Gunnison St and Nagle Ave

<Eastbound>

Harwood Heights, IL

RLR Follow-Up

Evaluation Report

Reference No: 016-89768

May 2026

Harwood Heights Police Department

John DeVries
Chief of Police

7300 W. Wilson Avenue
Harwood Heights, IL 60706
Phone: (708) 867-4353

June 2, 2026

Jonathan E. Karabowicz, P.E.
Traffic Permits Engineer

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

Re: RLR Follow-Up Evaluation Report
Gunnison St and Nagle Ave (Eastbound)
Village of Harwood Heights
Ref #: 016-89768

Dear Mr. Karabowicz,

Please find enclosed a copy of the 1 Year RLR Follow-Up Evaluation Report for the intersection of Gunnison St and Nagle Ave in Harwood Heights, Illinois.

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.

Should you have any questions regarding this submittal, or require any additional information, please feel free to contact us at 708-867-4353, devriesj@harwoodheights.org.

Respectfully,

On behalf of the Village of Harwood Heights
John DeVries
Chief of Police

RLR FOLLOW-UP EVALUATION REPORT CHECKLIST

Reference Number:			Date:
Location:			Firm:
Yes	No	N/A	
☐	☐	☐	Intersection location and RLR camera approaches identified
☐	☐	☐	Date of RLR camera implementation
☐	☐	☐	RLR camera system manufacturer and contractor name
☐	☐	☐	Crash data including 3 years prior to RLR camera installation with post period crash data
☐	☐	☐	Analysis of crash data
☐	☐	☐	Signal timing changes
☐	☐	☐	Traffic volumes before and after RLR cameras
☐	☐	☐	Recommendations
☐	☐	☐	Summary of adjudication experience and results

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

In 2025, the **Village of Harwood Heights** received approval from the Illinois Department of Transportation (IDOT) to install a Red Light Running (RLR) camera on the **Eastbound** approach at the intersection of **Gunnison St and Nagle Ave**. The installation followed a comprehensive analysis and justification process.

- Date on which the camera went live at the eastbound approach: **04/2025**

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.

RLR Camera System Manufacturer	Electrical Contractor
AllTech Tracking, LLC 328 S. Jefferson St Suite # 550 Chicago, IL 60661 Phone: (877) 237-2331 Fax: (877) 237-2302 Email: info@alltechtracking.com Key Contact: Ryan Kim, P.E. Phone: (312) 924-7248 Email: rkim@alltechtracking.com	**Meade Electric Company** 625 Willowbrook Center Parkway Willowbrook, IL 60527 Phone: (708) 588-2500 Fax: (708) 588-2501 Email: info@meadeelectric.com Web: meadeelectric.com Key Contact: Mr. Michael Knutson Phone: (708) 588-2500 Email: mkk@meade100.com

