



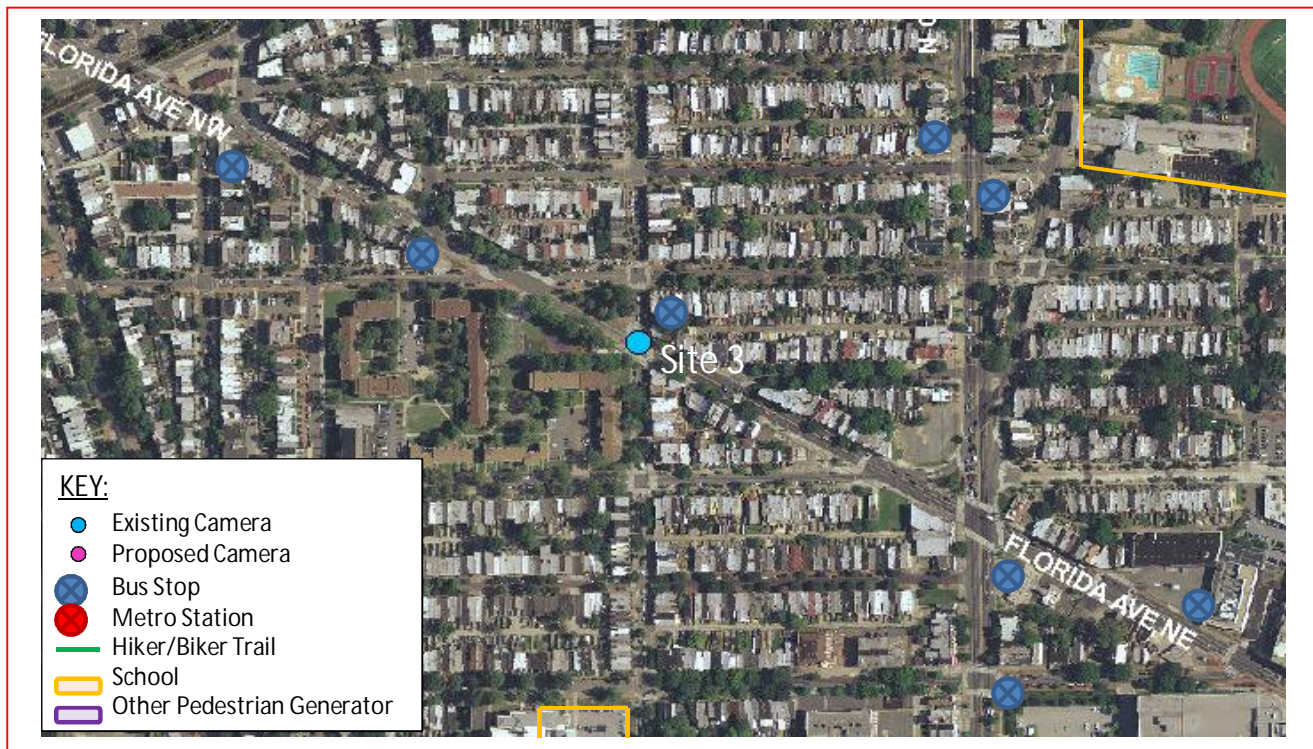
District Department of Transportation

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

100 Block Florida Avenue NW

Study Area and Location

District	PSA	Ward	ANC	Phase	Description
3	304/305	1	1B	Existing	100 Block Florida Avenue Northwest, Northwest-bound and Southeast-bound



This existing speed camera is located in Ward 1 at the 100 block of Florida Avenue Northwest for both the northwest bound and southeast bound traffic. Florida Avenue runs from U Street Northwest in the northwest to H Street Northeast in the southeast. The posted speed limit is 25 MPH. The existing speed camera was installed in November 2011.

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District Department of Transportation

100 Block Florida Avenue NW

Field Assessment Summary

Florida Avenue is assumed to run in the East-West direction and is classified as a minor arterial. Florida Avenue has two travel lanes in each direction. This site has the following characteristics:

- This site is located in a residential area with houses and apartments on both sides of the roadway.
- Sidewalks with curb and gutter exist on both sides.
- The existing roadway pavement is in good condition.
- There are three schools in the area: Dunbar High School, Emery Elementary School, and McKinley Technology High School.
- There is a bus stop on the north side of the block.
- High pedestrian volumes were observed at this location.



