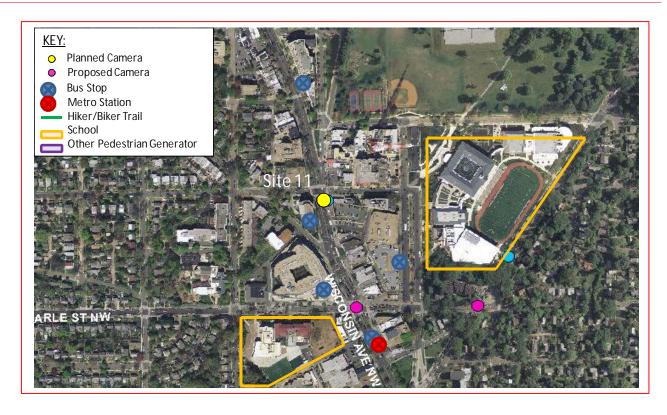




## Speed Limit and Safety Nexus Studies for Automated Enforcement Locations in the District of Columbia Wisconsin Avenue at Brandywine Street NW

## Study Area and Location

District	PSA	Ward	ANC	Phase	Description
2	202	3	3E/3F	Planned	Wisconsin Avenue Northbound at Brandywine
					Street Northwest



The *planned* speed camera will be located in Ward 3 at the intersection of Wisconsin Avenue and Brandywine Street Northwest in the northbound direction. Wisconsin Avenue runs between Western Avenue Northwest to the north and Whitehurst Freeway Northwest to the south. The posted speed limit is 30 MPH.



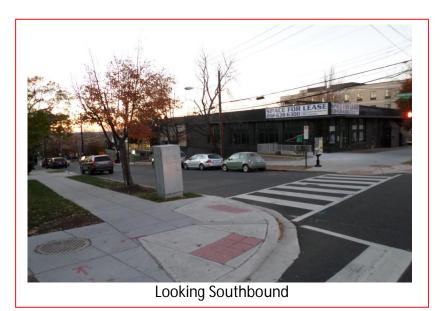




## Field Assessment Summary

Wisconsin Avenue is assumed to run in a North-South direction, and is classified as a principal arterial. Wisconsin Avenue has two through lanes and one left turn lane in each direction. Brandywine Street has one lane in each direction. This site has the following characteristics:

- This site is located in a residential and commercial area with retail stores, apartments, and houses along both sides of the street and in the surrounding area.
- There is sidewalk with curb and gutter and on-street parking on both sides of the street.
- There is an existing traffic signal and crosswalks with pedestrian signals on all legs of the intersection.
- The existing pavement is in poor condition and there is a downhill slope in the northbound direction.
- There are two schools near this site: Woodrow Wilson High School and Janney Elementary School.
- There is one bus stop on the south leg in the northbound direction. There are multiple bust stops in the area as well as a Metrorail Station.







Speed Data Analysis

Posted Speed Limit (MPH)	30
Mean Speed (MPH)	16
85th Percentile Speed (MPH)	25
10 MPH Pace Speed	7-16 MPH
Sample Size	10,955
ADT	10,976

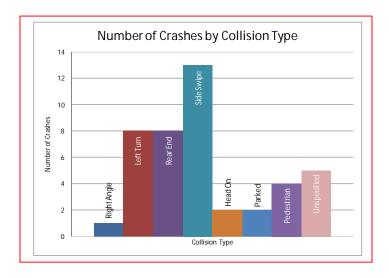
Both the mean speed and the 85<sup>th</sup> percentile speeds are lower than the posted speed limit at this location. The 85<sup>th</sup> percentile speed is 5 MPH lower than the posted speed limit.

### Crash Data Analysis

Between January 1, 2010 and December 31, 2012, there were a total of 43 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 (13 crashes), Left Turn (8 crashes), and Rear End (8 crashes).



