

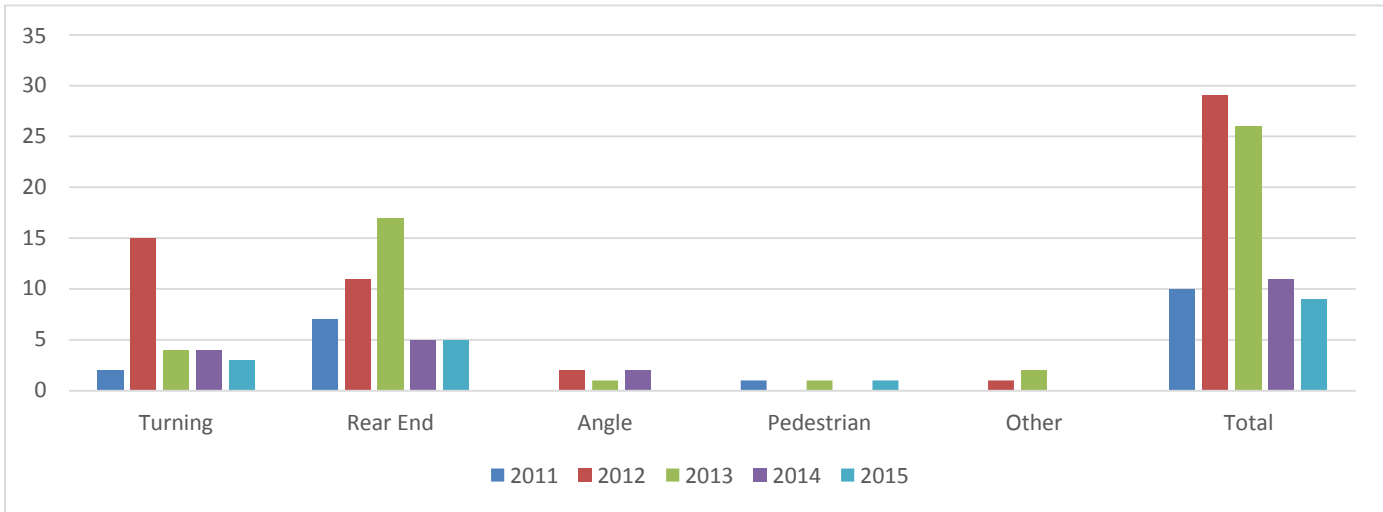
**Dempster St and McCormick Blvd**

**< Southbound >**

# **RLR Crash Data and Analysis**

The table and chart below show a summary of motor vehicle crashes at the intersection of Dempster St and McCormick Blvd over a span of 4 years. The data from 2011 to 2013 show the period prior to the installation of RLR cameras. The data from 2014 show the year in which the cameras were installed. The data from 2015 show the year following the installation.

	Turning	Rear End	Angle	Pedestrian	Other	Total
<b>2011</b>	2	7	0	1	0	<b>10</b>
<b>2012</b>	15	11	2	0	1	<b>29</b>
<b>2013</b>	4	17	1	1	2	<b>26</b>
<b>2014</b>	4	5	2	0	0	<b>11</b>
<b>2015</b>	3	5	0	1	0	<b>9</b>



In 2012 the Average Daily Traffic (ADT) along Dempster St reached 18,500 to 27,700 cars at the intersection of Dempster St and McCormick Blvd. During the same year the ADT along McCormick Blvd reached 24,500 to 26,700 cars, according to IDOT.

In 2015 there was an increase in ADT along McCormick Blvd (27,000 to 33,400). ADT along Dempster St also saw an increase (22,600 to 28,300) at the intersection of Dempster St and McCormick Blvd.

At the intersection of Dempster St and McCormick Blvd there were 10 accidents in 2011, 29 in 2012, 26 in 2013, 11 in 2014 and 9 in 2015.

### Coordinate Collision Diagram Report

1/1/2015 to 12/31/2015

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 45 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	----- A	Injuries B	----- C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
<b>201501039227</b>																				
2/9/2015 1:41 PM	Clear	Dry	0	0	1	0	Rear End	Daylight	0.00	2963703.93957196 1967020.29959119	Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201501048635</b>																				
3/1/2015 1:56 PM	Clear	Unknown	0	0	0	0	Rear End	Daylight	0.00	2963703.57336236 1967021.00825948	Unknown	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
											Unknown	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201501138548</b>																				
7/15/2015 11:25 AM	Clear	Dry	0	3	0	0	Turning	Daylight	0.00	2963703.58580853 1967020.22376473	Passenger	North	Turning Left	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
											Passenger	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201501150225</b>																				
7/23/2015 10:00 AM	Clear	Dry	0	0	0	0	Rear End	Daylight	0.00	2963703.58435543 1967020.31535497	Passenger	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	3
											SUV	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
											Van/Mini-Van	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201501196970</b>																				
9/6/2015 3:30 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	0.00	2963703.58517457 1967020.26372408	Passenger	South	Changing Lanes	Motor Vehicle In Traffic	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	(UNK)	(UNK)	(UNK)	(UNK)	(UNK)	2

