

IL Rte. 7 (Larkin) at Moen Ave.

Rockdale, IL

Statistical Analysis Report

**Camera Installation Date: April 22, 2012 (South)*

ALL APPROACHES

	Rear-End	Angle	Turning	Other	Injury	Killed	Total
IDOT crash data 2009	6	1	2	1	9	0	10
IDOT crash data 2010	0	2	0	0	1	0	2
IDOT crash data 2011	2	0	1	0	0	0	3
AVERAGE:	2.66	1.00	1.00	0.33	3.33	0.00	5.00

RLR Camera Installed 4/22/2012

IDOT crash data 2012	0	0	4	0	2	0	4
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IDOT crash data 2013	0	1	2	1	1	0	4
IDOT crash data 2014	0	0	4	0	3	0	4
AVERAGE:	0.00	0.50	3.00	0.50	2.00	0.00	4.00

SOUTHBOUND APPROACH ONLY (PHOTO ENFORCED APPROACH)

	Rear-End	Angle	Turning	Other	Injury	Killed	Total
IDOT crash data 2009	4	1	2	0	8	0	7
IDOT crash data 2010	0	2	0	0	1	0	2
IDOT crash data 2011	1	0	1	0	0	0	2
AVERAGE:	1.66	1.00	1.00	0.00	3.00	0.00	3.66

RLR Camera Installed 6/3/2008

IDOT crash data 2012	0	0	2	0	2	0	2
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IDOT crash data 2013	0	1	2	0	1	0	3
IDOT crash data 2014	0	0	4	0	3	0	4
AVERAGE:	0.00	0.50	3.00	0.00	2.00	0.00	3.50

Legend:
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

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 Rockdale acknowledges the potential for discrepancies in the final conclusions and interpretations.

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Comparison of annual averages results the following:

- Rear-End crashes **decreased** by 100% for all approaches and by 100% for the southbound (photo enforced) approach post-camera installation.
- Angle crashes **decreased** by 50% for all approaches and by 50% for the southbound (photo enforced) approach post-camera installation.
- Turning crashes **increased** by 200% for all approaches and by 200% for the southbound (photo-enforced) approach post-camera installation.
- Other crashes **increased** by 51.51% for all approaches, but **maintained the same average** for the southbound (photo-enforced) approach post-camera installation.
- Injury related crashes **decreased** by 39.93% for all approaches and by 33.33% for the southbound (photo-enforced) approach post-camera installation.
- Total crashes **decreased** by 20% for all approaches and by 4.37% for the southbound (photo-enforced) approach post-camera installation.

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