

The table below shows a summary of motor vehicle crashes at the intersection of **Rt. 83 and 22<sup>nd</sup> St** over a span of 11 years\*.

	Angle	Turning	Rear End	Sideswipe	Fixed Object	Total
<b>2010</b>	0	12	35	0	0	<b>47</b>
<b>2011</b>	1	21	41	1	0	<b>64</b>
<b>2012</b>	0	5	25	0	0	<b>30</b>
<b>2013</b>	2	2	17	1	1	<b>23</b>
<b>2014</b>	0	3	17	0	1	<b>21</b>
<b>2015</b>	0	3	11	0	2	<b>16</b>
<b>2016</b>	0	8	13	2	0	<b>23</b>
<b>2017</b>	3	6	23	0	1	<b>33</b>
<b>2018</b>	1	12	22	3	1	<b>39</b>
<b>2019</b>	1	7	22	1	0	<b>31</b>
<b>2020</b>	3	2	9	3	0	<b>17</b>

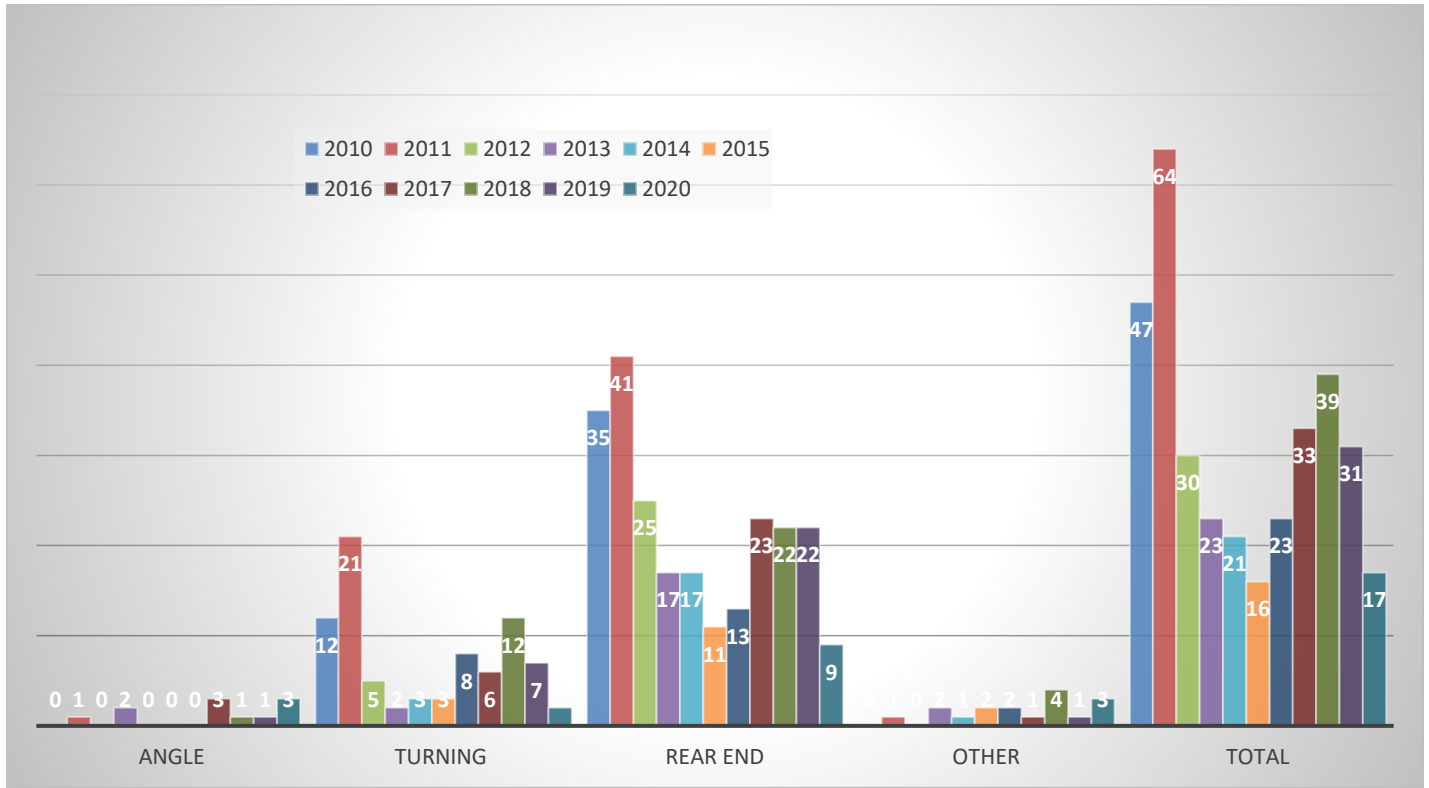
The data from 2010-2016 shows the period prior to the installation of the RLR camera.  
 The data from 2017 shows the year in which the camera was installed.  
 The data from 2018-2020 shows the period following the installation.