Sev	Severity			eather		Surface	condit	ion	Light Condition		
Total	43										
Fatal	0	0.0%	Clear	32	74.4%	Dry	33	76.7%	Day	33	76.7%
Injury	10	23.3%	Rain	10	23.3%	Wet	9	20.9%	Night	7	16.3%
Bus	9	20.9%	Snow	0	0.0%	Snow/Ice	0	0.0%			
Truck	8	18.6%									



The Wisconsin Avenue Corridor is listed as one of the top ten high frequency crash corridors from 2009 to 2011, according to the report *TRAFFIC SAFETY STATISTICS REPORT FOR THE DISTRICT OF COLUMBIA* (2009-2011)<sup>1</sup>.

### Safety Nexus

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

- 1. Speed Data The speed data analysis shows travel speeds being much lower than the posted speed limit.
- 2. Crash Data There was an elevated number of speed-related crashes at this location, including side swipe. The Wisconsin Avenue Corridor is listed as one of the top ten high frequency crash corridors from 2009 to 2011.
- 3. Field Assessment The following site characteristics suggest a need for a safer travel environment:

W3 - 133

<sup>&</sup>lt;sup>1</sup> DDOT, TRAFFIC SAFETY STATISTICS REPORT FOR THE DISTRICT OF COLUMBIA (2009-2011), pg.80.





- a. This site is located in a residential and commercial area with retail stores, apartments, and houses along both sides of the street and in the surrounding area.
- b. There are two schools in this area, Woodrow Wilson High School and Janney Elementary School.
- c. There are multiple bus stops and one Metrorail station in the area which generate pedestrian activity.

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

1515 RISING RIDGE ROAD MOUNT AIRY, MD 21771

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### Wisconsin Ave NB at Brandywine St NW Speed

NB															
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/01/00	1	1	0	4	8	0	0	0	0	0	0	0	0	0	14
01:00	1	3	7	9	8	6	0	1	0	0	0	0	0	0	35
02:00	3	2	5	19	21	8	2	0	0	0	0	0	0	0	60
03:00	16	17	26	40	20	13	1	1	0	0	0	0	0	0	134
04:00	51	98	58	76	65	18	3	1	0	0	0	0	0	0	370
05:00	218	92	71	48	37	3	0	0	0	0	0	0	0	0	469
06:00	281	190	92	48	20	0	0	0	0	0	0	0	0	0	631
07:00	222	158	119	53	14	2	0	0	0	0	0	0	0	0	568
08:00	107	168	228	156	41	6	0	0	0	0	0	0	0	0	706
09:00	166	151	224	154	26	0	0	0	0	0	0	0	0	0	721
10:00	226	199	222	71	8	1	0	0	0	0	0	0	0	0	727
11:00	221	173	244	111	17	0	0	0	0	0	0	0	0	0	766
12 PM	270	168	190	60	15	0	0	0	0	0	0	0	0	0	703
13:00	288	183	182	49	10	1	0	0	0	0	0	0	0	0	713
14:00	323	162	134	29	8	0	0	0	0	0	0	0	0	0	656
15:00	328	154	74	27	3	0	0	0	0	0	0	0	0	0	586
16:00	275	184	147	49	7	0	0	0	0	0	0	0	0	0	662
17:00	186	204	189	57	9	1	0	0	0	0	0	0	0	0	646
18:00	103	150	207	90	9	0	0	0	0	0	0	0	0	0	559
19:00	65	76	188	139	26	5	0	0	0	0	0	0	0	0	499
20:00	43	30	98	124	54	9	0	0	0	0	0	0	0	0	358
21:00	17	13	38	63	53	11	3	0	0	0	0	0	0	0	198
22:00	9	6	25	40	20	6	1	0	0	0	0	0	0	0	107
23:00	6	4	14	21	20	2	0	0	0	0	0	0	0	0	67
Total	3426	2586	2782	1537	519	92	10	3	0	0	0	0	0	0	10955

1515 RISING RIDGE ROAD MOUNT AIRY, MD 21771

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#### Wisconsin Ave NB at Brandywine St NW Speed

