



Crash History and Analysis

- Table 2 includes crash data obtained from the Illinois Department of Transportation, detailing angle, turning, rear-end, and other type crashes occurring at the intersection pre/post RLR Photo Enforcement System installation.

ALL INTERSECTION APPROACHES

	Crashes								Total
	Rear-End (% of Total)		Angle (% of Total)		Turning (% of Total)		Other (% of Total)		
2008	18	58.1%	3	09.7%	10	32.2%	0	00.0%	31
2009	5	27.8%	0	00.0%	11	61.1%	2	11.1%	18
2010	8	50.0%	0	00.0%	8	50.0%	0	00.0%	16
Total	31	47.7%	3	04.6%	29	44.6%	2	03.1%	65
2008-2010 Average	10.3		1.0		9.7		0.7		21.7

RLR Camera Installation 02/01/11									
2011	4	23.5%	2	11.8%	11	64.7%	0	00.0%	17
2012	8	38.1%	1	04.8%	12	57.1%	0	00.0%	21
2013	10	38.5%	3	11.5%	11	42.3%	2	07.7%	26
2014	10	45.5%	0	00.0%	11	50.0%	1	04.5%	22
2015	5	31.3%	2	12.5%	7	43.7%	2	12.5%	16
2016	6	30.0%	0	00.0%	11	55.0%	3	15.0%	20
2017	2	28.6%	1	14.3%	4	57.1%	0	00.0%	7
2018	12	33.3%	2	07.4%	9	33.3%	4	14.8%	27
Total	53	38.1%	9	06.5%	65	46.8%	12	08.6%	139
2012-2018 Average	7.6		1.3		9.3		1.7		19.9

- Other indicates the following: Pedestrian, Pedal Cyclist, Fixed Object, Sideswipe, Head-On and Unknown

Table 2

DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation, based upon information derived from multiple sources. 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 prior years, since the data prior to 2015 was physically located by bureau personnel. Given the subjective nature of the reporting process, the modifications in the incident locating protocols and the changes to the crash reporting thresholds effective 2009, the Village of Winfield acknowledges the potential for discrepancies in the final conclusions drawn.



Crash History and Analysis (continued)

- Table 3 includes crash data obtained from the Illinois Department of Transportation, detailing angle, turning, rear-end, and other-type crashes occurring at the intersection on the eastbound approach only, pre/post RLR Photo Enforcement System installation.

**EASTBOUND APPROACH ONLY
 (PHOTO ENFORCED APPROACH)**

	Crashes								
	Rear-End (% of Total)		Angle (% of Total)		Turning (% of Total)		Other (% of Total)		Total
2008	7	53.8%	1	07.7%	5	38.5%	0	00.0%	13
2009	1	12.5%	0	00.0%	7	87.5%	0	00.0%	8
2010	2	28.6%	0	00.0%	5	71.4%	0	00.0%	7
Total	10	35.7%	1	03.6%	17	60.7%	0	00.0%	28
2008-2010 Average	3.3		0.3		5.7		0.0		9.3

RLR Camera Installation 02/01/11									
2011	1	11.1%	1	11.1%	7	77.7%	0	00.0%	9
2012	2	20.0%	0	00.0%	8	80.0%	0	00.0%	10
2013	1	12.5%	2	25.0%	5	62.5%	0	00.0%	8
2014	1	12.5%	0	00.0%	7	87.5%	0	00.0%	8
2015	3	42.8%	1	14.3%	2	28.6%	1	14.3%	7
2016	0	00.0%	0	00.0%	7	100.0%	0	00.0%	7
2017	1	20.0%	1	20.0%	3	60.0%	0	00.0%	5
2018	5	38.5%	0	00.0%	7	53.8%	1	07.7%	13
Total	13	22.4%	4	06.9%	39	67.2%	2	03.4%	58
2012-2018 Average	1.9		0.6		5.6		0.3		8.3

- Other indicates the following: Pedestrian, Pedal Cyclist, Fixed Object, Sideswipe, Head-On and Unknown

Table 3

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Adjudication Experience

RLR camera violations are contested and adjudicated through an administrative hearing conducted each month. Adjudication data for the Village’s Automated Enforcement Program is shown below in Table 1.

VILLAGE OF WINFIELD ADJUDICATION FOR AUTOMATED PHOTO ENFORCEMENT PROGRAM		
YEAR /TOTALS	LIABLE	NOT LIABLE
2011	270	44
2012	297	43
2013	258	25
2014	344	27
2015	215	23
2016	185	17
2017	368	57
2018	343	51
2019	202	30
TOTAL:	2,482	317

Table 1

The high quality video footage and photographic evidence produced by the enforcement system is a contributing factor in a majority of the contested RLR violations being upheld by the Hearing Officer. The police officers assigned to review and approve/reject potential violations are vigilant in applying the same officer discretion and criteria they would if issuing an in-person citation, resulting in only highly prosecutable violations being mailed out.

Winfield Police Department Violation Approval Percentages

Month / Year	Sent by RedSpeed	Approved by PD	Percentage
April 2016	357	314	87
May 2016	446	391	87
June 2016	580	509	87
July 2016	479	417	87
August 2016	385	332	86
September 2016	766	660	86
October 2016	768	642	83
November 2016	Data Error		
December 2016	626	539	86
January 2017	582	415	71
February 2017	674	596	88
March 2017	605	562	93
April 2017	714	660	92
May 2017	771	717	93
June 2017	781	710	92
July 2017	792	708	89
August 2017	879	788	90
September 2017	888	775	87
October 2017	681	572	86
November 2017	849	746	89
December 2017	597	525	88
January 2018	487	415	85
February 2018	568	506	89
March 2018	568	514	90
April 2018	732	672	91
May 2018	612	567	92
June 2018	1,097	1025	93
July 2018	711	633	89
August 2018	933	833	89
September 2018	1,094	988	90
October 2018	1103	979	89
November 2018	651	577	89
December 2018	626	562	90
January 2019			
February 2019	477	425	89
March 2019	552	494	89
April 2019	658	595	90
May 2019	642	571	89
June 2019	863	744	86
July 2019	809	749	93
August 2019	519	468	90
September 2019	682	606	89

Winfield Police Department Violation Approval Percentages

October 2019	897	799	89
November 2019	496	446	90
December 2019	524	471	90
January 2020	477	420	88
February 2020			
March 2020			
April 2020			
May 2020			
June 2020			
July 2020			
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