

IL Route 50 (Cicero Ave) at 175th Street

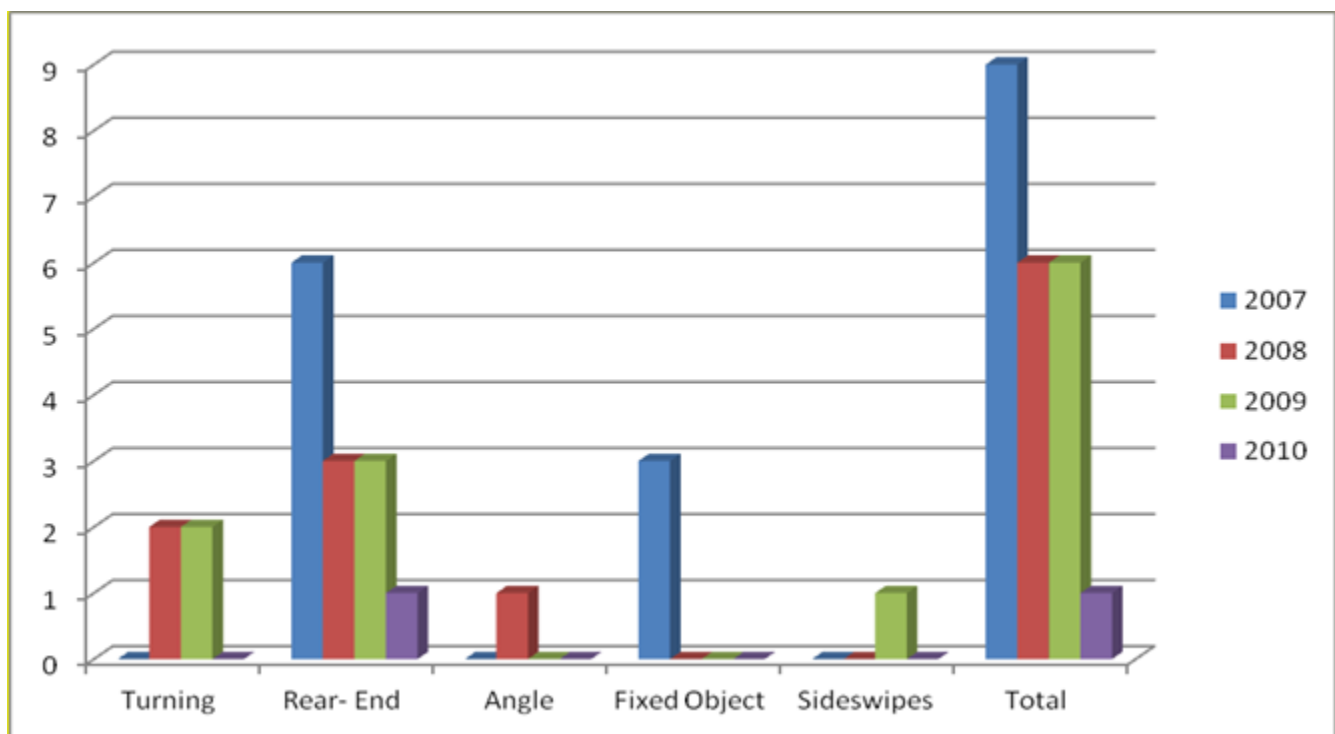
<Northbound>

RLR Crash Data and Analysis

The table and chart below show the summary of Crash data at the intersection of IL Route (Cicero Ave) at 175th Street including 3 years (2007 – 2009) prior to RLR camera installation as well as 1 year post period crash data (2010).

	Turning	Rear- End	Angle	Fixed Object	Sideswipes	Total
2007	0	6	0	3	0	9
2008	2	3	1	0	0	6
2009	2	3	0	0	1	6
2010	0	1	0	0	0	1

IL Route (Cicero Ave) at 175th Street (City of Country Club Hills)



The results showed the turning accidents reduced from 2 in 2009 to 0 in 2010. Total accidents significantly reduced in 2009 from 6 to 1 in 2010 at this intersection thus, evidencing an 84% reduction.