2. RLR Crash Data and Analysis

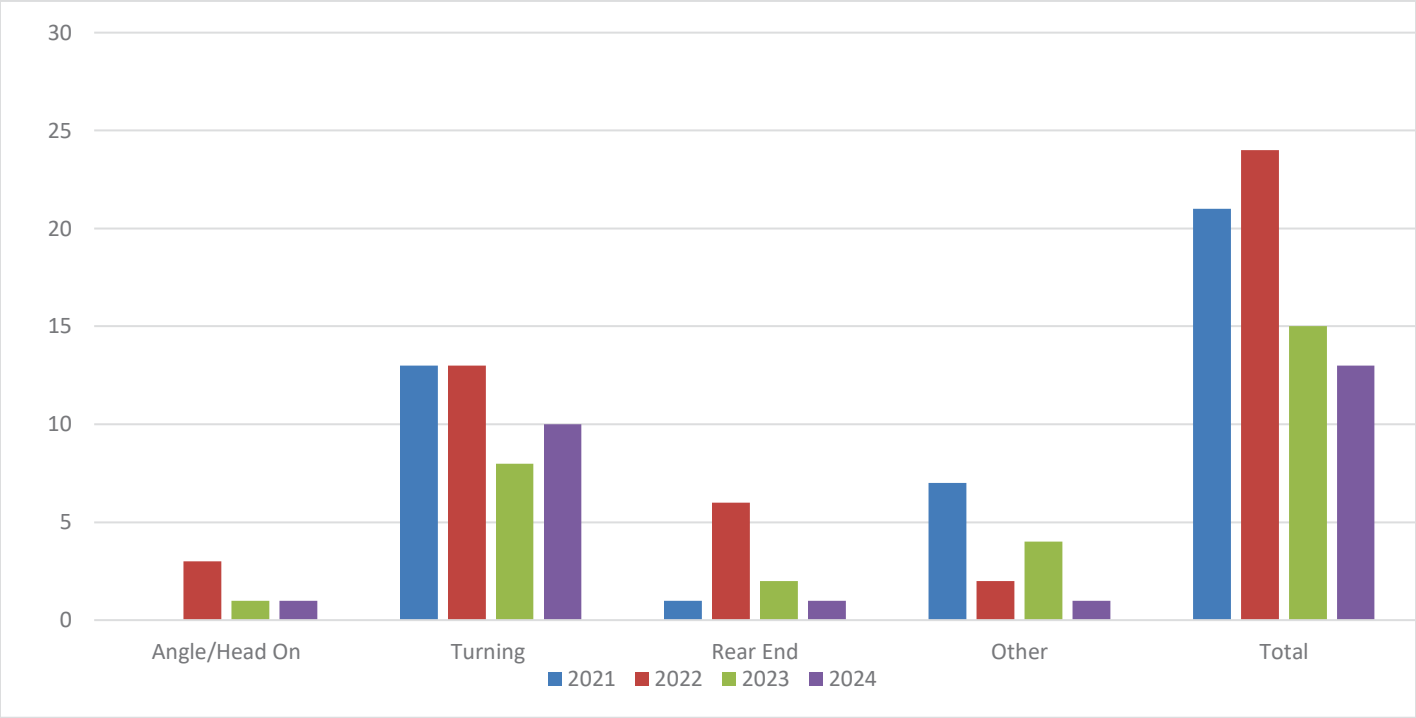
The table below shows a summary of motor vehicle crashes at the intersection of **Gunnison St and Nagle Ave** over a span of 4 years*.

	Angle	Head On	Turning	Rear End	Pedalcyclist /Pedestrian	Sideswipe	Fixed Object	Total
2021	0	0	13	1	1	4	2	21
2022	3	0	13	6	0	1	1	24
2023	1	0	8	2	0	3	1	15
2024	1	0	10	1	0	1	0	13
2025	N/A							

The data from 2021-2024 shows the period prior to the installation of a RLR camera.

The data from 2025, the year in which the camera was installed, is not available.

The Chart below shows the trend of each crash type from 2021-2024.



	Year \ Type	Angle/ Head On	Turning	Rear End	Other*	Total	Yearly Average
Before Installation	**2021**	0	13	1	7	**21**	**18.25**
	2022	3	13	6	2	**24**	
	2023	1	8	2	4	**15**	
	2024	1	10	1	1	**13**	
	2025	**N/A**					

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

From the years 2021-2024, prior to RLR camera installation, there were 73 total crashes; this averages out to 18.25 crashes a year.

The data from 2025, the year in which the camera was installed, was not available yet.

The following pages contain crash data summary pages from 2021-2024. The complete crash data can be obtained by contacting the IDOT via DOT.DTS.DataRequests@illinois.gov.

Coordinate Collision Diagram Report

1/1/2021 to 12/31/2021

For XCoordinate 2943454.78 : YCoordinate 1939999.83 | 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
21	0	0	3	3	15	0	10	0	5	5

Type of Crash	*Total*	%
Fixed Object	2	9.5%
Front to Rear	1	4.8%
Pedalcyclist	1	4.8%
Sideswipe Same Direction	4	19.0%
Turning	13	61.9%
TOTAL:	***21***	

Dayof Wk	*Total*	%
Monday	1	4.8%
Tuesday	2	9.5%
Wednesday	2	9.5%
Thursday	4	19.0%
Friday	7	33.3%
Saturday	5	23.8%
TOTAL:	***21***	

Hour of Day	*Total*	%
05 AM	1	4.8%
07 AM	2	9.5%
08 AM	1	4.8%
Noon	1	4.8%
2 PM	2	9.5%
3 PM	6	28.6%
5 PM	3	14.3%
6 PM	1	4.8%
7 PM	1	4.8%
8 PM	1	4.8%
9 PM	1	4.8%
10 PM	1	4.8%
TOTAL:	***21***	

Vehicle Type	*Total*	%
Other	1	2.4%
Passenger	26	61.9%
Pickup	1	2.4%
SUV	10	23.8%
Tractor With Semi-Trailer	1	2.4%
Van/Mini-Van	3	7.1%
TOTAL:	***42***	

