



District Department of Transportation

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

1900 Block Southern Avenue SE

Study Area and Location

District	PSA	Ward	ANC	Phase	Description
7	704	8	8E	Existing	1900 Block Southern Avenue Southeast Northeast-bound



The existing speed camera is located in Ward 8 at the 1900 block of Southern Avenue Southeast in the northeastbound direction. Southern Avenue runs between 63rd Street Northeast to the north and South Capitol Street Southwest to the south. The posted speed limit is 30 MPH. The speed camera was installed on July 2012.

W8 - 25



District Department of Transportation

55 M Street, SE, Suite 400

Washington, DC 20003



District Department of Transportation

1900 Block Southern Avenue SE

Field Assessment Summary

Southern Avenue is assumed to run in a northeast-southwest direction and is classified as a minor arterial. Southern 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 in the surrounding area.
- There is one school in the area: Washington Middle School for Girls.
- There is one bus stop on the southeast side of the street and others in the surrounding area. There is also a Metrorail station on the southeast side of the block.
- There is sidewalk on both sides of the street with a grass buffer, and curb and gutter.
- There is a concrete median in the middle of the street.



Looking Southbound



District Department of Transportation

1900 Block Southern Avenue SE



Looking Northbound

Speed Data Analysis

Posted Speed Limit (MPH)	30
Mean Speed (MPH)	27
85th Percentile Speed (MPH)	37
10 MPH Pace Speed (MPH)	28-37
ADT	6,734

The mean speed is lower than the posted speed limit by 3 MPH and the 85th percentile speed is higher than the posted speed by 7 MPH at this location.

Crash Data Analysis

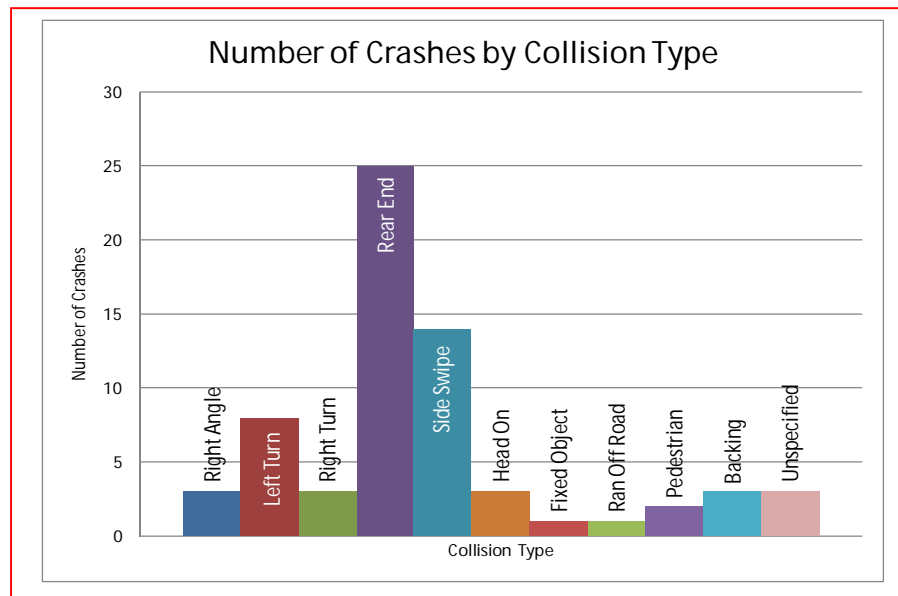
From the Accident Summary Report provided for the dates between January 1, 2010 and December 31, 2012, there were a total of 66 crashes at this location. A breakdown of number of crashes by collision type can be found in the chart on the next page. The most common types of collision at this location were Rear End (25 crashes), Side Swipe (14 crashes), and Left Turn (8 crashes). The other collision types had 3 crashes or less each. Furthermore, this site experienced a high frequency (18 crashes) of injury-related crashes.



