

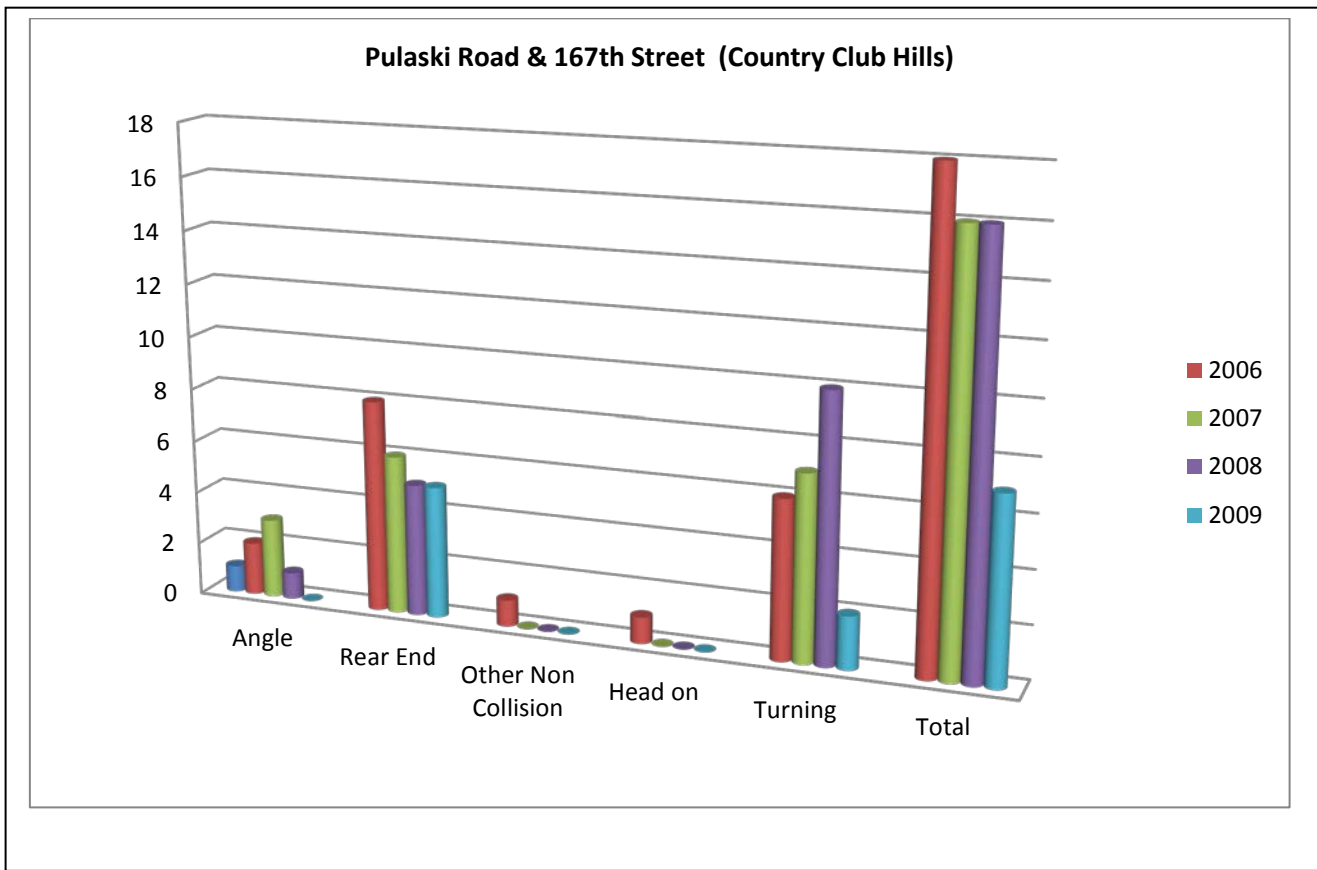
# **Crawford Avenue and 167<sup>th</sup> Street <Northbound>**

## **RLR Crash Data and Analysis**

The table and chart below show the summary of Crash data at the intersection of Pulaski Rd and 167<sup>th</sup> St including 3 years (2006 – 2008) prior to RLR camera installation as well as one year post period crash data (2009).