Weather Cond	*Total*	%
Clear	17	81.0%
Other	1	4.8%
Rain	2	9.5%

Light Cond	*Total*	%
Darkness, Lighted Road	2	9.5%
Daylight	16	76.2%
Dusk	2	9.5%

Road Surface	*Total*	%
Dry	15	71.4%
Unknown	1	4.8%
Wet	5	23.8%
TOTAL:	***21***	

DIRP	*Total*	%
East	7	16.7%
North	9	21.4%
Northeast	2	4.8%
Northwest	3	7.1%

Coordinate Collision Diagram Report

1/1/2022 to 12/31/2022

For XCoordinate 2943454.78 : YCoordinate 1939999.83 | 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
24	0	0	4	0	20	0	5	0	5	0

Type of Crash	*Total*	%
Angle	3	12.5%
Fixed Object	1	4.2%
Front to Rear	6	25.0%
Sideswipe Same Direction	1	4.2%
Turning	13	54.2%
TOTAL:	***24***	

Dayof Wk	*Total*	%
Monday	1	4.2%
Tuesday	4	16.7%
Wednesday	5	20.8%
Thursday	5	20.8%
Friday	5	20.8%
Saturday	1	4.2%
Sunday	3	12.5%
TOTAL:	***24***	

Hour of Day	*Total*	%
07 AM	2	8.3%
08 AM	2	8.3%
09 AM	1	4.2%
11 AM	4	16.7%
Noon	3	12.5%
3 PM	1	4.2%
4 PM	6	25.0%
6 PM	1	4.2%
7 PM	2	8.3%
9 PM	2	8.3%
TOTAL:	***24***	

Vehicle Type	*Total*	%
Motorcycle	1	2.1%
Passenger	26	54.2%
SUV	18	37.5%
Tractor With Semi-Trailer	1	2.1%
Tractor Without Semi-Trailer	1	2.1%
Van/Mini-Van	1	2.1%
TOTAL:	***48***	

Weather Cond	*Total*	%
Clear	19	79.2%
Cloudy/Overcast	1	4.2%
Freezing Rain or Freezing Drizzle	1	4.2%
Rain	2	8.3%
Unknown	1	4.2%
TOTAL:	***24***	

Light Cond	*Total*	%
Darkness, Lighted Road	3	12.5%
Daylight	18	75.0%
Dusk	2	8.3%
Unknown	1	4.2%
TOTAL:	***24***	

Road Surface	*Total*	%
Dry	17	70.8%
Snow or Slush	1	4.2%
Unknown	1	4.2%
Wet	5	20.8%
TOTAL:	***24***	

DIRP	*Total*	%
East	12	25.0%
North	13	27.1%
Northwest	2	4.2%
South	9	18.8%
Southeast	2	4.2%
Southwest	5	10.4%

Coordinate Collision Diagram Report

1/1/2023 to 12/31/2023

For XCoordinate 2943451.408 : YCoordinate 1939997.453 | 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
15	0	1	4	1	9	0	7	1	5	1

Type of Crash	*Total*	*%*
Angle	1	6.7%
Fixed Object	1	6.7%
Front to Rear	2	13.3%
Sideswipe Same Direction	3	20.0%
Turning	8	53.3%
TOTAL:	***15***	

Dayof Wk	*Total*	*%*
Monday	2	13.3%
Wednesday	1	6.7%
Thursday	5	33.3%
Friday	1	6.7%
Saturday	2	13.3%
Sunday	4	26.7%
TOTAL:	***15***	

Hour of Day	*Total*	*%*
01 AM	1	6.7%
02 AM	2	13.3%
07 AM	1	6.7%
10 AM	1	6.7%
11 AM	1	6.7%
2 PM	2	13.3%
3 PM	1	6.7%
5 PM	3	20.0%
7 PM	1	6.7%
8 PM	1	6.7%
10 PM	1	6.7%
TOTAL:	***15***	

Vehicle Type	*Total*	*%*
Motorcycle	1	3.2%
Passenger	18	58.1%
SUV	10	32.3%
Tractor Without Semi-Trailer	1	3.2%
Van/Mini-Van	1	3.2%
TOTAL:	***31***	

Weather Cond	*Total*	*%*
Clear	13	86.7%
Rain	1	6.7%
Snow	1	6.7%
TOTAL:	***15***	

Light Cond	*Total*	*%*
Darkness, Lighted Road	4	26.7%
Daylight	11	73.3%
TOTAL:	***15***	

