

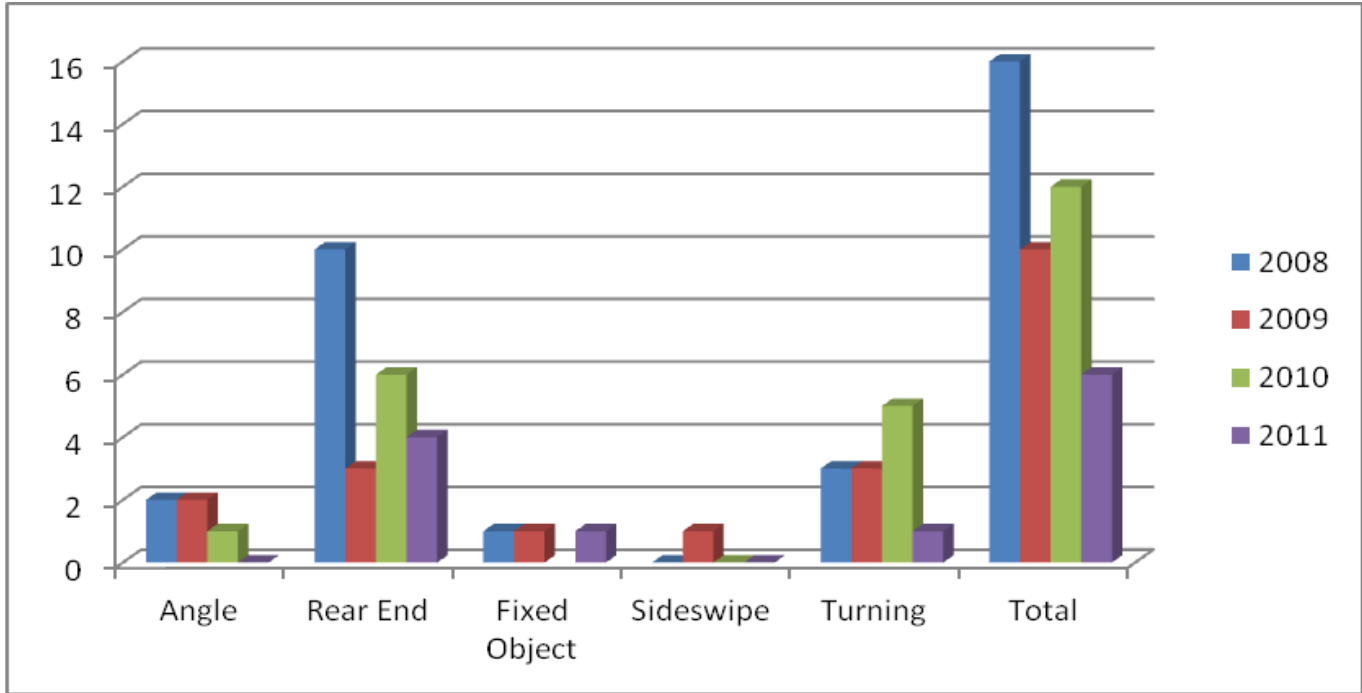
**Pulaski Rd (Crawford Ave) at
183rd St
<Southbound>**

**RLR Crash Data
and Analysis**

The table and chart below show the summary of Crash data at the intersection of Pulaski Rd (Crawford Ave) at 183rd Street (2008 – 2010) prior to RLR camera installation as well as four month post period crash data (2011).

	Angle	Rear End	Fixed Object	Sideswipe	Turning	Total
2008	2	10	1	0	3	16
2009	2	3	1	1	3	10
2010	1	6	0	0	5	12
2011	0	4	1	0	1	6

Pulaski Rd (Crawford Ave) at 183rd Street (City of Country Club Hills)



The results showed the combined Turning accidents reduced from 5 in 2010 to 1 in 2011 indicating an 80% decrease in turning accidents at this intersection. Total accidents significantly reduced in 2010 from 12 to 6 in 2011 at this intersection thus, evidencing a 50% reduction.



Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: TS115 | From MileStation 3.44 to 3.44 | 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
12	0	0	0	1	11	0	1	0	0	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	5	41.7%	Monday	2	16.7%	08 AM	1	8.3%	Farm equipment	1	36%
11-Rear End	6	50.0%	Tuesday	2	16.7%	09 AM	1	8.3%	Passenger	14	50.0%
15-Right	1	8.3%	Wednesday	3	25.0%	10 AM	4	33.3%	Pickup	2	7.1%
TOTAL:	12		Thursday	1	8.3%	1 PM	1	8.3%	Sport Utility Vehicle (SUV)	10	36.7%
			Friday	4	33.3%	3 PM	1	8.3%	Unknown	1	3.6%
			TOTAL:	12		4 PM	2	16.7%	TOTAL:	28	
						7 PM	1	8.3%			
						10 PM	1	8.3%			
						TOTAL:	12				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	CRP	Total	%
Clear	12	100.0%	Darkness/Dimmed road	2	16.7%	Dry	10	83.3%	East	6	21.4%
TOTAL:	12		Daylight	10	83.3%	Unknown	1	8.3%	North	9	32.1%
			TOTAL:	12		Wet	1	8.3%	Northwest	1	3.6%
						TOTAL:	12		Northwest	1	3.6%
									South	4	14.3%
									Southeast	2	7.1%
									West	5	17.9%
									TOTAL:	28	



Collision Diagram

11/2009 to 12/31/2009

Crash Route: TS115 | From MileStation 3.59 to 3.59 | 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
10	0	0	2	2	6	0	8	0	6	2

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turn lng	3	30%	Monday	2	20%	06 AM	1	10.0%	Big up to 15 pass	1	5.3%
11-Rear end	3	30%	Tuesday	1	10%	07 AM	1	10.0%	Passenger	8	42.1%
12-Side swipe same directn	1	10%	Wednesday	1	10%	08 AM	1	10.0%	Sport utility vehicle (SUV)	8	42.1%
15-Avg lb	2	20%	Thursday	1	10%	09 AM	1	10.0%	Tractor w/sem trailer	1	5.3%
6-Fixed object	1	10%	Friday	1	10%	11 AM	1	10.0%	Van/minivan	1	5.3%
TOTAL:	10		Saturday	4	40%	Noon	1	10.0%	TOTAL:	19	
			TOTAL:	10		1 PM	1	10.0%			
						8 PM	2	20.0%			
						10 PM	1	10.0%			
						TOTAL:	10				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	70%	Dark w/str/lighted road	2	20%	Dry	7	70.0%	East	7	36.8%
Rain	2	20%	Dawn	1	10%	SNOW or ICE 1	1	10.0%	North	6	31.6%
Snow	1	10%	Daylight	6	60%	Wet	2	20.0%	South	3	15.8%
TOTAL:	10		Dark	1	10%	TOTAL:	10		Southeast	1	5.3%
			TOTAL:	10					West	2	10.5%
									TOTAL:	19	



Collision Diagram
 1/1/2008 to 12/31/2008

Crash Route: TS096 | From MileStation 4.13 to 4.13 | 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	Hour of Day	TOTAL KILLED	TOTAL INJURED	A INJURIES	B INJURIES	C INJURIES
16	0	1	2	1	12		0	7	1	2	4

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Traffic	3	18.8%	Monday	3	18.8%	08 AM	3	18.8%	Other	2	57%
11-Rear end	10	62.5%	Tuesday	2	12.5%	1 PM	1	6.3%	Passenger	20	57.1%
15-Right	2	12.5%	Thursday	3	18.8%	2 PM	1	6.3%	Sport Utility Vehicle (SUV)	8	22.9%
6-Fixed object	1	6.3%	Friday	4	25.0%	3 PM	2	12.5%	Van/Minivan	5	14.3%
TOTAL:	16		Saturday	4	25.0%	4 PM	1	6.3%	TOTAL:	35	
			TOTAL:	16		5 PM	2	12.5%			
						6 PM	2	12.5%			
						7 PM	1	6.3%			
						9 PM	2	12.5%			
						11 PM	1	6.3%			
						TOTAL:	16				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	11	68.8%	Darkness	1	6.3%	Dry	9	56.3%	East	8	22.9%
Rain	1	6.3%	Darkness/Lighted road	5	31.3%	Ice	1	6.3%	North	15	42.9%
Snow	4	25.0%	Daylight	10	62.5%	Snow or Iced	3	18.8%	South	3	8.6%
TOTAL:	16		TOTAL:	16		Wet	3	18.8%	South East	3	8.6%
						TOTAL:	16		West	6	17.1%
									TOTAL:	35	

