

Des Plaines River Road at IL Rte. 72 (Higgins)

Rosemont, IL

Crash Data Comparison & Analysis Report

Average Daily Traffic:

IL 72 (Higgins) – 25,800 (2005), 27,100 (2007), 23,500 (2009), 25,700 (2012), 24,100 (2013)

River Road – 24,100 (2002), 25,000 (2006), 27,100 (2014)

ALL APPROACHES

| | Rear-End | Angle | Turning | Other | Injury | Killed | Total |
|----------------------|--------------|-------------|--------------|-------------|-------------|-------------|--------------|
| IDOT crash data 2005 | 12 | 2 | 11 | 2 | 6 | 0 | 27 |
| IDOT crash data 2006 | 28 | 1 | 14 | 4 | 8 | 0 | 47 |
| IDOT crash data 2007 | 22 | 4 | 14 | 2 | 9 | 0 | 42 |
| AVERAGE: | 20.66 | 2.33 | 13.00 | 2.66 | 7.66 | 0.00 | 38.66 |

RLR Camera Installed 8/21/2008

| | | | | | | | |
|----------------------|----|---|----|---|---|---|----|
| IDOT crash data 2008 | 19 | 1 | 11 | 3 | 3 | 0 | 34 |
|----------------------|----|---|----|---|---|---|----|

| | | | | | | | |
|----------------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------|
| IDOT crash data 2009 | 12 | 1 | 5 | 1 | 5 | 0 | 19 |
| IDOT crash data 2010 | 10 | 2 | 5 | 1 | 0 | 0 | 18 |
| IDOT crash data 2011 | 15 | 0 | 4 | 1 | 5 | 0 | 20 |
| IDOT crash data 2012 | 10 | 0 | 7 | 2 | 5 | 0 | 19 |
| IDOT crash data 2013 | 15 | 0 | 7 | 0 | 3 | 0 | 22 |
| IDOT crash data 2014 | 20 | 0 | 3 | 2 | 3 | 0 | 25 |
| AVERAGE: | 13.66 | 0.50 | 5.16 | 1.16 | 3.50 | 0.00 | 20.50 |

NORTHBOUND /EASTBOUND APPROACHES ONLY

(PHOTO ENFORCED APPROACHES)

| | Rear-End | Angle | Turning | Other | Injury | Killed | Total |
|----------------------|--------------|-------------|--------------|-------------|-------------|-------------|--------------|
| IDOT crash data 2005 | 8 | 1 | 8 | 0 | 6 | 0 | 17 |
| IDOT crash data 2006 | 22 | 1 | 14 | 3 | 8 | 0 | 40 |
| IDOT crash data 2007 | 14 | 4 | 14 | 2 | 7 | 0 | 34 |
| AVERAGE: | 14.66 | 2.00 | 12.00 | 1.66 | 7.00 | 0.00 | 30.33 |

RLR Camera Installed 8/21/2008

| | | | | | | | |
|----------------------|----|---|---|---|---|---|----|
| IDOT crash data 2008 | 10 | 1 | 8 | 1 | 2 | 0 | 20 |
|----------------------|----|---|---|---|---|---|----|

| | | | | | | | |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| IDOT crash data 2009 | 10 | 1 | 5 | 1 | 4 | 0 | 17 |
| IDOT crash data 2010 | 9 | 1 | 5 | 0 | 0 | 0 | 15 |
| IDOT crash data 2011 | 9 | 0 | 4 | 1 | 4 | 0 | 14 |
| IDOT crash data 2012 | 3 | 0 | 7 | 0 | 4 | 0 | 10 |
| IDOT crash data 2013 | 7 | 0 | 6 | 0 | 3 | 0 | 13 |
| IDOT crash data 2014 | 13 | 0 | 2 | 0 | 0 | 0 | 15 |
| AVERAGE: | 7.00 | 0.33 | 4.83 | 0.33 | 2.50 | 0.00 | 14.00 |

| 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 Rosemont acknowledges the potential for discrepancies in the final conclusions and interpretations.

**Des Plaines River Road at IL Rte. 72 (Higgins)
Rosemont, IL**

Crash Data Comparison & Analysis Report

Average Daily Traffic:

IL 72 (Higgins) – 25,800 (2005), 27,100 (2007), 23,500 (2009), 25,700 (2012), 24,100 (2013)

River Road – 24,100 (2002), 25,000 (2006), 27,100 (2014)

Comparison of annual averages results the following:

- Rear-End crashes **decreased** by **33.88%** for all approaches and by **52.25%** for the north and eastbound (photo enforced) approaches post-camera installation.
- Angle crashes **decreased** by **78.54%** for all approaches and by **83.50%** for the north and eastbound (photo-enforced) approaches post-camera installation.
- Turning crashes **decreased** by **60.30%** for all approaches and by **59.75%** for the north and eastbound (photo-enforced) approaches post-camera installation.
- Other type crashes **decreased** by **56.36%** for all approaches and by **80.12%** for the north and eastbound (photo-enforced) approaches post-camera installation.
- Injury related crashes **decreased** by **54.30%** for all approaches and by **64.28%** for the north and eastbound (photo-enforced) approaches post-camera installation.
- Total crashes **decreased** by **46.97%** for all approaches and by **53.84%** for the north and eastbound (photo-enforced) approaches post-camera installation.

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