



District Department of Transportation

## Speed Limit and Safety Nexus Studies for Automated Enforcement Locations in the District of Columbia

### 3100 Block Minnesota Avenue SE

### Study Area and Location

District	PSA	Ward	ANC	Phase	Description
6	605	7	7B	Existing	3100 Block Minnesota Avenue Southeast Southwest-bound



The existing speed camera is located in Ward 7 at the 3100 block of Minnesota Avenue Southeast in the southwest-bound direction. Minnesota Avenue runs between Sherriff Road Northeast to the north and Good Hope Road Southeast to the south. The posted speed limit is 25 MPH. The speed camera was installed on May 2013.

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District Department of Transportation

3100 Block Minnesota Avenue SE

## Field Assessment Summary

Minnesota Avenue is assumed to run in a northeast-southwest direction, and is classified as a minor arterial. Minnesota Avenue has two travel lanes in each direction. This site has the following characteristics:

- This is a residential area with houses and driveways.
- Anacostia Park is in the area.
- There is sidewalk on both sides of the street and crosswalks with in-street pedestrian crossing signs at 30<sup>th</sup> Street and both sides of 31<sup>st</sup> Street.
- There is a traffic signal with pedestrian signals and crosswalks at Randle Circle.
- There are bus stops on both sides of the street between Randle Circle and 31<sup>st</sup> Street.
- The pavement is in good condition and there is curb and gutter with drainage inlets.



Northeast-bound



District Department of Transportation

3100 Block Minnesota Avenue SE



Southwest-bound

## Speed Data Analysis

Posted Speed Limit (MPH)	25
Mean Speed (MPH)	18
85th Percentile Speed (MPH)	24
10 MPH Pace Speed (MPH)	16-25
ADT	8,428

The mean speed is lower than the posted speed limit by 7 MPH and the 85<sup>th</sup> percentile speed is lower than the posted speed by 1 MPH at this location.

## Crash Data Analysis

From the Accident Summary Report provided for the dates between January 1, 2010 and December 31, 2012 there were a total of 62 crashes at this location. A breakdown of number of crashes by collision type can be found in the chart on the next page. The most common types of crashes at this location were Side Swipe (16), Right Angle (13), Rear End (9) and Fixed Object (5). There was a high frequency (32 crashes) of injury-related crashes at this location.

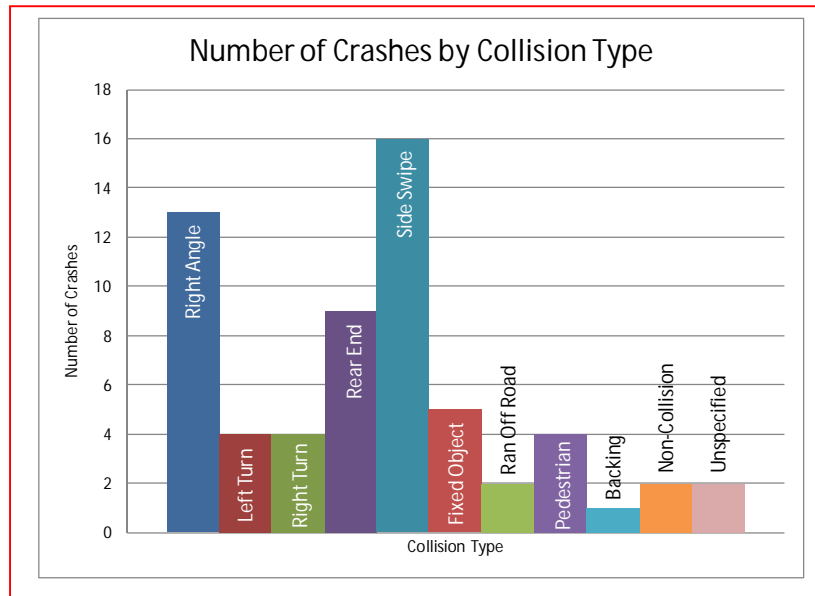
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District Department of Transportation

3100 Block Minnesota Avenue SE

Severity			Weather			Surface condition			Light Condition		
Total	62										
Fatal	0	0.0%	Clear	50	80.6%	Dry	46	74.2%	Day	36	58.1%
Injury	32	51.6%	Rain	7	11.3%	Wet	11	17.7%	Night	20	32.3%
Truck	10	16.1%	Snow	2	3.2%	Snow/Ice	2	3.2%			
Bus	8	12.9%									



There was an elevated number of speed related crashes at this location, including side swipe crashes. The Highway Safety Manual lists “assuming the lead driver will go through a green or yellow light, but the lead driver stops” and “changing lanes to avoid a slowing or stopped vehicle”<sup>1</sup> as two errors leading to sideswipe crashes. Both of these errors can be decreased with a decrease in travel speed.