NB															
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
01/02/00	1	3	5	7	3	2	0	0	0	0	0	0	0	0	21
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	1	3	5	7	3	2	0	0	0	0	0	0	0	0	21
Grand Total	3427	2589	2787	1544	522	94	10	3	0	0	0	0	0	0	10976

6 MPH 15th Percentile: 50th Percentile: 15 MPH 25 MPH 85th Percentile: 95th Percentile: 29 MPH

Mean Speed(Average): 10 MPH Pace Speed: Stats 16 MPH 7-16 MPH

Number in Pace : 4507 Percent in Pace : 41.1% 550

Number of Vehicles > 30 MPH: Percent of Vehicles > 30 MPH : 5.0%

1515 RISING RIDGE ROAD MOUNT AIRY, MD 21771

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### Wisconsin Ave NB at Brandywine St NW Volume

Start	Sat	01-Jan-00	Sun	02-Jan-00	Mon	03-Jan-00	Daily Av	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	*	173	9	*	*	*	9	1
12:15	*	167	12	*	*	*	12	1
12:30	5	155	*	*	*	*	5	1
12:45	9	208	*	*	*	*	9	2
01:00	6	192	*	*	*	*	6	1
01:15	7	160	*	*	*	*	7	1
01:30	9	193	*	*	*	*	9	1
01:45	13	168	*	*	*	*	13	1
02:00	6	180	*	*	*	*	6	1
02:15	12	130	*	*	*	*	6 12	1
02:30	21	183	*	*	*	*	21	1
02:45	21	163	*	*	*	*	21	1
03:00	25	152	*	*	*	*	25	1
03:00	27	154	*	*	*	*	27	1
03.15			*	*	*	*		
03:30	38	124			*	*	38	1
03:45	44	156	*	*	*	*	44	1
04:00	67	151	•	*	*		67	1
04:15	91	159	*			*	91	1
04:30	98	169	*	*	*	*	98	1
04:45	114	183	*	*	*	*	114	1
05:00	99	150	*	*	*	*	99	1
05:15	134	166	*	*	*	*	134	1
05:30	144	171	*	*	*	*	144	1
05:45	92	159	*	*	*	*	92	1
06:00	146	155	*	*	*	*	146	1
06:15	136	144	*	*	*	*	136	1
06:30	160	129	*	*	*	*	160	1
06:45	189	131	*	*	*	*	189	1
07:00	161	153	*	*	*	*	161	1
07:15	157	125	*	*	*	*	157	1
07:30	130	106	*	*	*	*	130	1
07:45	120	115	*	*	*	*	120	1
08:00	187	111	*	*	*	*	187	1
08:15	171	90	*	*	*	*	171	
08:30	166	82	*	*	*	*	166	
	100	0 <u>2</u>	*	*	*	*	182	
08:45	182	75 54	*	*	*	*	102	
09:00	182	51 50			*	*	182	
09:15	180	58		*	*	*	180	
09:30	192	48	•	•	*	*	192	
09:45	167	41	*	*			167	
10:00	192	44	*	*	*	*	192	
10:15	180	26	*	*	*	*	180	
10:30	179	11	*	*	*	*	179	
10:45	176	26	*	*	*	*	176	
11:00	194	13	*	*	*	*	194	
11:15	177	26	*	*	*	*	177	
11:30	200	13	*	*	*	*	200	
11:45	195	15	*	*	*	*	195	
Total	5201	5754	21	0	0	0	5222	57
Combined								
Total	109	955	21	I	0		10976	j
Peak	11:00	00:45					11:00	00
Vol.	766	753					766	7
P.H.F.	0.958	0.905					0.958	0.9
	0.000	0.000					0.500	υ.5

1515 RISING RIDGE ROAD MOUNT AIRY, MD 21771

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### Wisconsin Avenue NB at Brandywine St NW Speed