Southeast-Bound



District Department of Transportation

100 Block Florida Avenue NW



Northwest-Bound

Speed Data Analysis

	Northwest-Bound	Southeast-Bound
Posted Speed Limit (MPH)	25	25
Mean Speed (MPH)	21	16
85th Percentile Speed (MPH)	29	24
10 MPH Pace Speed	22-31	6-15
Sample Size	6702	6732
ADT	13,434	

The mean speed is lower than the posted speed limit in both directions, and the 85th percentile speed is higher in the northwest-bound direction and lower in the southwest-bound direction than the posted speed limit 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 539 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 collision at this location were Rear End (151 crashes), Side Swipe (112 crashes), Left Turn (55 crashes), Right Angle (50 crashes), Pedestrian Involved (37

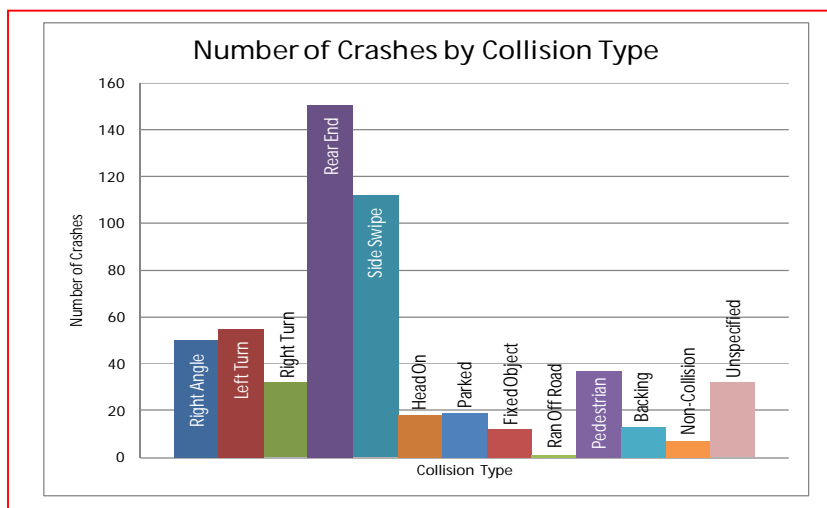


District Department of Transportation

100 Block Florida Avenue NW

crashes), and both Right Turn and Unspecified with 32 crashes. The other collision types had 19 crashes or less each. The crash data also shows six accidents where caused by vehicular speeding.

Severity			Weather			Surface condition			Light Condition		
Total	539										
Fatal	3	0.6%	Clear	455	84.4%	Dry	443	82.2%	Day	265	49.2%
Injury	191	35.4%	Rain	55	10.2%	Wet	67	12.4%	Night	242	44.9%
Taxi	77	14.3%	Snow	5	0.9%	Snow/Ice	4	0.7%			
Bus	41	7.6%									



There were an elevated number of speed-related crashes at this location, including rear end and side swipe crashes. The AASHTO 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”¹ as two errors leading to rear-end and sideswipe crashes. Both of these errors can be decreased with a decrease in travel speed. There were also a high number in pedestrian crashes at this location. “A pedestrian hit at 40 mph has an 85 percent chance of being killed; at 30 mph the risk is reduced to 45 percent; at 20 mph the risk is reduced to 5 percent.”²

The speed camera was installed on 11-31-2011. The graph below shows the number of crashes in the two years prior to the speed camera’s installation (355 crashes) and the two years after the speed camera’s

¹ AASHTO Highway Safety Manual, 1st Edition, 2010; Volume 1, page 2-13

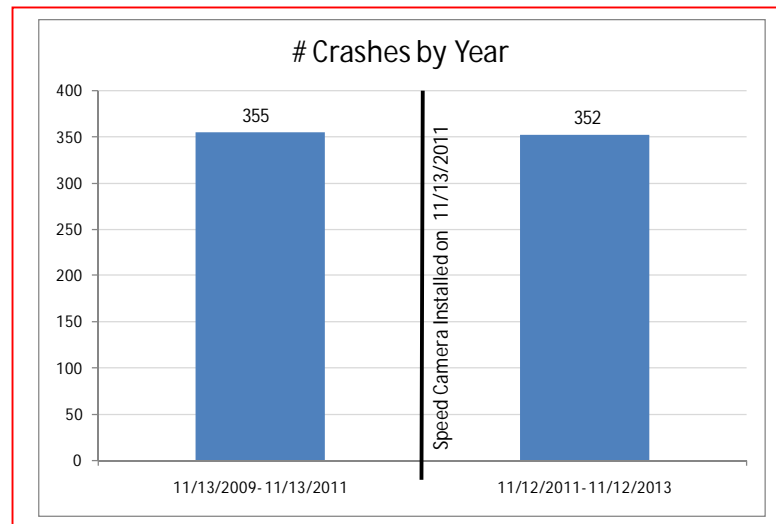
² AASHTO Highway Safety Manual, 1st Edition, 2010; Volume 1, page 2-14



District Department of Transportation

100 Block Florida Avenue NW

installation (352 crashes). There was a slight decrease in the number of crashes after the installation of the camera.



