



District Department of Transportation

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

3900 Block Pennsylvania Avenue SE NW/B

Study Area and Location

| District | PSA | Ward | ANC | Phase | Description |
|----------|-----|------|-----|----------|--|
| 6 | 605 | 7 | 7B | Existing | 3900 Block Pennsylvania Avenue Southeast Northwest-bound |



The existing speed camera is located in Ward 7 at the 3900 block of Pennsylvania Avenue Southeast in the northwest-bound direction. Pennsylvania Avenue Southeast runs between Independence Avenue Southeast to the west and Southern Avenue Southeast to the east. The posted speed limit is 30 MPH. This speed camera was installed on February 2013.

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District Department of Transportation

3900 Block Pennsylvania Avenue SE NW/B

Field Assessment Summary

Pennsylvania Avenue is assumed to run in a northwest-southeast direction, and is classified as a principal arterial. Pennsylvania Avenue has two travel lanes in each direction. This site has the following characteristics:

- This is a residential area with houses, apartments, and driveways.
- There is a bike trail in the area.
- There is one school in the area: Anne Beers Elementary.
- A warning sign was noted in the area "CAUTION - Blind Pedestrian In Area." Thus, there is a blind pedestrian in the area.
- There is sidewalk on both sides of the street and a crosswalk with an in-street pedestrian crossing sign at 40th Street.
- There are grassy medians and parking on both sides of the street.
- The pavement is in good condition and there is curb and gutter with drainage inlets. There is a slope downgrade southbound.
- There are transverse pavement markings.
- There is a traffic signal with pedestrian signals at Fort Davis Street SE.
- There are bus stops on both sides of the street at 40th Street.



Looking Northwest-bound

W7 - 156



District Department of Transportation

3900 Block Pennsylvania Avenue SE NW/B



Looking Southeast-bound

Speed Data Analysis

| | Northwest-Bound | Southeast-Bound |
|-----------------------------|-----------------|-----------------|
| Posted Speed Limit (MPH) | 30 | 30 |
| Mean Speed (MPH) | 17 | 22 |
| 85th Percentile Speed (MPH) | 25 | 28 |
| 10 MPH Pace Speed (MPH) | 17-26 | 20-29 |
| Sample Size | 6,880 | 7,870 |
| ADT | 14,750 | |

The mean speed is less than the posted speed by 13 MPH for the NW direction and 8 MPH for the SE direction. The 85th percentile speed is less than the posted speed by 5 MPH in the NW direction and 2 MPH in the SE direction.

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 48 crashes at this location. A breakdown of number of crashes by collisions type can be found in the chart below. The most common types of crashes at this location were Rear End (13), Side Swiped

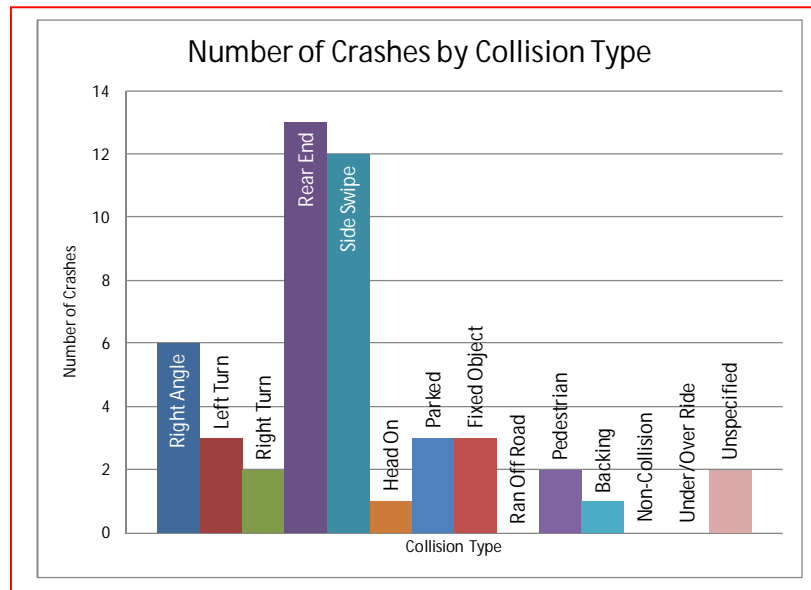


District Department of Transportation

3900 Block Pennsylvania Avenue SE NW/B

(12) and Right Angle (6). Furthermore, this site experienced a high frequency (20 crashes) of injury-related crashes.

