



District Department of Transportation

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

Canal Road NW 0.3 Miles South of Arizona Avenue NW

Study Area and Location

District	PSA	Ward	ANC	Phase	Description
2	205	3	3D	Existing	Canal Road Northwest 0.3 Miles South Of Arizona Avenue Southbound



This existing speed camera is located in Ward 3 on Canal Road NW 0.3 miles south of Arizona Avenue Northwest in the southbound direction. Canal Road Northwest runs from Chain Bridge Road in the north to Whitehurst Freeway Northwest in the south. The posted speed limit is 40 MPH. This speed camera was installed on November 2011.

W3 - 108





District Department of Transportation

Canal Road NW 0.3 Miles South of Arizona Avenue NW

Field Assessment Summary

Canal Road is assumed to run in the North-South direction and is classified as a principal arterial. Canal Road has one travel lane in each direction. This site has the following characteristics:

- There is guardrail on both sides of the road. The existing pavement is in good condition.
- There are multiple bike trails in the area including one that runs parallel 100 feet from Canal Road.
- The Chesapeake and Ohio Canal National Historic Park on is located to the west.



Northbound



District Department of Transportation

Canal Road NW 0.3 Miles South of Arizona Avenue NW



Southbound

Speed Data Analysis

Posted Speed Limit (MPH)	40
Mean Speed (MPH)	23
85th Percentile Speed (MPH)	26
10 MPH Pace Speed	4-13
ADT	9,802

Both the Mean Speed and 85th Percentile Speed are lower than the posted speed limit at this site. The 85th percentile speed is much lower (13 MPH) than the posted speed limit.

Crash Data Analysis

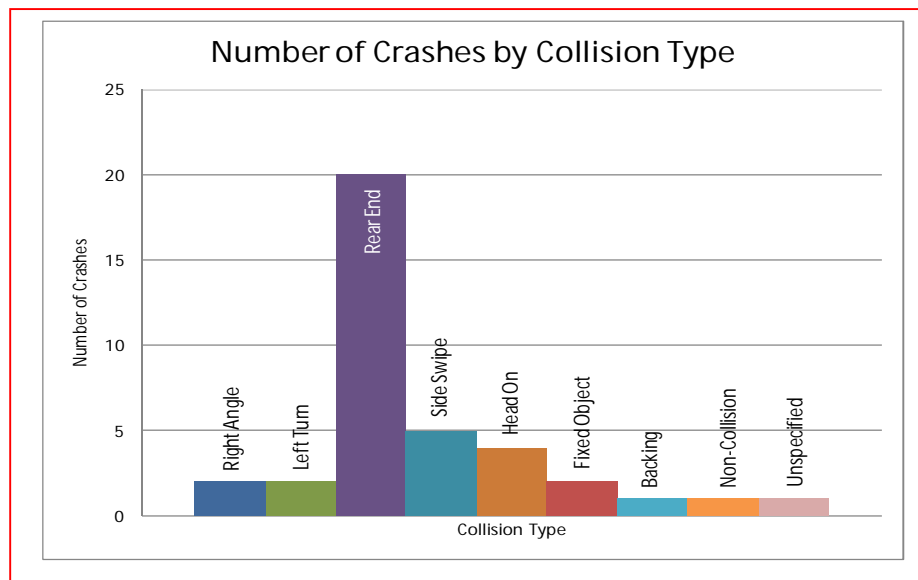
From the Accident Summary Report provided for the dates between January 1, 2010 and December 31, 2012, there were a total of 38 crashes at this location. A breakdown of collision type can be found in the chart on the next page. The most common type of crashes at this location was Rear End (20 crashes). The other collision types had less than five crashes or less. Furthermore, crash data shows the site experiences a high frequency of injury-related accidents.

W3 - 110



Canal Road NW 0.3 Miles South of Arizona Avenue NW

Severity			Weather			Surface condition			Light Condition		
Total	38										
Fatal	0	0.0%	Clear	35	92.1%	Dry	33	86.8%	Day	29	76.3%
Injury	14	36.8%	Rain	2	5.3%	Wet	3	7.9%	Night	7	18.4%
Truck	5	13.2%	Snow	0	0.0%	Snow/Ice	1	2.6%			
Taxi	1	2.6%									

