

## 5<sup>th</sup> Avenue at IL Rte. 64 (North)

### Melrose Park, IL

#### Statistical Analysis Report

\*Camera Installation Date: December 3, 2007

Average Daily Traffic:

IL Rte. 64 (North): 59,000 (2005), 44,500 (year not displayed)

#### ALL APPROACHES

	Rear-End	Angle	Turning	Other	Injured	Killed	Total
IDOT crash data 2004	11	2	20	2	15	0	35
IDOT crash data 2005	18	4	19	8	8	0	49
IDOT crash data 2006	12	1	14	4	5	0	31
<b>AVERAGE:</b>	<b>13.66</b>	<b>2.33</b>	<b>17.66</b>	<b>4.66</b>	<b>9.33</b>	<b>0.00</b>	<b>38.33</b>

RLR Camera Installation 12/3/2007							
IDOT crash data 2007	14	1	26	3	16	0	31
IDOT crash data 2008	17	0	14	3	4	0	34
IDOT crash data 2009	9	0	9	0	1	0	18
IDOT crash data 2010	12	4	12	3	12	0	31
IDOT crash data 2011	19	1	14	2	9	0	36
IDOT crash data 2012	19	1	13	3	7	0	36
IDOT crash data 2013	16	6	14	4	14	0	40
IDOT crash data 2014	15	3	15	7	22	0	40
<b>AVERAGE:</b>	<b>15.28</b>	<b>2.14</b>	<b>13.00</b>	<b>3.14</b>	<b>9.85</b>	<b>0.00</b>	<b>33.57</b>

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

#### EAST /WESTBOUND APPROACHES ONLY

##### (PHOTO ENFORCED APPROACHES)

	Rear-End	Angle	Turning	Other	Injured	Killed	Total
IDOT crash data 2004	8	1	14	2	14	0	25
IDOT crash data 2005	10	2	15	4	7	0	31
IDOT crash data 2006	8	1	9	4	4	0	22
<b>AVERAGE:</b>	<b>8.66</b>	<b>1.33</b>	<b>12.66</b>	<b>3.33</b>	<b>8.33</b>	<b>0.00</b>	<b>26.00</b>

RLR Camera Installation 12/3/2007							
IDOT crash data 2007	6	0	25	2	14	0	33
IDOT crash data 2008	12	0	12	3	4	0	27
IDOT crash data 2009	6	0	9	0	1	0	15
IDOT crash data 2010	9	4	8	2	9	0	23
IDOT crash data 2011	15	1	10	1	9	0	27
IDOT crash data 2012	12	1	10	2	7	0	25
IDOT crash data 2013	11	5	12	3	13	0	31
IDOT crash data 2014	10	3	9	6	19	0	28
<b>AVERAGE:</b>	<b>10.71</b>	<b>2.00</b>	<b>10.00</b>	<b>2.42</b>	<b>8.85</b>	<b>0.00</b>	<b>25.14</b>

**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 Melrose Park acknowledges the potential for discrepancies in the final conclusions and interpretations.

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Comparison of annual averages result the following:

- Rear-End crashes **increased** by **11.85%** for all approaches and by **23.67%** for the east and westbound (photo enforced) approaches post-camera installation.
- Angle crashes **decreased** by **8.15%** for all approaches, but **increased** by **50.37%** for the east and westbound (photo enforced) approaches post-camera installation.
- Turning crashes **decreased** by **26.38%** for all approaches and by **21.01%** for the east and westbound (photo enforced) approaches post-camera installation.
- Other type crashes **decreased** by **32.61%** for all approaches and by **27.32%** for the east and westbound (photo enforced) approaches post-camera installation.
- Injury related crashes **increased** by **5.57%** for all approaches and by **6.24%** for the east and westbound (photo enforced) approaches post-camera installation.
- Total crashes **decreased** by **12.41%** for all approaches and by **3.30%** for the east and westbound (photo enforced) approaches post-camera installation.

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