Illinois Department of Transportation
Division of Traffic Safety

Report Produced : 10/18/2011 7:25 AM
By: CENTRALMENELEYMJ
Page : 1 of 3

Report No : SDM-RC002
Sorted by : Mile / Date / ICD

Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: IL050 | From MileStation 34.42 to 34.42 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	A	Injured	C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event1	Loc 1	Event2	Loc 2	Event3	Loc 3	Unit	
201001167256	Clear	Dry	0	0	0	0	11-Rear-end	Daylight	34.42	Sport utility vehicle (SUV)	South	Backing	Motor vehicle in trans.	Overtaking (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
5/19/2010 7:30 PM										Sport utility vehicle (SUV)	South	Swing/stop in trans.	Motor vehicle in trans.	Overtaking (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2



Collision Diagram
1/1/2010 to 12/31/2010

Crash Route: IL050 | From MileStation 34.42 to 34.42 | 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 A INJURIES	TOTAL B INJURIES	TOTAL C INJURIES
1	0	0	0	0	1	0	0	0	0

Type of Crash	Total	%	Day of Wk	Hour of Day	Vehicle Type	Total	%
11-Reverse Id	1	100.0%	Wednesday	7 PM	Sport Utility Vehicle (SUV)	2	100.0%
TOTAL:	1		TOTAL:	TOTAL:	TOTAL:	2	

Weather Cond	Total	%	Road Surface	Total	%
Clear	1	100.0%	Dry	1	100.0%
TOTAL:	1		TOTAL:	1	

Collision Diagram

1/1/2010 to 12/31/2010

Crash Route: IL050 | From MileStation 34.42 to 34.42 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Notes

Current year and previous year data are not yet complete and are subject to change as more information becomes available. Calendar date selections include data based on the date of the crash. Year selections include data based on the statistical year in which the crash was processed.

The intersection-related field could be incorrect and affect the data on the report.

If a crash occurs between two municipalities, it may be coded to another city/county from what is on the crash report.

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.



Illinois Department of Transportation
Division of Traffic Safety

Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: IL050 | From MileStation 34.42 to 34.42 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	A	Injured	C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event1	Loc 1	Event2	Loc 2	Event3	Loc 3	Unit
20090105 6577	Clear	Dry	0	0	0	0	10-Trailing	Darkness/Lighted road	34.42	Van/minivan	North	Turning left	Motor vehicle in traffic	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	1
20090118 4538	Clear	Dry	0	0	0	0	11-Rear-end	Darkness/Lighted road	34.42	Passenger	West	Straight ahead	Motor vehicle in traffic	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	1
20090119 4631	Clear	Dry	0	0	0	0	11-Rear-end	Daylight	34.42	Passenger	West	Swi&stop in traffic	Motor vehicle in traffic	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	2
20090127 1774	Clear	Dry	0	0	0	0	13-Sideswipe opp. dir.&ctn	Daylight	34.42	Passenger	South	Swi&stop in traffic	Motor vehicle in traffic	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	2
20090132 6576	Clear	Dry	0	0	0	0	11-Rear-end	Darkness/Lighted road	34.42	Passenger	West	Straight ahead	Motor vehicle in traffic	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	1
20090132 6576	Clear	Dry	0	0	0	0	11-Rear-end	Darkness/Lighted road	34.42	Passenger	West	Straight ahead	Motor vehicle in traffic	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	2



Illinois Department of Transportation
Division of Traffic Safety

Report Produced : 10/18/2011 7:16 AM
By: CENTRALMENEELYMJ
Page : 2 of 4

Report No : SDM-RC002
Sorted by : Mile / Date / ICM

Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: IL050 | From MileStation 34.42 to 34.42 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	A	Injured	C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event1	Loc 1	Event2	Loc 2	Event3	Loc 3	Unit	
20090130 0823		Dry	0	0	0	0	1D-Turning	Daylight	34.42	Passenger	South	Turning left	Motor vehicle in trans.	Overtake in (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
10/20/2008 9:40 AM	Clear		0	0	0	0				Passenger	Northwest	Straight ahead	Motor vehicle in trans.	Overtake in (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2



Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: IL050 | From MileStation 34.42 to 34.42 | 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
6	0	0	0	0	6	0	0	0	0	0

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Traffic	2	33.3%	Monday	1	16.7%	08 AM	1	16.7%	Passenger	9	75.0%
11-Rear End	3	50.0%	Tuesday	3	50.0%	09 AM	1	16.7%	Pickup	1	8.3%
13-Subsweep opp. direction	1	16.7%	Thursday	1	16.7%	6 PM	1	16.7%	Van/Minivan	2	16.7%
TOTAL:	6		Saturday	1	16.7%	7 PM	1	16.7%	TOTAL:	12	
			TOTAL:	6		8 PM	1	16.7%			
						10 PM	1	16.7%			
						TOTAL:	6				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	100.0%	Darkness/Lighted road	2	33.3%	Dry	6	100.0%	North	2	16.7%
TOTAL:	6		Daylight	3	50.0%	TOTAL:	6		Northwest	1	8.3%
			Dark	1	16.7%				South	5	41.7%
			TOTAL:	6					West	4	33.3%
									TOTAL:	12	

Collision Diagram

1/1/2009 to 12/31/2009

Crash Route: IL050 | From MileStation 34.42 to 34.42 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Notes

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Report No.: SDM-RC002
Sorted by: Mile / Date / ICM

Report Produced: 10/18/2011 7:11 AM
By: CENTRALMENELEYMJ
Page: 1 of 4

Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: IL050 | From MileStation 34.36 to 34.36 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	A	Injured	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
8/23/2004	Rain	West	0	0	0	0	10-Turning	Daylight	34.36	Unknown	North	Straight ahead	Motor vehicle in lane	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	1
8/25/2007	Clear	West	0	0	1	0	15-Angle	Daylight	34.36	Sport utility vehicle (SUV)	North	Slightly to the right	Motor vehicle in lane	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	1
8/25/2007	Clear	West	0	0	0	0	15-Angle	Daylight	34.36	Sport utility vehicle (SUV)	Southwest	Slightly to the right	Motor vehicle in lane	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	2
8/25/2007	Clear	West	0	0	0	0	15-Angle	Daylight	34.36	Sport utility vehicle (SUV)	Southwest	Slightly to the right	Motor vehicle in lane	Overtaking	(UNK)	(UNK)	(UNK)	(UNK)	2
2/12/2008	Snow	Slow or stop	0	0	0	0	10-Turning	Daylight	34.36	Sport utility vehicle (SUV)	Northeast	Turning left	Motor vehicle in lane	Intersecting	(UNK)	(UNK)	(UNK)	(UNK)	1
2/23/2008	Clear	West	0	0	0	0	11-Rearend	Unknown	34.36	Passenger	West	Straight ahead	Motor vehicle in lane	Intersecting	(UNK)	(UNK)	(UNK)	(UNK)	2
3/14/2008	Clear	West	0	0	0	0	11-Rearend	Unknown	34.36	Passenger	South	Straight ahead	Motor vehicle in lane	Intersecting	(UNK)	(UNK)	(UNK)	(UNK)	1
4/16/2008	Clear	West	0	0	0	0	11-Rearend	Daylight	34.36	Passenger	South	Straight ahead	Motor vehicle in lane	Intersecting	(UNK)	(UNK)	(UNK)	(UNK)	2



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Report Produced : 10/18/2011 7:11 AM
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Page : 2 of 4

Report No : SDM-RC002
Sorted by : Mile / Date / ICM

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1/1/2008 to 12/31/2008

Crash Route: IL050 | From MileStation 34.36 to 34.36 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadusg	A	Injured	C	Killed	Type of Crash	Light Condition	Mile	Vehicle Type	DIRP	Maneuver	Event1	Loc 1	Event2	Loc 2	Event3	Loc 3	Unit	
83717702																				
9/27/2008 9:00 AM	Clear	Dry	0	0	0	0	11-Rear-end	Daylight	34.36	Passenger	North	Straight ahead	Motor vehicle in turn	Overtake in (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
										Passenger	North	Swing/stop in turn	Motor vehicle in turn	Overtake in (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2



Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: IL050 | From MileStation 34.36 to 34.36 | 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
6	0	0	0	1	5	0	1	0	0	1

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	2	33.3%	Tuesday	3	50.0%	03 AM	1	16.7%	Passenger	8	66.7%
11-Rear End	3	50.0%	Wednesday	1	16.7%	08 AM	1	16.7%	Sport Utility Vehicle (SUV)	3	25.0%
15-High	1	16.7%	Saturday	2	33.3%	09 AM	1	16.7%	UNKNOWN	1	8.3%
TOTAL:	6		TOTAL:	6		Noon	2	33.3%	TOTAL:	12	
						4 PM	1	16.7%			
						TOTAL:	6				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	D/F/P	Total	%
Clear	4	66.7%	Daylight	5	83.3%	Dry	4	66.7%	North	4	33.3%
Rain	1	16.7%	Unknown	1	16.7%	Snow or Ice	1	16.7%	Northeast	2	16.7%
Snow	1	16.7%	TOTAL:	6		Wet	1	16.7%	South	4	33.3%
TOTAL:	6			6		TOTAL:	6		Southwest	1	8.3%
									West	1	8.3%
									TOTAL:	12	

Collision Diagram

1/1/2008 to 12/31/2008

Crash Route: IL050 | From MileStation 34.36 to 34.36 | County: Cook | Intersection Related: Intersections | *See Notes at End of Report.

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IL Department of Transportation --- Div of Traffic Safety
Collision Diagram Report

Database: CISReports
01/07/2009
Page 1 of 3

01/01/2007 to 12/31/2007

Route: 5050 From MileStation 34.36 to 34.36

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													
70864918 1/21/07 7:15 pm	Snow	Snow or Slush	0	0	0	0	Fixed object	34.36	Passenger	S	Straight Ahead	Curb	1					1
70867340 2/5/07 5:05 pm	Clear	Dry	0	0	1	0	Rear end	34.36	SUV	E	Straight Ahead	Motor Vehicle In Traffic	1					1
70865765 2/14/07 10:00 am	Snow	Snow or Slush	0	0	0	0	Rear end	34.36	Van/Mini-Van	S	Slidding/Control Loss	Motor Vehicle In Traffic	1					1
70771266 2/23/07 8:15 am	Clear	Dry	0	0	0	0	Rear end	34.36	Passenger	S	Slow/Stop - Left Turn	Motor Vehicle In Traffic	1					2
73162887 8/6/07 7:15 am	Unknown	Unknown	0	1	2	0	Rear end	34.36	Passenger	N	Straight Ahead	Motor Vehicle In Traffic	1					1
73283581 8/16/07 6:30 pm	Clear	Dry	0	0	0	0	Rear end	34.36	Passenger	W	Slow/Stop - Load/Unloaded	Motor Vehicle In Traffic	1					2
73673978 9/30/07 10:15 pm	Clear	Dry	0	0	0	0	Fixed object	34.36	Passenger	NE	Turning Right	Run Off Roadway	5					1

IL Department of Transportation --- Div of Traffic Safety
Collision Diagram Report

Database: CISReports
01/07/2009
Page 2 of 3

01/01/2007 to 12/31/2007

Route: 5050 From MileStation 34.36 to 34.36

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															
74170838 10/27/07 10:19 am	Clear	Dry	0	0	0	0	Rear-end	Daylight	34.36	Passenger	S	Straight Ahead	Motor Vehicle In Traffic	1					1	
										Passenger	S	Slow/Stop in Traffic	Motor Vehicle In Traffic	1						2
74778812 11/18/07 8:10 pm	Rain	Wet	0	0	0	0	Fixed object	Darkness, Lighted Road	34.36	Passenger	E	Straight Ahead	Ran Off Roadway	3	Tree or Shrub	3	Ditch/Embarkment	3	1	