### Pulaski Road & 167th Street (Country Club Hills)

	Angle	Rear End	Other Non Collision	Head on	Turning	Total
<b>2006</b>	2	8	1	1	6	<b>18</b>
<b>2007</b>	3	6	0	0	7	<b>16</b>
<b>2008</b>	1	5	0	0	10	<b>16</b>
<b>2009</b>	0	5	0	0	2	<b>7</b>

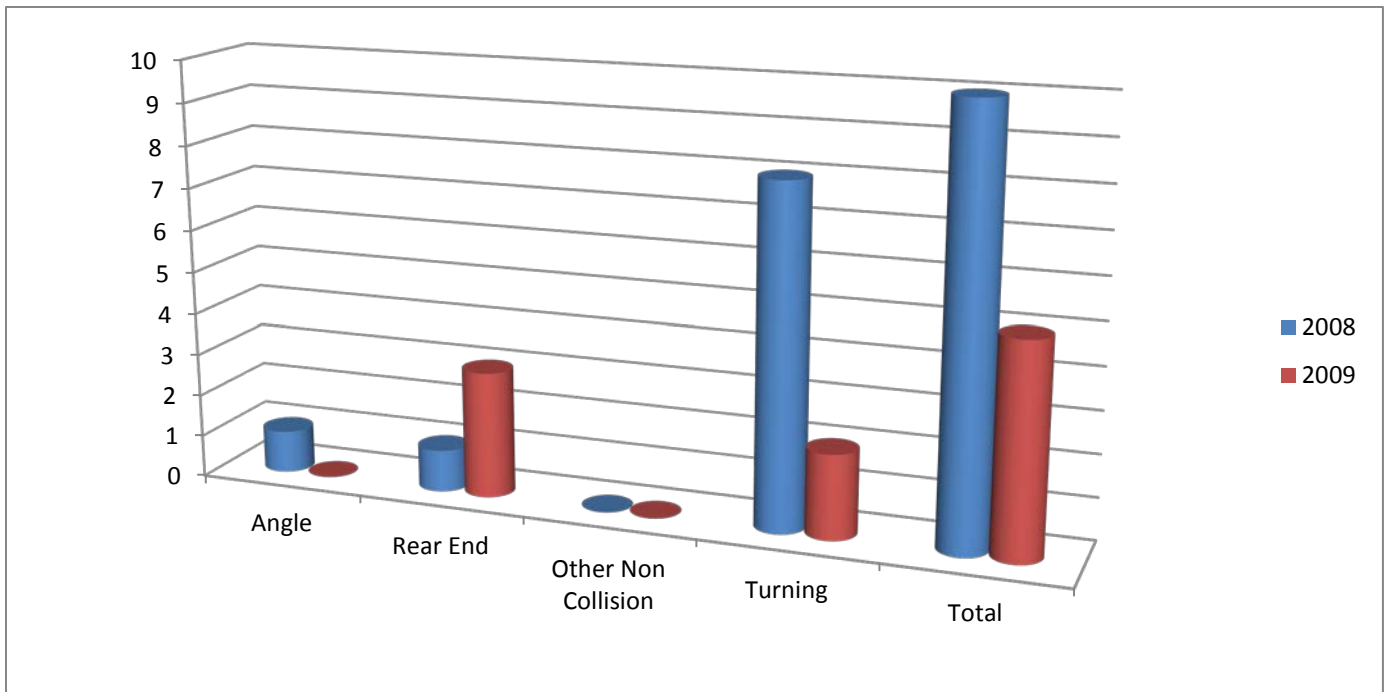


The results showed **Turning and Angle accidents** were reduced by **81.8%** at this intersection and **Total accidents** were dropped by **56.3%** from year 2008 to year 2009.

The table and chart below indicate precise statistics immediately before the RLR Camera at Northbound Pulaski Rd at 167<sup>th</sup> St was implemented on April 7, 2009, and one year after installation.

### Pulaski Road & 167th Street (Country Club Hills) Crash Data

	Angle	Rear End	Other Non Collision	Turning	Total
<b>2008 (4/7 – 12/31)</b>	<b>1</b>	1	0	<b>8</b>	<b>10</b>
<b>2009 (4/7 - 12/31)</b>	<b>0</b>	3	0	<b>2</b>	<b>5</b>



The results showed that the number of **Turning and Angle accidents** was decreased from **nine** in 2008 (April 7<sup>th</sup> to December 31<sup>st</sup>) to **two** in 2009 (April 7<sup>th</sup> to December 31<sup>st</sup>). Turning and Angle accidents were reduced by **78%** at this intersection.

In following pages, you will find the crash data from 2006 to 2009 that we acquired from IDOT itself.