District Department of Transportation

1900 Block Southern Avenue SE

Severity			Weather			Surface condition			Light Condition		
Total	66										
Fatal	1	1.5%	Clear	58	87.9%	Dry	57	86.4%	Day	33	50.0%
Injury	18	27.3%	Rain	4	6.1%	Wet	5	7.6%	Night	26	39.4%
Bus	4	6.1%	Fog/Mist	1	1.5%	Repairing	1	1.5%			
Police/EMS	4	6.1%									



There were an elevated number of speed-related crashes at this location including Rear End and 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” as two errors leading to Rear-End and Side Swipe crashes.¹ Both of these errors can be reduced 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 July 31, 2012. The graph on the next page shows the number of crashes in the 3 years prior to the speed camera’s installation (68 crashes) and a year after the speed camera’s installation (15 crashes). There was a decrease in the number of crashes after the installation of the camera. There were 18 injuries and one fatal crash in the 3 years prior to installing the camera, and nine injuries and

¹ AASHTO, *Highway Safety Manual*, 1st Edition, 2010; Volume 1, pages 2-13.

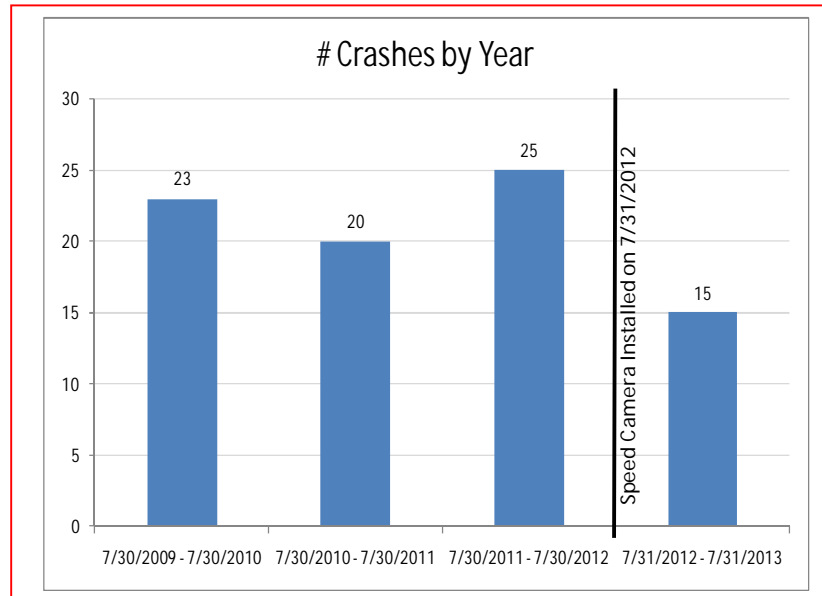
² AASHTO, *Highway Safety Manual*, 1st Edition, 2010; Volume 1, pages 2-14.



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1900 Block Southern Avenue SE

no fatal crashes in the one year after installing the speed camera. The number of injuries decreased by half and the fatal crashes remained unchanged after the installation.



The Southern Avenue Corridor is listed as one of the Top 10 high frequency crash corridors from 2009 to 2011, according to the *Traffic Safety Statistics Report for the District of Columbia (2009-2011)*.³

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 85th percentile speed is much higher than the 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 crashes, as well as a high frequency (18 crashes) of injury-related crashes. There was a decrease in the number of crashes following installation of the camera. The Southern Avenue Corridor is listed as one of the Top 10 high frequency crash corridors from 2009 to 2011.
3. Field Assessment – The following site characteristics suggest a need for a safer travel environment:
 - a. This site is located in a residential area with houses and apartments in the surrounding area.
 - b. There is one school in the area: Washington Middle School for Girls.
 - c. There are multiple bus stops and one metro stop in the area which generate pedestrian activity.

³ DDOT, *Traffic Safety Statistics Report for the District of Columbia (2009-2011)*, page 80.



District Department of Transportation

1900 Block Southern Avenue SE

Due to the speed data analysis, 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.