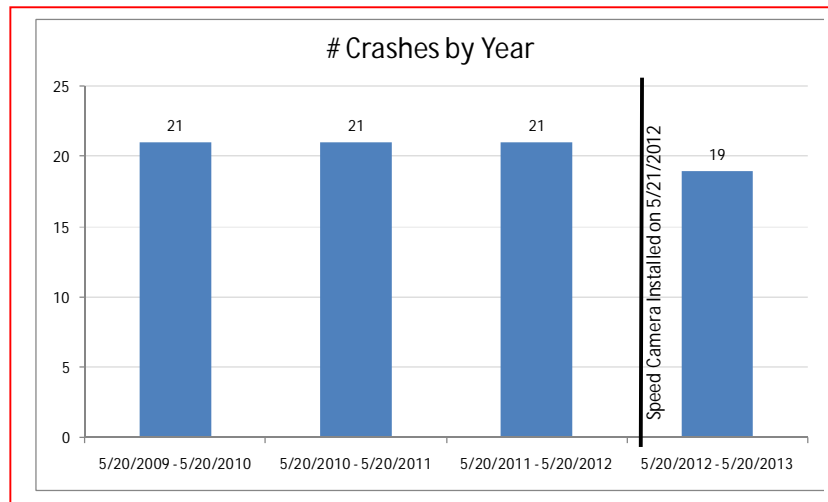
The speed camera was installed on 5/21/2012. The graph on the next page shows the number of crashes in the 3 years prior to the speed camera’s installation (63 crashes) and the year after the speed camera’s installation (19 crashes). Overall, there was no major change seen in number of crashes after the installation of the camera.

<sup>1</sup> AASHTO Highway Safety Manual, 1<sup>st</sup> Edition, 2010; Volume 1, page 2-13



District Department of Transportation

3100 Block Minnesota Avenue SE



## Safety Nexus

This site presents the following safety considerations which may establish a nexus between traffic safety and the speed camera:

1. Speed Data – The speed data analysis shows travel speeds being lower than the posted speed limit.
2. Crash Data – There was an elevated number of speed-related crashes at this location, including side swipe collisions, as well as a high frequency (32 crashes) of injury-related crashes.
3. Field Assessment – The following site characteristics suggest a need for a safer travel environment:
  - a. This is a residential area with houses and driveways.
  - b. Anacostia Park is in the area which generates pedestrian and bicycle activity.
  - c. There are several bus stops in the area which generate pedestrian activity.

Although the speed data analysis showed the mean and 85th percentile speeds to be lower than the posted speed limit, due to the elevated number of speed-related crashes and injury-related crashes, the specific site characteristics, and pedestrian generators, there is a nexus between traffic safety and the speed camera at this location.

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# SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD  
MOUNT AIRY, MD 21771

[www.sammateng.com](http://www.sammateng.com)