The Florida 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)*³. This site is located between two of the top five percent high accident locations in the District from 2010 to 2012: Florida Avenue NW and 7th Street NW; and Florida Avenue NE and New York Avenue NE.⁴

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 85th percentile speed is higher in the northwest-bound direction than posted speed limit at this location.
2. Crash Data – There was an elevated number of speed related crashes at this location, including rear end and side swipe collisions prior to installation of the speed camera. There are a high percentage of injury-related accidents and total injuries at this location. The crash data shows six accidents caused by vehicular speeding at this location.
3. Field Assessment – The following site characteristics suggest a need for a safer travel environment:

³ DDOT, *TRAFFIC SAFETY STATISTICS REPORT FOR THE DISTRICT OF COLUMBIA (2009-2011)*, pg. 80.

⁴ DDOT, *Top 5% High Accident Locations Map for 2010-2012*



District Department of Transportation

100 Block Florida Avenue NW

- a. This site is located in a residential area with many apartment buildings and houses on both sides of the street and in the surrounding area.
- b. This site is located near three schools: Dunbar High School, Emery Elementary School, and McKinley Technology High School.
- c. Heavy volumes of pedestrian activity were observed at this site.
- d. There are multiple bus stops in the area which generate pedestrian activity.

The speed data analysis, the elevated number of speed-related crashes and injury-related crashes, specific site characteristics, and the proximity of schools to the site support a nexus between traffic safety and the speed camera at this location.

W1 - 16

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

100 Block of Florida Ave NW Speed**NW Bound**

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
11/04/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	9	0	16	36	17	3	0	0	0	0	0	0	0	0	81
02:00	3	5	21	34	8	3	1	0	0	0	0	0	0	0	75
03:00	1	0	12	25	14	6	1	0	0	0	0	0	0	0	59
04:00	1	0	14	53	26	3	0	0	0	0	0	0	0	0	97
05:00	15	4	34	104	68	6	1	0	0	0	0	0	0	0	232
06:00	57	33	85	148	69	7	0	0	0	0	0	0	0	0	399
07:00	150	47	72	41	13	1	0	0	0	0	0	0	0	0	324
08:00	153	52	50	35	3	0	0	0	0	0	0	0	0	0	293
09:00	112	38	94	104	31	0	0	0	0	0	0	0	0	0	379
10:00	84	31	86	176	76	6	1	0	0	0	0	0	0	0	460
11:00	57	23	91	172	85	13	5	0	0	0	0	0	0	0	446
12 PM	82	35	96	159	48	11	0	0	0	0	0	0	0	0	431
13:00	82	37	69	127	46	5	1	0	0	0	0	0	0	0	367
14:00	60	37	96	136	61	8	1	0	0	0	0	0	0	0	399
15:00	88	34	118	81	35	8	1	0	0	0	0	0	0	0	365
16:00	61	44	89	87	26	4	1	0	0	0	0	0	0	0	312
17:00	75	19	102	78	16	0	1	0	0	0	0	0	0	0	291
18:00	65	42	95	99	34	3	0	0	0	0	0	0	0	0	338
19:00	56	24	91	154	51	5	0	0	0	0	0	0	0	0	381
20:00	41	15	64	108	41	7	0	0	0	0	0	0	0	0	276
21:00	24	5	63	86	38	6	2	0	0	0	1	0	0	0	225
22:00	21	5	46	103	45	5	0	0	0	0	0	0	0	0	225
23:00	19	4	21	52	33	8	0	0	0	0	0	0	0	0	137
Total	1316	534	1525	2198	884	118	16	0	0	0	1	0	0	0	6592

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

100 Block of Florida Ave NW Speed

NW Bound

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	9	3	27	48	21	2	0	0	0	0	0	0	0	0	110
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	9	3	27	48	21	2	0	0	0	0	0	0	0	0	110
Grand Total	1325	537	1552	2246	905	120	16	0	0	0	1	0	0	0	6702