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

1900 Block of Southern Ave SE, NEB Speed

NEB															
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
12/11/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	29	0	22	64	39	16	3	0	0	0	0	0	0	0	173
21:00	43	1	22	72	100	63	22	9	1	0	0	0	0	0	333
22:00	26	0	3	34	58	63	26	11	2	0	0	0	0	0	223
23:00	24	0	2	22	50	49	15	10	4	1	1	0	0	0	178
Total	122	1	49	192	247	191	66	30	7	1	1	0	0	0	907

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

1900 Block of Southern Ave SE, NEB Speed

NEB															
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
12/12/13	11	0	2	18	41	31	17	4	1	1	0	0	0	0	126
01:00	9	0	0	8	16	13	10	5	4	0	0	0	0	0	65
02:00	3	0	0	4	12	8	6	2	1	0	0	0	0	0	36
03:00	3	0	1	5	9	10	8	1	1	0	1	0	0	0	39
04:00	3	0	2	12	15	11	10	3	0	0	0	0	0	0	56
05:00	14	0	1	14	35	19	20	5	3	0	0	0	0	0	111
06:00	26	0	10	26	66	58	19	4	1	1	0	0	0	0	211
07:00	63	3	26	129	159	70	23	4	0	0	0	0	0	0	477
08:00	67	1	21	108	128	85	27	3	0	0	0	0	0	0	440
09:00	39	0	13	80	105	49	17	2	0	0	0	1	0	0	306
10:00	58	1	4	69	88	32	25	2	1	1	0	0	0	0	281
11:00	51	0	3	60	88	49	28	6	1	1	0	0	0	0	287
12 PM	65	0	9	49	72	69	22	10	1	0	0	0	0	0	297
13:00	64	0	4	36	100	54	25	14	7	0	0	0	0	0	304
14:00	67	2	17	73	101	71	27	10	2	0	0	0	0	0	370
15:00	88	0	22	81	133	85	25	11	4	0	0	0	0	0	449
16:00	79	3	55	126	132	57	13	2	2	0	0	0	0	0	469
17:00	90	4	65	158	126	42	7	12	0	0	0	0	0	0	504
18:00	69	8	35	121	130	53	16	9	0	0	0	0	0	0	441
19:00	70	0	20	83	122	78	21	4	0	0	0	0	0	0	398
20:00	34	0	8	24	55	24	10	4	1	0	0	0	0	0	160
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	973	22	318	1284	1733	968	376	117	30	4	1	1	0	0	5827
Grand Total	1095	23	367	1476	1980	1159	442	147	37	5	2	1	0	0	6734

15th Percentile : 8 MPH
 50th Percentile : 29 MPH
 85th Percentile : 37 MPH
 95th Percentile : 42 MPH

Stats Mean Speed(Average) : 27 MPH
 10 MPH Pace Speed : 28-37 MPH
 Number in Pace : 2942
 Percent in Pace : 43.7%
 Number of Vehicles > 30 MPH : 3280
 Percent of Vehicles > 30 MPH : 48.7%

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

1900 Block of Southern Ave SE, NEB Volume

Start Time	Wed	11-Dec-13	Thu	12-Dec-13	Fri	13-Dec-13	Daily Average	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	*	*	41	78	*	*	41	78
12:15	*	*	39	80	*	*	39	80
12:30	*	*	23	71	*	*	23	71
12:45	*	*	23	68	*	*	23	68
01:00	*	*	17	81	*	*	17	81
01:15	*	*	19	64	*	*	19	64
01:30	*	*	16	80	*	*	16	80
01:45	*	*	13	79	*	*	13	79
02:00	*	*	7	106	*	*	7	106
02:15	*	*	15	89	*	*	15	89
02:30	*	*	7	91	*	*	7	91
02:45	*	*	7	84	*	*	7	84
03:00	*	*	14	97	*	*	14	97
03:15	*	*	9	122	*	*	9	122
03:30	*	*	10	104	*	*	10	104
03:45	*	*	6	126	*	*	6	126
04:00	*	*	9	130	*	*	9	130
04:15	*	*	14	112	*	*	14	112
04:30	*	*	22	114	*	*	22	114
04:45	*	*	11	113	*	*	11	113
05:00	*	*	20	115	*	*	20	115
05:15	*	*	25	111	*	*	25	111
05:30	*	*	33	139	*	*	33	139
05:45	*	*	33	139	*	*	33	139
06:00	*	*	40	116	*	*	40	116
06:15	*	*	46	112	*	*	46	112
06:30	*	*	54	87	*	*	54	87
06:45	*	*	71	126	*	*	71	126
07:00	*	*	97	104	*	*	97	104
07:15	*	*	119	108	*	*	119	108
07:30	*	*	111	105	*	*	111	105
07:45	*	*	150	81	*	*	150	81
08:00	*	*	124	78	*	*	124	78
08:15	*	*	111	82	*	*	111	82
08:30	*	92	97	*	*	*	97	92
08:45	*	81	108	*	*	*	108	81
09:00	*	80	90	*	*	*	90	80
09:15	*	106	66	*	*	*	66	106
09:30	*	83	73	*	*	*	73	83
09:45	*	64	77	*	*	*	77	64
10:00	*	65	80	*	*	*	80	65
10:15	*	59	82	*	*	*	82	59
10:30	*	36	64	*	*	*	64	36
10:45	*	63	55	*	*	*	55	63
11:00	*	45	67	*	*	*	67	45
11:15	*	40	71	*	*	*	71	40
11:30	*	53	82	*	*	*	82	53
11:45	*	40	67	*	*	*	67	40
Total	0	907	2435	3392	0	0	2435	4299
Combined Total	907		5827		0		6734	
Peak		08:30	07:15	05:30			07:15	05:30
Vol.		359	504	506			504	506
P.H.F.		0.847	0.840	0.910			0.840	0.910
ADT		ADT 6,734	AADT 6,734					