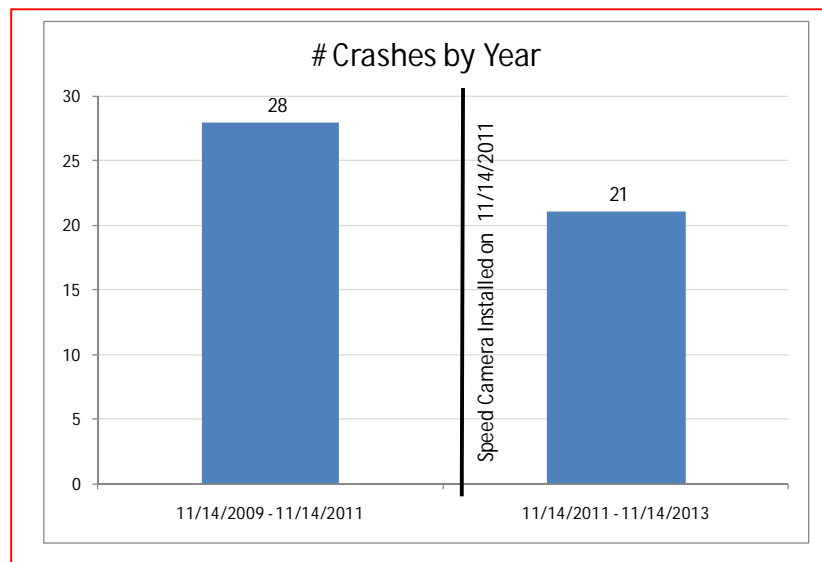


The speed camera was installed on 11-31-2011. The graph on the next page shows the number of crashes in the two years prior to the speed camera's installation (28 crashes) and the two years after the speed camera's installation (21 crashes). After the installation of the speed camera, the site experienced a decrease in total number of crashes and injury-related crashes.



District Department of Transportation

Canal Road NW 0.3 Miles South of Arizona Avenue NW



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 the travel speeds to be much lower than the posted speed limit.
2. Crash Data – There was an elevated number of speed-related crashes at this location, including Rear End collisions. There was a reduction in the number of crashes and in the number of injury-related crashes after installation of the speed camera.
3. Field Assessment – The following site characteristics suggest a need for a safer travel environment:
 - a. There are multiple bike trails in the area including one that runs parallel 100 feet from Canal Road.
 - b. The Chesapeake and Ohio Canal National Historic Park on is located to the west.

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, the reduction in the number of injury-related crashes since camera installation, and the specific site characteristics, there is a nexus between traffic safety and the speed camera at this location.

W3 - 112

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

Canal Rd NW .3 m S/O Arizona Ave Speed

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
11/07/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	13	0	0	0	0	1	0	0	0	0	0	0	1	3	18
05:00	43	1	0	0	1	0	2	0	0	1	1	0	4	9	62
06:00	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
07:00	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
08:00	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17
09:00	16	1	0	0	0	0	0	0	0	0	0	0	0	0	17
10:00	104	3	0	0	0	0	1	7	11	9	12	11	12	45	215
11:00	131	0	0	1	5	2	4	6	18	23	38	31	24	102	385
12 PM	99	0	0	0	0	1	9	22	36	28	47	57	48	170	517
13:00	75	0	2	1	7	8	30	24	47	40	52	73	55	189	603
14:00	315	104	80	56	32	13	8	8	15	18	21	23	24	123	840
15:00	109	0	1	0	2	4	4	5	19	53	58	104	118	1020	1497
16:00	140	9	3	8	18	26	23	47	65	77	100	106	122	917	1661
17:00	192	18	27	58	81	81	82	106	94	89	93	74	78	382	1455
18:00	95	1	0	6	4	3	23	37	51	76	123	114	135	791	1459
19:00	406	77	12	3	6	8	21	19	28	43	35	29	19	51	757
20:00	92	38	3	0	0	2	17	28	46	75	67	76	55	153	652
21:00	13	0	0	0	0	7	38	52	56	73	76	74	72	143	604
22:00	12	0	0	0	0	5	14	41	52	81	69	84	51	159	568
23:00	5	0	0	0	0	4	6	8	7	8	18	33	27	132	248
Total	1921	252	128	133	156	165	282	410	545	694	810	889	845	4389	11619