NB															
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
11/05/13	1	1	0	4	8	0	0	0	0	0	0	0	0	0	14
01:00	1	3	7	9	8	6	0	1	0	0	0	0	0	0	35
02:00	3	2	5	19	21	8	2	0	0	0	0	0	0	0	60
03:00	16	17	26	40	20	13	1	1	0	0	0	0	0	0	134
04:00	51	98	58	76	65	18	3	1	0	0	0	0	0	0	370
05:00	218	92	71	48	37	3	0	0	0	0	0	0	0	0	469
06:00	281	190	92	48	20	0	0	0	0	0	0	0	0	0	631
07:00	222	158	119	53	14	2	0	0	0	0	0	0	0	0	568
08:00	107	168	228	156	41	6	0	0	0	0	0	0	0	0	706
09:00	166	151	224	154	26	0	0	0	0	0	0	0	0	0	721
10:00	226	199	222	71	8	1	0	0	0	0	0	0	0	0	727
11:00	221	173	244	111	17	0	0	0	0	0	0	0	0	0	766
12 PM	270	168	190	60	15	0	0	0	0	0	0	0	0	0	703
13:00	288	183	182	49	10	1	0	0	0	0	0	0	0	0	713
14:00	323	162	134	29	8	0	0	0	0	0	0	0	0	0	656
15:00	328	154	74	27	3	0	0	0	0	0	0	0	0	0	586
16:00	275	184	147	49	7	0	0	0	0	0	0	0	0	0	662
17:00	186	204	189	57	9	1	0	0	0	0	0	0	0	0	646
18:00	103	150	207	90	9	0	0	0	0	0	0	0	0	0	559
19:00	65	76	188	139	26	5	0	0	0	0	0	0	0	0	499
20:00	43	30	98	124	54	9	0	0	0	0	0	0	0	0	358
21:00	17	13	38	63	53	11	3	0	0	0	0	0	0	0	198
22:00	9	6	25	40	20	6	1	0	0	0	0	0	0	0	107
23:00	6	4	14	21	20	2	0	0	0	0	0	0	0	0	67
Total	3426	2586	2782	1537	519	92	10	3	0	0	0	0	0	0	10955

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### Wisconsin Avenue NB at Brandywine St NW Speed

NB															
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
11/06/13	1	3	5	7	3	2	0	0	0	0	0	0	0	0	21
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	11	3	5	7	3	2	0	0	0	0	0	0	0	0	21_
Grand Total	3427	2589	2787	1544	522	94	10	3	0	0	0	0	0	0	10976

 15th Percentile:
 6 MPH

 50th Percentile:
 15 MPH

 85th Percentile:
 25 MPH

 95th Percentile:
 29 MPH

 Stats
 Mean Speed(Average) :
 16 MPH

 10 MPH Pace Speed :
 7-16 MPH

 Number in Pace :
 4507

 Number in Pace:
 4507

 Percent in Pace:
 41.1%

 Number of Vehicles > 30 MPH:
 550

 Percent of Vehicles > 30 MPH:
 5.0%

1515 RISING RIDGE ROAD MOUNT AIRY, MD 21771

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### Wisconsin Avenue NB at Brandywine St NW Volume