Traffic Volume

September 2008

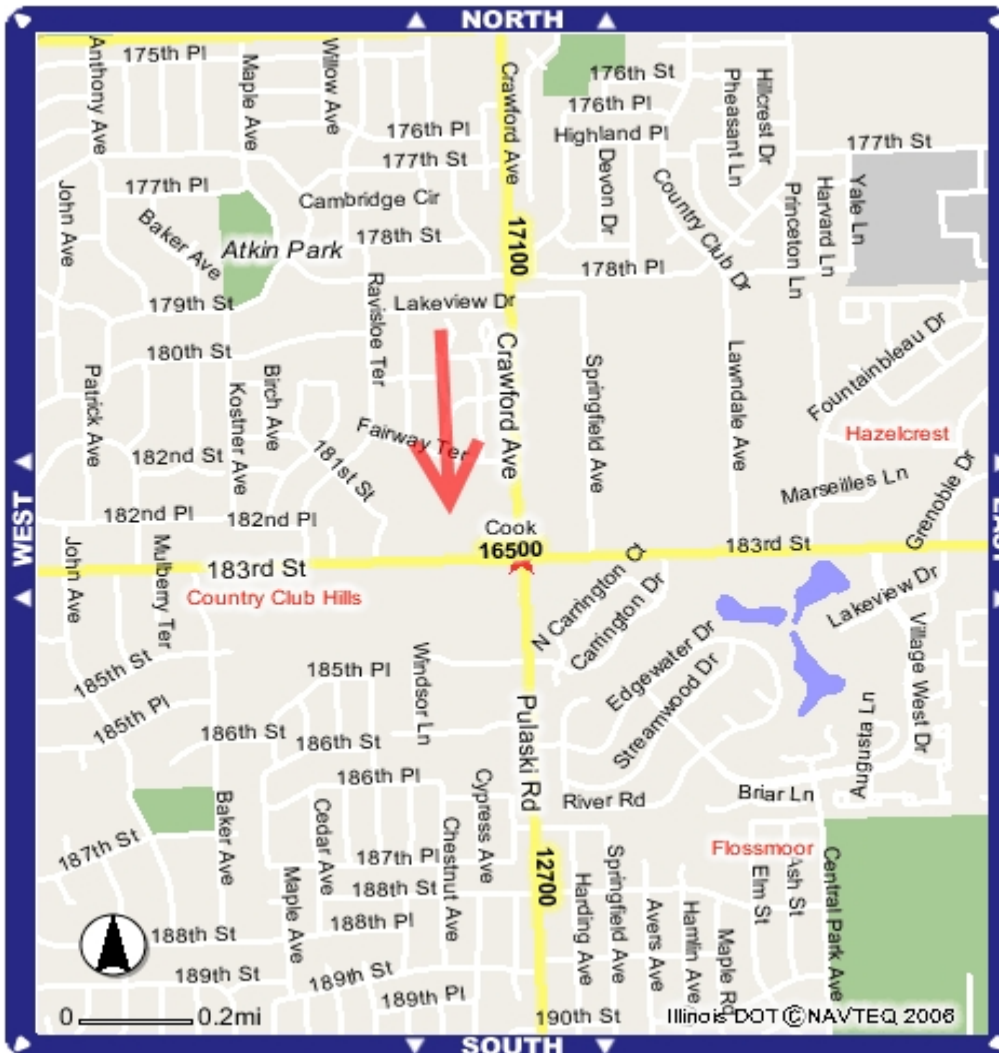
The following traffic volume statistics were obtained through the Illinois Department of Transportation website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