| Severity | | Weather | | | Surface condition | | | Light Condition | | |
|----------|----------|---------|----|-------|-------------------|----|-------|-----------------|----|-------|
| Total | 48 | | | | | | | | | |
| Fatal | 0 0.0% | Clear | 41 | 85.4% | Dry | 35 | 72.9% | Day | 26 | 54.2% |
| Injury | 20 41.7% | Rain | 4 | 8.3% | Wet | 7 | 14.6% | Night | 18 | 37.5% |
| Truck | 7 14.6% | Snow | 1 | 2.1% | Repairing | 3 | 6.3% | | | |
| Taxi | 3 6.3% | | | | | | | | | |



There was 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”¹ as two errors leading to rear end and side swipe crashes. Both of these errors can be decreased with a decrease in travel speed.

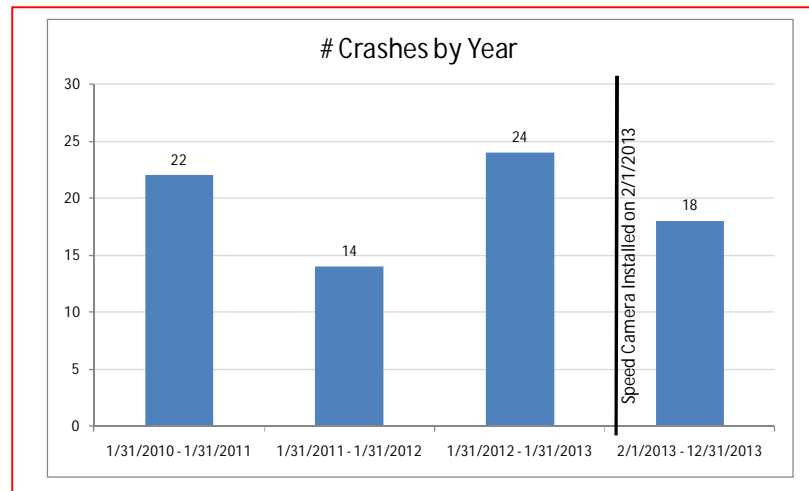
The speed camera was installed on 2/1/2013. The graph below shows the number of crashes in the 3 years prior to the speed camera’s installation (60 crashes) and the year after the speed camera’s installation (18 crashes).

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



District Department of Transportation

3900 Block Pennsylvania Avenue SE NW/B



The Pennsylvania 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)*².

Safety Nexus

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

1. Speed Data – The speed data analysis shows travel speeds being lower than the posted speed limit.
2. Crash Data – There was an elevated number of speed-related crashes at this location, including rear end and side swipe collisions, as well as a high frequency (20 crashes) of injury-related crashes. The Pennsylvania 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:
 - a. This is a residential area with houses, apartments, and driveways.
 - b. There is one school in the area: Anne Beers Elementary.
 - c. A warning sign was noted in the area “CAUTION - Blind Pedestrian In Area.” Thus, there is a blind pedestrian in the area, which necessitates a slower travel environment.
 - d. There is a bike trail in the area which generates pedestrian and bicycle activity.
 - e. There are several bus stops in the area which generate pedestrian activity.
 - f. There is on-street parking on both sides of the street.

² DDOT, *TRAFFIC SAFETY STATISTICS REPORT FOR THE DISTRICT OF COLUMBIA (2009-2011)*, pg. 80.



