Park** 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.