Pulaski Rd (Crawford Ave) ADT

- North of 183rd St is 17,100
- South of 183rd St is 12,700

183rd St ADT

- East of Pulaski Rd is 16,500
- West of Pulaski Rd is 16,500



June 2012

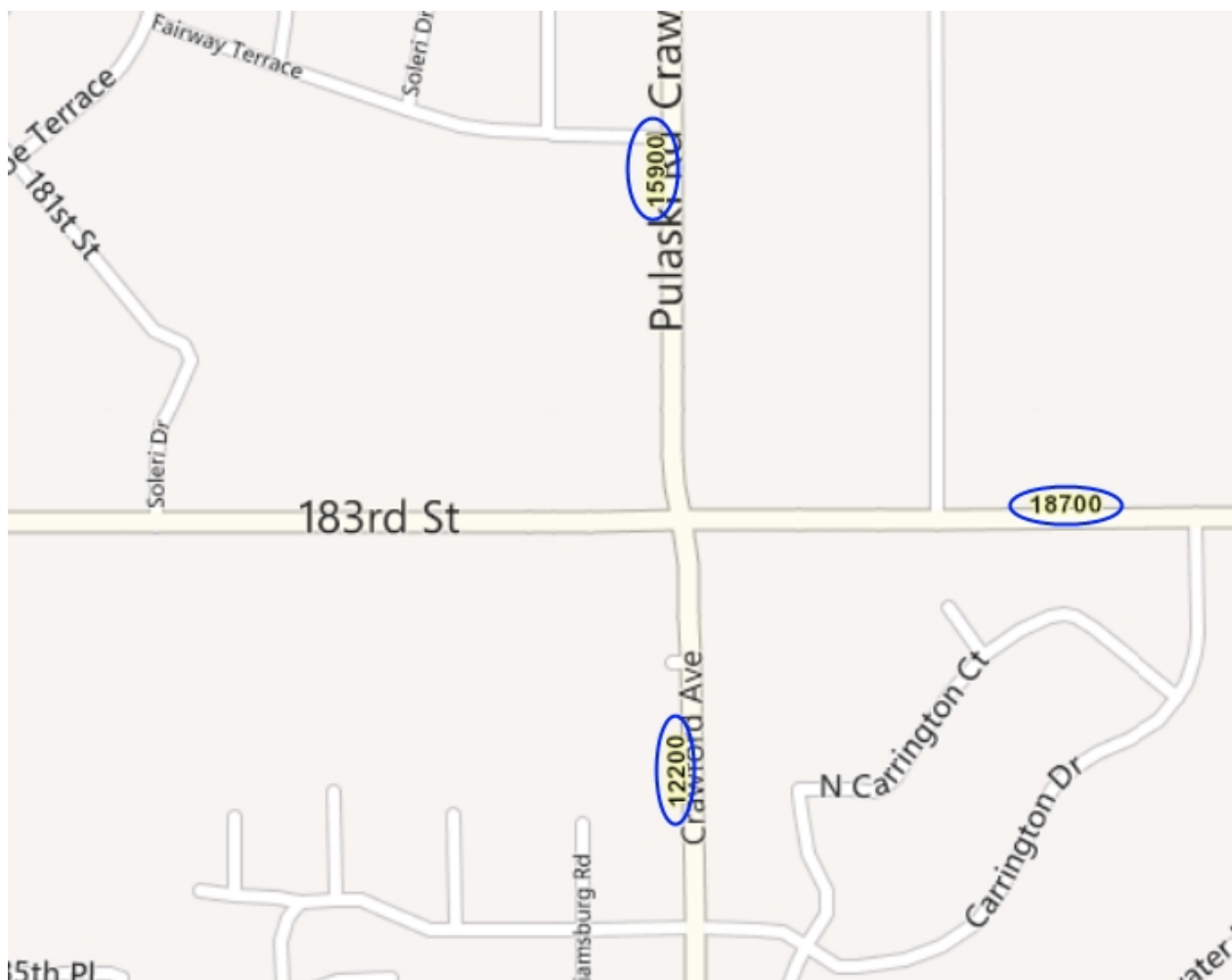
The following traffic volume statistics were obtained through the Illinois Department of Transportation website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

Pulaski Rd (Crawford Ave) ADT

- North of 183rd St is 15,900
- South of 183rd St is 12,200

183rd St ADT

- East of Pulaski Rd is 18,700
- West of Pulaski Rd is 18,700



Summary

In 2009 almost 676 people were killed and an estimated 130,000 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 Rd (Crawford Ave) at 183rd St in 2010.

- Date of RLR camera implementation on Southbound Pulaski Rd (Crawford Ave) at 183rd St: 10/22/2010

There have been no Signal timing (or any other settings of Traffic Controller) changes.

According to the statistics published by IDOT as the Average Daily Traffic (ADT) volume at this intersection didn't change much from September 2008 to June 2012. The crash data from 2010 to 2011 shows "Turning" accidents were reduced from 5 to 1. Turning accidents were reduced over 80%. The total number of accidents was reduced tremendously from 12 in 2010 to 6 in 2011. The decrease in traffic accidents strongly suggests the camera is effective and should remain at this intersection.

Numerous studies citing national statistics, as well as the experience of many individual municipalities, indicate decreases in red light running violations and collisions after camera was installed. Southbound Pulaski Rd (Crawford Ave) at 183rd 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.