15th Percentile : 8 MPH
50th Percentile : 22 MPH
85th Percentile : 29 MPH
95th Percentile : 33 MPH

Stats
Mean Speed(Average) : 21 MPH
10 MPH Pace Speed : 22-31 MPH
Number in Pace : 2983
Percent in Pace : 44.5%
Number of Vehicles > 25 MPH : 2675
Percent of Vehicles > 25 MPH : 39.9%

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

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100 Block of Florida Ave NW Speed

SE Bound

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
11/04/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	9	17	42	28	12	1	2	0	0	0	0	0	0	0	111
02:00	4	16	40	25	5	0	0	0	0	0	0	0	0	0	90
03:00	1	4	21	12	3	3	1	0	0	0	0	0	0	0	45
04:00	4	10	16	11	4	0	0	0	0	0	0	0	0	0	45
05:00	29	31	32	20	6	1	0	0	0	0	0	0	0	0	119
06:00	107	62	56	21	3	2	0	0	0	0	0	0	0	0	251
07:00	158	59	41	6	3	0	0	0	0	0	0	0	0	0	267
08:00	209	48	23	5	0	0	0	0	0	0	0	0	0	0	285
09:00	164	72	42	27	11	0	0	0	0	0	0	0	0	0	316
10:00	183	66	34	21	4	0	0	0	0	0	0	0	0	0	308
11:00	184	80	48	26	3	1	0	0	0	0	0	0	0	0	342
12 PM	204	75	41	11	3	0	0	0	0	0	0	0	0	0	334
13:00	227	71	35	15	6	1	1	0	0	0	0	0	0	0	356
14:00	169	84	71	60	14	3	1	0	0	0	0	0	0	0	402
15:00	110	53	125	84	27	8	0	0	0	0	0	0	0	0	407
16:00	102	76	165	83	21	6	0	0	0	0	0	0	0	0	453
17:00	126	79	163	74	20	3	0	0	0	0	0	0	0	0	465
18:00	91	55	169	98	23	0	0	0	0	0	0	0	0	0	436
19:00	79	78	84	48	22	1	0	0	0	0	0	0	0	0	312
20:00	50	86	125	61	11	1	0	0	0	0	0	0	0	0	334
21:00	49	63	108	73	17	2	0	0	0	0	0	0	0	0	312
22:00	42	60	103	65	17	2	0	0	0	0	0	0	0	0	289
23:00	44	50	105	68	12	2	0	0	0	0	0	0	0	0	281
Total	2345	1295	1689	942	247	37	5	0	0	0	0	0	0	0	6560

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

100 Block of Florida Ave NW Speed

SE Bound

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	16	34	76	38	6	2	0	0	0	0	0	0	0	0	172
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	16	34	76	38	6	2	0	0	0	0	0	0	0	0	172
Grand Total	2361	1329	1765	980	253	39	5	0	0	0	0	0	0	0	6732

15th Percentile : 6 MPH
50th Percentile : 14 MPH
85th Percentile : 24 MPH
95th Percentile : 29 MPH

Stats
Mean Speed(Average) : 16 MPH
10 MPH Pace Speed : 6-15 MPH
Number in Pace : 2876
Percent in Pace : 42.7%
Number of Vehicles > 25 MPH : 994
Percent of Vehicles > 25 MPH : 14.8%

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

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100 Block of Florida Ave NW Volume