Road Surface	*Total*	*%*
Dry	12	80.0%
Ice	1	6.7%
Wet	2	13.3%
TOTAL:	***15***	

DIRP	*Total*	*%*
East	8	25.8%
North	7	22.6%
Northeast	1	3.2%
South	7	22.6%
Southeast	2	6.5%

Coordinate Collision Diagram Report

1/1/2024 to 12/31/2024

For XCoordinate 2943453.99 : YCoordinate 1939996.65 | 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
13	0	0	1	1	11	0	2	0	1	1

Type of Crash	*Total*	*%*
Angle	1	7.7%
Front to Rear	1	7.7%
Sideswipe Same Direction	1	7.7%
Turning	10	76.9%
TOTAL:	***13***	

Dayof Wk	*Total*	*%*
Monday	3	23.1%
Tuesday	1	7.7%
Wednesday	2	15.4%
Thursday	3	23.1%
Friday	1	7.7%
Saturday	1	7.7%
Sunday	2	15.4%
TOTAL:	***13***	

Hour of Day	*Total*	*%*
04 AM	1	7.7%
06 AM	1	7.7%
07 AM	1	7.7%
09 AM	2	15.4%
11 AM	1	7.7%
4 PM	2	15.4%
5 PM	2	15.4%
6 PM	2	15.4%
10 PM	1	7.7%
TOTAL:	***13***	

Vehicle Type	*Total*	*%*
Motorcycle	1	3.6%
Passenger	11	39.3%
Pickup	1	3.6%
Single Unit Truck with Trailer	1	3.6%
SUV	13	46.4%
Van/Mini-Van	1	3.6%
TOTAL:	***28***	

Weather Cond	*Total*	*%*
Clear	13	100.0%
TOTAL:	***13***	

Light Cond	*Total*	*%*
Darkness, Lighted Road	4	30.8%
Dawn	1	7.7%
Daylight	8	61.5%
TOTAL:	***13***	

Road Surface	*Total*	*%*
Dry	12	92.3%
Wet	1	7.7%
TOTAL:	***13***	

DIRP	*Total*	*%*
East	5	17.9%
North	5	17.9%
Northeast	2	7.1%
Northwest	1	3.6%
South	6	21.4%
Southeast	1	3.6%
Southwest	2	7.1%

3. Traffic Volume

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Gunnison St and Nagle Ave** over a span of 9 years.

The history of available ADTC on each approach was obtained from the IDOT website per the RLR Guideline document published by the IDOT and recorded in **bold** below. (http://www.gettingaroundillinois.com/gai.htm?mt=aadt)

The data from 2018-2024 shows the period prior to the installation of a RLR camera.

The data from 2025 shows the year in which the camera was installed.

The data from 2026 shows the period following the installation.

	Direction / Year	Eastbound	Westbound	Northbound	Southbound	Combined	Combined Avg
Before Installation	**2018**	**14,700**	**11,500**	**19,500**	**20,600**	**66,300**	**63,107**
	2019	14,700	11,500	19,500	20,600	**66,300**	
	2020	14,700	11,500	19,500	20,600	**66,300**	
	2021	**14,500**	**9,200**	**16,100**	**19,600**	**59,400**	
	2022	**14,500**	**8,950**	**14,000**	**18,000**	**55,450**	
	2023	**14,400**	**9,800**	**16,500**	**23,300**	**64,000**	
	2024	14,400	9,800	16,500	23,300	**64,000**	
	2025	**13,500**	**9,800**	**15,900**	23,300	**62,500**	
After Installation	**2026**	13,500	9,800	15,900	23,300	**62,500**	**62,500**

