

US Rte. 12/45 (Mannheim) at Belmont Ave. Southbound Approach

Automated Red-Light Camera Enforcement System Statistical Analysis and Evaluation

Submitted By:



FRANKLIN PARK POLICE DEPARTMENT
9451 W. Belmont
Franklin Park, IL 60131

RLR Camera Manufactured
by RedSpeed Illinois LLC

Contractor: H&H Electric Co.
2830 Commerce St.
Franklin Park, IL 60131





September 24, 2019

A Red Light Running (RLR) Photo Enforcement System was installed at the intersection of US Rte. 12/45 (Mannheim) at Belmont Avenue on February 26, 2016 (southbound), after finding limited success with other attempted measures to promote safer driving and improve compliance with traffic laws. As a condition of use, both Illinois law and the Illinois Department of Transportation require periodic statistical analyses/evaluations be conducted.

Specifically, the Illinois Compiled Statutes, 625 ILCS 5/11-208.6 Automated Traffic Law Enforcement System states:

(k-7) A municipality or county operating an automated traffic law enforcement system shall conduct a statistical analysis to assess the safety impact of each automated traffic law enforcement system at an intersection following installation of the system. The statistical analysis shall be based upon the best available crash traffic and other data and shall cover a period of time before and after installation of the system sufficient to provide a statistically valid comparison of safety impact. The statistical analysis shall be consistent with professional judgment and acceptable industry practice. The statistical analysis also shall be consistent with the data required for valid comparisons of before and after conditions and shall be conducted within a reasonable period following the installation of the automated traffic law enforcement system. The statistical analysis required by this subsection (k-7) shall be made available to the public and shall be published on the website of the municipality or county. If the statistical analysis for the 36-month period following installation of the system indicates that there has been an increase in the rate of accidents at the approach to the intersection monitored by the system, the municipality or county shall undertake additional studies to determine the cause and severity of the accidents, and may take any action that it determines is necessary or appropriate to reduce the number or severity of the accidents at that intersection.

The Illinois Department of Transportation Safety Engineering Policy Memorandum, Safety 2-13, Automated Traffic Law Enforcement Systems: Red Light Running (RLR) Camera Enforcement Systems and Automated Railroad Grade Crossing (RGC) Enforcement Systems states:

Follow Up Evaluation

An Evaluation Report shall be prepared by the Permit Applicant one year after the installation and shall be prepared every three years thereafter. The Evaluation Report shall include the following:

- *Intersection location(s);*
- *Date of implementation;*
- *RLR Camera System manufacturer and contractor name;*
- *Crash data specific to RLR location(s) for the three (3) year period prior to and for the period post RLR Camera installation;*
- *An analysis of the crash data, including a summary of any increase in crash types;*
- *Signal timing and other settings before and after RLR Camera installation;*
- *Traffic volumes before and after RLR Camera System installation; and,*
- *Summary of adjudication experience and results.*

The following one (1) year evaluation was performed through 2017.



September 24, 2019

US Rte. 12/45 (Mannheim) at Belmont Avenue
Franklin Park, IL

- RLR Photo Enforcement System monitors violations occurring on the southbound approach of the intersection
- RLR Photo Enforcement System installed: February 26, 2016