# Traffic Volume

## September 2008

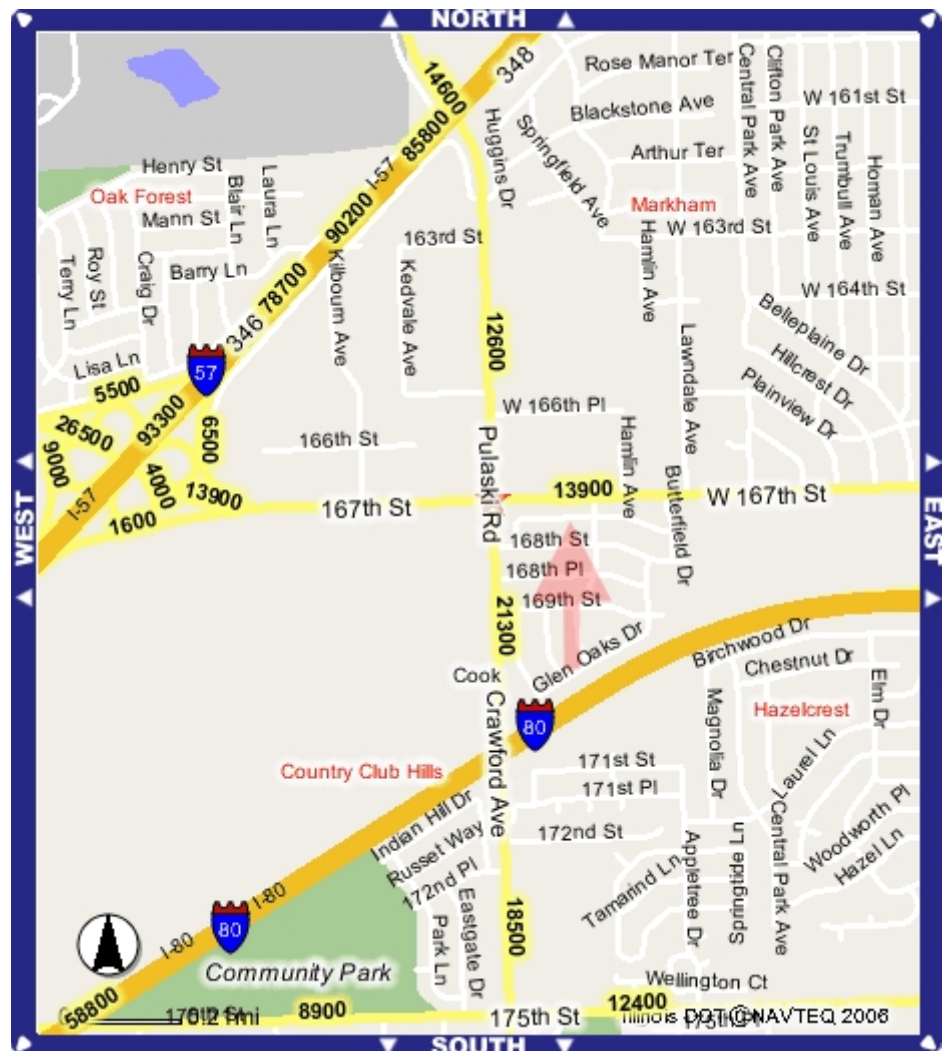
This information was obtained via the Illinois Department of Transportation website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

### Pulaski Road (Crawford Avenue) ADT

- North of 167<sup>th</sup> St is 12,600
- South of 167<sup>th</sup> St is 21,300

### 167<sup>th</sup> St ADT

- East of Pulaski Road is 13,900
- West of Pulaski Road is 13,900



## December 2010

This information was obtained via the Illinois Department of Transportation website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

### Pulaski Road (Crawford Avenue) ADT

- North of 167<sup>th</sup> St is 12,600
- South of 167<sup>th</sup> St is 21,300

### 167<sup>th</sup> St ADT

- East of Pulaski Road is 20,000
- West of Pulaski Road is 20,000



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01/01/2006 to 12/31/2006

Route: 8115 From MileStation 5.63 to 5.63  
County: COOK

Intersection Related

Date	Weather	Roadway	Injuries			Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	UNIT
			A	B	C														
60658886 2/19/06 4:02 am	Snow	Dry	0	0	0	0	Turning	Darkness, Lighted Road	5.63	Passenger	E	Straight Ahead	Motor Vehicle in Traffic	1	Unknown	9	Unknown	9	1
61303505 3/21/06 4:11 pm	Clear	Dry	0	0	2	0	Rear end	Daylight	5.63	Van/Mini-Van	E	Straight Ahead	Motor Vehicle in Traffic	1	Unknown	9	Unknown	9	1
61593578 3/24/06 5:44 am	Snow	Wet	0	0	0	0	Turning	Daylight	5.63	Passenger	SE	Turning Left	Motor Vehicle in Traffic	1	Unknown	9	Unknown	9	1
61427191 5/6/06 2:30 am	Clear	Dry	0	1	1	0	Turning	Darkness, Lighted Road	5.63	Passenger	NW	Turning Left	Motor Vehicle in Traffic	1	Unknown	9	Unknown	9	1
61646147 5/9/06 9:48 pm	Unknown	Dry	0	0	0	0	Angle	Darkness, Lighted Road	5.63	Passenger	S	Straight Ahead	Motor Vehicle in Traffic	1	Unknown	9	Unknown	9	1
61322277 5/26/06 4:22 pm	Clear	Dry	0	0	0	0	Rear end	Daylight	5.63	SUV	W	Slow/Stop in Traffic	Motor Vehicle in Traffic	4	Unknown	9	Unknown	9	1
										Pickup	W	Slow/Stop in Traffic	Motor Vehicle in Traffic	4	Unknown	9	Unknown	9	2