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NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
11/08/13	1	0	0	0	0	0	0	0	1	5	10	16	13	76	122
01:00	3	0	0	0	0	2	0	0	3	4	3	2	9	47	73
02:00	7	0	0	0	0	1	0	2	4	2	0	4	3	66	89
03:00	7	0	0	0	0	0	0	0	0	1	2	3	2	11	26
04:00	8	0	0	0	0	0	0	0	0	0	0	0	2	3	13
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	26	0	0	0	0	3	0	2	8	12	15	25	29	203	323
Grand Total	1947	252	128	133	156	168	282	412	553	706	825	914	874	4592	11942

15th Percentile : 6 MPH
 50th Percentile : 36 MPH
 85th Percentile : 65 MPH
 95th Percentile : 70 MPH

Stats
 Mean Speed(Average) : 36 MPH
 10 MPH Pace Speed : 4-13 MPH
 Number in Pace : 2453
 Percent in Pace : 33.4%
 Number of Vehicles > 40 MPH : 3557
 Percent of Vehicles > 40 MPH : 48.4%

SAMMAT ENGINEERING SERVICES, LLC

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www.sammateng.com

Canal Rd NW .3 m S/O Arizona Ave Speed

SB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	
11/07/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	8	7	55	31	0	0	0	0	0	0	0	0	0	0	101
05:00	7	8	495	157	0	0	0	0	0	0	0	0	0	0	667
06:00	22	13	731	471	1	0	0	0	0	0	0	0	0	0	1238
07:00	31	15	1213	323	2	0	0	0	0	0	0	0	0	0	1584
08:00	34	30	1058	473	1	0	0	0	0	0	0	0	0	0	1596
09:00	16	2	954	366	3	0	0	0	0	0	0	0	0	0	1341
10:00	24	24	510	70	0	0	0	0	0	0	0	0	0	0	628
11:00	29	26	414	49	0	0	0	0	0	0	0	0	0	0	518
12 PM	20	32	356	43	0	0	0	0	0	0	0	0	0	0	451
13:00	28	5	353	53	0	0	0	0	0	0	0	0	0	0	439
14:00	37	4	132	18	0	0	0	0	0	0	0	0	0	0	191
15:00	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16
16:00	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
17:00	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
18:00	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
19:00	46	5	88	6	0	0	0	0	0	0	0	0	0	0	145
20:00	17	4	157	28	0	0	0	0	0	0	0	0	0	0	206
21:00	15	6	140	38	0	0	0	0	0	0	0	1	0	0	200
22:00	9	2	115	38	0	0	0	0	0	0	0	0	0	0	164
23:00	4	0	65	23	3	0	0	0	0	0	0	0	0	0	95
Total	411	183	6836	2187	10	0	0	0	0	0	0	1	0	0	9628

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SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
11/08/13	1	0	27	21	0	0	0	0	0	0	0	0	0	0	49
01:00	1	0	8	6	0	0	0	0	0	0	0	0	0	0	15
02:00	2	1	7	8	0	0	0	0	0	0	0	0	0	0	18
03:00	1	0	35	13	0	0	0	0	0	0	0	0	0	0	49
04:00	0	1	30	12	0	0	0	0	0	0	0	0	0	0	43
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	5	2	107	60	0	0	0	0	0	0	0	0	0	0	174
Grand Total	416	185	6943	2247	10	0	0	0	0	0	0	1	0	0	9802

15th Percentile : 19 MPH
 50th Percentile : 22 MPH
 85th Percentile : 26 MPH
 95th Percentile : 29 MPH

Stats
 Mean Speed(Average) : 23 MPH
 10 MPH Pace Speed : 20-29 MPH
 Number in Pace : 8068
 Percent in Pace : 82.3%
 Number of Vehicles > 40 MPH : 1
 Percent of Vehicles > 40 MPH : 0.0%