US Rte. 12/45 (Mannheim) at Belmont Avenue, Northbound Approach



US Rte. 12/45 (Mannheim) at Belmont Avenue, Southbound Approach



US Rte. 12/45 (Mannheim) at Belmont Avenue, Eastbound Approach



US Rte. 12/45 (Mannheim) at Belmont Avenue, Westbound Approach





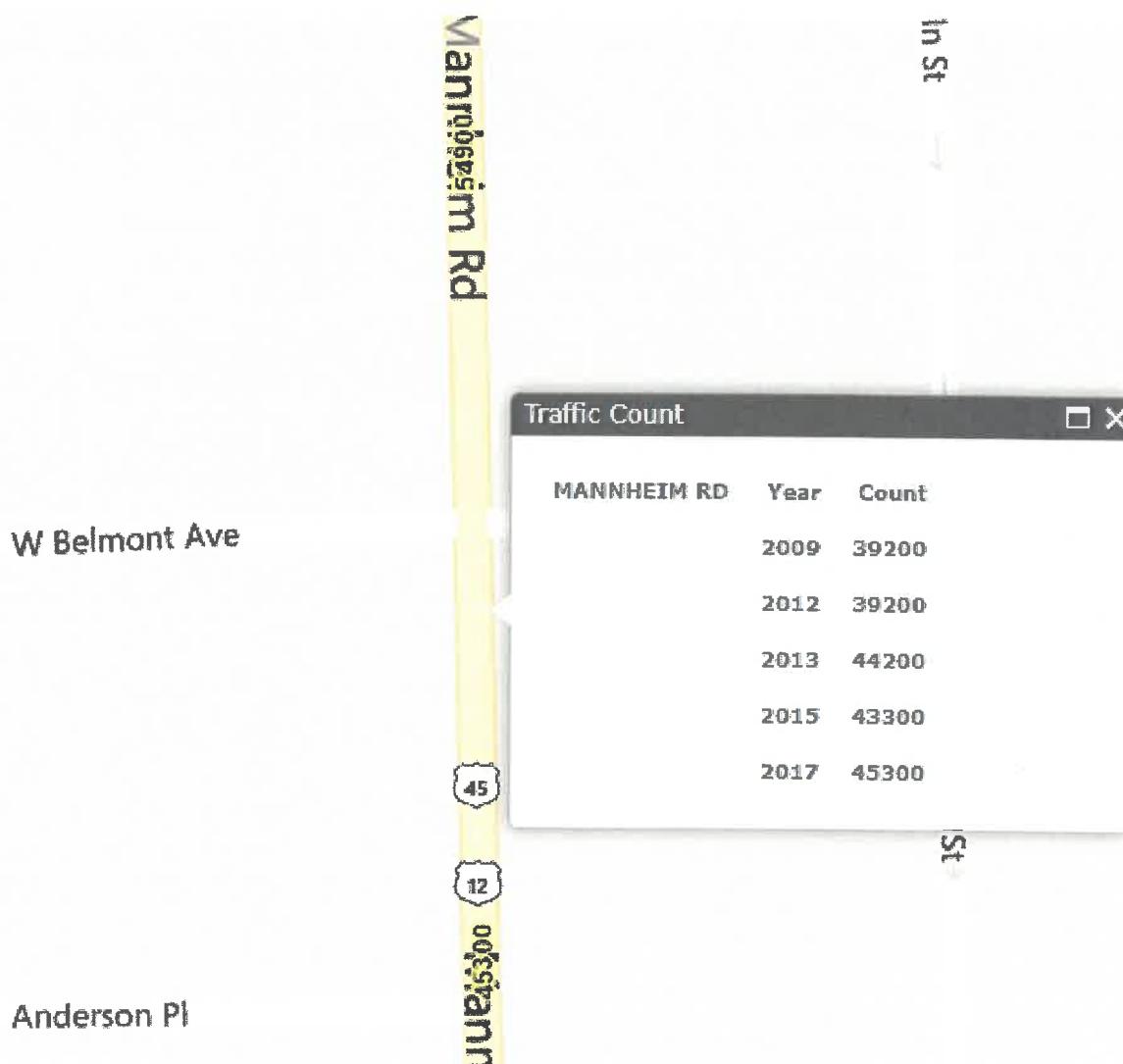
September 24, 2019

Average Daily Traffic

Data was obtained from the Illinois Department of Transportation's website
www.gettingaroundillinois.com.

US Rte. 12/45 (Mannheim) at Belmont Avenue (Northbound)

- 39,200 (2009)
- 39,200 (2012)
- 44,200 (2013)
- 43,300 (2015)
- 45,300 (2017)





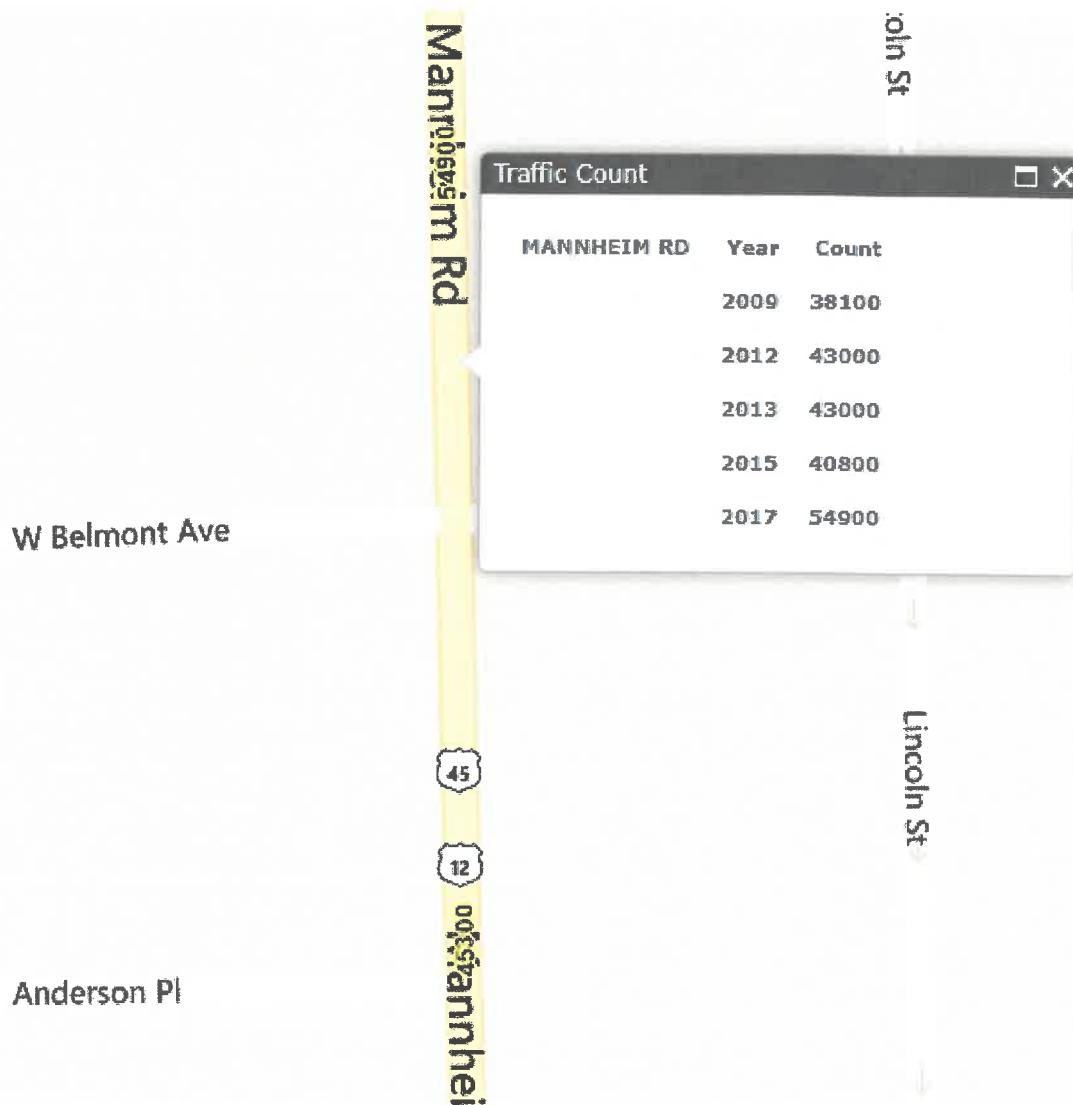
September 24, 2019

Average Daily Traffic

Data was obtained from the Illinois Department of Transportation's website
www.gettingaroundillinois.com.