Time AM. P.M. P.	Start	Tue	05-Nov-13	Wed	06-Nov-13	Thu	07-Nov-13	Daily A	verage
12:15		A.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:30 5 155	12:00	*	173	9	*	*	*		173
12:30 5 155	12:15	*	167	12	*	*	*	12	167
12:45 9 206	12:30	5	155		*	*	*	5	155
01:00 6 192 · · · · 6 6 7 7 7 01:30 9 193 · · · · · · · · 7 7 01:30 9 193 · · · · · · · · · · · · 7 7 01:30 9 193 · · · · · · · · · · · · 9 9 10:45 13 168 · · · · · · · · · · · · · · · · · · ·	12:45		208	*	*	*	*	9	208
01:15 7 160				*	*	*	*	6	192
01:30 9 193				*	*	*	*	7	160
01145 13 168				*	*	*	*		193
02:00 6 180				*	*	*	*	13	168
02:15	01.40		180	*	*	*	*	6	180
02:30				*	*			12	130
02:45 21 163	02.13		100	*				12	
03:00 25 152	02:30							21	183
03:15 27 154								21	163
03:30 38 124	03:00	25	152	*				25	152
03:45 44 156	03:15	27		*				27	154
04:00 67 151	03:30			*				38	124
04:15 91 159				*					156
04:30 98 169	04:00	67	151					67	151
04:45 114 183		91	159	*	*	*	*	91	159
04:45 114 183	04:30	98	169	*	*	*	*	98	169
05:00 99 150	04:45	114	183	*	*	*	*	114	183
05:15     134     166     *     *     134       05:30     144     171     *     *     144       05:45     92     159     *     *     92       06:00     146     155     *     *     *     146       06:15     136     144     *     *     *     136       06:30     160     129     *     *     *     160       06:45     189     131     *     *     *     189       07:00     161     153     *     *     *     161       07:15     157     125     *     *     *     157       07:30     130     106     *     *     *     *     130       07:45     120     115     *     *     *     *     120       08:00     187     111     *     *     *     *     187       08:15     171     90     *     *     *     *     187       08:31     171     90     *     *     *     *     *     182       09:00     182     51     *     *     *     *     *     182       09:15 <td>05:00</td> <td>99</td> <td>150</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>99</td> <td>150</td>	05:00	99	150	*	*	*	*	99	150
05:30 144 171				*	*	*	*		166
05:45         92         159         *         *         *         146         155         *         146         146         06:30         160         129         *         *         *         136         06:30         160         129         *         *         *         *         160         06:45         189         131         *         *         *         *         160         06:45         189         131         *         *         *         *         160         06:45         189         131         *         *         *         *         160         06:45         189         131         *         *         *         160         06:45         189         131         *         *         *         160         06:45         189         131         *         *         *         160         06:45         189         131         *         *         *         161         157         157         125         *         *         *         *         157         07:30         130         106         *         *         *         *         180         07:41         100         08:15         171         90         *	05:30	144	171	*	*	*	*	144	171
06:00     146     155     *     *     *     146       06:15     136     144     *     *     *     136       06:30     160     129     *     *     *     160       06:45     189     131     *     *     *     189       07:00     161     153     *     *     *     *     161       07:15     157     125     *     *     *     *     157       07:30     130     106     *     *     *     *     130       07:45     120     115     *     *     *     120       08:00     187     111     *     *     *     187       08:15     171     90     *     *     *     *     187       08:30     166     82     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:15     180     58     *     *     *     *     182       09:45     167     41     *     *     *     <	05:45			*	*	*	*	92	159
06:15     136     144     *     *     *     136       06:30     160     129     *     *     *     160       06:45     189     131     *     *     *     189       07:00     161     153     *     *     *     *     161       07:15     157     125     *     *     *     157       07:30     130     106     *     *     *     *     130       07:45     120     115     *     *     *     *     120       08:00     187     111     *     *     *     120       08:01     187     111     *     *     *     120       08:02     187     111     *     *     *     1171       08:30     166     82     *     *     *     *     166       08:45     182     75     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *				*	*	*	*		155
06:30	06:00	136	133	*	*	*		140	144
06:45     189     131     *     *     *     189       07:00     161     153     *     *     *     161       07:15     157     125     *     *     *     157       07:30     130     106     *     *     *     *     130       07:45     120     115     *     *     *     *     120       08:00     187     111     *     *     *     *     187       08:15     171     90     *     *     *     *     171       08:30     166     82     *     *     *     *     166       08:45     182     75     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:01     182     51     *     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     *     192       09:45     167     41     *     *     *     *     *     192       10:15     180		150		*	*			100	129