## 3100 block of Minnesota Ave SE SWB Speed

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
11/20/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	2	33	57	17	2	0	0	0	0	0	0	0	0	0	111
05:00	16	51	160	106	22	1	1	0	0	0	0	0	0	0	357
06:00	58	116	303	109	13	0	0	0	0	0	0	0	0	0	599
07:00	122	260	294	67	5	0	0	0	0	0	0	0	0	0	748
08:00	85	229	304	57	3	0	0	0	0	0	0	0	0	0	678
09:00	52	163	241	45	1	0	0	0	0	0	0	0	0	0	502
10:00	48	128	198	34	2	0	0	0	0	0	0	0	0	0	410
11:00	67	206	219	22	1	0	0	0	0	0	0	0	0	0	515
12 PM	48	231	244	36	4	0	0	0	0	0	0	0	0	0	563
13:00	59	117	243	37	0	1	0	0	0	0	0	0	0	0	457
14:00	45	98	203	44	3	1	0	0	0	0	0	0	0	0	394
15:00	62	129	168	19	0	0	0	0	0	0	0	0	0	0	378
16:00	84	157	146	13	1	0	0	0	0	0	0	0	0	0	401
17:00	109	176	103	11	0	0	0	0	0	0	0	0	0	0	399
18:00	70	195	126	7	0	1	0	0	0	0	0	0	0	0	399
19:00	40	166	116	12	2	0	0	0	0	0	0	0	0	0	336
20:00	30	108	131	19	1	0	0	0	0	0	0	0	0	0	289
21:00	25	101	145	33	5	1	0	0	0	0	0	0	0	0	310
22:00	20	52	117	28	4	0	0	0	0	0	0	0	0	0	221
23:00	5	35	73	26	1	0	0	0	0	0	0	0	0	0	140
Total	1047	2751	3591	742	70	5	1	0	0	0	0	0	0	0	8207

# SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD  
MOUNT AIRY, MD 21771

[www.sammateg.com](http://www.sammateg.com)

## 3100 block of Minnesota Ave SE SWB Speed

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
11/21/13	7	26	48	0	3	0	0	0	0	0	0	0	0	0	84
01:00	6	14	17	8	1	1	0	0	0	0	0	0	0	0	47
02:00	2	9	17	8	3	0	0	0	0	0	0	0	0	0	39
03:00	1	18	19	10	3	0	0	0	0	0	0	0	0	0	51
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	16	67	101	26	10	1	0	0	0	0	0	0	0	0	221
Grand Total	1063	2818	3692	768	80	6	1	0	0	0	0	0	0	0	8428

15th Percentile : 10 MPH  
 50th Percentile : 18 MPH  
 85th Percentile : 24 MPH  
 95th Percentile : 27 MPH

Stats  
 Mean Speed(Average) : 18 MPH  
 10 MPH Pace Speed : 16-25 MPH  
 Number in Pace : 4774  
 Percent in Pace : 56.6%  
 Number of Vehicles > 25 MPH : 951  
 Percent of Vehicles > 25 MPH : 11.3%

# SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD  
MOUNT AIRY, MD 21771

[www.sammateng.com](http://www.sammateng.com)

## 3100 block of Minnesota Ave SE SWB Volume

Start Time	Wed	20-Nov-13		Thu	21-Nov-13		Fri	22-Nov-13		Daily Average	
	A.M.	P.M.		A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	
12:00	*	158		25	*		*	*	25	158	
12:15	*	108		31	*		*	*	31	108	
12:30	*	137		12	*		*	*	12	137	
12:45	*	160		16	*		*	*	16	160	
01:00	*	139		18	*		*	*	18	139	
01:15	*	114		12	*		*	*	12	114	
01:30	*	102		14	*		*	*	14	102	
01:45	*	102		3	*		*	*	3	102	
02:00	*	91		10	*		*	*	10	91	
02:15	*	101		12	*		*	*	12	101	
02:30	*	111		7	*		*	*	7	111	
02:45	*	91		10	*		*	*	10	91	
03:00	*	98		12	*		*	*	12	98	
03:15	*	93		11	*		*	*	11	93	
03:30	*	101		16	*		*	*	16	101	
03:45	*	86		12	*		*	*	12	86	
04:00	16	92		*	*		*	*	16	92	
04:15	25	107		*	*		*	*	25	107	
04:30	30	110		*	*		*	*	30	110	
04:45	40	92		*	*		*	*	40	92	
05:00	58	90		*	*		*	*	58	90	
05:15	79	96		*	*		*	*	79	96	
05:30	107	102		*	*		*	*	107	102	
05:45	113	111		*	*		*	*	113	111	
06:00	126	94		*	*		*	*	126	94	
06:15	136	109		*	*		*	*	136	109	
06:30	153	95		*	*		*	*	153	95	
06:45	184	101		*	*		*	*	184	101	
07:00	171	94		*	*		*	*	171	94	
07:15	202	75		*	*		*	*	202	75	
07:30	190	85		*	*		*	*	190	85	
07:45	185	82		*	*		*	*	185	82	
08:00	193	61		*	*		*	*	193	61	
08:15	169	88		*	*		*	*	169	88	
08:30	148	86		*	*		*	*	148	86	
08:45	168	54		*	*		*	*	168	54	
09:00	139	86		*	*		*	*	139	86	
09:15	128	84		*	*		*	*	128	84	
09:30	130	79		*	*		*	*	130	79	
09:45	105	61		*	*		*	*	105	61	
10:00	109	56		*	*		*	*	109	56	
10:15	98	60		*	*		*	*	98	60	
10:30	93	49		*	*		*	*	93	49	
10:45	110	56		*	*		*	*	110	56	
11:00	139	50		*	*		*	*	139	50	
11:15	118	31		*	*		*	*	118	31	
11:30	118	25		*	*		*	*	118	25	
11:45	140	34		*	*		*	*	140	34	
Total	3920	4287		221	0		0	0	4141	4287	
Combined Total		8207		221			0		8428		
Peak	07:15	12:00		12:00					07:15	12:00	
Vol.	770	563		84					770	563	
P.H.F.	0.953	0.880		0.677					0.953	0.880	
ADT		ADT 8,428		AADT 8,428							