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: SOUTHERN AVE,NE,SE From TWENTY THIRD PKWY,SE TO VALLEY TERR,SE

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

Prepared By: Rahul Jain

Prepared Date: 9/17/2013

Total Number of Accident:	66	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	1	Right Angle:	3	4.5%	Fixed Object:	1	1.5%
Total Number of Injuries:	24	Left Turn:	8	12.1%	Ran Off Road:	1	1.5%
Total Number of Disabling Injuries:	2	Right Turn:	3	4.5%	Ped. Involved:	2	3.0%
Total Number of NonDisabling Injuries:	5	Rear End:	25	37.9%	Backing:	3	4.5%
Total Number of Pedestrians Involved:	3	Side Swiped:	14	21.2%	Non Collision:	0	0.0%
Total Number of Bicycles Involved:	1	Head On:	3	4.5%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	2	Parked:	0	0.0%	Unspecified:	3	4.5%
Time of Day				#ACC	%	Day o fweek	
07:30 ~ 09:30:				9	13.6%	Sunday:	
09:30 ~ 11:30:				2	3.0%	Monday:	
11:30 ~ 13:30:				3	4.5%	Tuesday:	
13:30 ~ 16:00:				10	15.2%	Wednesday:	
16:00 ~18:30:				12	18.2%	Thursday:	
18:30 ~ 07:30:				30	45.5%	Friday:	
Unspecified:				0	0.0%	Saturday:	
Weather Condition				#ACC	%	Surface Condition	
Clear:				58	87.9%	Dry:	
Rain:				4	6.1%	Wet:	
Snow:				0	0.0%	Snow/Ice:	
Sleet/Hail:				0	0.0%	Slush:	
Fog/Mist:				1	1.5%	Water/Sand:	
Crosswind/Blowing Sand:				0	0.0%	Repairing:	
Unspecified:				3	4.5%	Unspecified:	
Type of Vehicle				#VEH	%	Accident Severity Type	
Passenger Car:				103	83.1%	Fatal Collision:	
Bus:				4	3.2%	Injury Collision:	
Truck:				1	0.8%	PDO Collision:	
Taxi:				2	1.6%	Light Condition	
Minivan:				0	0.0%	Daylight:	
Police/Emergency Vehicle:				4	3.2%	Dawn/Dusk:	
Motorcycle/Moped:				2	1.6%	Dark(Lighted):	
Bicycle:				1	0.8%	Dark(Not Lighted):	
Fixed Object:				0	0.0%	Dark(Unknown Lighting):	
Unspecified:				7	5.6%	Unspecified:	
Contributing Factor				#VEH	%	Pedestrian Actions	
Driver: Speed:				5	4.0%	In Crosswalk with Signal:	
Driver: Alcohol/Drug:				2	1.6%	In Crosswalk against Signal:	
Driver: Electronic Device:				0	0.0%	In Crosswalk no Signal:	
Driver: Others:				24	19.4%	In Unmarked Crosswalk:	
Vehicle:				0	0.0%	Not in Crosswalk:	
Roadway:				1	0.8%	From Between Parked Cars:	
Unspecified:				92	74.2%	Unspecified:	

43 Records are not approved as of 9/17/2013 1:57:09 PM

Accident Summary Report (R-8)