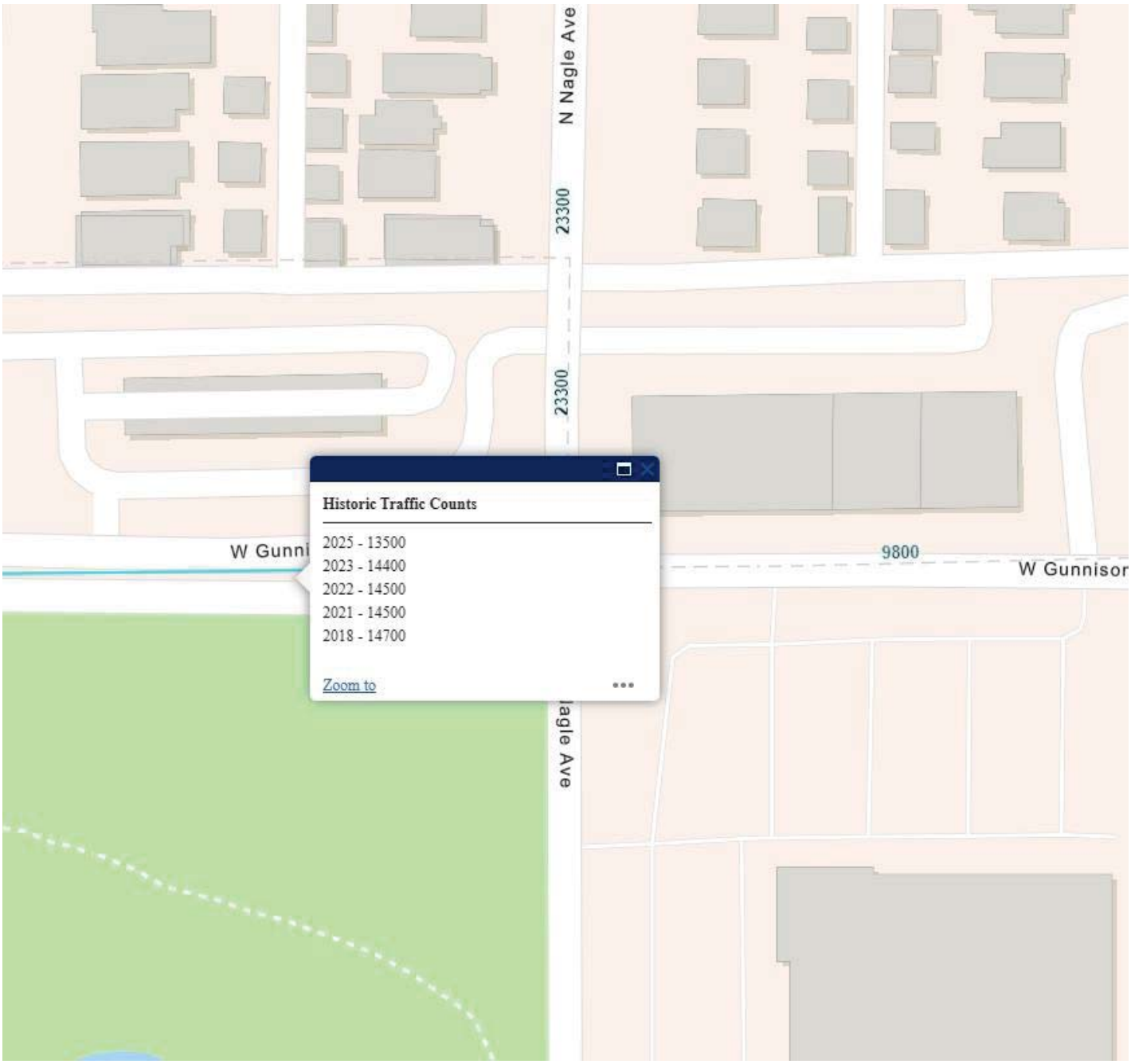
From the years 2018-2024, prior to RLR camera installation, the combined average of ADTC was 63,107.

From 2026, post RLR camera installation, the combined average of ADTC was 62,500 - a slight decrease of 0.96%.