US Rte. 12/45 (Mannheim) at Belmont Avenue (Southbound)

- 38,100 (2009)
- 43,000 (2012)
- 43,000 (2013)
- 40,800 (2015)
- 54,900 (2017)





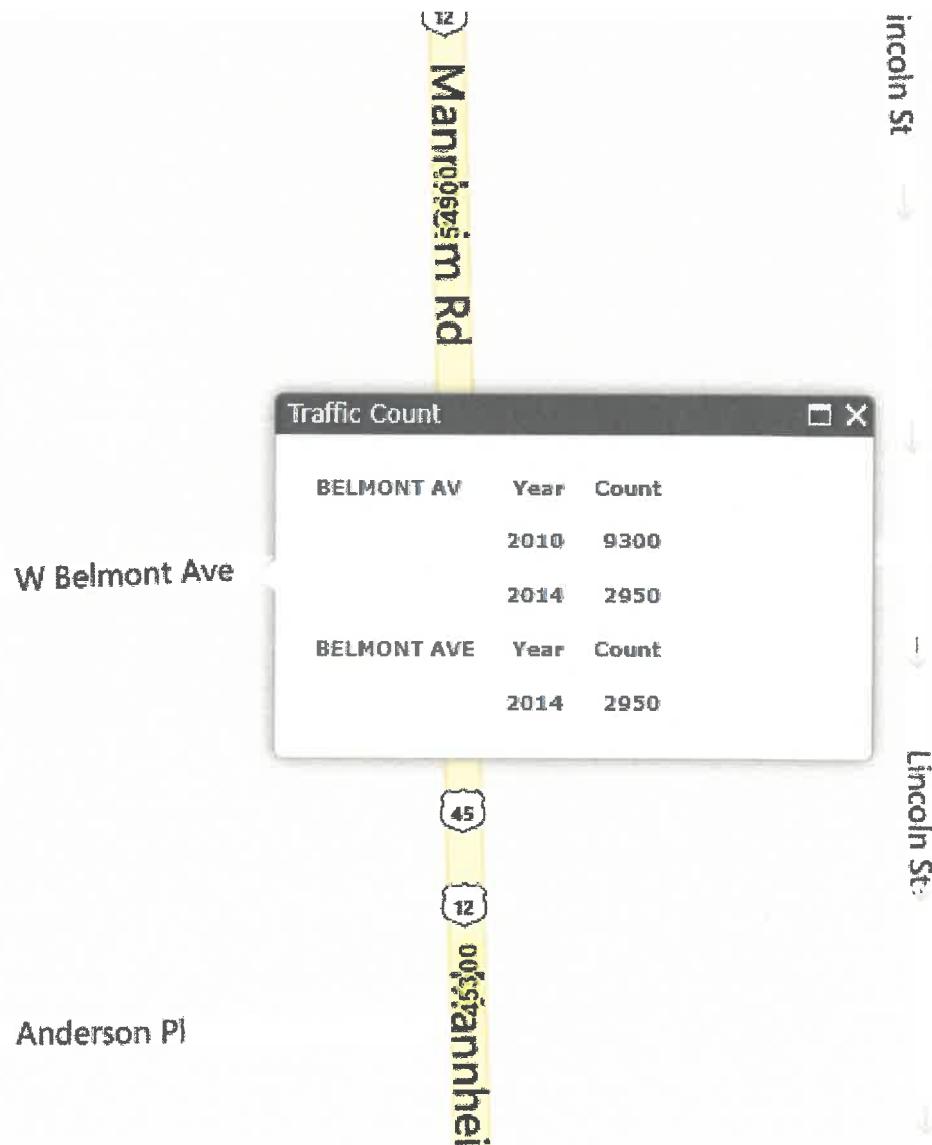
September 24, 2019

Average Daily Traffic

Data was obtained from the Illinois Department of Transportation's website
www.gettingaroundillinois.com.

US Rte. 12/45 (Mannheim) at Belmont Avenue (Eastbound/Westbound)

- 9,300 (2010)
- 2,950 (2014)





September 24, 2019

Adjudication Experience

RLR camera violations are contested and adjudicated through an administrative hearing conducted each month. Adjudication data for the Village's Automated Enforcement Program is shown below in Table 1. Data compiled is not intersection specific, rather totals for the program as a whole.

VILLAGE OF FRANKLIN PARK ADJUDICATION FOR AUTOMATED PHOTO ENFORCEMENT PROGRAM		
YEAR /TOTALS	LIABLE	NOT LIABLE
2008	50	11
2009	457	44
2010	238	24
2011	157	16
2012	161	28
2013	117	32
2014	77	12
2015	110	29
2016	163	40
2017	248	69
2018	152	169
2019**	80	42
PROGRAM TO DATE TOTAL:	2,010	516

*Adjudication totals include contested violations for entire program (all RLR cameras).

**2019 totals through September 2019.

Table 1

The high-quality video footage and photographic evidence produced by the enforcement system is a contributing factor in a majority of the contested RLR violations being upheld by the Hearing Officer. The police officers assigned to review and approve/reject potential violations are vigilant in applying the same officer discretion and criteria they would if issuing an in-person citation, resulting in only highly prosecutable violations being mailed out.



September 24, 2019

Crash History and Analysis

- Table 2 includes crash data obtained from the Illinois Department of Transportation, detailing angle, turning, rear-end, and other type crashes occurring at the intersection pre/post RLR Photo Enforcement System installation.

ALL INTERSECTION APPROACHES

	Crashes								
	Rear-End (% of Total)		Angle (% of Total)		Turning (% of Total)		Other (% of Total)		Total
2013	4	57.1%	0	0.0%	3	42.9%	0	0.0%	7
2014	4	40.0%	0	0.0%	6	60.0%	0	0.0%	10
2015	3	50.0%	1	16.7%	1	16.7%	1	16.7%	6
Total:	11	47.8%	1	4.3%	10	43.5%	1	4.3%	23
2013-2015									
Average:	3.7		0.3		3.3		0.3		7.7

RLR Camera Installation: February 26, 2016									
2016	7	43.8%	0	0.0%	6	37.5%	3	18.8%	16
2017	7	58.3%	1	8.3%	4	33.3%	0	0.0%	12

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

Table 2

DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation, based upon information derived from multiple sources. Any conclusions drawn from analysis of the aforementioned data are the sole responsibility of the data recipient(s). Additionally, for coding years 2015 to present, the Bureau of Data Collection uses the exact latitude/longitude supplied by the investigating law enforcement agency to locate crashes. Therefore, location data may vary in prior years, since the data prior to 2015 was physically located by bureau personnel. Given the subjective nature of the reporting process, the modifications in the incident locating protocols and the changes to the crash reporting thresholds effective 2009, the Village of Franklin Park acknowledges the potential for discrepancies in the final conclusions drawn.



September 24, 2019

Crash History and Analysis (continued)

- Table 3 includes crash data obtained from the Illinois Department of Transportation, detailing angle, turning, rear-end, and other-type crashes occurring at the intersection on the southbound approach only, pre/post RLR Photo Enforcement System installation.