DC Department of Transportation - Traffic Accident Reporting and Analysis System

## Accident Summary Report (R-8)

**Corridor:** MINNESOTA AVE,NE,SE From M ST,SE TO RANDLE CIR (EAST),SE

**Time Period Covered:** From 01/01/2010 To 12/31/2012 **Prepared By:** Rahul Jain

**Prepared Date:** 11/26/2012

		<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>	<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>
Total Number of Accident:	62	Right Angle:	13	21.0%	Fixed Object:	5	8.1%
Total Number of Fatalities:	0	Left Turn:	4	6.5%	Ran Off Road:	2	3.2%
Total Number of Injuries:	43	Right Turn:	4	6.5%	Ped. Involved:	4	6.5%
Total Number of Disabling Injuries:	1	Rear End:	9	14.5%	Backing:	1	1.6%
Total Number of NonDisabling Injuries:	9	Side Swiped:	16	25.8%	Non Collision:	2	3.2%
Total Number of Pedestrians Involved:	4	Head On:	0	0.0%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	1	Parked:	0	0.0%	Unspecified:	2	3.2%
Total Number of Motorcycles Involved:	1						

<b>Time of Day</b>	<b>#ACC</b>	<b>%</b>	<b>Day of week</b>	<b>#ACC</b>	<b>%</b>
07:30 ~ 09:30:	5	8.1%	Sunday:	8	12.9%
09:30 ~ 11:30:	4	6.5%	Monday:	7	11.3%
11:30 ~ 13:30:	7	11.3%	Tuesday:	11	17.7%
13:30 ~ 16:00:	6	9.7%	Wednesday:	12	19.4%
16:00 ~ 18:30:	9	14.5%	Thursday:	10	16.1%
18:30 ~ 07:30:	31	50.0%	Friday:	5	8.1%
Unspecified:	0	0.0%	Saturday:	9	14.5%

<b>Weather Condition</b>	<b>#ACC</b>	<b>%</b>	<b>Surface Condition</b>	<b>#ACC</b>	<b>%</b>
Clear:	50	80.6%	Dry:	46	74.2%
Rain:	7	11.3%	Wet:	11	17.7%
Snow:	2	3.2%	Snow/Ice:	2	3.2%
Sleet/Hail:	0	0.0%	Slush:	0	0.0%
Fog/Mist:	1	1.6%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	0	0.0%	Repairing:	0	0.0%
Unspecified:	2	3.2%	Unspecified:	3	4.8%

<b>Type of Vehicle</b>	<b>#VEH</b>	<b>%</b>	<b>Accident Severity Type</b>	<b>#ACC</b>	<b>%</b>
Passenger Car:	87	75.0%	Fatal Collision:	0	0.0%
Bus:	8	6.9%	Injury Collision:	32	51.6%
Truck:	10	8.6%	PDO Collision:	30	48.4%
Taxi:	0	0.0%			
Minivan:	0	0.0%	<b>Light Condition</b>	<b>#ACC</b>	<b>%</b>
Police/Emergency Vehicle:	3	2.6%	Daylight:	36	58.1%
Motorcycle/Moped:	1	0.9%	Dawn/Dusk:	3	4.8%
Bicycle:	1	0.9%	Dark(Lighted):	20	32.3%
Fixed Object:	0	0.0%	Dark(Not Lighted):	0	0.0%
Unspecified:	6	5.2%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	3	4.8%