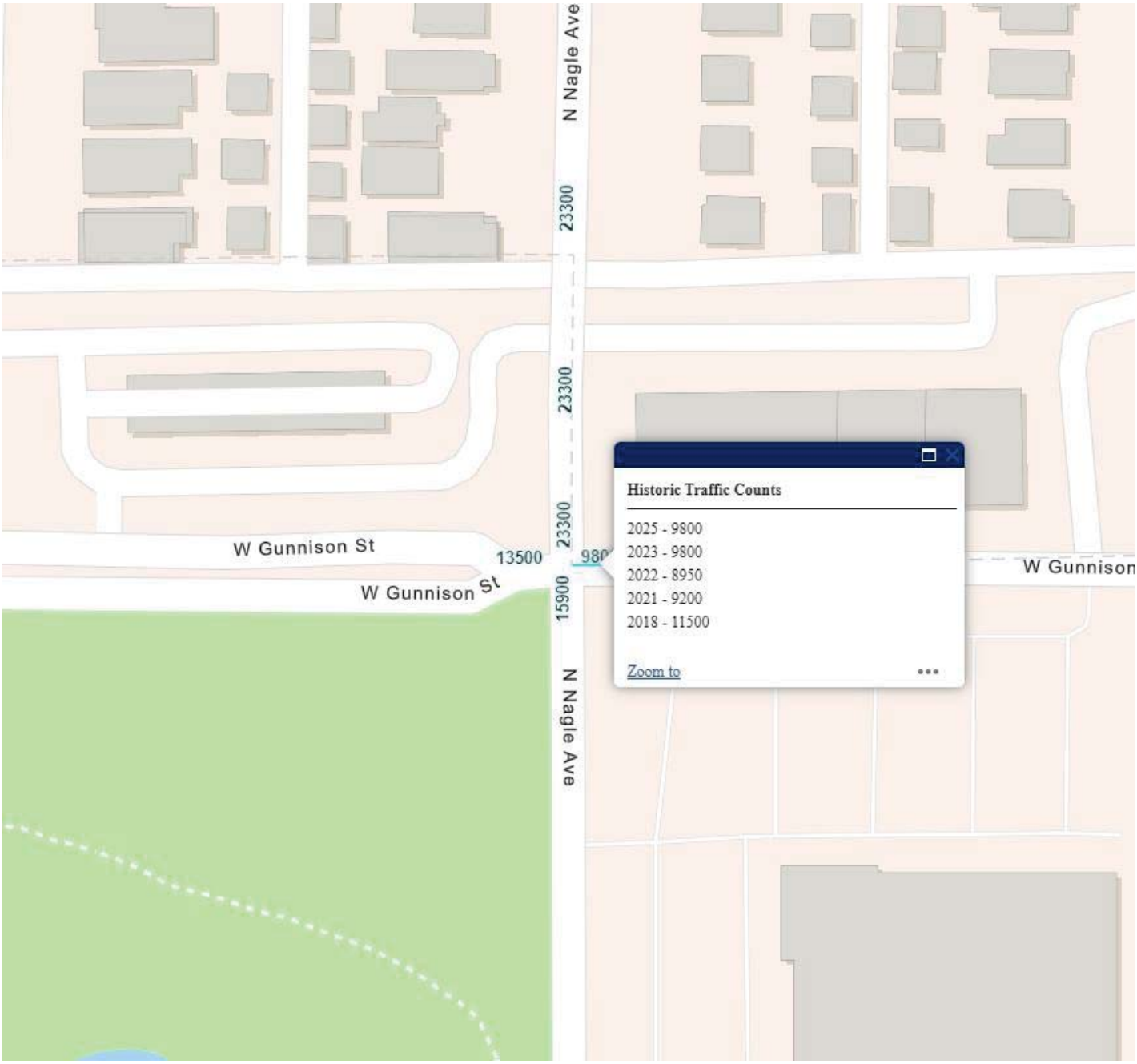
The following pages show the complete ADTC data from 2018-2026 obtained from the IDOT's website.