Start Time	04-Nov-13 Mon	NW Bound		SE Bound		Combined		05-Nov-13 Tue	NW Bound		SE Bound		Combined	
		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00		*	131	*	73	*	204		34	*	58	*	92	*
12:15		*	95	*	93	*	188		28	*	52	*	80	*
12:30		*	101	*	83	*	184		25	*	38	*	63	*
12:45		*	104	*	85	*	189		23	*	24	*	47	*
01:00		27	92	39	93	66	185		*	*	*	*	*	*
01:15		14	92	30	92	44	184		*	*	*	*	*	*
01:30		22	93	22	87	44	180		*	*	*	*	*	*
01:45		18	90	20	84	38	174		*	*	*	*	*	*
02:00		17	108	23	97	40	205		*	*	*	*	*	*
02:15		22	98	31	99	53	197		*	*	*	*	*	*
02:30		26	90	19	104	45	194		*	*	*	*	*	*
02:45		10	103	17	102	27	205		*	*	*	*	*	*
03:00		15	101	13	95	28	196		*	*	*	*	*	*
03:15		9	94	13	107	22	201		*	*	*	*	*	*
03:30		19	79	6	102	25	181		*	*	*	*	*	*
03:45		16	91	13	103	29	194		*	*	*	*	*	*
04:00		13	95	10	114	23	209		*	*	*	*	*	*
04:15		15	78	10	118	25	196		*	*	*	*	*	*
04:30		32	71	14	105	46	176		*	*	*	*	*	*
04:45		37	68	11	116	48	184		*	*	*	*	*	*
05:00		35	73	17	128	52	201		*	*	*	*	*	*
05:15		56	58	30	118	86	176		*	*	*	*	*	*
05:30		77	65	39	96	116	161		*	*	*	*	*	*
05:45		64	95	33	123	97	218		*	*	*	*	*	*
06:00		67	69	58	113	125	182		*	*	*	*	*	*
06:15		115	96	58	117	173	213		*	*	*	*	*	*
06:30		116	90	68	103	184	193		*	*	*	*	*	*
06:45		101	83	67	103	168	186		*	*	*	*	*	*
07:00		77	87	74	62	151	149		*	*	*	*	*	*
07:15		91	101	77	87	168	188		*	*	*	*	*	*
07:30		69	99	71	89	140	188		*	*	*	*	*	*
07:45		87	94	45	74	132	168		*	*	*	*	*	*
08:00		59	75	61	87	120	162		*	*	*	*	*	*
08:15		72	73	78	86	150	159		*	*	*	*	*	*
08:30		80	63	67	81	147	144		*	*	*	*	*	*
08:45		82	65	79	80	161	145		*	*	*	*	*	*
09:00		75	57	74	84	149	141		*	*	*	*	*	*
09:15		85	48	96	79	181	127		*	*	*	*	*	*
09:30		111	63	76	67	187	130		*	*	*	*	*	*
09:45		108	57	70	82	178	139		*	*	*	*	*	*
10:00		105	49	67	75	172	124		*	*	*	*	*	*
10:15		135	61	87	85	222	146		*	*	*	*	*	*
10:30		108	68	69	59	177	127		*	*	*	*	*	*
10:45		112	47	85	70	197	117		*	*	*	*	*	*
11:00		116	42	84	76	200	118		*	*	*	*	*	*
11:15		121	35	81	64	202	99		*	*	*	*	*	*
11:30		105	25	89	72	194	97		*	*	*	*	*	*
11:45		104	35	88	69	192	104		*	*	*	*	*	*
Total		2845	3747	2179	4381	5024	8128		110	0	172	0	282	0
Day Total		6592		6560		13152			110	0.0%	172	0.0%	282	
% Total		21.6%	28.5%	16.6%	33.3%				39.0%		61.0%			
Peak		10:15	12:00	11:00	04:15	10:15	05:45		12:00		12:00		12:00	
Vol.		471	431	342	467	796	806		110		172		282	
P.H.F.		0.872	0.823	0.961	0.912	0.896	0.924		0.809		0.741		0.766	
ADT		ADT 13,434		AADT 13,434										