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01/01/2006 to 12/31/2006

Route: 8115 From MileStation 5.63 to 5.63  
County: COOK

Intersection Related

Date	Weather	Roadway	Injuries			Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	UNIT
			A	B	C														
6/22/06 2:25 am	Clear	Dry	0	0	0	0	Turning	Darkness, Lighted Road	5.63	Passenger	W	Turning Left	Motor Vehicle in Traffic	1				1	1
6/24/06 1:47 pm	Clear	Dry	0	0	0	0	Head on	Daylight	5.63	Pickup	N	Unknown	Motor Vehicle in Traffic	1				1	1
6/19/06 11:04 am	Clear	Dry	0	0	0	0	Rear end	Darkness, Lighted Road	5.63	Passenger	E	Straight Ahead	Motor Vehicle in Traffic	1				1	1
6/23/06 11:04 am	Clear	Dry	0	0	0	0	Rear end	Darkness, Lighted Road	5.63	Passenger	E	Slow/Stop in Traffic	Motor Vehicle in Traffic	1				2	2
6/24/06 5:40 pm	Clear	Dry	0	0	0	0	Rear end	Daylight	5.63	Passenger	E	Straight Ahead	Motor Vehicle in Traffic	1				1	1
7/4/06 11:42 pm	Clear	Dry	0	0	0	0	Rear end	Darkness	5.63	Unknown	N	Slow/Stop in Traffic	Motor Vehicle in Traffic	1	1			1	1
8/7/06 3:56 pm	Clear	Dry	0	0	0	0	Other non collision	Daylight	5.63	SUV	E	Slow/Stop - Right Turn	Other Non-Collision	4				1	1
										Passenger	W	Straight Ahead	Throwing Object	4				2	2



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01/01/2006 to 12/31/2006

Route: 8115 From MileStation 5.63 to 5.63  
County: COOK

Intersection Related

Date	Weather	Roadway	Injuries			Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc1	Event 2	Loc2	Event 3	Loc3	UNIT
			A	B	C													
63182620 8/4/06 2:45 pm	Clear	Dry	0	0	0	Rear-end	Daylight	5.63	Passenger	W	Straight Ahead	Motor Vehicle in Traffic	1					1
63916316 10/5/06 5:55 pm	Clear	Dry	0	1	0	Turning	Daylight	5.63	Passenger	W	Turning Left	Motor Vehicle in Traffic	4					1
64074370 10/7/06 12:25 pm	Clear	Dry	0	0	0	Rear-end	Daylight	5.63	SUV	S	Starting in Traffic	Motor Vehicle in Traffic	1					1
64183494 10/20/06 5:10 pm	Clear	Dry	0	0	0	Rear-end	Daylight	5.63	Passenger	S	Straight Ahead	Motor Vehicle in Traffic	1					2
64607286 11/21/06 11:26 pm	Fog/Smoke/Haze	Dry	0	0	0	Turning	Darkness, Lighted Road	5.63	Passenger	S	Turning Left	Motor Vehicle in Traffic	4					1
65143323 12/15/06 1:57 am	Clear	Dry	0	0	2	Angle	Daylight	5.63	Passenger	N	Straight Ahead	Motor Vehicle in Traffic	4					2
									Van/Mini-Van	N	Straight Ahead	Motor Vehicle in Traffic	4					2
									Passenger	E	Straight Ahead	Motor Vehicle in Traffic	4					2
									Passenger	W	Turning Left	Motor Vehicle in Traffic	4					3

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01/01/2006 to 12/31/2006

Route: 8115 From MileStation 5.63 to 5.63

County: COOK  
Intersection Related

TOTAL	FATAL			INJURY			PROPERTY DAMAGE			TOTAL KILLED			TOTAL INJURED			A			B			C		
18	0	0	4	14	0	7	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	5		

Type of Crash	Day of Week			Hour of Day			Vehicle Type			Total	%	
	Total	%	Total	%	Total	%	Total	%	Total			%
Angle	2	11.11%	1	5.56%	1	5.56%	1	5.56%	1	5.56%	1	2.63%
Head on	1	5.56%	6	33.33%	2	11.11%	2	11.11%	2	11.11%	24	83.16%
Other non collision	1	5.56%	1	5.56%	4	22.22%	1	5.56%	1	5.56%	2	5.26%
Rear end	8	44.44%	7	38.89%	5	27.78%	1	5.56%	1	5.56%	3	7.89%
Turning	6	33.33%	3	16.67%	11	61.11%	1	5.56%	1	5.56%	1	2.63%
					Noon						1	2.63%
					1 PM						1	2.63%
					2 PM						2	5.26%
					3 PM						1	2.63%
					4 PM						1	2.63%
					5 PM						3	7.89%
					9 PM						1	2.63%
					11 PM						2	5.26%
<b>TOTAL:</b>	<b>18</b>		<b>18</b>		<b>18</b>		<b>18</b>		<b>18</b>		<b>38</b>	