SOUTHBOUND APPROACH ONLY (PHOTO ENFORCED APPROACH)

	Crashes								
	Rear-End (% of Total)		Angle (% of Total)		Turning (% of Total)		Other (% of Total)		Total
2013	2	100.0%	0	0.0%	0	0.0%	0	0.0%	2
2014	1	20.0%	0	0.0%	4	80.0%	0	0.0%	5
2015	2	66.7%	0	0.0%	1	33.3%	0	0.0%	3
Total:	5	50.0%	0	0.0%	5	50.0%	0	0.0%	10
2013-2015									
Average:	1.7		0.0		1.7		0.0		3.3

RLR Camera Installation: February 26, 2016									
2016	4	50.0%	0	0.0%	4	50.0%	0	0.0%	8
2017	4	57.1%	0	0.0%	3	42.8%	0	0.0%	7

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

Table 3

DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation, based upon information derived from multiple sources. Any conclusions drawn from analysis of the aforementioned data are the sole responsibility of the data recipient(s). Additionally, for coding years 2015 to present, the Bureau of Data Collection uses the exact latitude/longitude supplied by the investigating law enforcement agency to locate crashes. Therefore, location data may vary in prior years, since the data prior to 2015 was physically located by bureau personnel. Given the subjective nature of the reporting process, the modifications in the incident locating protocols and the changes to the crash reporting thresholds effective 2009, the Village of Franklin Park acknowledges the potential for discrepancies in the final conclusions drawn.



September 24, 2019

A full comparison of annual averages will be provided once 36 months of data following camera installation is made available by the Illinois Department of Transportation.

The US Department of Transportation Project Development and Design Manual states that turning, angle or head-on crashes have a number of probable crash causes, to include:

- Large volumes of left /right turns
- Large total intersection volume
- Excessive speed on approaches
- Inadequate traffic control devices
- Poor visibility of signals

While red light cameras cannot truly decrease the volume of cars entering the intersection, speed and proximity of vehicles entering an intersection or the amount of turning traffic volume, red light cameras and red-light camera photo enforcement warning signs have the ability to reduce traffic crashes and improve compliance with traffic control devices.

Municipality: Franklin Park

Intersection: US Rte. 12/45 (Mannheim) at Belmont Ave.

Year: 2013-2015

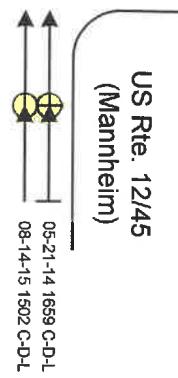
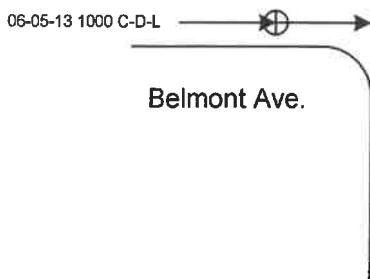
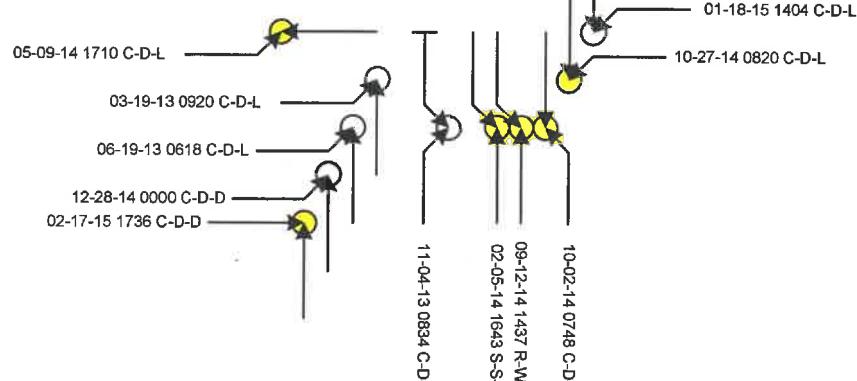
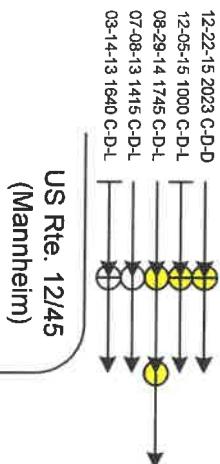


Belmont Ave.

07-24-13 1703 C-D-L

07-28-14 0845 C-D-L

09-15-14 1550 C-D-L



Not Shown:
201501103142

Municipality: Franklin Park

Intersection: US Rte. 12/45 (Mannheim) at Belmont Ave.

Year: 2016

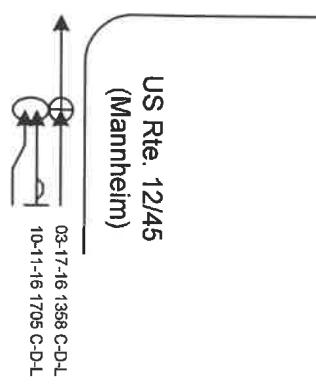
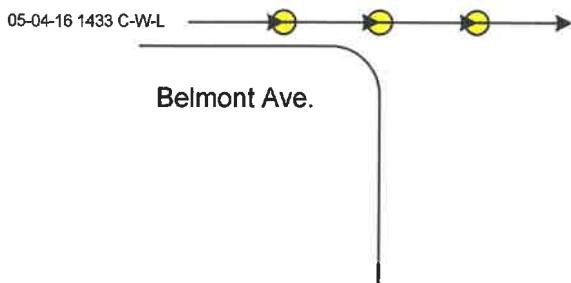
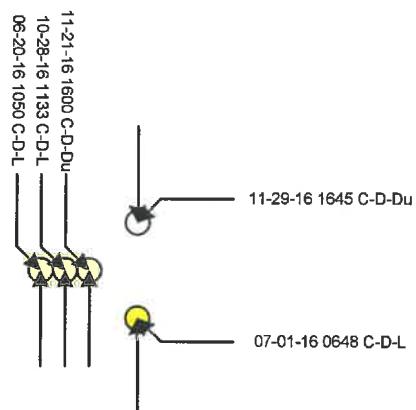


Belmont Ave.