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

100 Block of Florida Ave NW Volume

Start Time	04-Nov-13 Mon	NW Bound		SE Bound		Combined		05-Nov- Tue	NW Bound		SE Bound		Combined	
		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00		*	131	*	73	*	204		34	*	58	*	92	*
12:15		*	95	*	93	*	188		28	*	52	*	80	*
12:30		*	101	*	83	*	184		25	*	38	*	63	*
12:45		*	104	*	85	*	189		23	*	24	*	47	*
01:00		27	92	39	93	66	185		*	*	*	*	*	*
01:15		14	92	30	92	44	184		*	*	*	*	*	*
01:30		22	93	22	87	44	180		*	*	*	*	*	*
01:45		18	90	20	84	38	174		*	*	*	*	*	*
02:00		17	108	23	97	40	205		*	*	*	*	*	*
02:15		22	98	31	99	53	197		*	*	*	*	*	*
02:30		26	90	19	104	45	194		*	*	*	*	*	*
02:45		10	103	17	102	27	205		*	*	*	*	*	*
03:00		15	101	13	95	28	196		*	*	*	*	*	*
03:15		9	94	13	107	22	201		*	*	*	*	*	*
03:30		19	79	6	102	25	181		*	*	*	*	*	*
03:45		16	91	13	103	29	194		*	*	*	*	*	*
04:00		13	95	10	114	23	209		*	*	*	*	*	*
04:15		15	78	10	118	25	196		*	*	*	*	*	*
04:30		32	71	14	105	46	176		*	*	*	*	*	*
04:45		37	68	11	116	48	184		*	*	*	*	*	*
05:00		35	73	17	128	52	201		*	*	*	*	*	*
05:15		56	58	30	118	86	176		*	*	*	*	*	*
05:30		77	65	39	96	116	161		*	*	*	*	*	*
05:45		64	95	33	123	97	218		*	*	*	*	*	*
06:00		67	69	58	113	125	182		*	*	*	*	*	*
06:15		115	96	58	117	173	213		*	*	*	*	*	*
06:30		116	90	68	103	184	193		*	*	*	*	*	*
06:45		101	83	67	103	168	186		*	*	*	*	*	*
07:00		77	87	74	62	151	149		*	*	*	*	*	*
07:15		91	101	77	87	168	188		*	*	*	*	*	*
07:30		69	99	71	89	140	188		*	*	*	*	*	*
07:45		87	94	45	74	132	168		*	*	*	*	*	*
08:00		59	75	61	87	120	162		*	*	*	*	*	*
08:15		72	73	78	86	150	159		*	*	*	*	*	*
08:30		80	63	67	81	147	144		*	*	*	*	*	*
08:45		82	65	79	80	161	145		*	*	*	*	*	*
09:00		75	57	74	84	149	141		*	*	*	*	*	*
09:15		85	48	96	79	181	127		*	*	*	*	*	*
09:30		111	63	76	67	187	130		*	*	*	*	*	*
09:45		108	57	70	82	178	139		*	*	*	*	*	*
10:00		105	49	67	75	172	124		*	*	*	*	*	*
10:15		135	61	87	85	222	146		*	*	*	*	*	*
10:30		108	68	69	59	177	127		*	*	*	*	*	*
10:45		112	47	85	70	197	117		*	*	*	*	*	*
11:00		116	42	84	76	200	118		*	*	*	*	*	*
11:15		121	35	81	64	202	99		*	*	*	*	*	*
11:30		105	25	89	72	194	97		*	*	*	*	*	*
11:45		104	35	88	69	192	104		*	*	*	*	*	*
Total		2845	3747	2179	4381	5024	8128		110	0	172	0	282	0
Day Total		6592		6560		13152			110	0.0%	172	0.0%	282	
% Total		21.6%	28.5%	16.6%	33.3%				39.0%		61.0%			
Peak		10:15	12:00	11:00	04:15	10:15	05:45		12:00		12:00		12:00	
Vol.		471	431	342	467	796	806		110		172		282	
P.H.F.		0.872	0.823	0.961	0.912	0.896	0.924		0.809		0.741		0.766	
ADT		ADT 13,434		AADT 13,434										

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: FLORIDA AVE,NW,NE From R ST (WEST),NW TO QUINCY PL,NW

Time Period Covered: From 01/01/2010 To 12/31/2012

Prepared By: Rahul Jain

Prepared Date: 9/15/2013

Total Number of Accident:	539	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	3	Right Angle:	50	9.3%	Fixed Object:	12	2.2%
Total Number of Injuries:	264	Left Turn:	55	10.2%	Ran Off Road:	1	0.2%
Total Number of Disabling Injuries:	16	Right Turn:	32	5.9%	Ped. Involved:	37	6.9%
Total Number of NonDisabling Injuries:	45	Rear End:	151	28.0%	Backing:	13	2.4%
Total Number of Pedestrians Involved:	34	Side Swiped:	112	20.8%	Non Collision:	7	1.3%
Total Number of Bicycles Involved:	34	Head On:	18	3.3%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	11	Parked:	19	3.5%	Unspecified:	32	5.9%

Time of Day	#ACC	%	Day o fweek	#ACC	%
07:30 ~ 09:30:	44	8.2%	Sunday:	83	15.4%
09:30 ~ 11:30:	36	6.7%	Monday:	61	11.3%
11:30 ~ 13:30:	45	8.3%	Tuesday:	60	11.1%
13:30 ~ 16:00:	77	14.3%	Wednesday:	71	13.2%
16:00 ~18:30:	62	11.5%	Thursday:	72	13.4%
18:30 ~ 07:30:	275	51.0%	Friday:	84	15.6%
Unspecified:	0	0.0%	Saturday:	108	20.0%

Weather Condition	#ACC	%	Surface Condition	#ACC	%
Clear:	455	84.4%	Dry:	443	82.2%
Rain:	55	10.2%	Wet:	67	12.4%
Snow:	5	0.9%	Snow/Ice:	4	0.7%
Sleet/Hail:	0	0.0%	Slush:	1	0.2%
Fog/Mist:	4	0.7%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	3	0.6%	Repairing:	3	0.6%
Unspecified:	17	3.2%	Unspecified:	21	3.9%