Traffic Volume

November 2009

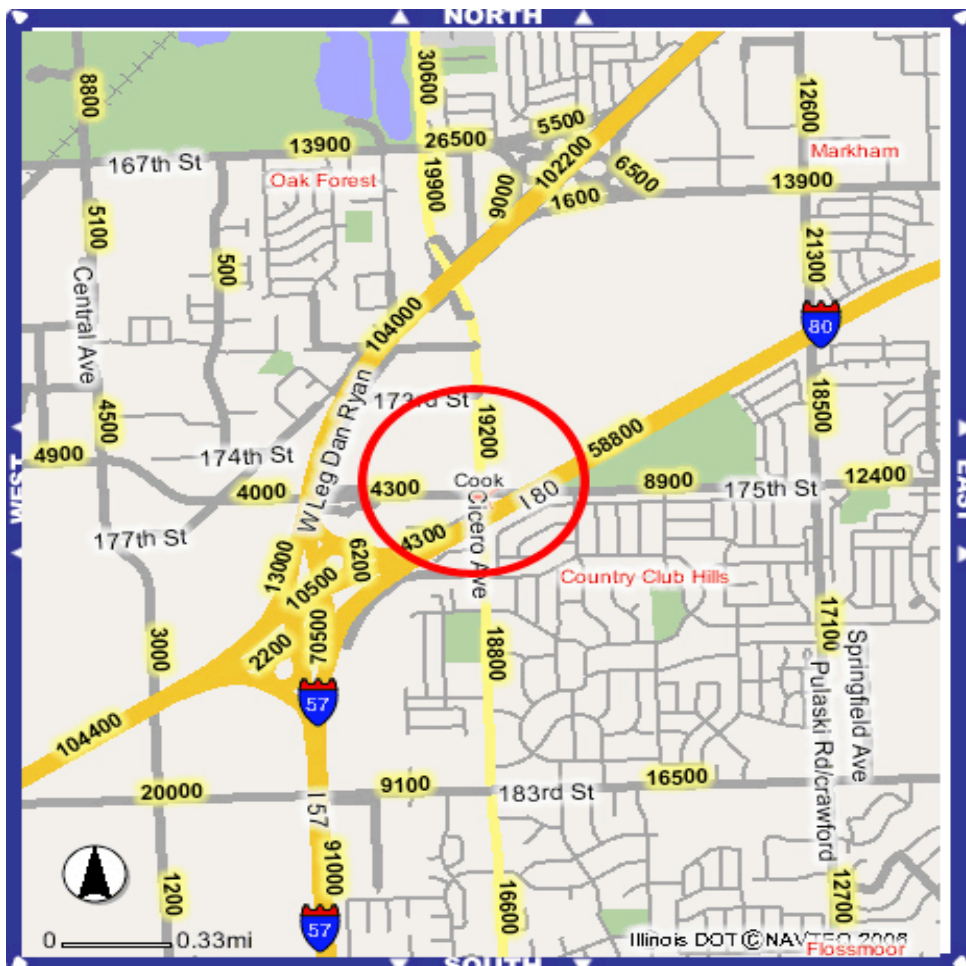
The following traffic volume statistics were obtained through the Illinois Department of Transportation website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