**Coordinate Collision Diagram Report**

1/1/2015 to 12/31/2015

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 45 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	----- A	Injuries B	----- C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
<b>201501208767</b>																				
9/14/2015 3:20 PM	Clear	Dry	0	0	1	0	Pedalcyclist	Daylight	0.00	2963703.58600509 1967020.21137559	Passenger	North	Straight Ahead	Pedalcyclist	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201501207219</b>																				
10/2/2015 1:08 PM	Clear	Dry	0	0	0	0	Turning	Daylight	0.00	2963703.58431746 1967020.31774844	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
											Passenger	South	Turning Left	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201501262225</b>																				
11/28/2015 1:56 PM	Clear	Dry	2	0	0	0	Turning	Daylight	0.00	2963703.58558293 1967020.23798467	Passenger	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	2
											SUV	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	Tree or Shrub	Off Pavement - Right	(UNK)	(UNK)	1
											Passenger	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	3
<b>201501274528</b>																				
12/7/2015 7:12 AM	Cloudy/Overcast	Dry	0	0	1	0	Rear End	Daylight	0.00	2963703.58600509 1967020.21137559	Truck Single Unit	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	North	Straight Ahead	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 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 45 | 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
<u>9</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>4</u>	<u>0</u>	<u>8</u>	<u>2</u>	<u>3</u>	<u>3</u>

Type of Crash	Total	%	Dayof Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Pedalcyclist	1	11.1%	Monday	3	33.3%	07 AM	1	11.1%	Passenger	13	68.4%
Rear End	5	55.6%	Wednesday	1	11.1%	10 AM	1	11.1%	SUV	2	10.5%
Turning	3	33.3%	Thursday	1	11.1%	11 AM	1	11.1%	Truck Single Unit	1	5.3%
<b>TOTAL:</b>	<b>9</b>		Friday	1	11.1%	1 PM	4	44.4%	Unknown	2	10.5%
			Saturday	1	11.1%	3 PM	2	22.2%	Van/Mini-Van	1	5.3%
			Sunday	2	22.2%	<b>TOTAL:</b>	<b>9</b>		<b>TOTAL:</b>	<b>19</b>	
			<b>TOTAL:</b>	<b>9</b>							
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	8	88.9%	Daylight	9	100.0%	Dry	8	88.9%	North	10	52.6%
Cloudy/Overcast	1	11.1%	<b>TOTAL:</b>	<b>9</b>		Unknown	1	11.1%	South	8	42.1%
<b>TOTAL:</b>	<b>9</b>					<b>TOTAL:</b>	<b>9</b>		Southeast	1	5.3%
									<b>TOTAL:</b>	<b>19</b>	

### Coordinate Collision Diagram Summary

1/1/2014 to 12/31/2014

For XCoordinate 2963703.44784228 : YCoordinate 1967020.20740781 | Foot Tolerance : 30 | 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
<u>15</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>8</u>	<u>0</u>	<u>8</u>	<u>2</u>	<u>3</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	6.7%	Monday	3	20.0%	05 AM	1	6.7%	Passenger	20	58.8%
Pedalcyclist	1	6.7%	Tuesday	2	13.3%	07 AM	1	6.7%	SUV	9	26.5%
Rear End	8	53.3%	Wednesday	1	6.7%	09 AM	2	13.3%	Truck Single Unit	1	2.9%
Turning	5	33.3%	Thursday	2	13.3%	Noon	1	6.7%	Van/Mini-Van	4	11.8%
<b>TOTAL:</b>	<b>15</b>		Friday	4	26.7%	2 PM	2	13.3%	<b>TOTAL:</b>	<b>34</b>	
			Saturday	1	6.7%	3 PM	1	6.7%			
			Sunday	2	13.3%	4 PM	2	13.3%			
			<b>TOTAL:</b>	<b>15</b>		5 PM	2	13.3%			
						8 PM	3	20.0%			
						<b>TOTAL:</b>	<b>15</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	6	40.0%	Darkness/ Lighted Road	6	40.0%	Dry	10	66.7%	East	7	20.6%
Cloudy/Overcast	4	26.7%	Daylight	9	60.0%	Snow or Slush	1	6.7%	North	15	44.1%
Rain	4	26.7%	<b>TOTAL:</b>	<b>15</b>		Wet	4	26.7%	Northeast	1	2.9%
Snow	1	6.7%			<b>TOTAL:</b>	<b>15</b>		Northwest	1	2.9%	
<b>TOTAL:</b>	<b>15</b>							South	8	23.5%	
								Southeast	1	2.9%	
								West	1	2.9%	
								<b>TOTAL:</b>	<b>34</b>		