07:00         161         153         *         *         *         161           07:15         157         125         *         *         *         157           07:30         130         106         *         *         *         *         130           07:45         120         115         *         *         *         *         120           08:00         187         111         *         *         *         *         187           08:05         171         90         *         *         *         *         187           08:15         171         90         *         *         *         *         187           08:45         182         75         *         *         *         *         182           09:00         182         51         *         *         *         *         182           09:01         182         51         *         *         *         *         182           09:15         180         58         *         *         *         *         182           09:45         167         41         *	00.30	100	129					100	
07:15         157         125         *         *         *         *         157           07:30         130         106         *         *         *         *         130           07:45         120         115         *         *         *         120           08:00         187         111         *         *         *         187           08:15         171         90         *         *         *         *         171           08:30         166         82         *         *         *         *         186           08:45         182         75         *         *         *         *         182           09:00         182         51         *         *         *         *         182           09:15         180         58         *         *         *         *         182           09:30         192         48         *         *         *         *         192           09:45         167         41         *         *         *         *         192           10:15         180         26         *									131
07:30     130     106     *     *     *     *     130       07:45     120     115     *     *     *     *     120       08:00     187     111     *     *     *     *     187       08:15     171     90     *     *     *     *     171       08:30     166     82     *     *     *     *     166       08:45     182     75     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     180       09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     *     192       10:15     180     26     *     *     *     *     *     180       10:30     179     11     *     *     *     *     *     *     *     176       11:00     194     13     *     *     <	07:00	161	153					161	153
07:45     120     115     *     *     *     120       08:00     187     111     *     *     *     187       08:15     171     90     *     *     *     *     171       08:30     166     82     *     *     *     *     166       08:45     182     75     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:01     182     51     *     *     *     *     182       09:02     182     51     *     *     *     *     182       09:03     192     48     *     *     *     *     180       09:30     192     48     *     *     *     *     *     192       09:45     167     41     *     *     *     *     *     *     192       00:15     180     26     *     *     *     *     *     *     *     192       10:30     179     11     *     *     *     *     *     *     *     *     *     *     *     *     *		157							125
08:00	07:30	130						130	106
08:15     171     90     *     *     *     171       08:30     166     82     *     *     *     166       08:45     182     75     *     *     *     182       09:00     182     51     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     192       09:45     167     41     *     *     *     *     192       10:00     192     44     *     *     *     *     *     192       10:15     180     26     *     *     *     *     *     192       10:15     180     26     *     *     *     *     *     *     180       10:30     179     11     *     *     *     *     *     *     *     179       10:45     176     26     *     *     *     *     *     *     *     *     *     *     *     *     *     *	07:45	120	115					120	115
08:30									111
08:45     182     75     *     *     *     *     182       09:00     182     51     *     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     192       09:45     167     41     *     *     *     *     192       10:00     192     44     *     *     *     *     192       10:15     180     26     *     *     *     *     180       10:30     179     11     *     *     *     *     179       10:45     176     26     *     *     *     *     *     176       11:00     194     13     *     *     *     *     *     194       11:15     177     26     *     *     *     *     *     *     194       11:45     195     15     *     *     *     *     *     *     *     195       Total     5201     5754     <	08:15		90	*	*	*	*	171	90
09:00     182     51     *     *     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     167       10:00     192     44     *     *     *     *     192       10:15     180     26     *     *     *     *     180       10:15     180     26     *     *     *     *     *     180       10:30     179     11     *     *     *     *     *     179       10:45     176     26     *     *     *     *     *     *     *       11:00     194     13     *     *     *     *     *     *     *     194       11:15     177     26     *     *     *     *     *     *     *     *     *     *     1177       11:30     195     15     *     *     *     *     *     *     *     *     *     *     *     *     * <td>08:30</td> <td>166</td> <td>82</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>166</td> <td>82</td>	08:30	166	82	*	*	*	*	166	82