<b>Contributing Factor</b>	<b>#VEH</b>	<b>%</b>	<b>Pedestrian Actions</b>	<b>#ACC</b>	<b>%</b>
Driver: Speed:	6	5.2%	In Crosswalk with Signal:	1	25.0%
Driver: Alcohol/Drug:	1	0.9%	In Crosswalk against Signal:	1	25.0%
Driver: Electronic Device:	1	0.9%	In Crosswalk no Signal:	1	25.0%
Driver: Others:	22	19.0%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	0	0.0%
Roadway:	4	3.4%	From Between Parked Cars:	0	0.0%
Unspecified:	82	70.7%	Unspecified:	1	25.0%

39 Records are not approved as of 11/26/2013 11:19:34 AM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

## Accident Summary Report (R-8)

**Corridor:** MINNESOTA AVE,NE,SE From M ST,SE TO RANDLE CIR (EAST),SE

**Time Period Covered:** From 05/20/2009 To 05/20/2010

**Prepared By:** Rahul Jain

**Prepared Date:** 1/14/2014

		<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>	<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>
Total Number of Accident:	21	Right Angle:	4	19.0%	Fixed Object:	2	9.5%
Total Number of Fatalities:	0	Left Turn:	1	4.8%	Ran Off Road:	1	4.8%
Total Number of Injuries:	11	Right Turn:	1	4.8%	Ped. Involved:	0	0.0%
Total Number of Disabling Injuries:	0	Rear End:	4	19.0%	Backing:	2	9.5%
Total Number of NonDisabling Injuries:	3	Side Swiped:	4	19.0%	Non Collision:	0	0.0%
Total Number of Pedestrians Involved:	0	Head On:	0	0.0%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	0	Parked:	1	4.8%	Unspecified:	1	4.8%
Total Number of Motorcycles Involved:	0						

<b>Time of Day</b>	<b>#ACC</b>	<b>%</b>	<b>Day o fweek</b>	<b>#ACC</b>	<b>%</b>
07:30 ~ 09:30:	2	9.5%	Sunday:	3	14.3%
09:30 ~ 11:30:	1	4.8%	Monday:	2	9.5%
11:30 ~ 13:30:	3	14.3%	Tuesday:	3	14.3%
13:30 ~ 16:00:	3	14.3%	Wednesday:	5	23.8%
16:00 ~18:30:	2	9.5%	Thursday:	1	4.8%
18:30 ~ 07:30:	10	47.6%	Friday:	3	14.3%
Unspecified:	0	0.0%	Saturday:	4	19.0%

<b>Weather Condition</b>	<b>#ACC</b>	<b>%</b>	<b>Surface Condition</b>	<b>#ACC</b>	<b>%</b>
Clear:	19	90.5%	Dry:	17	81.0%
Rain:	1	4.8%	Wet:	3	14.3%
Snow:	1	4.8%	Snow/Ice:	1	4.8%
Sleet/Hail:	0	0.0%	Slush:	0	0.0%
Fog/Mist:	0	0.0%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	0	0.0%	Repairing:	0	0.0%
Unspecified:	0	0.0%	Unspecified:	0	0.0%

<b>Type of Vehicle</b>	<b>#VEH</b>	<b>%</b>	<b>Accident Severity Type</b>	<b>#ACC</b>	<b>%</b>
Passenger Car:	30	73.2%	Fatal Collision:	0	0.0%
Bus:	3	7.3%	Injury Collision:	7	33.3%
Truck:	4	9.8%	PDO Collision:	14	66.7%
Taxi:	1	2.4%			
Minivan:	0	0.0%	<b>Light Condition</b>	<b>#ACC</b>	<b>%</b>
Police/Emergency Vehicle:	0	0.0%	Daylight:	12	57.1%
Motorcycle/Moped:	0	0.0%	Dawn/Dusk:	0	0.0%
Bicycle:	0	0.0%	Dark(Lighted):	7	33.3%
Fixed Object:	0	0.0%	Dark(Not Lighted):	2	9.5%
Unspecified:	3	7.3%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	0	0.0%