Weather Cond	Light Cond			Road Surface			Vehicle DIR			Total	%
	Total	%	Total	%	Total	%	Total	%	Total		
Clear	14	77.78%	1	5.56%	17	94.4	11	28.95%	11	28.95%	
Fog/Smoke/Haze	1	5.56%	6	33.33%	1	5.5	6	15.79%	6	15.79%	
Snow	2	11.11%	11	61.11%	1	5.5	1	2.63%	1	2.63%	
Unknown	1	5.56%					7	18.42%	7	18.42%	
<b>TOTAL:</b>	<b>18</b>		<b>18</b>		<b>18</b>		<b>38</b>		<b>38</b>		

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01/01/2007 to 12/31/2007

Route: 8115 From MileStation 5.63 to 5.63

County: COOK

Intersection Related

Date	Weather	Roadway	Injuries			Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	UNIT
			A	B	C														
70217559 1/8/07 6:48 am	Clear	Ice	0	0	0	0	Turning	Daylight	5.63	Passenger	SW	Turning Right	Motor Vehicle in Traffic	1					1
										Passenger	E	Straight Ahead	Motor Vehicle in Traffic	1					2
										Van/Mini-Van	E	Straight Ahead	Motor Vehicle in Traffic	1					3
70402912 1/29/07 6:12 pm	Clear	Dry	0	0	0	0	Rear end	Darkness, Lighted Road	5.63	Passenger	N	Straight Ahead	Motor Vehicle in Traffic	1					1
										Passenger	N	Straight Ahead	Motor Vehicle in Traffic	1					2
70931530 2/15/07 5:54 pm	Clear	Wet	0	0	0	0	Turning	Darkness, Lighted Road	5.63	Van/Mini-Van	NE	Turning Left	Motor Vehicle in Traffic	1					1
										Van/Mini-Van	W	Straight Ahead	Motor Vehicle in Traffic	1					2
70931852 2/26/07 8:58 am	Snow	Ice	0	0	0	0	Rear end	Daylight	5.63	Passenger	S	Straight Ahead	Motor Vehicle in Traffic	1					1
										Passenger	S	Straight Ahead	Motor Vehicle in Traffic	1					2
71701833 4/29/07 6:40 pm	Clear	Dry	0	0	1	0	Turning	Daylight	5.63	Passenger	S	Turning Right	Motor Vehicle in Traffic	1					1
										SUV	E	Straight Ahead	Motor Vehicle in Traffic	1					2
71962567 5/17/07 2:30 pm	Clear	Dry	0	0	0	0	Rear end	Daylight	5.63	Passenger	N	Slow/Stop in Traffic	Motor Vehicle in Traffic	1					1
										Pickup	N	Slow/Stop in Traffic	Motor Vehicle in Traffic	1					2

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01/01/2007 to 12/31/2007

Route: 8115 From MileStation 5.63 to 5.63  
County: COOK

Intersection Related

Date	Weather	Roadway	Injuries			Killed	Type of Crash	Light/Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc1	Event 2	Loc2	Event 3	Loc3	UNIT
			A	B	C														
7146445 6/23/07 8:08 am	Rain	Wet	0	0	0	0	Rear-end	Daylight	5.63	Passenger	W	Straight Ahead	Motor Vehicle in Traffic	1	No Data	0	No Data	0	1
73006025 7/17/07 10:48 pm	Clear	Dry	0	0	2	0	Turning	Darkness, LightedRoad	5.63	Passenger	S	Turning Left	Motor Vehicle in Traffic	1	No Data	0	No Data	0	2
73536625 8/12/07 6:29 pm	Clear	Dry	0	0	0	0	Turning	Daylight	5.63	Passenger	E	Turning Left	Motor Vehicle in Traffic	1	No Data	0	No Data	0	2
73494031 9/1/07 7:10 am	Clear	Dry	0	0	1	0	Rear-end	Daylight	5.63	SUV	E	Straight Ahead	Motor Vehicle in Traffic	4	No Data	0	No Data	0	1
73766727 9/28/07 8:04 pm	Clear	Dry	0	0	3	0	Turning	Darkness, LightedRoad	5.63	Van/Mini-Van	E	Turning Left	Motor Vehicle in Traffic	1	No Data	0	No Data	0	2
73873945 10/6/07 1:50 pm	Clear	Dry	0	0	1	0	Angle	Daylight	5.63	Van/Mini-Van	N	Straight Ahead	Motor Vehicle in Traffic	1	No Data	0	No Data	0	1
										Passenger	E	Straight Ahead	Motor Vehicle in Traffic	1	No Data	0	No Data	0	2