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

W7 - 160

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

3900 block of Pennsylvania Ave SE Speed

SEB

| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|------------|-----|------|------|------|-----|----|----|----|----|----|----|----|----|-----|-------|
| 11/23/13 | 9 | 16 | 50 | 55 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 |
| 01:00 | 5 | 14 | 49 | 42 | 14 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 128 |
| 02:00 | 3 | 5 | 27 | 57 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103 |
| 03:00 | 1 | 4 | 17 | 39 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| 04:00 | 2 | 5 | 23 | 44 | 23 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 104 |
| 05:00 | 4 | 18 | 52 | 71 | 51 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 207 |
| 06:00 | 11 | 14 | 69 | 120 | 54 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 278 |
| 07:00 | 16 | 24 | 91 | 144 | 66 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 354 |
| 08:00 | 23 | 39 | 131 | 150 | 48 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 399 |
| 09:00 | 43 | 69 | 131 | 133 | 35 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 417 |
| 10:00 | 33 | 46 | 165 | 149 | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 422 |
| 11:00 | 43 | 47 | 139 | 185 | 38 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 456 |
| 12 PM | 64 | 51 | 173 | 121 | 31 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 441 |
| 13:00 | 73 | 83 | 155 | 126 | 24 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 462 |
| 14:00 | 65 | 69 | 162 | 114 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 420 |
| 15:00 | 72 | 71 | 183 | 114 | 21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 463 |
| 16:00 | 55 | 59 | 167 | 121 | 20 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 426 |
| 17:00 | 51 | 67 | 168 | 80 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 |
| 18:00 | 43 | 77 | 174 | 110 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 418 |
| 19:00 | 59 | 82 | 177 | 100 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 438 |
| 20:00 | 33 | 67 | 151 | 91 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 358 |
| 21:00 | 26 | 69 | 154 | 82 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 352 |
| 22:00 | 30 | 46 | 137 | 102 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 334 |
| 23:00 | 15 | 33 | 90 | 95 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 252 |
| Total | 779 | 1075 | 2835 | 2445 | 611 | 71 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 7827 |

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

www.sammateng.com

3900 block of Pennsylvania Ave SE Speed

SEB

| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|-------------|-----|------|------|------|-----|----|----|----|----|----|----|----|----|-----|-------|
| 11/24/13 | 4 | 3 | 14 | 13 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| 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 | 4 | 3 | 14 | 13 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| Grand Total | 783 | 1078 | 2849 | 2458 | 619 | 72 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 7870 |

15th Percentile : 11 MPH
 50th Percentile : 22 MPH
 85th Percentile : 28 MPH
 95th Percentile : 32 MPH

Stats
 Mean Speed(Average) : 22 MPH
 10 MPH Pace Speed : 20-29 MPH
 Number in Pace : 4256
 Percent in Pace : 54.1%
 Number of Vehicles > 30 MPH : 804
 Percent of Vehicles > 30 MPH : 10.2%

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1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

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3900 block of Pennsylvania Ave SE Speed

| NWB | | | | | | | | | | | | | | | |
|----------|------|------|------|------|-----|----|----|----|----|----|----|----|----|-----|-------|
| 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 |
| 11/23/13 | 14 | 39 | 68 | 40 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 174 |
| 01:00 | 8 | 25 | 66 | 54 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 163 |
| 02:00 | 2 | 13 | 53 | 56 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 |
| 03:00 | 7 | 25 | 51 | 43 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 |
| 04:00 | 2 | 8 | 29 | 41 | 16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| 05:00 | 9 | 9 | 30 | 36 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 |
| 06:00 | 7 | 11 | 60 | 43 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 |
| 07:00 | 21 | 22 | 100 | 66 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 231 |
| 08:00 | 35 | 39 | 103 | 77 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 268 |
| 09:00 | 38 | 36 | 125 | 70 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 278 |
| 10:00 | 83 | 61 | 93 | 46 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 289 |
| 11:00 | 99 | 71 | 112 | 44 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 337 |
| 12 PM | 144 | 101 | 103 | 36 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 389 |
| 13:00 | 161 | 83 | 96 | 35 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 |
| 14:00 | 142 | 56 | 65 | 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 294 |
| 15:00 | 139 | 85 | 85 | 29 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 343 |
| 16:00 | 157 | 95 | 88 | 36 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 382 |
| 17:00 | 115 | 111 | 87 | 19 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 338 |
| 18:00 | 96 | 95 | 83 | 40 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 319 |
| 19:00 | 86 | 109 | 102 | 45 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 |
| 20:00 | 60 | 106 | 116 | 66 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 354 |
| 21:00 | 69 | 103 | 170 | 72 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 431 |
| 22:00 | 119 | 101 | 189 | 59 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 482 |
| 23:00 | 73 | 76 | 172 | 63 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 391 |
| Total | 1686 | 1480 | 2246 | 1141 | 227 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6812 |