		Before Installation						After Installation			
Type \ Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Angle</b>	0	1	0	2	0	0	0	3	1	1	3
<b>Turning</b>	12	21	5	2	3	3	8	6	12	7	2
<b>Rear End</b>	35	41	25	17	17	11	13	23	22	22	9
<b>Other**</b>	0	1	0	2	1	2	2	1	4	1	3
<b>Total</b>	<b>47</b>	<b>64</b>	<b>30</b>	<b>23</b>	<b>21</b>	<b>16</b>	<b>23</b>	<b>33</b>	<b>39</b>	<b>31</b>	<b>17</b>
<b>Yearly Average</b>	<b>32</b>						<b>29</b>				

\* 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.

\*\* Other crashes include: Sideswipe and Fixed Object.

The Chart below shows the trend of each crash type from 2010-2020.



From 2010-2016, prior to RLR camera installation, there were 224 total crashes; this averages out to 32 crashes a year.

From 2018-2020, post RLR camera installation, there were 87 total crashes; this averages out to 29 crashes per year - a 9.38% reduction of overall crashes in direct comparison with the time period aforementioned.

The table below shows a summary of the Average Daily Traffic Count (ADTC) at the intersection of **Rt. 83 and 22<sup>nd</sup> St** over a span of 12 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>

Year Direction	Before Installation								After Installation			
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Eastbound</b>	38,900	38,900	38,900	<b>42,500</b>	42,500	42,500	42,500	<b>40,500</b>	40,500	40,500	40,500	<b>13,900</b>
<b>Westbound</b>	29,700	29,700	29,700	<b>29,900</b>	29,900	29,900	29,900	<b>33,800</b>	33,800	33,800	33,800	<b>10,500</b>
<b>Northbound</b>	<b>70,700</b>	70,700	<b>60,900</b>	60,900	<b>72,300</b>	72,300	72,300	72,300	<b>63,400</b>	63,400	<b>56,800</b>	56,800
<b>Southbound</b>	<b>56,000</b>	56,000	<b>55,000</b>	55,000	<b>56,400</b>	56,400	56,400	56,400	<b>56,400</b>	56,400	<b>49,700</b>	49,700
<b>Combined</b>	<b>195,300</b>	<b>195,300</b>	<b>184,500</b>	<b>188,300</b>	<b>201,100</b>	<b>201,100</b>	<b>201,100</b>	<b>203,000</b>	<b>194,100</b>	<b>194,100</b>	<b>180,800</b>	<b>130,900</b>
<b>Combined Avg</b>	<b>196,213</b>								<b>168,600</b>			

The data from 2009-2016 shows the period prior to the installation of the RLR camera.  
 The data from 2017 shows the year in which the camera was installed.  
 The data from 2018-2020 shows the period following the installation.

From 2009-2016, prior to RLR camera installation, the combined average of ADTC was 196,213.

From 2018-2020, post RLR camera installation, the combined average of ADTC was 168,600 – a reduction of 14.07%.

Following the installation of the RLR camera, total crashes have gone down 9.38% with a reduction of 14.07% in the combined average of ADTC.