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01/01/2007 to 12/31/2007

Route: 8115 From MileStation 5.63 to 5.63  
County: COOK

Intersection Related

Date	Weather	Roadway	Injuries			Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc1	Event 2	Loc2	Event 3	Loc3	UNIT
			A	B	C													
73497901 10/07/07 8:43 am	Clear	Dry	0	2	0	0	Angle	5.63	Passenger	W	Skidding/Control Loss	Motor Vehicle in Traffic	4	No Data	0	No Data	0	1
74168188 10/22/07 12:59 pm	Clear	Dry	0	0	0	0	Turning	5.63	SUV	NE	Turning Right	Motor Vehicle in Traffic	4	No Data	0	No Data	0	2
74284555 11/1/07 9:05 am	Clear	Dry	0	0	0	0	Angle	5.63	Passenger	E	Turning Left	Motor Vehicle in Traffic	4	No Data	0	No Data	0	2
74420688 11/8/07 11:11 pm	Clear	Dry	0	0	0	0	Rear-end	5.63	Passenger	E	Straight Ahead	Motor Vehicle in Traffic	1	No Data	0	No Data	0	1
							Darkness, Lighted Road		Passenger	E	Slow/Stop in Traffic	Motor Vehicle in Traffic	1	No Data	0	No Data	0	2
								Passenger	E	Slow/Stop in Traffic	Motor Vehicle in Traffic	1	No Data	0	No Data	0	No Data	3

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01/01/2007 to 12/31/2007

Route: 8115 From MileStation 5.63 to 5.63

County: COOK  
Intersection Related

TOTAL	FATAL	INJURY	PROPERTY DAMAGE	TOTAL KILLED	TOTAL INJURED	A	B	C
16	0	6	10	0	10	0	2	8

Type of Crash	Total	%	Day of Week	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	3	18.75%	Sunday	3	18.75%	6 AM	1	6.25%	Passenger	25	71.43%
Rear-end	6	37.50%	Monday	4	25.00%	7 AM	1	6.25%	Pickup	1	2.86%
Turning	7	43.75%	Tuesday	1	6.25%	8 AM	3	18.75%	SUV	4	11.43%
			Thursday	3	18.75%	9 AM	1	6.25%	Van/Mini-Van	5	14.29%
			Friday	2	12.50%	Noon	1	6.25%			
			Saturday	3	18.75%	1 PM	1	6.25%			
						2 PM	1	6.25%			
						5 PM	1	6.25%			
						6 PM	3	18.75%			
						8 PM	1	6.25%			
						10 PM	1	6.25%			
						11 PM	1	6.25%			
TOTAL:	16		TOTAL:	16		TOTAL:	16		TOTAL:	35	

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	Vehicle DIR	Total	%
Clear	14	87.50%	Darkness, Lighted Road	5	31.25%	Dry	12	75.0	East	13	37.14%
Rain	1	6.25%	Daylight	11	68.75%	Ice	2	12.5	North	9	25.71%
Snow	1	6.25%			Wet	2	12.5	Northeast	2	5.71%	
								South	5	14.29%	
								Southwest	1	2.86%	
								West	5	14.29%	
TOTAL:	16		TOTAL:	16		TOTAL:	16		TOTAL:	35	



**Collision Diagram**

1/1/2008 to 12/31/2008

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	Injuries A	Injuries B	Injuries C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
80152242	Clear	Snow or slush	0	0	0	0	11-Rear end	Darkness	5.63	Van/minivan	East	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
80258928										Passenger	East	Slow/stop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
1/12/2008 4:24 AM	Clear	Dry	0	0	1	0	11-Rear end	Darkness/Lighted road	5.63	Passenger	East	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
80440837										Passenger	East	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
1/22/2008 5:27 PM	Snow	Snow or slush	0	0	0	0	10-Turning	Darkness/Lighted road	5.63	Pickup	North	Turning right	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
80846983										Passenger	South	Slow/stop - left turn	Motor vehicle in pavement traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
2/25/2008 10:20 PM	Snow	Snow or slush	0	0	0	0	10-Turning	Darkness	5.63	Passenger	East	Turning right	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
80865447										Van/minivan	North	Slow/stop - left turn	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
2/29/2008 9:15 PM	Clear	Dry	0	0	0	0	11-Rear end	Darkness	5.63	Pickup	East	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
										Passenger	East	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2