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammatteng.com

Canal Rd NW .3 m S/O Arizona Ave Volume

Start Time	07-Nov-13		NB			SB		Combined		08-Nov-		NB			SB		Combined	
	Thu		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		Fri	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00		*	106	*	119	*	225			46	*	19	*	65	*	*		
12:15		*	112	*	110	*	222			27	*	9	*	36	*	*		
12:30		*	157	*	114	*	271			26	*	11	*	37	*	*		
12:45		*	142	*	108	*	250			23	*	10	*	33	*	*		
01:00		*	119	*	111	*	230			10	*	3	*	13	*	*		
01:15		*	155	*	102	*	257			16	*	4	*	20	*	*		
01:30		*	168	*	117	*	285			26	*	3	*	29	*	*		
01:45		*	161	*	109	*	270			21	*	5	*	26	*	*		
02:00		*	214	*	85	*	299			25	*	2	*	27	*	*		
02:15		*	178	*	67	*	245			19	*	5	*	24	*	*		
02:30		*	195	*	31	*	226			17	*	6	*	23	*	*		
02:45		*	253	*	8	*	261			28	*	5	*	33	*	*		
03:00		*	343	*	2	*	345			12	*	6	*	18	*	*		
03:15		*	349	*	4	*	353			3	*	11	*	14	*	*		
03:30		*	403	*	5	*	408			6	*	14	*	20	*	*		
03:45		*	402	*	5	*	407			5	*	18	*	23	*	*		
04:00		*	407	*	9	*	416			8	*	24	*	32	*	*		
04:15		*	413	*	3	*	416			5	*	19	*	24	*	*		
04:30		7	418	25	3	32	421			*	*	*	*	*	*	*		
04:45		11	423	76	6	87	429			*	*	*	*	*	*	*		
05:00		16	405	116	5	132	410			*	*	*	*	*	*	*		
05:15		17	319	166	7	183	326			*	*	*	*	*	*	*		
05:30		12	364	194	3	206	367			*	*	*	*	*	*	*		
05:45		17	367	191	5	208	372			*	*	*	*	*	*	*		
06:00		2	380	235	1	237	381			*	*	*	*	*	*	*		
06:15		4	384	308	1	312	385			*	*	*	*	*	*	*		
06:30		4	369	338	2	342	371			*	*	*	*	*	*	*		
06:45		8	326	357	3	365	329			*	*	*	*	*	*	*		
07:00		7	262	395	10	402	272			*	*	*	*	*	*	*		
07:15		3	169	420	45	423	214			*	*	*	*	*	*	*		
07:30		11	194	367	46	378	240			*	*	*	*	*	*	*		
07:45		5	132	402	44	407	176			*	*	*	*	*	*	*		
08:00		4	182	375	57	379	239			*	*	*	*	*	*	*		
08:15		4	171	432	38	436	209			*	*	*	*	*	*	*		
08:30		4	138	431	53	435	191			*	*	*	*	*	*	*		
08:45		5	161	358	58	363	219			*	*	*	*	*	*	*		
09:00		5	157	402	55	407	212			*	*	*	*	*	*	*		
09:15		7	168	365	46	372	214			*	*	*	*	*	*	*		
09:30		4	148	327	51	331	199			*	*	*	*	*	*	*		
09:45		1	131	247	48	248	179			*	*	*	*	*	*	*		
10:00		10	174	209	43	219	217			*	*	*	*	*	*	*		
10:15		64	177	154	41	218	218			*	*	*	*	*	*	*		
10:30		64	134	139	41	203	175			*	*	*	*	*	*	*		
10:45		77	83	126	39	203	122			*	*	*	*	*	*	*		
11:00		82	74	137	28	219	102			*	*	*	*	*	*	*		
11:15		111	57	133	23	244	80			*	*	*	*	*	*	*		
11:30		95	64	121	17	216	81			*	*	*	*	*	*	*		
11:45		97	53	127	27	224	80			*	*	*	*	*	*	*		
Total		758	10861	7673	1955	8431	12816			323	0	174	0	497	0			
Day Total		11619		9628		21247				323		174		497				
% Total		3.6%	51.1%	36.1%	9.2%					65.0%	0.0%	35.0%	0.0%					
Peak		11:00	04:00	07:45	12:00	07:45	04:00			12:00		03:30		12:00				
Vol.		385	1661	1640	451	1657	1682			122		75		171				
P.H.F.		0.867	0.982	0.949	0.947	0.950	0.980			0.663		0.781		0.658				

ADT ADT 21,744 AADT 21,744

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: CANAL RD,NW From ARIZONA AVE,NW TO RESERVOIR RD,NW

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

Prepared Date: 9/15/2013

		Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Accident:	38	Right Angle:	2	5.3%	Fixed Object:	2	5.3%
Total Number of Fatalities:	0	Left Turn:	0	0.0%	Ran Off Road:	0	0.0%
Total Number of Injuries:	22	Right Turn:	2	5.3%	Ped. Involved:	0	0.0%
Total Number of Disabling Injuries:	1	Rear End:	20	52.6%	Backing:	1	2.6%
Total Number of NonDisabling Injuries:	3	Side Swiped:	5	13.2%	Non Collision:	1	2.6%
Total Number of Pedestrians Involved:	0	Head On:	4	10.5%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	0	Parked:	0	0.0%	Unspecified:	1	2.6%
Total Number of Motorcycles Involved:	0						