09:00     182     51     *     *     *     *     *     182       09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     167       10:00     192     44     *     *     *     *     192       10:15     180     26     *     *     *     *     192       10:15     180     26     *     *     *     *     *     180       10:30     179     11     *     *     *     *     *     180       10:45     176     26     *     *     *     *     *     *     176       11:00     194     13     *     *     *     *     *     *     194       11:15     177     26     *     *     *     *     *     *     1177       11:30     195     15     *     *     *     *     *     *     *     *     *     195       Total     5201     5754     21     0     0 <td>08:45</td> <td>182</td> <td>75</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>182</td> <td>75</td>	08:45	182	75	*	*	*	*	182	75
09:15     180     58     *     *     *     *     180       09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     167       10:00     192     44     *     *     *     *     192       10:15     180     26     *     *     *     *     180       10:30     179     11     *     *     *     *     179       10:45     176     26     *     *     *     *     176       11:00     194     13     *     *     *     *     194       11:15     177     26     *     *     *     *     *     194       11:30     200     13     *     *     *     *     *     *     194       11:45     195     15     *     *     *     *     *     *     *     195       Total     5201     5754     21     0     0     0     5222       Combined Total     10955     21     0     0     0     0     0     0       Peak     11:00     7		182		*	*	*	*		51
09:30     192     48     *     *     *     *     192       09:45     167     41     *     *     *     *     167       10:00     192     44     *     *     *     *     192       10:15     180     26     *     *     *     180       10:30     179     11     *     *     *     *     179       10:45     176     26     *     *     *     *     176       11:00     194     13     *     *     *     *     194       11:15     177     26     *     *     *     *     *     194       11:30     200     13     *     *     *     *     *     *     200       11:45     195     15     *     *     *     *     *     *     195       Total     5201     5754     21     0     0     0     5222       Combined Total     10955     21     0     0     0     5222       Vol.     766     753     766	09:15	180	58	*	*	*	*	180	58
09:45     167     41     *     *     *     *     167       10:00     192     44     *     *     *     *     192       10:15     180     26     *     *     *     *     180       10:30     179     11     *     *     *     179       10:45     176     26     *     *     *     *     176       11:00     194     13     *     *     *     *     194       11:15     177     26     *     *     *     *     177       11:30     200     13     *     *     *     *     200       11:45     195     15     *     *     *     *     195       Total     5201     5754     21     0     0     0     5222       Combined Total     10955     21     0     0     0     5222       Peak     11:00     00:45     0     10:976       Vol.     766     753     766		192	48	*	*	*	*		48
10:00 192 44	09:45	167	41	*	*	*	*	167	41
10:15				*	*	*	*		44
10:30	10.00	192	26	*	*	*	*	192	26
10:45     176     26     *     *     *     176       11:00     194     13     *     *     *     194       11:15     177     26     *     *     *     *     177       11:30     200     13     *     *     *     *     200       11:45     195     15     *     *     *     *     195       Total     5201     5754     21     0     0     0     5222       Combined Total     10955     21     0     0     0     10976       Peak Total     11:00     00:45     0     11:00       Vol.     766     753     766	10.13			*	*	*	*		11
11:00									
11:15     177     26     *     *     *     177       11:30     200     13     *     *     *     *     200       11:45     195     15     *     *     *     *     195       Total     5201     5754     21     0     0     0     5222       Combined Total     10955     21     0     10976       Peak Vol.     11:00     00:45     0     11:00       Vol.     766     753     766					 			170	26
11:30     200     13     *     *     *     *     *     200       11:45     195     15     *     *     *     *     *     195       Total     5201     5754     21     0     0     0     5222       Combined Total     10955     21     0     10976       Peak 11:00     00:45     0     11:00       Vol.     766     753     766				•	•		•		13
11:45         195         15         *         *         *         *         *         195           Total Combined Total         10955         21         0         0         0         5222           Peak Total         11:00         00:45         0         10976           Vol. 766         753         766				*	*	*	*		26
Total Combined Total         5201         5754         21         0         0         0         5222           Peak Total         11:00         00:45         0         10976           Peak Vol.         766         753         766				*	*	*	*		13
Combined Total         10955         21         0         10976           Peak Peak Vol. 766 753         11:00         11:00           766         753         766				*	*				15
Total         10955         21         0         10976           Peak         11:00         00:45         11:00           Vol.         766         753         766		5201	5754	21	0	0	0	5222	5754
Peak 11:00 00:45 11:00 Vol. 766 753 766	Combined	10	OEE	24		0		1007	6
Peak       11:00       00:45       11:00         Vol.       766       753       766	Total	10	900	21		0		1097	O
Vol. 766 753 766		11:00	00:45	,			,	11:00	00:45
PHE 0.958 0.905									753
1.11.1. 0.000 0.000 0.000	P.H.F.	0.958	0.905					0.958	0.905
ADT ADT 10,976 AADT 10,976		0.000		AADT 10 076	-			3.000	0.000