Notes



Coordinate Collision Diagram Report

1/1/2013 to 12/31/2013

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	----- A	Injuries B	----- C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
<b>201301013106</b>																				
1/10/2013 5:24 PM	Rain	Wet	0	0	0	0	Turning	Darkness/ Lighted Road	0.00	2963703.58600509 1967020.21137559	SUV	Southwest	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	East	Straight Ahead	Motor Vehicle In Traffic	Other	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201301021865</b>																				
1/25/2013 3:50 PM	Snow	Wet	0	1	0	0	Turning	Daylight	0.00	2963703.15094292 1967020.1988814	SUV	Southeast	Turning Left	Motor Vehicle In Traffic	Intersectio n	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	North	Straight Ahead	Motor Vehicle In Traffic	Intersectio n	Ran Off Roadwa y	Off Pavement - Right	Motor Vehicle In Traffic	Other	2
<b>201301032190</b>																				
2/7/2013 1:03 AM	Clear	Dry	0	0	0	0	Rear End	Darkness	0.00	2963703.58600509 1967020.21137559	Passenger	East	Straight Ahead	Motor Vehicle In Traffic	Intersectio n	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	East	Straight Ahead	Motor Vehicle In Traffic	Intersectio n	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201301039088</b>																				
2/14/2013 9:19 PM	Clear	Dry	0	0	0	0	Angle	Darkness/ Lighted Road	0.00	2963703.2432018 1967020.20153091	Passenger	East	Straight Ahead	Motor Vehicle In Traffic	Other	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	North	Straight Ahead	Motor Vehicle In Traffic	Other	(UNK)	(UNK)	(UNK)	(UNK)	2
											Passenger	West	Slow/Stop - Right Turn	Motor Vehicle In Traffic	Other	(UNK)	(UNK)	(UNK)	(UNK)	3
											Passenger	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	Other	(UNK)	(UNK)	(UNK)	(UNK)	4
<b>201301053558</b>																				
2/20/2013 8:13 AM	Clear	Dry	0	0	0	0	Turning	Daylight	0.00	2963703.58600509 1967020.21137559	Passenger	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1



Coordinate Collision Diagram Report

1/1/2013 to 12/31/2013

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	Injuries			Killed	Type of Crash	Light Condition	Mile	XCoordinate	YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
			A	B	C																
												Passenger	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201301063849</b>																					
3/1/2013 2:14 PM	Clear	Dry	0	0	1	0	Turning	Daylight	0.00	2963703.58600509	1967020.21137559	Passenger	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
												Passenger	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201301067131</b>																					
3/9/2013 12:10 PM	Clear	Dry	0	0	0	0	Turning	Daylight	0.00	2963703.4358792	1967020.20706425	Passenger	Northwest	Turning Left	Motor Vehicle In Traffic	Intersection	Ran Off Roadway	Off Pavement - Left	(UNK)	(UNK)	1
												SUV	South	Turning Right	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201301071279</b>																					
3/21/2013 3:36 PM	Clear	Dry	0	2	0	0	Rear End	Daylight	0.00	2963703.30413944	1967020.20328093	Passenger	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
												Passenger	East	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	Ran Off Roadway	Off Pavement - Right	Motor Vehicle In Traffic	Off Pavement - Right	2
<b>201301213375</b>																					
6/1/2013 7:45 PM	Rain	Wet	0	0	0	0	Turning	Daylight	0.00	2963703.58600509	1967020.21137559	Passenger	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
												Passenger	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201301360332</b>																					
9/27/2013 5:50 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	0.00	2963703.58600509	1967020.21137559	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
												Passenger	Northeast	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2