Corridor: SOUTHERN AVE,NE,SE From TWENTY THIRD PKWY,SE TO VALLEY TERR,SE

Time Period Covered: From 07/30/2009 To 07/30/2010

Prepared By: Rahul Jain

Prepared Date: 11/18/2013

Total Number of Accident:	23	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	1	Right Angle:	2	8.7%	Fixed Object:	2	8.7%
Total Number of Injuries:	12	Left Turn:	2	8.7%	Ran Off Road:	1	4.3%
Total Number of Disabling Injuries:	1	Right Turn:	0	0.0%	Ped. Involved:	0	0.0%
Total Number of NonDisabling Injuries:	1	Rear End:	6	26.1%	Backing:	0	0.0%
Total Number of Pedestrians Involved:	0	Side Swiped:	4	17.4%	Non Collision:	2	8.7%
Total Number of Bicycles Involved:	1	Head On:	2	8.7%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	1	Parked:	1	4.3%	Unspecified:	1	4.3%
Time of Day				#ACC	%	Day of week	
07:30 ~ 09:30:				4	17.4%	Sunday:	
09:30 ~ 11:30:				1	4.3%	Monday:	
11:30 ~ 13:30:				5	21.7%	Tuesday:	
13:30 ~ 16:00:				1	4.3%	Wednesday:	
16:00 ~ 18:30:				3	13.0%	Thursday:	
18:30 ~ 07:30:				9	39.1%	Friday:	
Unspecified:				0	0.0%	Saturday:	
Weather Condition				#ACC	%	Surface Condition	
Clear:				20	87.0%	Dry:	
Rain:				3	13.0%	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:				0	0.0%	Unspecified:	
Type of Vehicle				#VEH	%	Accident Severity Type	
Passenger Car:				35	85.4%	Fatal Collision:	
Bus:				1	2.4%	Injury Collision:	
Truck:				0	0.0%	PDO Collision:	
Taxi:				1	2.4%	Light Condition	
Minivan:				0	0.0%	Daylight:	
Police/Emergency Vehicle:				2	4.9%	Dawn/Dusk:	
Motorcycle/Moped:				1	2.4%	Dark(Lighted):	
Bicycle:				1	2.4%	Dark(Not Lighted):	
Fixed Object:				0	0.0%	Dark(Unknown Lighting):	
Unspecified:				0	0.0%	Unspecified:	
Contributing Factor				#VEH	%	Pedestrian Actions	
Driver: Speed:				2	4.9%	In Crosswalk with Signal:	
Driver: Alcohol/Drug:				1	2.4%	In Crosswalk against Signal:	
Driver: Electronic Device:				0	0.0%	In Crosswalk no Signal:	
Driver: Others:				4	9.8%	In Unmarked Crosswalk:	
Vehicle:				0	0.0%	Not in Crosswalk:	
Roadway:				0	0.0%	From Between Parked Cars:	
Unspecified:				34	82.9%	Unspecified:	

10 Records are not approved as of 11/18/2013 10:38:56 AM

Accident Summary Report (R-8)