<b>Contributing Factor</b>	<b>#VEH</b>	<b>%</b>	<b>Pedestrian Actions</b>	<b>#ACC</b>	<b>%</b>
Driver: Speed:	3	7.3%	In Crosswalk with Signal:	0	0.0%
Driver: Alcohol/Drug:	0	0.0%	In Crosswalk against Signal:	0	0.0%
Driver: Electronic Device:	0	0.0%	In Crosswalk no Signal:	0	0.0%
Driver: Others:	8	19.5%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	1	2.4%	Not in Crosswalk:	0	0.0%
Roadway:	1	2.4%	From Between Parked Cars:	0	0.0%
Unspecified:	28	68.3%	Unspecified:	0	0.0%

8 Records are not approved as of 1/14/2014 10:44:18 AM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

## Accident Summary Report (R-8)

**Corridor:** MINNESOTA AVE,NE,SE From M ST,SE TO RANDLE CIR (EAST),SE

**Time Period Covered:** From 05/20/2010 To 05/20/2011

**Prepared By:** Rahul Jain

**Prepared Date:** 1/14/2014

		<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>	<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>
Total Number of Accident:	21	Right Angle:	8	38.1%	Fixed Object:	0	0.0%
Total Number of Fatalities:	0	Left Turn:	0	0.0%	Ran Off Road:	0	0.0%
Total Number of Injuries:	17	Right Turn:	2	9.5%	Ped. Involved:	1	4.8%
Total Number of Disabling Injuries:	0	Rear End:	4	19.0%	Backing:	1	4.8%
Total Number of NonDisabling Injuries:	3	Side Swiped:	4	19.0%	Non Collision:	1	4.8%
Total Number of Pedestrians Involved:	1	Head On:	0	0.0%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	1	Parked:	0	0.0%	Unspecified:	0	0.0%
Total Number of Motorcycles Involved:	0						

<b>Time of Day</b>	<b>#ACC</b>	<b>%</b>	<b>Day of week</b>	<b>#ACC</b>	<b>%</b>
07:30 ~ 09:30:	1	4.8%	Sunday:	0	0.0%
09:30 ~ 11:30:	1	4.8%	Monday:	3	14.3%
11:30 ~ 13:30:	2	9.5%	Tuesday:	5	23.8%
13:30 ~ 16:00:	2	9.5%	Wednesday:	3	14.3%
16:00 ~ 18:30:	4	19.0%	Thursday:	3	14.3%
18:30 ~ 07:30:	11	52.4%	Friday:	2	9.5%
Unspecified:	0	0.0%	Saturday:	5	23.8%

<b>Weather Condition</b>	<b>#ACC</b>	<b>%</b>	<b>Surface Condition</b>	<b>#ACC</b>	<b>%</b>
Clear:	19	90.5%	Dry:	18	85.7%
Rain:	1	4.8%	Wet:	1	4.8%
Snow:	1	4.8%	Snow/Ice:	1	4.8%
Sleet/Hail:	0	0.0%	Slush:	0	0.0%
Fog/Mist:	0	0.0%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	0	0.0%	Repairing:	0	0.0%
Unspecified:	0	0.0%	Unspecified:	1	4.8%

<b>Type of Vehicle</b>	<b>#VEH</b>	<b>%</b>	<b>Accident Severity Type</b>	<b>#ACC</b>	<b>%</b>
Passenger Car:	38	86.4%	Fatal Collision:	0	0.0%
Bus:	1	2.3%	Injury Collision:	11	52.4%
Truck:	1	2.3%	PDO Collision:	10	47.6%
Taxi:	0	0.0%			
Minivan:	0	0.0%	<b>Light Condition</b>	<b>#ACC</b>	<b>%</b>
Police/Emergency Vehicle:	2	4.5%	Daylight:	12	57.1%
Motorcycle/Moped:	0	0.0%	Dawn/Dusk:	1	4.8%
Bicycle:	1	2.3%	Dark(Lighted):	7	33.3%
Fixed Object:	0	0.0%	Dark(Not Lighted):	0	0.0%
Unspecified:	1	2.3%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	1	4.8%