Type of Vehicle	#VEH	%	Accident Severity Type	#ACC	%
Passenger Car:	714	68.3%	Fatal Collision:	3	0.6%
Bus:	41	3.9%	Injury Collision:	191	35.4%
Truck:	72	6.9%	PDO Collision:	345	64.0%
Taxi:	77	7.4%	Light Condition	#ACC	%
Minivan:	0	0.0%	Daylight:	265	49.2%
Police/Emergency Vehicle:	13	1.2%	Dawn/Dusk:	11	2.0%
Motorcycle/Moped:	16	1.5%	Dark(Lighted):	236	43.8%
Bicycle:	34	3.3%	Dark(Not Lighted):	6	1.1%
Fixed Object:	0	0.0%	Dark(Unknown Lighting):	0	0.0%
Unspecified:	78	7.5%	Unspecified:	21	3.9%

Contributing Factor	#VEH	%	Pedestrian Actions	#ACC	%
Driver: Speed:	6	0.6%	In Crosswalk with Signal:	10	38.5%
Driver: Alcohol/Drug:	15	1.4%	In Crosswalk against Signal:	1	3.8%
Driver: Electronic Device:	3	0.3%	In Crosswalk no Signal:	3	11.5%
Driver: Others:	220	21.1%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	4	15.4%
Roadway:	9	0.9%	From Between Parked Cars:	0	0.0%
Unspecified:	792	75.8%	Unspecified:	8	30.8%

342 Records are not approved as of 9/15/2013 1:25:26 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: FLORIDA AVE,NW,NE From R ST (WEST),NW TO QUINCY PL,NW

Time Period Covered: From 11/13/2009 To 11/13/2011

Prepared By: Rahul Jain

Prepared Date: 11/18/201

Total Number of Accident:	355	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	1	Right Angle:	33	9.3%	Fixed Object:	6	1.7%
Total Number of Injuries:	168	Left Turn:	36	10.1%	Ran Off Road:	1	0.3%
Total Number of Disabling Injuries:	10	Right Turn:	19	5.4%	Ped. Involved:	24	6.8%
Total Number of NonDisabling Injuries:	36	Rear End:	98	27.6%	Backing:	11	3.1%
Total Number of Pedestrians Involved:	18	Side Swiped:	77	21.7%	Non Collision:	7	2.0%
Total Number of Bicycles Involved:	20	Head On:	14	3.9%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	7	Parked:	12	3.4%	Unspecified:	17	4.8%

Time of Day	#ACC	%	Day o fweek	#ACC	%
07:30 ~ 09:30:	31	8.7%	Sunday:	57	16.1%
09:30 ~ 11:30:	25	7.0%	Monday:	43	12.1%
11:30 ~ 13:30:	35	9.9%	Tuesday:	39	11.0%
13:30 ~ 16:00:	51	14.4%	Wednesday:	46	13.0%
16:00 ~18:30:	36	10.1%	Thursday:	40	11.3%
18:30 ~ 07:30:	177	49.9%	Friday:	56	15.8%
Unspecified:	0	0.0%	Saturday:	74	20.8%

Weather Condition	#ACC	%	Surface Condition	#ACC	%
Clear:	304	85.6%	Dry:	297	83.7%
Rain:	35	9.9%	Wet:	44	12.4%
Snow:	6	1.7%	Snow/Ice:	2	0.6%
Sleet/Hail:	0	0.0%	Slush:	2	0.6%
Fog/Mist:	3	0.8%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	1	0.3%	Repairing:	1	0.3%
Unspecified:	6	1.7%	Unspecified:	9	2.5%

Type of Vehicle	#VEH	%	Accident Severity Type	#ACC	%
Passenger Car:	474	69.7%	Fatal Collision:	1	0.3%
Bus:	22	3.2%	Injury Collision:	124	34.9%
Truck:	51	7.5%	PDO Collision:	230	64.8%
Taxi:	59	8.7%	Light Condition	#ACC	%
Minivan:	0	0.0%	Daylight:	181	51.0%
Police/Emergency Vehicle:	8	1.2%	Dawn/Dusk:	7	2.0%
Motorcycle/Moped:	11	1.6%	Dark(Lighted):	156	43.9%
Bicycle:	20	2.9%	Dark(Not Lighted):	3	0.8%
Fixed Object:	0	0.0%	Dark(Unknown Lighting):	0	0.0%
Unspecified:	35	5.1%	Unspecified:	8	2.3%