**Collision Diagram**

1/1/2008 to 12/31/2008

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	Injuries A	Injuries B	Injuries C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
8/29/2008																				
4/1/2008 10:18 AM	Clear	Dry	0	0	0	0	11-Rear end	Daylight	5.63	Van/minivan	East	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8/14/2008																				
4/12/2008 12:50 PM	Rain	Wet	0	0	1	0	10-Turning	Daylight	5.63	Passenger	South	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8/17/2008																				
4/17/2008 2:33 PM	Clear	Dry	0	0	0	0	10-Turning	Daylight	5.63	Sport utility vehicle (SUV)	Northwest	Turning left	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
8/31/2008																				
6/12/2008 11:08 PM	Clear	Dry	0	0	0	0	10-Turning	Darkness/Lighted road	5.63	Passenger	West	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8/22/2008																				
6/15/2008 10:40 AM	Clear	Wet	0	0	0	0	10-Turning	Daylight	5.63	Passenger	Northeast	Turning left	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
8/22/2008																				
6/15/2008 10:40 AM	Clear	Wet	0	0	0	0	10-Turning	Daylight	5.63	Passenger	North	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8/22/2008																				
6/15/2008 10:40 AM	Clear	Wet	0	0	0	0	10-Turning	Daylight	5.63	Sport utility vehicle (SUV)	South	Turning right	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8/22/2008																				
6/15/2008 10:40 AM	Clear	Wet	0	0	0	0	10-Turning	Daylight	5.63	Passenger	North	Slowstop - left turn	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2





**Collision Diagram**

1/1/2008 to 12/31/2008

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	Injuries A	Injuries B	Injuries C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
84376987	Clear	Dry	0	0	0	0	10-Turning	Dawn	5.63	Pickup	West	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8420959										Passenger	Northeast	Turning left	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
10242008 11:46 PM	Rain	Wet	0	0	2	0	10-Turning	Darkness/Lighted road	5.63	Passenger	East	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
8455179										Sport utility vehicle (SUV)	Southwest	Turning left	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
11142008 11:20 AM	Rain	Wet	0	0	0	0	10-Turning	Daylight	5.63	Sport utility vehicle (SUV)	Southeast	Turning right	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
84807866										Passenger	North	Slowstop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
12132008 2:55 AM	Snow	Wet	0	0	0	0	15-Angle	Darkness	5.63	Passenger	South	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
84227370										Passenger	East	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
12132008 2:56 PM	Clear	Wet	0	1	0	0	10-Turning	Daylight	5.63	Passenger	East	Turning left	Motor vehicle in traffic	Intersection	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	1
										Passenger	West	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
										Passenger	South	Slowstop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	3



### Collision Diagram

11/12008 to 12/31/2008

Crash Route: TS115 | From Mile Station 5.63 to 5.63 | County: Cook | Intersection Related Intersections: \*See Notes at End of Report.

Date	Weather	Roadway	Injuries A	Injuries B	Injuries C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
12/20/2008 3:30 PM	Snow	Snow or slush	0	0	0	0	11-Rear end	Daylight	5.63	Passenger	East	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
										Passenger	East	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2



**Collision Diagram**

11/12008 to 12/31/2008

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
16	0	0	1	3	12	0	5	0	1	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	10	62.5%	Monday	1	6.3%	02 AM	1	6.3%	Passenger	22	66.7%
11-Rear end	5	31.3%	Tuesday	2	12.5%	04 AM	1	6.3%	Pickup	3	9.1%
15-Angle	1	6.3%	Thursday	3	18.8%	10 AM	2	12.5%	Sport utility vehicle (SUV)	5	15.2%
<b>TOTAL:</b>	<b>16</b>		Friday	3	18.8%	11 AM	1	6.3%	Van/mini van	3	9.1%
			Saturday	6	37.5%	Noon	1	6.3%	<b>TOTAL:</b>	<b>33</b>	
			Sunday	1	6.3%	2 PM	2	12.5%			
			<b>TOTAL:</b>	<b>16</b>		3 PM	1	6.3%			
						4 PM	1	6.3%			
						5 PM	2	12.5%			
						9 PM	1	6.3%			
						10 PM	1	6.3%			
						11 PM	2	12.5%			
						<b>TOTAL:</b>	<b>16</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	56.3%	Darkness	4	25.0%	Dry	6	37.5%	East	14	42.4%
Rain	3	18.8%	Darkness/Lighted road	4	25.0%	Snow or slush	4	25.0%	North	5	15.2%
Snow	4	25.0%	Dawn	1	6.3%	Wet	6	37.5%	Northeast	2	6.1%
<b>TOTAL:</b>	<b>16</b>		Daylight	7	43.8%	<b>TOTAL:</b>	<b>16</b>		Northwest	1	3.0%
			<b>TOTAL:</b>	<b>16</b>					South	5	15.2%
									Southeast	1	3.0%



### Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

<i>DIRP</i>	<i>Total</i>	<i>%</i>
Southwest	1	3.0%
West	4	12.1%
<b>TOTAL:</b>	<b>33</b>	

### Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

#### Notes

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Crashes with incomplete location information are not included.