Corridor: SOUTHERN AVE,NE,SE From TWENTY THIRD PKWY,SE TO VALLEY TERR,SE

Time Period Covered: From 07/30/2010 To 07/30/2011

Prepared By: Rahul Jain

Prepared Date: 11/18/2011

Total Number of Accident:	20	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	0	Right Angle:	0	0.0%	Fixed Object:	0	0.0%
Total Number of Injuries:	5	Left Turn:	3	15.0%	Ran Off Road:	0	0.0%
Total Number of Disabling Injuries:	1	Right Turn:	0	0.0%	Ped. Involved:	1	5.0%
Total Number of NonDisabling Injuries:	1	Rear End:	10	50.0%	Backing:	1	5.0%
Total Number of Pedestrians Involved:	0	Side Swiped:	4	20.0%	Non Collision:	0	0.0%
Total Number of Bicycles Involved:	0	Head On:	1	5.0%	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:				2	10.0%	Sunday:	
09:30 ~ 11:30:				1	5.0%	Monday:	
11:30 ~ 13:30:				1	5.0%	Tuesday:	
13:30 ~ 16:00:				4	20.0%	Wednesday:	
16:00 ~ 18:30:				3	15.0%	Thursday:	
18:30 ~ 07:30:				9	45.0%	Friday:	
Unspecified:				0	0.0%	Saturday:	
Weather Condition				#ACC	%	Surface Condition	
Clear:				20	100.0%	Dry:	
Rain:				0	0.0%	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:				0	0.0%	Unspecified:	
Type of Vehicle				#VEH	%	Accident Severity Type	
Passenger Car:				32	86.5%	Fatal Collision:	
Bus:				2	5.4%	Injury Collision:	
Truck:				1	2.7%	PDO Collision:	
Taxi:				0	0.0%	Light Condition	
Minivan:				0	0.0%	Daylight:	
Police/Emergency Vehicle:				2	5.4%	Dawn/Dusk:	
Motorcycle/Moped:				0	0.0%	Dark(Lighted):	
Bicycle:				0	0.0%	Dark(Not Lighted):	
Fixed Object:				0	0.0%	Dark(Unknown Lighting):	
Unspecified:				0	0.0%	Unspecified:	
Contributing Factor				#VEH	%	Pedestrian Actions	
Driver: Speed:				1	2.7%	In Crosswalk with Signal:	
Driver: Alcohol/Drug:				2	5.4%	In Crosswalk against Signal:	
Driver: Electronic Device:				0	0.0%	In Crosswalk no Signal:	
Driver: Others:				8	21.6%	In Unmarked Crosswalk:	
Vehicle:				0	0.0%	Not in Crosswalk:	
Roadway:				0	0.0%	From Between Parked Cars:	
Unspecified:				26	70.3%	Unspecified:	

14 Records are not approved as of 11/18/2013 10:38:07 AM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: SOUTHERN AVE,NE,SE From TWENTY THIRD PKWY,SE TO VALLEY TERR,SE

Time Period Covered: From 07/30/2011 To 07/30/2012

Prepared By: Rahul Jain

Prepared Date: 11/18/2012

		Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Accident:	25	Right Angle:	1	4.0%	Fixed Object:	0	0.0%
Total Number of Fatalities:	0	Left Turn:	4	16.0%	Ran Off Road:	1	4.0%
Total Number of Injuries:	11	Right Turn:	3	12.0%	Ped. Involved:	1	4.0%
Total Number of Disabling Injuries:	0	Rear End:	9	36.0%	Backing:	1	4.0%
Total Number of NonDisabling Injuries:	1	Side Swiped:	5	20.0%	Non Collision:	0	0.0%
Total Number of Pedestrians Involved:	2	Head On:	0	0.0%	Under/Over Ride:	0	0.0%
Total Number of Bicycles Involved:	0	Parked:	0	0.0%	Unspecified:	0	0.0%
Total Number of Motorcycles Involved:	1						

Time of Day	#ACC	%	Day of week	#ACC	%
07:30 ~ 09:30:	3	12.0%	Sunday:	2	8.0%
09:30 ~ 11:30:	1	4.0%	Monday:	2	8.0%
11:30 ~ 13:30:	1	4.0%	Tuesday:	4	16.0%
13:30 ~ 16:00:	5	20.0%	Wednesday:	5	20.0%
16:00 ~ 18:30:	6	24.0%	Thursday:	3	12.0%
18:30 ~ 07:30:	9	36.0%	Friday:	5	20.0%
Unspecified:	0	0.0%	Saturday:	4	16.0%

Weather Condition	#ACC	%	Surface Condition	#ACC	%
Clear:	19	76.0%	Dry:	19	76.0%
Rain:	4	16.0%	Wet:	5	20.0%
Snow:	0	0.0%	Snow/Ice:	0	0.0%
Sleet/Hail:	0	0.0%	Slush:	0	0.0%
Fog/Mist:	1	4.0%	Water/Sand:	0	0.0%
Crosswind/Blowing Sand:	0	0.0%	Repairing:	0	0.0%
Unspecified:	1	4.0%	Unspecified:	1	4.0%