Contributing Factor	#VEH	%	Pedestrian Actions	#ACC	%
Driver: Speed:	4	0.6%	In Crosswalk with Signal:	7	46.7%
Driver: Alcohol/Drug:	11	1.6%	In Crosswalk against Signal:	0	0.0%
Driver: Electronic Device:	2	0.3%	In Crosswalk no Signal:	2	13.3%
Driver: Others:	156	22.9%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	2	13.3%
Roadway:	6	0.9%	From Between Parked Cars:	0	0.0%
Unspecified:	501	73.7%	Unspecified:	4	26.7%

206 Records are not approved as of 11/18/2013 3:42:32 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: FLORIDA AVE,NW,NE From R ST (WEST),NW TO QUINCY PL,NW

Time Period Covered: From 11/14/2011 To 11/14/2013

Prepared By: Rahul Jain

Prepared Date: 11/18/2013

Total Number of Accident:	352	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	2	Right Angle:	35	9.9%	Fixed Object:	7	2.0%
Total Number of Injuries:	182	Left Turn:	28	8.0%	Ran Off Road:	2	0.6%
Total Number of Disabling Injuries:	12	Right Turn:	21	6.0%	Ped. Involved:	25	7.1%
Total Number of NonDisabling Injuries:	22	Rear End:	100	28.4%	Backing:	7	2.0%
Total Number of Pedestrians Involved:	30	Side Swiped:	71	20.2%	Non Collision:	1	0.3%
Total Number of Bicycles Involved:	27	Head On:	13	3.7%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	8	Parked:	10	2.8%	Unspecified:	32	9.1%

Time of Day	#ACC	%	Day of week	#ACC	%
07:30 ~ 09:30:	31	8.8%	Sunday:	59	16.8%
09:30 ~ 11:30:	27	7.7%	Monday:	37	10.5%
11:30 ~ 13:30:	21	6.0%	Tuesday:	41	11.6%
13:30 ~ 16:00:	47	13.4%	Wednesday:	42	11.9%
16:00 ~ 18:30:	47	13.4%	Thursday:	50	14.2%
18:30 ~ 07:30:	179	50.9%	Friday:	64	18.2%
Unspecified:	0	0.0%	Saturday:	59	16.8%

Weather Condition	#ACC	%	Surface Condition	#ACC	%
Clear:	284	80.7%	Dry:	276	78.4%
Rain:	37	10.5%	Wet:	51	14.5%
Snow:	3	0.9%	Snow/Ice:	3	0.9%
Sleet/Hail:	1	0.3%	Slush:	1	0.3%
Fog/Mist:	4	1.1%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	2	0.6%	Repairing:	2	0.6%
Unspecified:	21	6.0%	Unspecified:	19	5.4%

Type of Vehicle	#VEH	%	Accident Severity Type	#ACC	%
Passenger Car:	472	68.1%	Fatal Collision:	2	0.6%
Bus:	31	4.5%	Injury Collision:	130	36.9%
Truck:	38	5.5%	PDO Collision:	220	62.5%
Taxi:	45	6.5%	Light Condition	#ACC	%
Minivan:	0	0.0%	Daylight:	168	47.7%
Police/Emergency Vehicle:	11	1.6%	Dawn/Dusk:	4	1.1%
Motorcycle/Moped:	11	1.6%	Dark(Lighted):	153	43.5%
Bicycle:	27	3.9%	Dark(Not Lighted):	5	1.4%
Fixed Object:	0	0.0%	Dark(Unknown Lighting):	0	0.0%
Unspecified:	58	8.4%	Unspecified:	22	6.3%

Contributing Factor	#VEH	%	Pedestrian Actions	#ACC	%
Driver: Speed:	5	0.7%	In Crosswalk with Signal:	8	33.3%
Driver: Alcohol/Drug:	8	1.2%	In Crosswalk against Signal:	3	12.5%
Driver: Electronic Device:	1	0.1%	In Crosswalk no Signal:	5	20.8%
Driver: Others:	144	20.8%	In Unmarked Crosswalk:	1	4.2%
Vehicle:	0	0.0%	Not in Crosswalk:	3	12.5%
Roadway:	8	1.2%	From Between Parked Cars:	0	0.0%
Unspecified:	527	76.0%	Unspecified:	4	16.7%

185 Records are not approved as of 11/18/2013 3:41:11 PM