Coordinate Collision Diagram Report

1/1/2013 to 12/31/2013

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	Injuries			Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loc 1	Event 2	Loc 2	Event 3	Loc 3	Unit
			A	B	C															
<b>201301436021</b>																				
11/1/2013 8:22 PM	Rain	Wet	0	1	0	0	Pedestrian	Darkness/ Lighted Road	0.00	2963703.33175363 1967020.20407396	Van/Mini- Van	Northeast	Turning Left	Pedestrian	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201301436529</b>																				
11/4/2013 3:49 PM	Clear	Dry	0	0	1	0	Pedalcyclist	Darkness/ Lighted Road	0.00	2963703.58600509 1967020.21137559	SUV	North	Turning Right	Pedalcyclist	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201301436585</b>																				
11/4/2013 5:56 PM	Clear	Dry	0	0	1	0	Pedalcyclist	Darkness/ Lighted Road	0.00	2963703.58600509 1967020.21137559	SUV	North	Turning Right	Pedalcyclist	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1

### Coordinate Collision Diagram Report

1/1/2013 to 12/31/2013

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | 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
<u>13</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>3</u>	<u>7</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>4</u>	<u>3</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Angle	1	7.7%	Monday	2	15.4%	01 AM	1	7.7%	Passenger	19	76.0%
Pedalcyclist	2	15.4%	Wednesday	1	7.7%	08 AM	1	7.7%	SUV	5	20.0%
Pedestrian	1	7.7%	Thursday	4	30.8%	Noon	1	7.7%	Van/Mini-Van	1	4.0%
Rear End	3	23.1%	Friday	4	30.8%	2 PM	1	7.7%	<b>TOTAL:</b>	<b>25</b>	
Turning	6	46.2%	Saturday	2	15.4%	3 PM	3	23.1%			
<b>TOTAL:</b>	<b>13</b>		<b>TOTAL:</b>	<b>13</b>		5 PM	3	23.1%			
						7 PM	1	7.7%			
						8 PM	1	7.7%			
						9 PM	1	7.7%			
						<b>TOTAL:</b>	<b>13</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	69.2%	Darkness	1	7.7%	Dry	9	69.2%	East	6	24.0%
Rain	3	23.1%	Darkness/ Lighted Road	5	38.5%	Wet	4	30.8%	North	6	24.0%
Snow	1	7.7%	Daylight	7	53.8%	<b>TOTAL:</b>	<b>13</b>		Northeast	2	8.0%
<b>TOTAL:</b>	<b>13</b>		<b>TOTAL:</b>	<b>13</b>					Northwest	1	4.0%
									South	3	12.0%
									Southeast	2	8.0%
									Southwest	1	4.0%

### Coordinate Collision Diagram Report

1/1/2012 to 12/31/2012

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	A	Injuries B	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loe 1	Event 2	Loe 2	Event 3	Loe 3	Unit
<b>201201023822</b>																				
2/10/2012 6:30 PM	Snow	Ice	0	0	0	0	Rear End	Darkness	0.00	2963703.58600509 1967020.21137559	Passenger	Northeast	Straight Ahead	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	Northeast	Straight Ahead	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201201106311</b>																				
5/2/2012 8:32 PM	Clear	Dry	0	0	0	0	Turning	Darkness, Lighted Road	0.00	2963703.58600509 1967020.21137559	Passenger	Southeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	Northwest	Slow/Stop - Left Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201201116293</b>																				
5/13/2012 1:50 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	0.00	2963703.58600509 1967020.21137559	SUV	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201201120184</b>																				
5/14/2012 5:40 PM	Clear	Dry	0	0	2	0	Rear End	Daylight	0.00	2963703.47506129 1967020.20818949	Passenger	South	Unknown	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											SUV	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201201152191</b>																				
6/11/2012 5:29 PM	Clear	Dry	0	0	3	0	Rear End	Daylight	0.00	2963703.58600509 1967020.21137559	Passenger	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	East	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2

### Coordinate Collision Diagram Report

1/1/2012 to 12/31/2012

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	A	Injuries B	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loe 1	Event 2	Loe 2	Event 3	Loe 3	Unit
<b>201201184967</b>																				
7/13/2012 2:05 PM	Rain	Wet	0	0	0	0	Turning	Daylight	0.00	2963703.51825906 1967020.20943005	Van/Mini-Van	Northwest	Turning Left	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201201241126</b>																				
8/23/2012 8:53 AM	Rain	Wet	0	0	0	0	Rear End	Daylight	0.00	2963703.58600509 1967020.21137559	SUV	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											SUV	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	2
											Passenger	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	3
											Passenger	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	4
											SUV	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	5
											Passenger	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	6
<b>201201281164</b>																				
9/25/2012 3:30 PM	Clear	Dry	0	0	0	0	Rear End	Daylight	0.00	2963703.50673872 1967020.20909921	SUV	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	West	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201201243076</b>																				
10/17/2012 7:35 AM	Clear	Dry	0	0	0	0	Turning	Daylight	0.00	2963703.58600509 1967020.21137559	SUV	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1