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

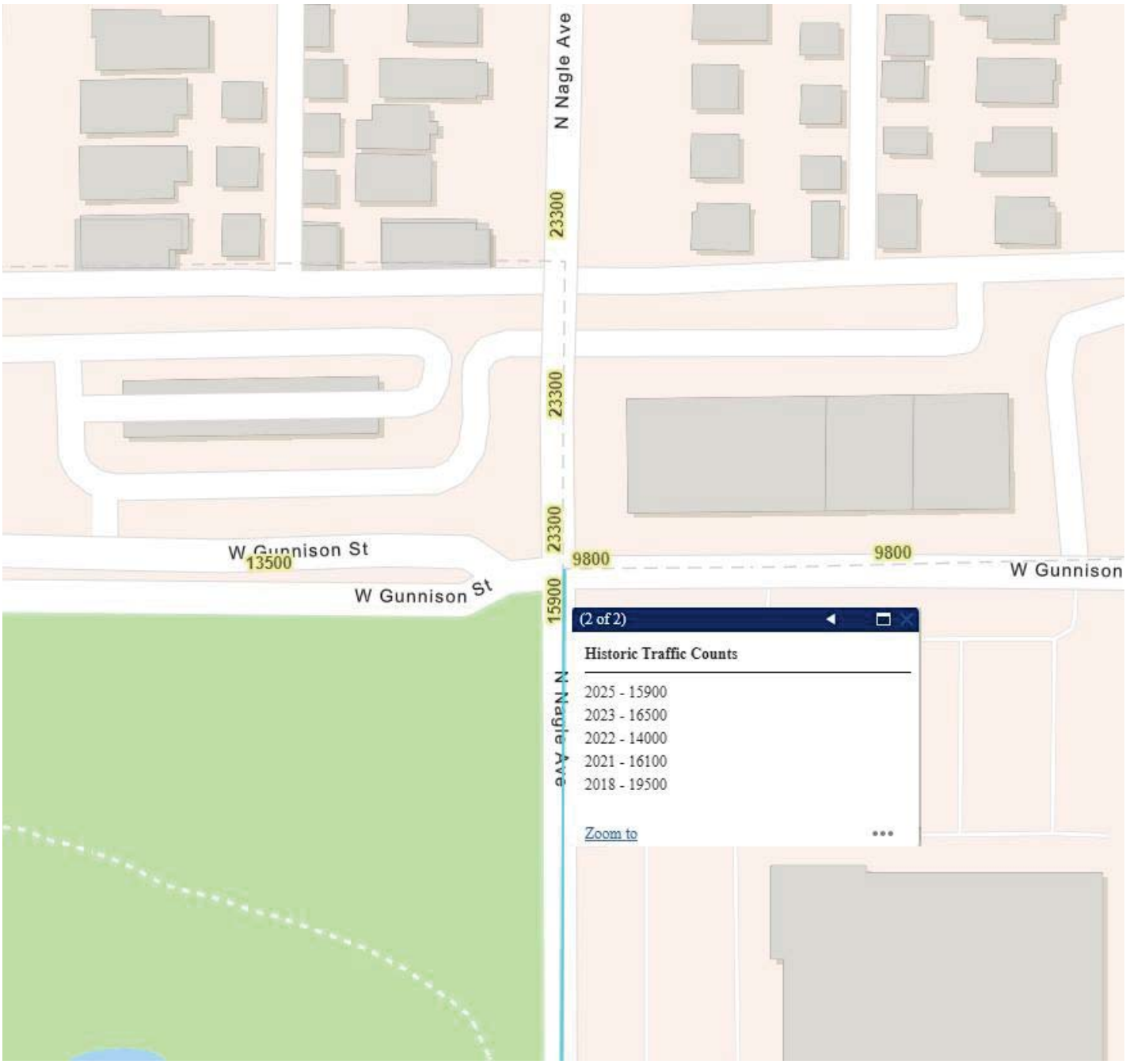
Eastbound ADTC



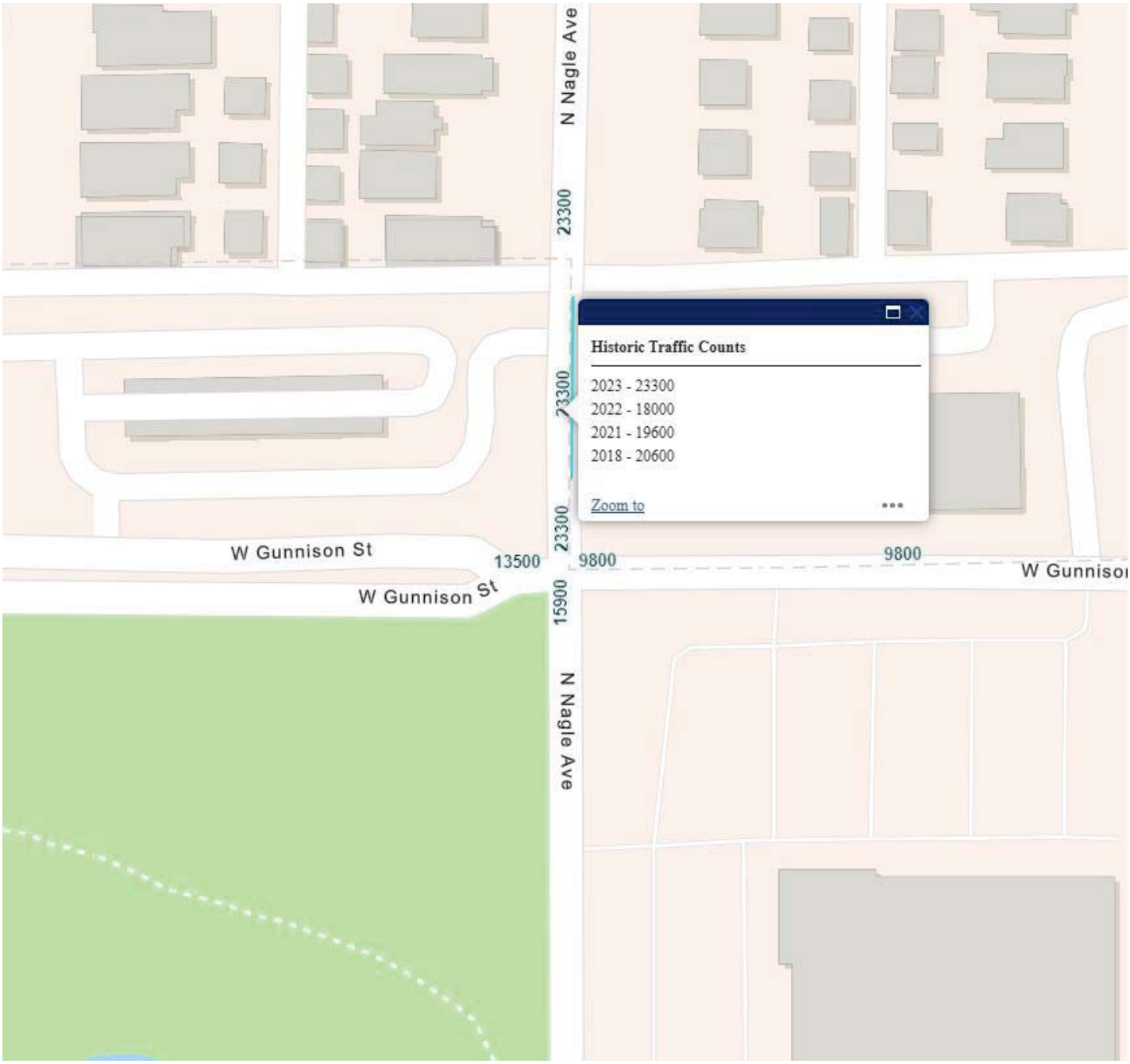
Westbound ADTC



Northbound ADTC



Southbound ADTC



4. Summary of Adjudication

The summary of tickets contested “in person” and “by mail” for the **Eastbound** approach of **Gunnison St and Nagle Ave** in 2025.

	2025
In Person*	42
By Mail**	24

* 07/01/2025 - 12/31/2025
** 06/01/2025 - 12/31/2025

5. Report Summary

The **Village of Harwood Heights** uses state-of-the-art digital cameras to execute its RLR Enforcement Safety Program. The citation and adjudication process administered by the **Village of Harwood Heights** 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.

In 2025, the **Village of Harwood Heights** received approval from the Illinois Department of Transportation (IDOT) to install a Red Light Running (RLR) camera on the **Eastbound** approach at the intersection of **Gunnison St and Nagle Ave**. The installation followed a comprehensive analysis and justification process.

- Date on which the camera went live at the eastbound approach: **04/2025**

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.

From the years 2018-2024, prior to RLR camera installation, the combined average of ADTC was 63,107. From 2026, post RLR camera installation, the combined average of ADTC was 62,500 - a slight decrease of 0.96%. (See tab 3)

From the years 2021-2024, prior to RLR camera installation, there were 73 total crashes; this averages out to 18.25 crashes a year. 2025 crash data was not available at the time of preparing this report. (See tab 2)

Over 1,000 people are killed annually in red-light running crashes in the U.S., with figures around 1,086 in 2023 and 1,149 in 2022, according to the Insurance Institute for Highway Safety (IIHS). More than 135,000 people were injured in red light running crashes in 2023 alone.

The presence of these RLR cameras acts as a strong deterrent; drivers who know they are monitored are more likely to obey traffic signals diligently to avoid fines. Research from IIHS indicates that RLR cameras reduce fatal red-light running crash rates by approximately 21% in large cities and the rate of all types of fatal crashes at signalized intersections by 14%.

Because enhanced traffic safety is the primary goal of Red Light Running (RLR) program, the system must remain at **Gunnison St and Nagle Ave** as the **Village of Harwood Heights** will continue monitoring the RLR camera at this intersection, gathering multi-year data to thoroughly evaluate its long-term effectiveness. The RLR system serves as a critical anchor in a comprehensive traffic strategy that unites public education, enforcement, and engineering.