06-29-16 2300 C-D-D

10-04-16 1749 C-D-Du

10-21-16 1642 C-D-L

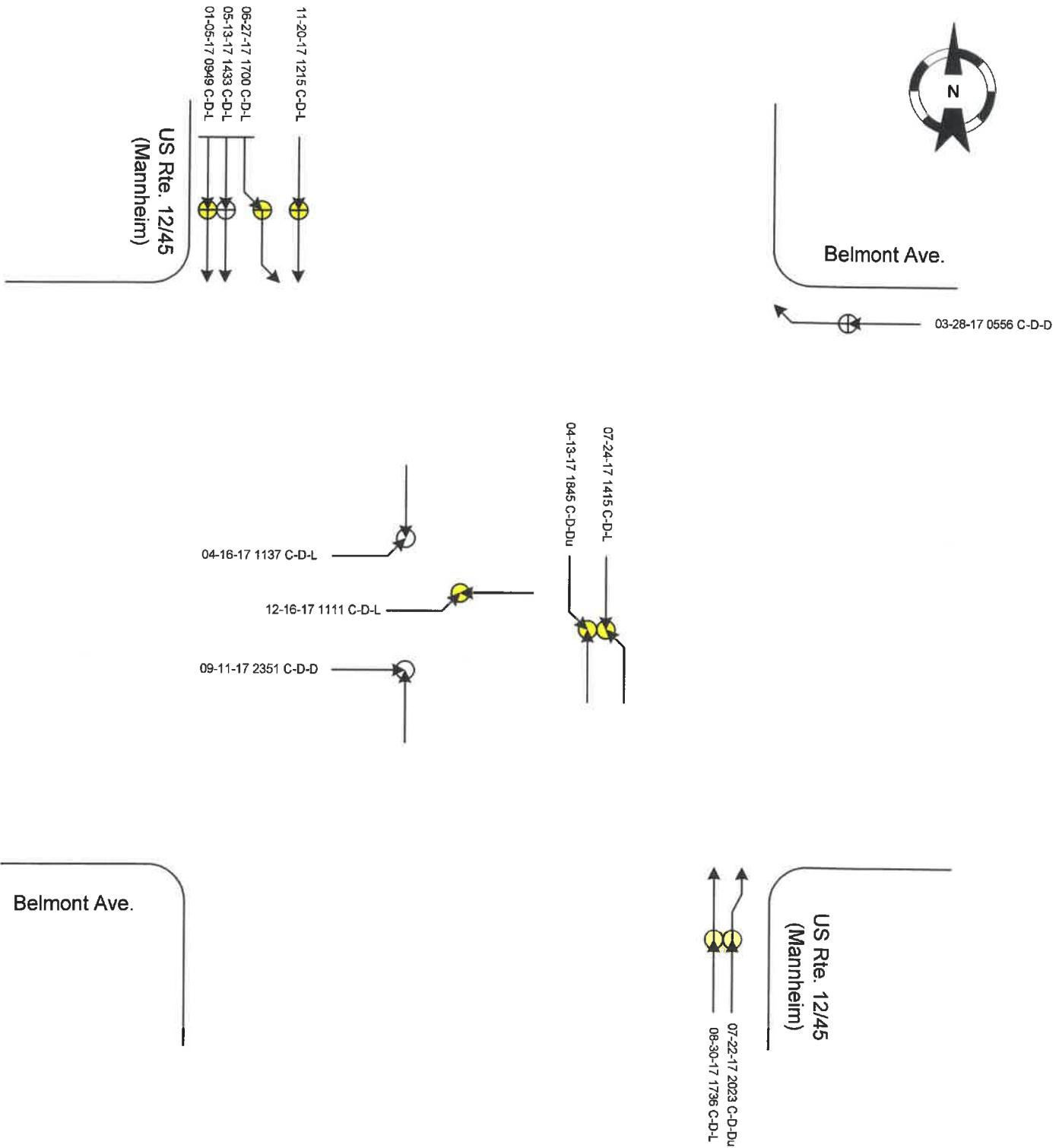


Not Shown:
201601287483

Municipality: Franklin Park

Intersection: US Rte. 12/45 (Mannheim) at Belmont Ave.

Year: 2017





Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: US012 **From MileStation** 50.94 **To MileStation** 50.94 **County :** Cook **Intersection Related:** intersections ***See Notes at End of Report**

Date	Weather	Roadway	Injuries	A	B	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
201301170156	3/4/2013 4:40 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	50.94	Van/Mini-Van	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
201301173514	3/19/2013 9:20 AM	Clear	Dry	0	0	0	0	Turning	Daylight	50.94	Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
201301090779	6/5/2013 10:40 AM	Clear	Dry	0	0	0	0	Rear End	Daylight	50.94	Passenger	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
201301090770	6/19/2013 6:18 AM	Clear	Dry	0	0	0	0	Turning	Daylight	50.94	Tractor With Semi-Trailer	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
201301163763	7/8/2013 2:15 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	50.94	Passenger	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
201301280286	7/24/2013 5:03 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	50.94	Passenger	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
										Pickup	West	Slow/Stop - Left Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1	



Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: US012 | From MileStation 50.94 to 50.94 | County : Cook | Intersection Related: Intersections *See Notes at End of Report.



Crash Route: US012 | From MileStation 50.94 to 50.94 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report

Collision Diagram

1/1/2013 to 12/31/2013

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
	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
Rear End	4	57.1%	Monday	2	28.6%	06 AM	1	14.3%	Passenger	9	64.3%
Turning	3	42.9%	Tuesday	1	14.3%	08 AM	1	14.3%	Pickup	1	7.1%
TOTAL:	7		Wednesday	3	42.9%	09 AM	1	14.3%	SUV	1	7.1%
			Thursday	1	14.3%	10 AM	1	14.3%	Tractor With Semi-Trailer	2	14.3%
			TOTAL:	7		2 PM	1	14.3%	Van/Mini-Van	1	7.1%
						4 PM	1	14.3%	TOTAL:	14	
						5 PM	1	14.3%			
						TOTAL:	7				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DirRP	Total	%
Clear	7	100.0%	Daylight	7	100.0%	Dry	7	100.0%	East	5	35.7%
TOTAL:	7		TOTAL:	7		TOTAL:	7		North	2	14.3%
									South	4	28.6%
									West	3	21.4%
									TOTAL:	14	



Collision Diagram

1/1/2013 to 12/31/2013

Crash Route: US012 | From MileStation 50.94 to 50.94 | 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.



Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2917399.210666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries A	Injuries B	Killed C	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DRP	Maneuver	Event 1 Loc 1	Event 2 Loc 2	Event 3 Loc 3	Unit	
2014/0099199 2/5/2014 4:43 PM	Snow	Snow or Slush	0	1	0	Turning	Daylight	50.94	2917399.69888879 1927612.726549	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK) 1	
2014/00248086 5/9/2014 5:10 PM	Clear	Dry	0	2	0	Turning	Daylight	50.94	2917399.733403 1927612.7291671	Passenger	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	
2014/00277470 5/21/2014 4:59 PM	Clear	Dry	0	0	3	0	Rear End	Daylight	50.94	2917399.733403 1927612.7291671	SUV	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK) 2
2014/00359543 7/28/2014 8:45 AM	Clear	Dry	0	0	0	Rear End	Daylight	50.94	2917399.733403 1927612.7291671	Passenger	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK) 1	
2014/00383955 8/29/2014 5:45 PM	Clear	Dry	0	0	1	0	Rear End	Daylight	50.94	2917399.733403 1927612.7291671	Passenger	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK) 2



Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2917399.21666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries B C	Killed	Type of Crash	Light Condition	Mile	XCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
20140039207	Rain	Wet	0 0 2	0	Turning	Daylight	50.94	2917399.6787826 1927612.72502425	Passenger	South	Unknown	Motor Vehicle In Traffic	(Roadway)	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	3
20140039450	Clear	Dry	0 0 1	0	Rear End	Daylight	50.94	2917399.733403 1927612.7291671	Passenger	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	(Roadway)	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1
20140040577	Clear	Dry	0 1 0	0	Turning	Daylight	50.94	2917399.65034696 1927612.72266682	Pickup	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	(Roadway)	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2
201400423182	Clear	Dry	1 0 0	0	Turning	Daylight	50.94	2917399.53634289 1927612.71421896	Passenger	North	Turning Left	Motor Vehicle In Traffic	(Roadway)	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1
201400357630	AM	Dry	0 0 0	0	Turning	Darkness	50.94	2917399.50471681 1927612.71181934	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	(Roadway)	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2
12/28/2014 8:20 AM	Clear	Dry	0 0 0	0	Turning	Darkness	50.94	2917399.50471681 1927612.71181934	Passenger	East	Turning Left	Motor Vehicle In Traffic	(Roadway)	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1



Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2917399.21666 : YCoordinate 1927813.50381 | Foot Tolerance : 250 | 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	1	3	4	2	0	12	1	4	7

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	4	40.0%	Monday	3	30.0%	Midnight	1	10.0%	Passenger	15	71.4%
Turning	6	60.0%	Wednesday	2	20.0%	07 AM	1	10.0%	Pickup	1	4.8%
TOTAL:	10		Thursday	1	10.0%	08 AM	2	20.0%	SUV	4	19.0%
			Friday	3	30.0%	2 PM	1	10.0%	Unknown	1	4.8%
			Sunday	1	10.0%	3 PM	1	10.0%	TOTAL:	21	
			TOTAL:	10		4 PM	2	20.0%			
						5 PM	2	20.0%			
						TOTAL:	10				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	80.0%	Darkness	1	10.0%	Dry	8	80.0%	East	2	9.5%
Rain	1	10.0%	Daylight	9	90.0%	Snow or Slush	1	10.0%	North	6	28.6%
Snow	1	10.0%	TOTAL:	10		Wet	1	10.0%	South	6	28.6%
TOTAL:	10					TOTAL:	10		Southeast	1	4.8%
									West	6	28.6%
									TOTAL:	21	



Coordinate Collision Diagram Report

1/1/2014 to 12/31/2014

For XCoordinate 2917399.21 666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Notes

DISCLAIMER: The motor vehicle crash data referenced herein was provided by the Illinois Department of Transportation. Any conclusions drawn from analysis of the aforementioned data are the sole responsibility of the data recipient(s). Additionally, for coding years 2015 to present, the Bureau of Data Collection uses the exact latitude/longitude supplied by the investigating law enforcement agency to locate crashes. Therefore, location data may vary in previous years since data prior to 2015 was physically located by bureau personnel.



Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate:2917399.21666 : YCoordinate:1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries	Mile	XCoordinate	Vehicle Type	DRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
2015/01/19/3712			A	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate	Vehicle Type	DRP	Maneuver	Event 1	Loc 1		
2015/01/18/2015 2:04 PM	Clear	Dry	0	0	0	Turning	Daylight	50.94	2917399.2166548 1927612.53931208	Van/Mini-Van	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)	
2015/01/13/4914										Passenger	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)	
2015/01/20/2015 5:36 PM	Clear	Dry	0	1	0	Angle	Darkness, Lighted Road	50.94	2917399.733403 1927612.7291671	SUV	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)	
2015/01/10/3142										Passenger	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)	
2015/02/08/2015 6:45 AM	Clear	Dry	0	1	0	Pedalcyclist	Daylight	50.94	2917399.733403 1927612.7291671	Unknown	Unknown	Unknown	Pedalcyclist 1st	Intersection (UNK) (UNK) (UNK)		
2015/01/15/6271															n (UNK) (UNK) (UNK)	
2015/01/14/2015 3:02 PM	Clear	Dry	0	0	0	Rear End	Daylight	50.94	2917399.74447639 1927612.53952149	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)	
2015/01/25/2015 10:00 AM	Clear	Dry	0	0	1	0	Rear End	Daylight	50.94	2917399.733403 1927612.7291671	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)
2015/01/22/2015 8:23 PM	Clear	Dry	0	1	1	0	Rear End	Daylight	50.94	2917399.76379088 1927612.20883062	Pickup	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK) (UNK)



Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2917399.21666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries	Light	Mile	XCoordinate	Vehicle Type	DRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
			A	B	C											
							Tractor With Semi-Trailer	South	Slow/Stop In Traffic	Motor Vehicle in Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2



Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2917399.21666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | 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	2	3	1	2	0	5	0	3