<b>Contributing Factor</b>	<b>#VEH</b>	<b>%</b>	<b>Pedestrian Actions</b>	<b>#ACC</b>	<b>%</b>
Driver: Speed:	2	4.5%	In Crosswalk with Signal:	1	100.0%
Driver: Alcohol/Drug:	0	0.0%	In Crosswalk against Signal:	0	0.0%
Driver: Electronic Device:	1	2.3%	In Crosswalk no Signal:	0	0.0%
Driver: Others:	10	22.7%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	0	0.0%
Roadway:	2	4.5%	From Between Parked Cars:	0	0.0%
Unspecified:	29	65.9%	Unspecified:	0	0.0%

15 Records are not approved as of 1/14/2014 10:54:33 AM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

## Accident Summary Report (R-8)

**Corridor:** MINNESOTA AVE,NE,SE From M ST,SE TO RANDLE CIR (EAST),SE

**Time Period Covered:** From 05/20/2011 To 05/20/2012

**Prepared By:** Rahul Jain

**Prepared Date:** 1/14/2014

Total Number of Accident:	21	<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>	<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>
Total Number of Fatalities:	0	Right Angle:	2	9.5%	Fixed Object:	3	14.3%
Total Number of Injuries:	15	Left Turn:	3	14.3%	Ran Off Road:	1	4.8%
Total Number of Disabling Injuries:	0	Right Turn:	1	4.8%	Ped. Involved:	3	14.3%
Total Number of NonDisabling Injuries:	3	Rear End:	1	4.8%	Backing:	0	0.0%
Total Number of Pedestrians Involved:	3	Side Swiped:	6	28.6%	Non Collision:	1	4.8%
Total Number of Bicycles Involved:	0	Head On:	0	0.0%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	1	Parked:	0	0.0%	Unspecified:	0	0.0%
<b>Time of Day</b>				<b>#ACC</b>	<b>%</b>	<b>Day o fweek</b>	
07:30 ~ 09:30:				2	9.5%	Sunday:	
09:30 ~ 11:30:				2	9.5%	Monday:	
11:30 ~ 13:30:				2	9.5%	Tuesday:	
13:30 ~ 16:00:				1	4.8%	Wednesday:	
16:00 ~18:30:				4	19.0%	Thursday:	
18:30 ~ 07:30:				10	47.6%	Friday:	
Unspecified:				0	0.0%	Saturday:	
<b>Weather Condition</b>				<b>#ACC</b>	<b>%</b>	<b>Surface Condition</b>	
Clear:				14	66.7%	Dry:	
Rain:				5	23.8%	Wet:	
Snow:				1	4.8%	Snow/Ice:	
Sleet/Hail:				0	0.0%	Slush:	
Fog/Mist:				1	4.8%	Water/Sand:	
Crosswind/Blowing Sand:				0	0.0%	Repairing:	
Unspecified:				0	0.0%	Unspecified:	
<b>Type of Vehicle</b>				<b>#VEH</b>	<b>%</b>	<b>Accident Severity Type</b>	
Passenger Car:				26	74.3%	Fatal Collision:	
Bus:				2	5.7%	Injury Collision:	
Truck:				4	11.4%	PDO Collision:	
Taxi:				0	0.0%	<b>Light Condition</b>	
Minivan:				0	0.0%	Daylight:	
Police/Emergency Vehicle:				1	2.9%	Dawn/Dusk:	
Motorcycle/Moped:				1	2.9%	Dark(Lighted):	
Bicycle:				0	0.0%	Dark(Not Lighted):	
Fixed Object:				0	0.0%	Dark(Unknown Lighting):	
Unspecified:				1	2.9%	Unspecified:	
<b>Contributing Factor</b>				<b>#VEH</b>	<b>%</b>	<b>Pedestrian Actions</b>	
Driver: Speed:				0	0.0%	In Crosswalk with Signal:	
Driver: Alcohol/Drug:				1	2.9%	In Crosswalk against Signal:	
Driver: Electronic Device:				0	0.0%	In Crosswalk no Signal:	
Driver: Others:				6	17.1%	In Unmarked Crosswalk:	
Vehicle:				0	0.0%	Not in Crosswalk:	
Roadway:				2	5.7%	From Between Parked Cars:	
Unspecified:				26	74.3%	Unspecified:	