Areas where routes have more than one junction have been known to cause problems in determining accurate locations. Please notify us to verify the data for intersections with more than one junction.

For roadway segments which include the intersection of two routes, the intersection report may need to be run on the other route in order to get all the crashes.



**Collision Diagram**

1/1/2009 to 12/31/2009

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	Injuries A	Injuries B	Injuries C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
200901030621	Clear	Dry	0	0	0	0	11-Rear end	Daylight	5.63	Sport utility vehicle (SUV)	North	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
200901077128																				
3/6/2009 6:15 PM	Clear	Dry	0	0	0	0	11-Rear end	Darkness	5.63	Passenger	East	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
200901151036																				
6/26/2009 1:36 PM	Clear	Dry	0	0	0	0	10-Turning	Daylight	5.63	Truck - single unit	North	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
200901277876																				
8/9/2009 1:30 AM	Clear	Dry	0	1	0	0	10-Turning	Darkness/Lighted road	5.63	Passenger	North	Turning right	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2
200901330399																				
9/12/2009 1:50 PM	Clear	Unknown	0	1	0	0	11-Rear end	Daylight	5.63	Passenger	West	Turning left	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
200901330399																				
9/12/2009 1:50 PM	Clear	Unknown	0	1	0	0	11-Rear end	Daylight	5.63	Sport utility vehicle (SUV)	North	Slowstop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
200901330399																				
9/12/2009 1:50 PM	Clear	Unknown	0	1	0	0	11-Rear end	Daylight	5.63	Passenger	North	Slowstop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2





**Collision Diagram**

1/1/2009 to 12/31/2009

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County: Cook | Intersection Related: Intersections | \*See Notes at End of Report.

TOTAL CRASHES	FATAL CRASHES	A INJURY CRASHES	B INJURY CRASHES	C INJURY CRASHES	PROPERTY DAMAGE CRASHES	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
7	0	0	2	1	4	0	3	0	2	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	2	28.6%	Monday	1	14.3%	01 AM	1	14.3%	Passenger	8	57.1%
11-Rear end	5	71.4%	Friday	3	42.9%	07 AM	1	14.3%	Sport utility vehicle (SUV)	4	28.6%
<b>TOTAL:</b>	<b>7</b>		Saturday	2	28.6%	1 PM	2	28.6%	Truck - single unit	1	7.1%
			Sunday	1	14.3%	3 PM	1	14.3%	Van/mini van	1	7.1%
			<b>TOTAL:</b>	<b>7</b>		6 PM	1	14.3%	<b>TOTAL:</b>	<b>14</b>	
						8 PM	1	14.3%			
						<b>TOTAL:</b>	<b>7</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	5	71.4%	Darkness	2	28.6%	Dry	4	57.1%	East	6	42.9%
Fog/smoke/haze	1	14.3%	Darkness/Lighted road	1	14.3%	Unknown	1	14.3%	North	6	42.9%
Rain	1	14.3%	Daylight	4	57.1%	Wet	2	28.6%	South	1	7.1%
<b>TOTAL:</b>	<b>7</b>		<b>TOTAL:</b>	<b>7</b>		<b>TOTAL:</b>	<b>7</b>		West	1	7.1%
									<b>TOTAL:</b>	<b>14</b>	



### Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: TS115 | From MileStation 5.63 to 5.63 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

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# Summary

In 2007 almost 900 people were killed and an estimated 153,000 were injured in crashes that involved red light running in the US. About half of the deaths in red light running crashes are pedestrians and occupants in other vehicles who are hit by red light runners. Studies have reported that red light cameras reduce angle and turning crashes. Because the types of crashes prevented by red light cameras tend to be more severe than rear-end crashes, research has shown there is also a reduction in the severity of crashes.

All processes are in compliance with the RLR regulations laid out by the Illinois Department of Transportation District 1 Bureau of Traffic Operations.

The City of Country Club Hills received approval to install a RLR camera on Pulaski Road (Crawford Ave) at the intersection of 167<sup>th</sup> Street on 2/17/2009. After construction and a month long warning period, the RLR camera went live on 4/7/2009. There have been no Signal timing (or any other settings of Traffic Controller) changes.

According to the Average Daily Traffic (ADT), volume from IDOT, the volume of the East and Westbound of this intersection increased from 13,900 in September of 2008 to 20,000 in December of 2010. Despite the significant increases in traffic volume, the crash data from 2008 to 2009 shows "Turning" and "Angle" accidents were reduced by 81.8% at this red-light camera intersection, with a 56.3% reduction in Total accidents.

Numerous studies from the US, as well as the experience of many other cities, indicate decreases in red light running violations and collisions after cameras were installed and Northbound Pulaski Ave at 167<sup>th</sup> St was not an exception. Other intersections not monitored by automated enforcement may also experience a decrease in violations and accidents as a result of the presence of this automated enforcement system changing driving behaviors.