IL Route 50 ADT

- North of 175th St is 19,200
- South of 175th St is 18,800

175th St ADT

- East of Route 50 is 8,900
- West of Route 50 is 4,300



May 2012

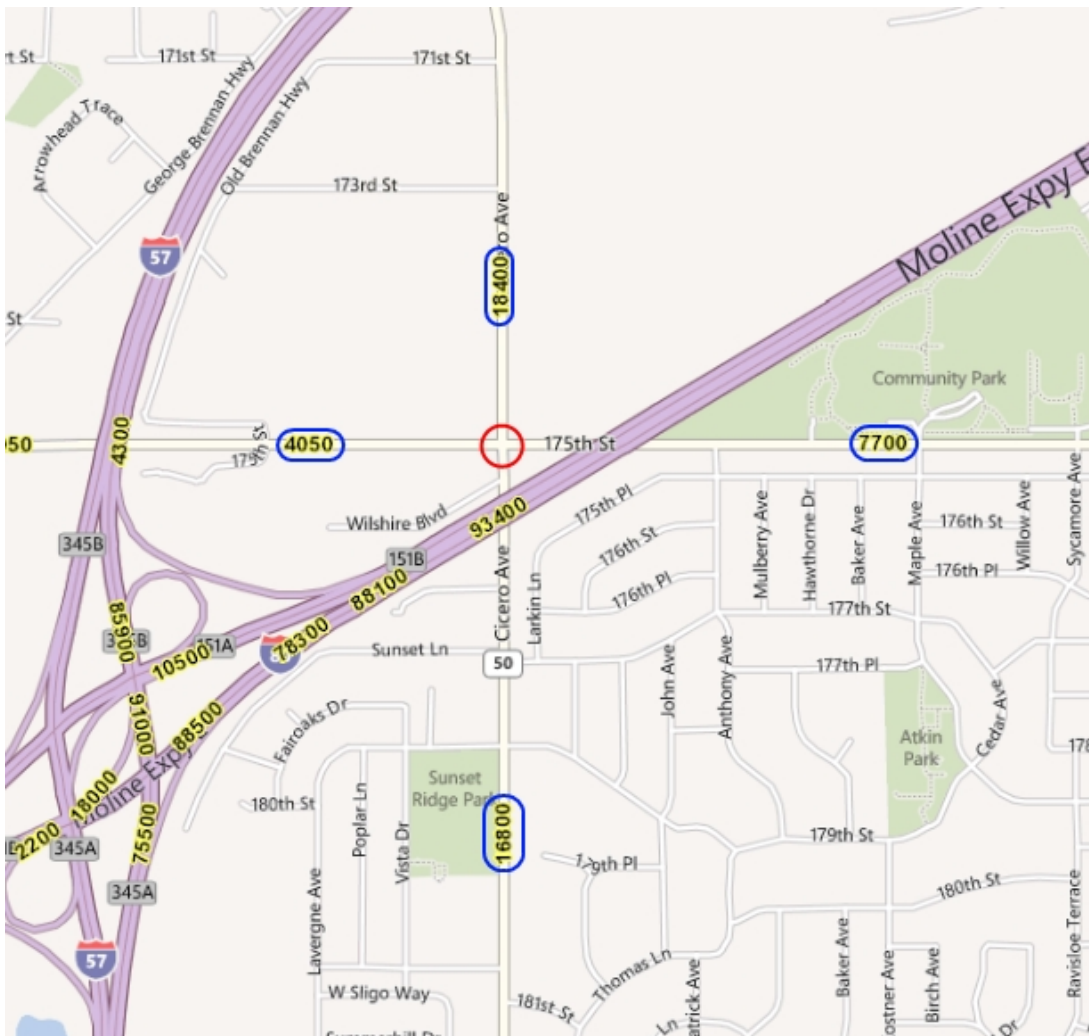
The following traffic volume statistics were obtained through the Illinois Department of Transportation website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

IL Route 50 ADT

- North of 175th St is 18,400
- South of 175th St is 16,800

175th St ADT

- East of Route 50 is 7,700
- West of Route 50 is 4,050



Summary

In 2009 over 675 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 has also been 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 IL Route 50 (Cicero Ave) at 175th Street in 2010.

- Date of RLR camera implementation on Northbound IL Route 50 (Cicero Ave) at 175th: 8/26/2010

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) report at this intersection didn't change much from November 2009 to May 2012. The crash data from 2009 to 2010 shows turning accidents were reduced from 2 to 0. Rear End accidents were reduced from 3 to 1. The total number of accidents was reduced tremendously from 6 in 2009 to 1 in 2010. The decrease in traffic accidents to 1 strongly suggests the camera is effective and should remain at this intersection. We suggest given more time to monitor this intersection, we will be able to provide more compelling information in the years to come.

Numerous studies citing national statistics, as well as the experience of many individual municipalities, indicate decreases in red light running violations and collisions after cameras have been installed. Northbound IL Route 50 (Cicero Ave) at 175th is not an exception.