9 Records are not approved as of 1/14/2014 10:53:32 AM

## Accident Summary Report (R-8)

**Corridor:** MINNESOTA AVE,NE,SE From M ST,SE TO RANDLE CIR (EAST),SE

**Time Period Covered:** From 05/21/2012 To 05/21/2013 **Prepared By:** Rahul Jain

**Prepared Date:** 1/14/2014

		<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>	<b>Collision Type</b>	<b>#ACC</b>	<b>%</b>
Total Number of Accident:	19	Right Angle:	3	15.8%	Fixed Object:	3	15.8%
Total Number of Fatalities:	0	Left Turn:	1	5.3%	Ran Off Road:	0	0.0%
Total Number of Injuries:	7	Right Turn:	0	0.0%	Ped. Involved:	0	0.0%
Total Number of Disabling Injuries:	1	Rear End:	3	15.8%	Backing:	0	0.0%
Total Number of NonDisabling Injuries:	1	Side Swiped:	5	26.3%	Non Collision:	0	0.0%
Total Number of Pedestrians Involved:	0	Head On:	0	0.0%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	0	Parked:	1	5.3%	Unspecified:	3	15.8%
Total Number of Motorcycles Involved:	0						

<b>Time of Day</b>	<b>#ACC</b>	<b>%</b>	<b>Day o fweek</b>	<b>#ACC</b>	<b>%</b>
07:30 ~ 09:30:	1	5.3%	Sunday:	2	10.5%
09:30 ~ 11:30:	1	5.3%	Monday:	1	5.3%
11:30 ~ 13:30:	1	5.3%	Tuesday:	3	15.8%
13:30 ~ 16:00:	2	10.5%	Wednesday:	2	10.5%
16:00 ~18:30:	3	15.8%	Thursday:	4	21.1%
18:30 ~ 07:30:	11	57.9%	Friday:	4	21.1%
Unspecified:	0	0.0%	Saturday:	3	15.8%

<b>Weather Condition</b>	<b>#ACC</b>	<b>%</b>	<b>Surface Condition</b>	<b>#ACC</b>	<b>%</b>
Clear:	16	84.2%	Dry:	14	73.7%
Rain:	1	5.3%	Wet:	3	15.8%
Snow:	0	0.0%	Snow/Ice:	0	0.0%
Sleet/Hail:	0	0.0%	Slush:	0	0.0%
Fog/Mist:	0	0.0%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	0	0.0%	Repairing:	0	0.0%
Unspecified:	2	10.5%	Unspecified:	2	10.5%

<b>Type of Vehicle</b>	<b>#VEH</b>	<b>%</b>	<b>Accident Severity Type</b>	<b>#ACC</b>	<b>%</b>
Passenger Car:	24	68.6%	Fatal Collision:	0	0.0%
Bus:	4	11.4%	Injury Collision:	5	26.3%
Truck:	4	11.4%	PDO Collision:	14	73.7%
Taxi:	0	0.0%			
Minivan:	0	0.0%	<b>Light Condition</b>	<b>#ACC</b>	<b>%</b>
Police/Emergency Vehicle:	0	0.0%	Daylight:	10	52.6%
Motorcycle/Moped:	0	0.0%	Dawn/Dusk:	0	0.0%
Bicycle:	0	0.0%	Dark(Lighted):	7	36.8%
Fixed Object:	0	0.0%	Dark(Not Lighted):	0	0.0%
Unspecified:	3	8.6%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	2	10.5%

<b>Contributing Factor</b>	<b>#VEH</b>	<b>%</b>	<b>Pedestrian Actions</b>	<b>#ACC</b>	<b>%</b>
Driver: Speed:	2	5.7%	In Crosswalk with Signal:	0	0.0%
Driver: Alcohol/Drug:	0	0.0%	In Crosswalk against Signal:	0	0.0%
Driver: Electronic Device:	0	0.0%	In Crosswalk no Signal:	0	0.0%
Driver: Others:	4	11.4%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	0	0.0%
Roadway:	1	2.9%	From Between Parked Cars:	0	0.0%
Unspecified:	28	80.0%	Unspecified:	0	0.0%

12 Records are not approved as of 1/14/2014 10:56:57 AM