### Coordinate Collision Diagram Report

1/1/2012 to 12/31/2012

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	A	Injuries B	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate	YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loe 1	Event 2	Loe 2	Event 3	Loe 3	Unit	
												Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)		2
<hr/>																						
<b>201201321042</b>																						
11/30/2012 2:36 PM	Clear	Dry	0	1	0	0	Rear End	Daylight	0.00	2963703.58600509	1967020.21137559	Passenger	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)		1
												Passenger	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)		2
<hr/>																						
<b>201201321611</b>																						
12/2/2012 10:04 AM	Other	Wet	0	0	0	0	Rear End	Daylight	0.00	2963703.31514852	1967020.20359709	Passenger	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)		1
												Passenger	East	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	(UNK)	(UNK)	(UNK)	(UNK)		2

**Coordinate Collision Diagram Report**

1/1/2012 to 12/31/2012

For XCoordinate 2963703.58600509 : YCoordinate 1967020.21137559 | Foot Tolerance : 30 | 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
<u>11</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>8</u>	<u>0</u>	<u>6</u>	<u>0</u>	<u>1</u>	<u>5</u>

Type of Crash	Total	%	Day of Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
Rear End	8	72.7%	Monday	2	18.2%	07 AM	1	9.1%	Passenger	18	69.2%
Turning	3	27.3%	Tuesday	1	9.1%	08 AM	1	9.1%	SUV	7	26.9%
<b>TOTAL:</b>	<b>11</b>		Wednesday	2	18.2%	10 AM	1	9.1%	Van/Mini-Van	1	3.8%
			Thursday	1	9.1%	1 PM	1	9.1%	<b>TOTAL:</b>	<b>26</b>	
			Friday	3	27.3%	2 PM	2	18.2%			
			Sunday	2	18.2%	3 PM	1	9.1%			
			<b>TOTAL:</b>	<b>11</b>		5 PM	2	18.2%			
						6 PM	1	9.1%			
						8 PM	1	9.1%			
						<b>TOTAL:</b>	<b>11</b>				
Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	7	63.6%	Darkness	1	9.1%	Dry	7	63.6%	East	4	15.4%
Other	1	9.1%	Darkness, Lighted Road	1	9.1%	Ice	1	9.1%	North	9	34.6%
Rain	2	18.2%	Daylight	9	81.8%	Wet	3	27.3%	Northeast	2	7.7%
Snow	1	9.1%	<b>TOTAL:</b>	<b>11</b>		<b>TOTAL:</b>	<b>11</b>		Northwest	2	7.7%
<b>TOTAL:</b>	<b>11</b>								South	4	15.4%
									Southeast	1	3.8%
									West	4	15.4%

### Coordinate Collision Diagram Report

1/1/2011 to 12/31/2011

For XCoordinate 2963704.00004625 : YCoordinate 1967020.00008993 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	A	Injuries B	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loe 1	Event 2	Loe 2	Event 3	Loe 3	Unit
<b>201101012018</b>																				
1/10/2011 8:04 AM	Clear	Wet	0	2	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Van/mini van	East	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Van/mini van	East	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101055922</b>																				
3/19/2011 1:46 PM	Clear	Dry	1	0	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Passenger	North	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Pickup	North	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101115359</b>																				
4/30/2011 12:07 AM	Clear	Dry	1	0	1	0	10-Turning	Darkness/Lighted road	0.00	2963704.05972432 1967020.00268462	Passenger	North	Turning left	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	West	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101169710</b>																				
6/12/2011 1:25 PM	Clear	Dry	0	0	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Sport utility vehicle (SUV)	East	Straight ahead	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	East	Slow/stop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101170684</b>																				
6/14/2011 3:57 PM	Clear	Dry	0	0	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Van/mini van	West	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	West	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2

**Coordinate Collision Diagram Report**

1/1/2011 to 12/31/2011

For XCoordinate 2963704.00004625 : YCoordinate 1967020.00008993 | Foot Tolerance : 30 | County : Cook | Intersection Related: Intersections | \*See Notes at End of Report.