Time of Day	#ACC	%	Day of week	#ACC	%
07:30 ~ 09:30:	2	5.3%	Sunday:	5	13.2%
09:30 ~ 11:30:	6	15.8%	Monday:	13	34.2%
11:30 ~ 13:30:	6	15.8%	Tuesday:	2	5.3%
13:30 ~ 16:00:	9	23.7%	Wednesday:	3	7.9%
16:00 ~ 18:30:	6	15.8%	Thursday:	6	15.8%
18:30 ~ 07:30:	9	23.7%	Friday:	6	15.8%
Unspecified:	0	0.0%	Saturday:	3	7.9%

Weather Condition	#ACC	%	Surface Condition	#ACC	%
Clear:	35	92.1%	Dry:	33	86.8%
Rain:	2	5.3%	Wet:	3	7.9%
Snow:	0	0.0%	Snow/Ice:	1	2.6%
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	2.6%	Unspecified:	1	2.6%

Type of Vehicle	#VEH	%	Accident Severity Type	#ACC	%
Passenger Car:	75	91.5%	Fatal Collision:	0	0.0%
Bus:	0	0.0%	Injury Collision:	14	36.8%
Truck:	5	6.1%	PDO Collision:	24	63.2%
Taxi:	1	1.2%			
Minivan:	0	0.0%	Light Condition	#ACC	%
Police/Emergency Vehicle:	1	1.2%	Daylight:	29	76.3%
Motorcycle/Moped:	0	0.0%	Dawn/Dusk:	2	5.3%
Bicycle:	0	0.0%	Dark(Lighted):	7	18.4%
Fixed Object:	0	0.0%	Dark(Not Lighted):	0	0.0%
Unspecified:	0	0.0%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	0	0.0%

Contributing Factor	#VEH	%	Pedestrian Actions	#ACC	%
Driver: Speed:	1	1.2%	In Crosswalk with Signal:	0	0.0%
Driver: Alcohol/Drug:	1	1.2%	In Crosswalk against Signal:	0	0.0%
Driver: Electronic Device:	0	0.0%	In Crosswalk no Signal:	0	0.0%
Driver: Others:	15	18.3%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	0	0.0%
Roadway:	2	2.4%	From Between Parked Cars:	0	0.0%
Unspecified:	63	76.8%	Unspecified:	0	0.0%

24 Records are not approved as of 9/15/2013 12:13:48 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: CANAL RD,NW From ARIZONA AVE,NW TO RESERVOIR RD,NW

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

Prepared By: Rahul Jain

Prepared Date: 11/18/2011

		Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Accident:	28	Right Angle:	1	3.6%	Fixed Object:	2	7.1%
Total Number of Fatalities:	0	Left Turn:	0	0.0%	Ran Off Road:	0	0.0%
Total Number of Injuries:	17	Right Turn:	1	3.6%	Ped. Involved:	0	0.0%
Total Number of Disabling Injuries:	1	Rear End:	14	50.0%	Backing:	1	3.6%
Total Number of NonDisabling Injuries:	3	Side Swiped:	3	10.7%	Non Collision:	1	3.6%
Total Number of Pedestrians Involved:	0	Head On:	3	10.7%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	0	Parked:	0	0.0%	Unspecified:	2	7.1%
Total Number of Motorcycles Involved:	0						

Time of Day	#ACC	%	Day of week	#ACC	%
07:30 ~ 09:30:	3	10.7%	Sunday:	3	10.7%
09:30 ~ 11:30:	5	17.9%	Monday:	8	28.6%
11:30 ~ 13:30:	2	7.1%	Tuesday:	3	10.7%
13:30 ~ 16:00:	5	17.9%	Wednesday:	1	3.6%
16:00 ~ 18:30:	4	14.3%	Thursday:	6	21.4%
18:30 ~ 07:30:	9	32.1%	Friday:	6	21.4%
Unspecified:	0	0.0%	Saturday:	1	3.6%

Weather Condition	#ACC	%	Surface Condition	#ACC	%
Clear:	25	89.3%	Dry:	21	75.0%
Rain:	2	7.1%	Wet:	3	10.7%
Snow:	0	0.0%	Snow/Ice:	3	10.7%
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	3.6%	Unspecified:	1	3.6%