### DC Department of Transportation - Traffic Accident Reporting and Analysis System

# Accident Summary Report (R-8)

	om 01/01/20		YWINE ST,NW T /2012 <b>Prepare</b>		Rahul Jain	Prepared Da	i <b>te:</b> 1	0/6/2013
Total Number of Accident:		43	Collision Type	#ACC	%	Collision Type	#ACC	. 9
Total Number of Fatalities:		0	Right Angle:	1	2.3%	Fixed Object:	0	0.0%
Total Number of Injuries:		10	Left Turn:	8	18.6%	Ran Off Road:	0	0.0%
Total Number of Disabling In	ijuries:	0	Right Turn:	0	0.0%	Ped. Involved:	4	9.3%
Total Number of NonDisablir	ng Injuries:	3	Rear End:	8	18.6%	Backing:	0	0.0%
Total Number of Pedestrians	Involved:	4	Side Swiped:	13	30.2%	Non Collision:	0	0.0%
Total Number of Bicycles Inv	olved:	1	Head On:	2	4.7%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles	s Involved:	0	Parked:	2	4.7%	Unspecified:	5	11.6%
Time of Day	#ACC	%			Day o fweek	#AC	:C	9/
07:30 ~ 09:30:	12	27.9%			Sunday:	2		4.7%
09:30 ~ 11:30:	2	4.7%			Monday:	8		18.6%
11:30 ~ 13:30:	4	9.3%			Tuesday:	7		16.3%
13:30 ~ 16:00:	7	16.3%			Wednesday:	5		11.6%
16:00 ~18:30:	8	18.6%			Thursday:	12		27.9%
18:30 ~ 07:30:	10	23.3%			Friday:	5		11.6%
Unspecified:	0	0.0%			Saturday:	4		9.3%
Weather Condition	#ACC	%			Surface Condition	1 #AC	:C	%
Clear:	33	76.7%			Dry:	33		76.7%
Rain:	9	20.9%			Wet:	9		20.9%
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:	1	2.3%			Unspecified:	1		2.3%
Type of Vehicle	#VEH	%			Accident Severity	Type #AC	C	%
Passenger Car:	55	67.9%			Fatal Collision:	0		0.0%
Bus:	9	11.1%			Injury Collision:	10		23.3%
Truck:	8	9.9%			PDO Collision:	33		76.7%
Taxi:	5	6.2%						
Minivan:	0	0.0%			Light Condition	#AC	C	%
Police/Emergency Vehicle:	2	2.5%			Daylight:	33		76.7%
Motorcycle/Moped:	0	0.0%			Dawn/Dusk:	0		0.0%
Bicycle:	1	1.2%			Dark(Lighted):	7		16.3%
Fixed Object:	0	0.0%			Dark(Not Lighted):	0		0.0%
Unspecified:	1	1.2%			Dark(Unknown Ligh	nting): 0		0.0%
					Unspecified:	3		7.0%
Contributing Factor	#VEH	%			Pedestrian Action	s #AC	c	%
Driver: Speed:	0	0.0%			In Crosswalk with S	Signal: 2		50.0%
Driver: Alcohol/Drug:	1	1.2%			In Crosswalk again	-		25.0%
Driver: Electronic Device:	0	0.0%			In Crosswalk no Sig	gnal: 0		0.0%
Driver: Others:	18	22.2%			In Unmarked Cross	swalk: 0		0.0%
Vehicle:	0	0.0%			Not in Crosswalk:	1		25.0%
Roadway:	0	0.0%			From Between Par	ked Cars: 0		0.0%
Unspecified:	62	76.5%			Unspecified:	0		0.0%

<sup>33</sup> Records are not approved as of 10/6/2013 12:50:53 PM