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3900 block of Pennsylvania Ave SE Speed

| NWB | | | | | | | | | | | | | | | |
|-------------|------|------|------|------|-----|----|----|----|----|----|----|----|----|-----|-------|
| Start Time | 1 | 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 | |
| 11/24/13 | 4 | 16 | 24 | 18 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| 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 | 4 | 16 | 24 | 18 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| Grand Total | 1690 | 1496 | 2270 | 1159 | 233 | 29 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6880 |

15th Percentile : 7 MPH
 50th Percentile : 17 MPH
 85th Percentile : 25 MPH
 95th Percentile : 29 MPH

Stats
 Mean Speed(Average) : 17 MPH
 10 MPH Pace Speed : 17-26 MPH
 Number in Pace : 2803
 Percent in Pace : 40.7%
 Number of Vehicles > 30 MPH : 288
 Percent of Vehicles > 30 MPH : 4.2%

SAMMAT ENGINEERING SERVICES, LLC

1515 RISING RIDGE ROAD
MOUNT AIRY, MD 21771

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3900 block of Pennsylvania Ave SE Volume

| Start Time | 23-Nov-13 | | SEB | | NWB | | Combined | | 24-Nov-Sun | SEB | | NWB | | Combined | |
|------------|-----------|------------|------------|------|-----------|------|------------|------|------------|------|------|------|------|----------|------|
| | Sat | | 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 | * | | 105 | | 82 | | 187 | | 43 | * | | 68 | * | 111 | * |
| 12:15 | | 46 | 112 | | 84 | | 196 | | * | * | | * | * | * | * |
| 12:30 | | 43 | 122 | | 104 | | 226 | | * | * | | * | * | * | * |
| 12:45 | | 52 | 102 | | 119 | | 221 | | * | * | | * | * | * | * |
| 01:00 | | 32 | 128 | | 101 | | 229 | | * | * | | * | * | * | * |
| 01:15 | | 30 | 101 | | 89 | | 190 | | * | * | | * | * | * | * |
| 01:30 | | 36 | 108 | | 115 | | 223 | | * | * | | * | * | * | * |
| 01:45 | | 30 | 125 | | 72 | | 197 | | * | * | | * | * | * | * |
| 02:00 | | 27 | 103 | | 86 | | 189 | | * | * | | * | * | * | * |
| 02:15 | | 25 | 112 | | 68 | | 180 | | * | * | | * | * | * | * |
| 02:30 | | 20 | 92 | | 74 | | 166 | | * | * | | * | * | * | * |
| 02:45 | | 31 | 113 | | 66 | | 179 | | * | * | | * | * | * | * |
| 03:00 | | 15 | 126 | | 82 | | 208 | | * | * | | * | * | * | * |
| 03:15 | | 26 | 120 | | 85 | | 205 | | * | * | | * | * | * | * |
| 03:30 | | 16 | 111 | | 105 | | 216 | | * | * | | * | * | * | * |
| 03:45 | | 20 | 106 | | 71 | | 177 | | * | * | | * | * | * | * |
| 04:00 | | 18 | 115 | | 90 | | 205 | | * | * | | * | * | * | * |
| 04:15 | | 16 | 107 | | 100 | | 207 | | * | * | | * | * | * | * |
| 04:30 | | 32 | 110 | | 88 | | 198 | | * | * | | * | * | * | * |
| 04:45 | | 38 | 94 | | 104 | | 198 | | * | * | | * | * | * | * |
| 05:00 | | 43 | 95 | | 79 | | 174 | | * | * | | * | * | * | * |
| 05:15 | | 53 | 104 | | 78 | | 182 | | * | * | | * | * | * | * |
| 05:30 | | 52 | 97 | | 85 | | 182 | | * | * | | * | * | * | * |
| 05:45 | | 59 | 81 | | 96 | | 177 | | * | * | | * | * | * | * |
| 06:00 | | 62 | 90 | | 68 | | 158 | | * | * | | * | * | * | * |
| 06:15 | | 66 | 102 | | 91 | | 193 | | * | * | | * | * | * | * |
| 06:30 | | 86 | 102 | | 76 | 125 | 178 | | * | * | | * | * | * | * |
| 06:45 | | 64 | 124 | | 84 | 108 | 208 | | * | * | | * | * | * | * |
| 07:00 | | 77 | 114 | | 100 | 125 | 214 | | * | * | | * | * | * | * |
| 07:15 | | 84 | 119 | | 90 | 153 | 209 | | * | * | | * | * | * | * |
| 07:30 | | 91 | 107 | | 67 | 146 | 174 | | * | * | | * | * | * | * |
| 07:45 | | 102 | 98 | | 93 | 161 | 191 | | * | * | | * | * | * | * |
| 08:00 | | 96 | 98 | | 92 | 166 | 190 | | * | * | | * | * | * | * |
| 08:15 | | 103 | 83 | | 93 | 165 | 176 | | * | * | | * | * | * | * |
| 08:30 | | 94 | 105 | | 81 | 159 | 186 | | * | * | | * | * | * | * |
| 08:45 | | 106 | 72 | | 88 | 177 | 160 | | * | * | | * | * | * | * |
| 09:00 | | 119 | 99 | | 108 | 182 | 207 | | * | * | | * | * | * | * |
| 09:15 | | 120 | 91 | | 101 | 187 | 192 | | * | * | | * | * | * | * |
| 09:30 | | 92 | 75 | | 93 | 171 | 168 | | * | * | | * | * | * | * |
| 09:45 | | 86 | 87 | | 129 | 155 | 216 | | * | * | | * | * | * | * |
| 10:00 | | 108 | 86 | | 110 | 165 | 196 | | * | * | | * | * | * | * |
| 10:15 | | 109 | 110 | | 136 | 187 | 246 | | * | * | | * | * | * | * |
| 10:30 | | 103 | 74 | | 118 | 170 | 192 | | * | * | | * | * | * | * |
| 10:45 | | 102 | 64 | | 87 | 118 | 182 | | * | * | | * | * | * | * |
| 11:00 | | 115 | 75 | | 73 | 119 | 188 | 194 | * | * | | * | * | * | * |
| 11:15 | | 106 | 57 | | 91 | 124 | 197 | 181 | * | * | | * | * | * | * |
| 11:30 | | 133 | 67 | | 82 | 75 | 215 | 142 | * | * | | * | * | * | * |
| 11:45 | | 102 | 53 | | 91 | 73 | 193 | 126 | * | * | | * | * | * | * |

