

**IL 31 & IL 72**  
**West Dundee, IL**  
**Crash Data Comparison & Analysis Report**  
*\*Camera Installation Date: December 1, 2008*

**ALL APPROACHES**

	Rear-End	Angle	Turning	Other	Killed	Total
IDOT crash data 2005	13	0	11	3	0	27
IDOT crash data 2006	6	3	13	3	0	25
IDOT crash data 2007	10	2	9	6	0	27
<b>AVERAGE:</b>	<b>9.67</b>	<b>1.67</b>	<b>11.00</b>	<b>4.00</b>	<b>0.00</b>	<b>26.33</b>

<b>*Camera Installation: December 1, 2008</b>						
*IDOT crash data 2008	17	1	10	1	0	29

<b>Camera Active 2009 - 2012</b>						
IDOT crash data 2009	13	2	8	0	0	23
IDOT crash data 2010	9	0	5	0	0	14
IDOT crash data 2011	6	1	7	1	0	15
IDOT crash data 2012	8	1	7	0	0	16
<b>AVERAGE:</b>	<b>9.00</b>	<b>1.00</b>	<b>6.75</b>	<b>0.25</b>	<b>0.00</b>	<b>17.00</b>

<b>**Camera Removed April 2013 – August 2015</b>						
**IDOT crash data 2013	10	0	7	2	0	19
**IDOT crash data 2014	6	0	8	1	0	15
<b>AVERAGE:</b>	<b>8.00</b>	<b>0.00</b>	<b>7.50</b>	<b>1.50</b>	<b>0.00</b>	<b>17.00</b>

- Other indicates the following: Pedestrian, Pedalcyclist, Fixed Object, and Sideswipe

<b>Legend:</b>
Increase in crashes compared to pre-camera installation average
Decrease in crashes compared to pre-camera installation average
Total is equal to pre-camera installation average

Compared to pre-camera installation annual averages, during the period of 2009 – 2012 when the cameras were installed:

- Rear-End crashes **decreased** by **6.93%** post-camera installation.
- Angle crashes **decreased** by **40.12%** post-camera installation.
- Turning crashes **decreased** by **38.64%** post-camera installation.
- Other crashes **decreased** by **93.75%** post-camera installation.
- Total crashes **decreased** by **35.43%** post-camera installation.

After the camera was removed, rear-end crashes, turning crashes, other crashes, and total crashes increased in 2013 compared to the period when cameras were active. In comparison to 2013, 2014 showed a decline in rear-end crashes, other crashes, and total crashes, but turning crashes and other-type crashes remained higher than the annual averages when the camera was installed at the intersection.

\*\*\*Please note: 2015 crash data is not available until late 2016/early 2017.

*DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation, based upon information derived from multiple sources. The author is responsible for any data analyses and conclusions drawn. However, given the nature of the reporting process and the subsequent subjectivity of the analysis, the Village of West Dundee acknowledges the potential for discrepancies in the final conclusions and interpretations.*

**IL31 at Boncosky Road**  
**West Dundee, IL**  
**Crash Data Comparison & Analysis Report**  
*\*Camera Installation Date: September 1, 2008*

**ALL APPROACHES**

	Rear-End	Angle	Turning	Other	Killed	Total
IDOT crash data 2004	2	0	2	1	0	5
IDOT crash data 2005	2	1	1	2	0	6
IDOT crash data 2006	4	0	0	2	0	6
IDOT crash data 2007	1	0	1	1	0	3
<b>AVERAGE:</b>	<b>2.25</b>	<b>0.25</b>	<b>1.00</b>	<b>1.50</b>	<b>0.00</b>	<b>5.00</b>

<b><u>Camera Installation: September 1, 2008</u></b>						
*IDOT crash data 2008	4	1	0	0	0	5

IDOT crash data 2009	3	0	1	1	0	5
IDOT crash data 2010	3	0	1	0	0	4
IDOT crash data 2011	1	0	0	0	0	1
IDOT crash data 2012	2	0	0	0	0	2
**IDOT crash data 2013	6	0	2	0	0	8
***IDOT crash data 2014	3	1	2	1	0	7
<b>AVERAGE:</b>	<b>3.00</b>	<b>0.17</b>	<b>1.00</b>	<b>0.33</b>	<b>0.00</b>	<b>4.50</b>

- Other indicates the following: Pedestrian, Pedalcyclist, Fixed Object, and Sideswipe

<b>Legend:</b>
Increase in crashes compared to pre-camera installation average
Decrease in crashes compared to pre-camera installation average
Total is equal to pre-camera installation average

Although Rear-End crashes increased by 0.75 accidents on average post-camera installation:

- Angle crashes **decreased** by **32.00%** post-camera installation.
- Turning crashes **remained the same average** post-camera installation.
- Other crashes **decreased** by **78.00%** post-camera installation.
- Total crashes **decreased** by **10.00%** post-camera installation.

\*\*In 2013, 50% of accidents were related to inclement weather conditions.

\*\*\*Please note: 2015 crash data is not available until late 2016/early 2017.

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