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	16.7%	Tuesday	2	33.3%	06 AM	1	16.7%	Passenger	5	45.5%
Pedalcyclist	1	16.7%	Thursday	1	16.7%	10 AM	1	16.7%	Pickup	1	9.1%
Rear End	3	50.0%	Friday	1	16.7%	2 PM	1	16.7%	SUV	2	18.2%
Turning	1	16.7%	Saturday	1	16.7%	3 PM	1	16.7%	Tractor With Semi-Trailer	1	9.1%
TOTAL:	6		Sunday	1	16.7%	5PM	1	16.7%	Unknown	1	9.1%
			TOTAL:	6		8PM	1	16.7%	Van/Mini-Van	1	9.1%
						TOTAL:	6		TOTAL:	11	
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	D/R/P	Total	%
Clear	6	100.0%	Darkness, Lighted Road	2	33.3%	Dry	6	100.0%	East	1	9.1%
TOTAL:	6		Daylight	4	66.7%	TOTAL:	6		North	3	27.3%
									South	5	45.5%
									Unknown	1	9.1%
									West	1	9.1%
									TOTAL:	11	



Report No : SDM-RC001
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Illinois Department of Transportation
Division of Traffic Safety

Report Produced : 2/13/2019 9:29 AM
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Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2917399.216666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Notes

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Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

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Date	Weather	Roadway	Injuries	A	B	C	Killed	Type of Crash	Light Condition	XCoordinate	YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
201601296762																					
12/12/2016 6:28 AM	Clear	Snow or Slush	0	0	2	0	0	Rear End	Darkness, Lighted Road	50.87	2917394.25439026	Van/Mini-Van	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
201601278675																					
11/22/2016 12:50 PM	Cloudy/Overcast	Dry	2	0	1	0	0	Rear End	Daylight	50.88	2917396.99433903	Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	3
201601053693																					
3/1/2016 7:51 AM	Cloudy/Overcast	Wet	0	0	0	0	0	Rear End	Daylight	50.89	2917399.733403	Passenger	South	Skidding/Co-ntro Loss	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
201601066170																					
3/17/2016 1:58 PM	Clear	Dry	0	0	0	0	0	Rear End	Daylight	50.89	2917401.1539801	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
201601010751																					
5/4/2016 2:33 PM	Clear	Wet	0	0	1	0	0	Rear End	Daylight	50.89	2917399.733403	Truck Single Unit	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
201601010751																					
5/4/2016 2:33 PM	Clear	Wet	0	0	1	0	0	Rear End	Daylight	50.89	2917399.733403	Truck Single Unit	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1



Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries	Mile	XCoordinate	Vehicle Type	DRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
2016/11/13ǣ	Dry	0	0	0	0	Turning	Daylight	50.89	2917399.733403 1927612.7291671	SUV	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)	2
6/20/2016 10:50 AM	Clear	Dry	0	0	0	Turning	Daylight	50.89	2917399.733403 1927612.7291671	SUV	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection (UNK)	(UNK) (UNK)	1
2016/01/15ः	Dry	0	0	0	0	Rear End	Darkness, Lighted Road	50.89	2917399.736756 1927612.15805912	Tractor With Semi-Trailer	North	Straight Ahead	Motor Vehicle In Traffic	Intersection (UNK)	(UNK) (UNK)	2
6/29/2016 11:00 PM	Clear	Dry	0	0	0	Turning	Daylight	50.89	2917399.733403 1927612.7291671	Passenger	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)	1
2016/01/14⌏	Dry	0	0	1	0	Turning	Daylight	50.89	2917399.733403 1927612.7291671	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)	2
7/1/2016 6:48 AM	Clear	Dry	0	0	0	Sideswipe Same Direction	Dusk	50.89	2917399.733403 1927612.7291671	Passenger	West	Turning Right	Motor Vehicle In Traffic	Pavement (Roadway)	(UNK) (UNK)	1
2016/12/31Ⅺ	Dry	0	0	0	0	Sideswipe Same Direction	Daylight	50.89	2917399.733403 1927612.7291671	Passenger	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)	2
10/4/2016 5:49 PM	Clear	Dry	0	0	0	Sideswipe Same Direction	Daylight	50.89	2917399.733403 1927612.7291671	Passenger	West	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)	1



Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries	Killed	Type of Crash	Light Condition	Mile	XCoordinate	Vehicle Type	DGRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit	
2016/01/24/2016	AM	Clear	Dry	0	1	0	0	Turning	Daylight	50.89	2917399.74275395 1927612.56804949	Passenger	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection In	(UNK)	(UNK)	1
10/28/2016 11:33											Passenger	North	Straight Ahead	Motor Vehicle In Traffic	Intersection In	(UNK)	(UNK)	(UNK)	2
2016/01/01/2016																			
1/13/2016 11:27 AM	Snow	Ice	0	0	0	Rear End	Daylight	50.92	2917395.34011786 1927692.7613043	Van/Mini-Van	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1	
											SUV	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2
											Pickup	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	3
2016/12/24/2016																			
10/11/2016 5:05 PM	Clear	Dry	0	0	0	Sideswipe Same Direction	Daylight	50.94	2917399.73364601 1927612.72958326	Van/Mini-Van	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1	
											Passenger	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2
2016/12/24/2016																			
10/21/2016 4:42 PM	Clear	Dry	0	0	0	0	Sideswipe Same Direction	Daylight	50.94	2917398.73364601 1927612.72958326	SUV	West	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1
											Passenger	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2
2016/12/27/2016																			
11/21/2016 4:00 PM	Clear	Dry	0	0	0	0	Turning	Dusk	50.94	2917399.73364601 1927612.72958326	Passenger	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1
											Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2



Report No : SDM-RC001
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Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.



Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | 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	1	1	3	11	0	8	2	1	5

Type of Crash	Total	%	Day of WK	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	7	43.8%	Monday	3	18.8%	06 AM	2	12.5%	Passenger	21	58.3%
SideSwipe Same Direction	3	18.8%	Tuesday	5	31.3%	07 AM	1	6.3%	Pickup	2	5.6%
Turning	6	37.5%	Wednesday	3	18.8%	08 AM	1	6.3%	SUV	6	16.7%
TOTAL:	16		Thursday	1	6.3%	10 AM	1	6.3%	Tractor With Semi-Trailer	1	2.8%
			Friday	4	25.0%	11 AM	2	12.5%	Truck Single Unit	1	2.8%
			TOTAL:	16		Noon	1	6.3%	Unknown	2	5.6%
						1 PM	1	6.3%	Van/Mini-Van	3	8.3%
						2 PM	1	6.3%	TOTAL:	36	
						4 PM	3	18.8%			
						5 PM	2	12.5%			
						11 PM	1	6.3%			
						TOTAL:	16				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	D/R/P	Total	%
Clear	12	75.0%	Darkness, Lighted Road	2	12.5%	Dry	12	75.0%	East	5	13.9%
Cloudy/Overcast	3	18.8%	Daylight	11	68.8%	Ice	1	6.3%	North	8	22.2%
Snow	1	6.3%	Dusk	3	18.8%	Snow or Slush	1	6.3%	South	12	33.3%
TOTAL:	16		TOTAL:	16		Wet	2	12.5%	Southeast	2	5.6%
						TOTAL:	16		Unknown	1	2.8%

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Report Produced : 4/10/2018 7:42 AM
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Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

<i>DIRP</i>	<i>Total</i>	<i>%</i>
West	8	22.2%
TOTAL:	36	



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Illinois Department of Transportation
Division of Traffic Safety

Report Produced : 4/10/2018 7:42 AM
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Coordinate Collision Diagram Report

1/1/2016 to 12/31/2016

For XCoordinate 2917399.733403 : YCoordinate 1927612.7291671 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Notes

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Report No : SDM-RC001
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Division of Traffic Safety**

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Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 29117399.21666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related : Intersections | *See Notes at End of Report.

Crash Condition Mile YCoordinate XCoordinate Type

Date	Weather	Roadway	Injuries	B	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
2017/01/08/7329 4/13/2017 6:45 PM	Clear	Dry	2	2	0	0	Turning	Dusk	0.00	2917424.947128747 1927606.633664939	Passenger	South	Turning Left	Motor Vehicle In Traffic	Intersection (UNK)	(UNK)	(UNK)	(UNK)	1	
2017/01/08/7329 1/17/2017 9:49 AM	Clear	Dry	2	0	0	0	Rear End	Daylight	50.89	2917399.733403 1927612.7291671	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	Intersection (UNK)	(UNK)	(UNK)	(UNK)	2	
2017/01/08/8920 4/16/2017 11:37 AM	Clear	Dry	0	0	0	0	Turning	Daylight	50.89	2917399.733403 1927612.7291671	Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1	
2017/01/08/8920 5/13/2017 2:33 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	50.89	2917399.73364601 1927612.72958326	SUV	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2	
2017/01/08/8920 6/27/2017 5:30 PM	Clear	Dry	0	0	1	0	Rear End	Daylight	50.89	2917399.73364601 1927612.72958326	Passenger	South	Slow/Stop - Left Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	1	
2017/01/08/8920 6/27/2017 5:30 PM	Clear	Dry	0	0	1	0	Rear End	Daylight	50.89	2917399.73364601 1927612.72958326	Passenger	South	Slow/Stop - Left Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	2	



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

Foot Tolerance : 250 | County : Cook | Intersection Related : Intersections | *See Notes at End of Report.



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2917399.21666 : YCoordinate 1922613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Date	Weather	Roadway	Injuries	Mile	Light Condition	DRIP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
			A B C	Killed	Type of Crash		Vehicle Type							
2017/01/31 2017 11:11 AM	Clear	Dry	1 1 2	0	Turning	Daylight	56.89	2917398.73364601	Van/Mini-Van	West	Straight Ahead	Motor Vehicle In Traffic	Intersection (UNK)	(UNK) (UNK)
								1927612.72558326	Passenger	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection (UNK)	(UNK) (UNK)
2017/01/07 2017 11:11 AM	Clear	Dry	1 1 2	0	Turning	Daylight	56.89	2917398.73364601	Van/Mini-Van	West	Straight Ahead	Motor Vehicle In Traffic	Intersection (UNK)	(UNK) (UNK)
								1927612.72558326	Passenger	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection (UNK)	(UNK) (UNK)
2017/01/07 2017 5:56 AM	Clear	Dry	0 0 0	0	Rear End	Darkness, Lighted Road	50.94	2917398.73364601	Passenger	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)
								1927612.72558326	Passenger	West	Slow/Stop - Right Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)
2017/01/07 2017 5:56 AM	Clear	Dry	0 0 0	0	Rear End	Darkness, Lighted Road	50.94	2917398.73364601	Passenger	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)
								1927612.72558326	Passenger	West	Slow/Stop - Right Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK) (UNK)



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2917399.21666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | 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	Total
<u>12</u>	<u>0</u>	<u>3</u>	<u>1</u>	<u>2</u>	<u>5</u>	<u>0</u>	<u>15</u>	<u>5</u>	<u>4</u>	<u>6</u>	<u>24</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	8.3%	Monday	3	25.0%	05 AM	1	8.3%	Passenger	18	75.0%
Rear End	7	56.3%	Tuesday	2	16.7%	09 AM	1	8.3%	SUV	2	8.3%
Turning	4	33.3%	Wednesday	1	8.3%	11 AM	2	16.7%	Tractor With Semi-Trailer	1	4.2%
TOTAL:	12		Thursday	2	16.7%	Noon	1	8.3%	Tractor Without Semi-Trailer	1	4.2%
Saturday	3	25.0%		2 PM			2	16.7%	Unknown	1	4.2%
Sunday	1	8.3%		5 PM			2	16.7%	Van/Min-Van	1	4.2%
TOTAL:	12			6 PM			1	8.3%	TOTAL:	24	
				8 PM			1	8.3%			
				11 PM			1	8.3%			
				TOTAL:			12				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DirP	Total	%
Clear	12	100.0%	Darkness, Lighted Road	2	16.7%	Dry	12	100.0%	East	2	8.3%
TOTAL:	12		Daylight	8	66.7%	TOTAL:	12		North	7	29.2%
			Dusk	2	16.7%				Northeast	1	4.2%
			TOTAL:	12					South	11	45.8%
									West	3	12.5%
									TOTAL:	24	



Coordinate Collision Diagram Report

1/1/2017 to 12/31/2017

For XCoordinate 2917399.216666 : YCoordinate 1927613.50381 | Foot Tolerance : 250 | County : Cook | Intersection Related: Intersections | *See Notes at End of Report.

Notes

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