Date	Weather	Roadway	A	Injuries B	C	Killed	Type of Crash	Light Condition	Mile	XCoordinate YCoordinate	Vehicle Type	DIRP	Maneuver	Event 1	Loe 1	Event 2	Loe 2	Event 3	Loe 3	Unit
<b>201101192574</b>																				
7/3/2011 3:00 PM	Clear	Dry	0	0	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Passenger	North	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	North	Changing lanes	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101242466</b>																				
8/10/2011 7:15 PM	Clear	Dry	0	0	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Passenger	South	Slow/stop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	South	Slow/stop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101278437</b>																				
9/10/2011 8:20 PM	Clear	Dry	0	0	0	0	11-Rear end	Daylight	0.00	2963704.00004625 1967020.00008993	Passenger	West	Slow/stop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	West	Slow/stop in traffic	Motor vehicle in traffic	Intersection	(UNK)	(UNK)	(UNK)	(UNK)	2
<b>201101365872</b>																				
11/22/2011 5:06 PM	Rain	Wet	0	1	0	0	2-Pedalcyclist	Darkness/Lighted road	0.00	2963704.00004625 1967020.00008993	Passenger	North	Turning left	Pedalcyclist	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
<b>201101385734</b>																				
12/10/2011 9:49 PM	Clear	Dry	0	0	1	0	10-Turning	Darkness/Lighted road	0.00	2963704.00004625 1967020.00008993	Passenger	West	Turning left	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	1
											Passenger	South	Straight ahead	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	2
											Passenger	East	Slow/stop in traffic	Motor vehicle in traffic	On-pavement (roadway)	(UNK)	(UNK)	(UNK)	(UNK)	3



### Coordinate Collision Diagram Report

1/1/2011 to 12/31/2011

For XCoordinate 2963704.00004625 : YCoordinate 1967020.00008993 | Foot Tolerance : 30 | 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
<u>10</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>5</u>	<u>0</u>	<u>7</u>	<u>2</u>	<u>3</u>	<u>2</u>

Type of Crash	Total	%	Dayof Wk	Total	%	Hour of Day	Total	%	Vehicle Type	Total	%
10-Turning	2	20.0%	Monday	1	10.0%	Midnight	1	10.0%	Passenger	15	75.0%
11-Rear end	7	70.0%	Tuesday	2	20.0%	08 AM	1	10.0%	Pickup	1	5.0%
2-Pedalcyclist	1	10.0%	Wednesday	1	10.0%	1 PM	2	20.0%	Sport utility vehicle (SUV)	1	5.0%
<b>TOTAL:</b>	<b>10</b>		Saturday	4	40.0%	3 PM	2	20.0%	Van/mini van	3	15.0%
			Sunday	2	20.0%	5 PM	1	10.0%	<b>TOTAL:</b>	<b>20</b>	
			<b>TOTAL:</b>	<b>10</b>		7 PM	1	10.0%			
						8 PM	1	10.0%			
						9 PM	1	10.0%			
						<b>TOTAL:</b>	<b>10</b>				

Weather Cond	Total	%	Light Cond	Total	%	Road Surface	Total	%	DIRP	Total	%
Clear	9	90.0%	Darkness/Lighted road	3	30.0%	Dry	8	80.0%	East	5	25.0%
Rain	1	10.0%	Daylight	7	70.0%	Wet	2	20.0%	North	6	30.0%
<b>TOTAL:</b>	<b>10</b>		<b>TOTAL:</b>	<b>10</b>		<b>TOTAL:</b>	<b>10</b>		South	3	15.0%
									West	6	30.0%
									<b>TOTAL:</b>	<b>20</b>	