Type of Vehicle	#VEH	%	Accident Severity Type	#ACC	%
Passenger Car:	55	93.2%	Fatal Collision:	0	0.0%
Bus:	0	0.0%	Injury Collision:	10	35.7%
Truck:	2	3.4%	PDO Collision:	18	64.3%
Taxi:	1	1.7%			
Minivan:	0	0.0%	Light Condition	#ACC	%
Police/Emergency Vehicle:	1	1.7%	Daylight:	19	67.9%
Motorcycle/Moped:	0	0.0%	Dawn/Dusk:	3	10.7%
Bicycle:	0	0.0%	Dark(Lighted):	5	17.9%
Fixed Object:	0	0.0%	Dark(Not Lighted):	0	0.0%
Unspecified:	0	0.0%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	1	3.6%

Contributing Factor	#VEH	%	Pedestrian Actions	#ACC	%
Driver: Speed:	1	1.7%	In Crosswalk with Signal:	0	0.0%
Driver: Alcohol/Drug:	1	1.7%	In Crosswalk against Signal:	0	0.0%
Driver: Electronic Device:	0	0.0%	In Crosswalk no Signal:	0	0.0%
Driver: Others:	10	16.9%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	0	0.0%
Roadway:	2	3.4%	From Between Parked Cars:	0	0.0%
Unspecified:	45	76.3%	Unspecified:	0	0.0%

19 Records are not approved as of 11/18/2013 3:47:04 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: CANAL RD,NW From ARIZONA AVE,NW TO RESERVOIR RD,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:	21	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	0	Right Angle:	1	4.8%	Fixed Object:	1	4.8%
Total Number of Injuries:	7	Left Turn:	0	0.0%	Ran Off Road:	0	0.0%
Total Number of Disabling Injuries:	0	Right Turn:	1	4.8%	Ped. Involved:	0	0.0%
Total Number of NonDisabling Injuries:	0	Rear End:	10	47.6%	Backing:	0	0.0%
Total Number of Pedestrians Involved:	0	Side Swiped:	6	28.6%	Non Collision:	0	0.0%
Total Number of Bicycles Involved:	1	Head On:	2	9.5%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	0	Parked:	0	0.0%	Unspecified:	0	0.0%
Time of Day				#ACC	%	Day of week	
07:30 ~ 09:30:				1	4.8%	Sunday:	
09:30 ~ 11:30:				3	14.3%	Monday:	
11:30 ~ 13:30:				4	19.0%	Tuesday:	
13:30 ~ 16:00:				6	28.6%	Wednesday:	
16:00 ~ 18:30:				4	19.0%	Thursday:	
18:30 ~ 07:30:				3	14.3%	Friday:	
Unspecified:				0	0.0%	Saturday:	
Weather Condition				#ACC	%	Surface Condition	
Clear:				19	90.5%	Dry:	
Rain:				1	4.8%	Wet:	
Snow:				0	0.0%	Snow/Ice:	
Sleet/Hail:				0	0.0%	Slush:	
Fog/Mist:				0	0.0%	Water/Sand:	
Crosswind/Blowing Sand:				0	0.0%	Repairing:	
Unspecified:				1	4.8%	Unspecified:	
Type of Vehicle				#VEH	%	Accident Severity Type	
Passenger Car:				37	86.0%	Fatal Collision:	
Bus:				0	0.0%	Injury Collision:	
Truck:				4	9.3%	PDO Collision:	
Taxi:				1	2.3%		
Minivan:				0	0.0%	Light Condition	
Police/Emergency Vehicle:				0	0.0%	Daylight:	
Motorcycle/Moped:				0	0.0%	Dawn/Dusk:	
Bicycle:				1	2.3%	Dark(Lighted):	
Fixed Object:				0	0.0%	Dark(Not Lighted):	
Unspecified:				0	0.0%	Dark(Unknown Lighting):	
						Unspecified:	
Contributing Factor				#VEH	%	Pedestrian Actions	
Driver: Speed:				0	0.0%	In Crosswalk with Signal:	
Driver: Alcohol/Drug:				0	0.0%	In Crosswalk against Signal:	
Driver: Electronic Device:				0	0.0%	In Crosswalk no Signal:	
Driver: Others:				8	18.6%	In Unmarked Crosswalk:	
Vehicle:				0	0.0%	Not in Crosswalk:	
Roadway:				0	0.0%	From Between Parked Cars:	
Unspecified:				35	81.4%	Unspecified:	

7 Records are not approved as of 11/18/2013 3:48:20 PM