Type of Vehicle	#VEH	%	Accident Severity Type	#ACC	%
Passenger Car:	39	79.6%	Fatal Collision:	0	0.0%
Bus:	2	4.1%	Injury Collision:	8	32.0%
Truck:	0	0.0%	PDO Collision:	17	68.0%
Taxi:	1	2.0%			
Minivan:	0	0.0%	Light Condition	#ACC	%
Police/Emergency Vehicle:	0	0.0%	Daylight:	14	56.0%
Motorcycle/Moped:	1	2.0%	Dawn/Dusk:	1	4.0%
Bicycle:	0	0.0%	Dark(Lighted):	8	32.0%
Fixed Object:	0	0.0%	Dark(Not Lighted):	0	0.0%
Unspecified:	6	12.2%	Dark(Unknown Lighting):	0	0.0%
			Unspecified:	2	8.0%

Contributing Factor	#VEH	%	Pedestrian Actions	#ACC	%
Driver: Speed:	3	6.1%	In Crosswalk with Signal:	1	100.0%
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:	9	18.4%	In Unmarked Crosswalk:	0	0.0%
Vehicle:	0	0.0%	Not in Crosswalk:	0	0.0%
Roadway:	1	2.0%	From Between Parked Cars:	0	0.0%
Unspecified:	36	73.5%	Unspecified:	0	0.0%

16 Records are not approved as of 11/18/2013 10:29:01 AM

Accident Summary Report (R-8)

Corridor: SOUTHERN AVE,NE,SE From TWENTY THIRD PKWY,SE TO VALLEY TERR,SE

Time Period Covered: From 07/31/2012 To 07/31/2013

Prepared By: Rahul Jain

Prepared Date: 11/18/2013

Total Number of Accident:	15	Collision Type	#ACC	%	Collision Type	#ACC	%
Total Number of Fatalities:	0	Right Angle:	0	0.0%	Fixed Object:	1	6.7%
Total Number of Injuries:	9	Left Turn:	0	0.0%	Ran Off Road:	0	0.0%
Total Number of Disabling Injuries:	0	Right Turn:	0	0.0%	Ped. Involved:	0	0.0%
Total Number of NonDisabling Injuries:	3	Rear End:	4	26.7%	Backing:	2	13.3%
Total Number of Pedestrians Involved:	1	Side Swiped:	4	26.7%	Non Collision:	0	0.0%
Total Number of Bicycles Involved:	0	Head On:	2	13.3%	Under/Over Ride:	0	0.0%
Total Number of Motorcycles Involved:	1	Parked:	0	0.0%	Unspecified:	2	13.3%
Time of Day				#ACC	%	Day of week	
07:30 ~ 09:30:				3	20.0%	Sunday:	
09:30 ~ 11:30:				0	0.0%	Monday:	
11:30 ~ 13:30:				3	20.0%	Tuesday:	
13:30 ~ 16:00:				0	0.0%	Wednesday:	
16:00 ~ 18:30:				1	6.7%	Thursday:	
18:30 ~ 07:30:				8	53.3%	Friday:	
Unspecified:				0	0.0%	Saturday:	
Weather Condition				#ACC	%	Surface Condition	
Clear:				11	73.3%	Dry:	
Rain:				0	0.0%	Wet:	
Snow:				0	0.0%	Snow/Ice:	
Sleet/Hail:				0	0.0%	Slush:	
Fog/Mist:				1	6.7%	Water/Sand:	
Crosswind/Blowing Sand:				0	0.0%	Repairing:	
Unspecified:				3	20.0%	Unspecified:	
Type of Vehicle				#VEH	%	Accident Severity Type	
Passenger Car:				22	73.3%	Fatal Collision:	
Bus:				1	3.3%	Injury Collision:	
Truck:				3	10.0%	PDO Collision:	
Taxi:				0	0.0%	Light Condition	
Minivan:				0	0.0%	Daylight:	
Police/Emergency Vehicle:				0	0.0%	Dawn/Dusk:	
Motorcycle/Moped:				1	3.3%	Dark(Lighted):	
Bicycle:				0	0.0%	Dark(Not Lighted):	
Fixed Object:				0	0.0%	Dark(Unknown Lighting):	
Unspecified:				3	10.0%	Unspecified:	
Contributing Factor				#VEH	%	Pedestrian Actions	
Driver: Speed:				1	3.3%	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	26.7%	In Unmarked Crosswalk:	
Vehicle:				0	0.0%	Not in Crosswalk:	
Roadway:				0	0.0%	From Between Parked Cars:	
Unspecified:				21	70.0%	Unspecified:	

10 Records are not approved as of 11/18/2013 10:43:12 AM