# Traffic Volume

## October 2012

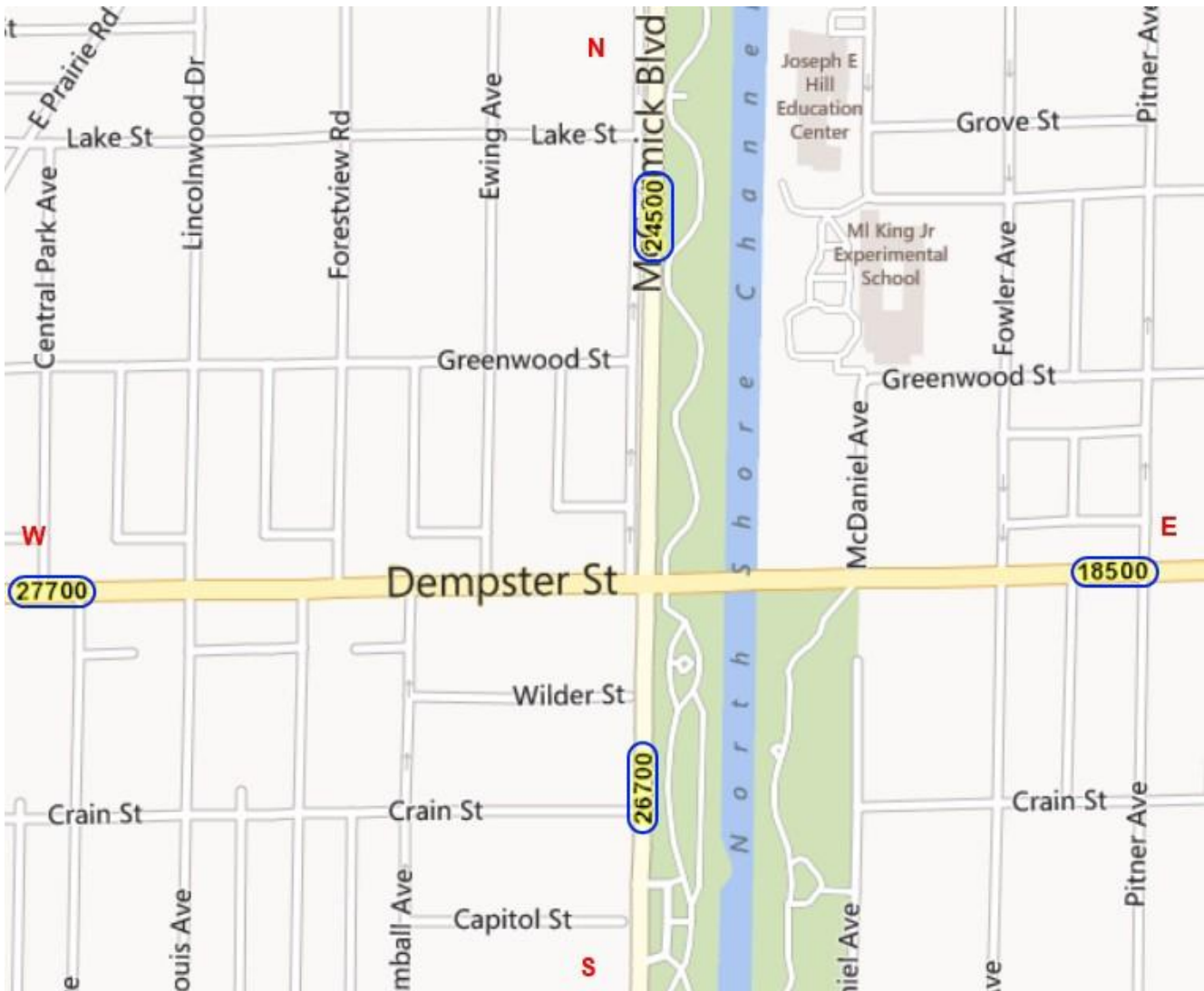
The traffic numbers below were obtained from the IDOT website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

### McCormick Blvd ADT

- North: 24,500
- South: 26,700

### Dempster St ADT

- East: 18,500
- West: 27,700



# October 2015

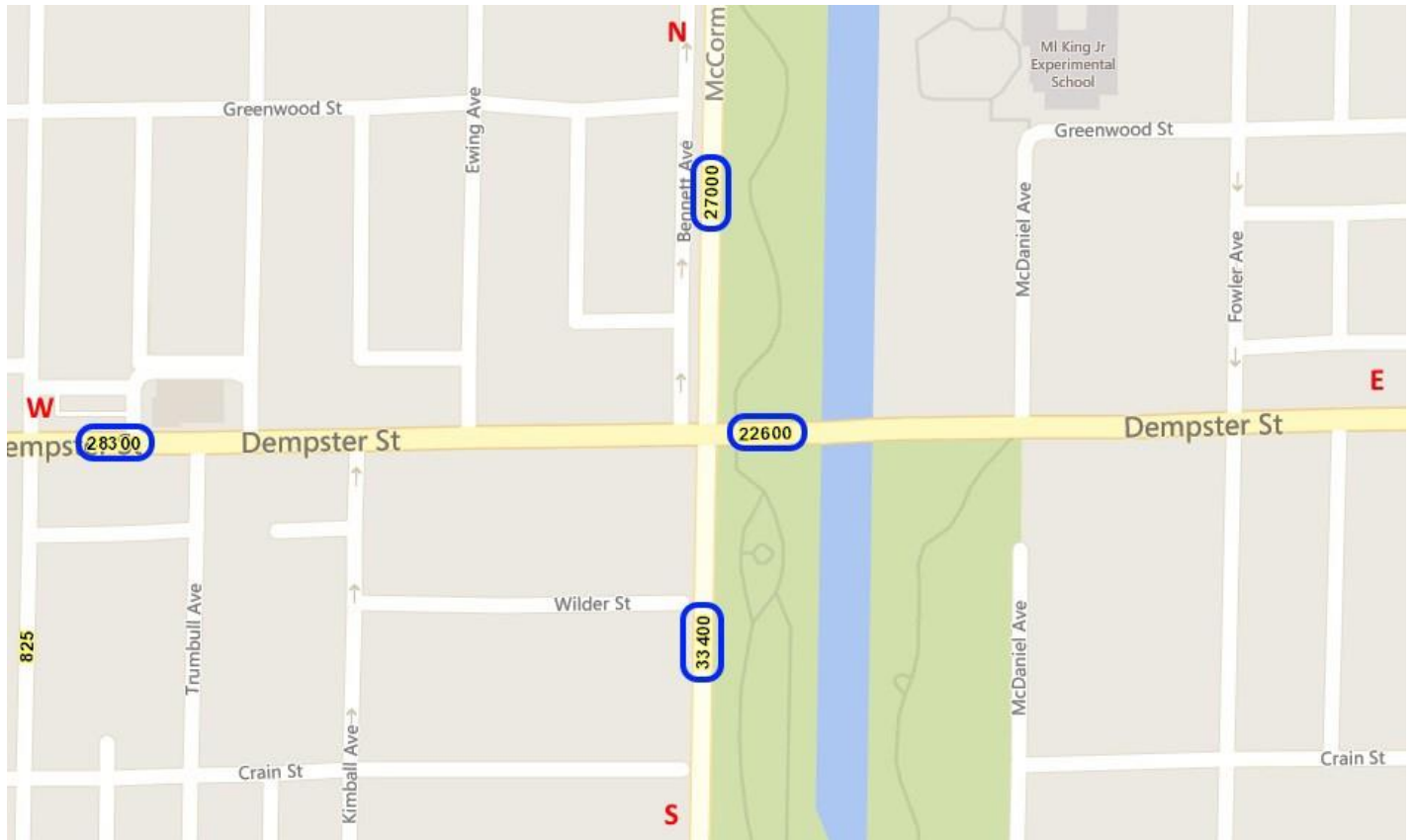
The traffic numbers below were obtained from the IDOT website per the RLR Guideline document published by IDOT. Only ADT values were available, peak numbers were not provided.

## McCormick Blvd ADT

- North: 27,000
- South: 33,400

## Dempster St ADT

- East: 22,600
- West: 28,300



# Report Summary

The long-term goal of RLR camera enforcement programs such as this one is to increase traffic safety by enforcing red light running ordinances in a consistent manner and with transparency for a sustained period. The timing of the traffic signals at this intersection has not been altered, and should not be altered while the RLR camera system is in operation. In time these cameras will become a part of everyday life for motorists living and working in this area.

The intersection of Dempster St and McCormick Blvd was selected specifically for this program because of its high traffic volume and crash rate. All processes are in compliance with the RLR regulations laid out by the Illinois Department of Transportation District 1 Bureau of Traffic Operations.

In 2014 **The Village of Skokie** received approval from the Illinois Department of Transportation (IDOT) to transfer operation of Red Light Running (RLR) cameras on the southbound approach of the intersection of Dempster St and McCormick Blvd to SafeSpeed, LLC. The installation followed a comprehensive vendor transfer submittal process. The dates of the most relevant events are listed below.

- Date at which the justification report was submitted: **12/24/2013** approved: **2/10/2014**
- Submitted for installation: **8/04/2014** approved: **8/18/2014**
- Date at which the permit and bond was submitted: **8/25/2014** and approved: **9/2014**
- Date at which cameras went live on the southbound approach: **10/15/2014**

After analyzing all of the available data, prior to RLR camera installation, in 2011 there were 10 total crashes, 29 in 2012 and 26 in 2013. That is an average of 21.67 total crashes at Dempster St and McCormick Blvd per year. Even with an increase in traffic volume in 2015, one year after RLR camera installation, there were 9 total crashes. That is a decrease of 58.47%.

Studies have reported that red light cameras reduce turning crashes. At the intersection of Dempster St and McCormick Blvd the number of turning crashes trended downward post camera installation. In 2011 there were 2 turning crashes, 15 in 2012 and 4 in 2013. In 2015 there were a total of 3 turning crashes. We believe that given more time to provide a larger data sample size the numbers will continue to decrease.