| | | | | | | | | | | | | |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|------|-------|------|-----|---|
| Total | 3086 | 4741 | 2362 | 4450 | 5448 | 9191 | 43 | 0 | 68 | 0 | 111 | 0 |
| Day Total | 7827 | | 6812 | | 14639 | | 43 | | 68 | | 111 | |
| % Total | 21.1% | 32.4% | 16.1% | 30.4% | | | 38.7% | 0.0% | 61.3% | 0.0% | | |
| Peak Vol. P.H.F. | 10:45 456 0.857 | 02:45 470 0.918 | 11:00 337 0.926 | 09:45 493 0.906 | 11:00 793 0.922 | 00:15 872 0.952 | | | | | | |

ADT ADT 14,750 AADT 14,750

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: PENNSYLVANIA AVE,NW,SE From ALABAMA AVE,SE TO FORTIETH ST,SE

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

Prepared By: Rahul Jain

Prepared Date: 11/26/2012

| | | | | | | | |
|--|----|-----------------------|-------------|-------------|-----------------------|-------------------------------|----------|
| Total Number of Accident: | 48 | Collision Type | #ACC | % | Collision Type | #ACC | % |
| Total Number of Fatalities: | 0 | Right Angle: | 6 | 12.5% | Fixed Object: | 3 | 6.3% |
| Total Number of Injuries: | 23 | Left Turn: | 3 | 6.3% | Ran Off Road: | 0 | 0.0% |
| Total Number of Disabling Injuries: | 4 | Right Turn: | 2 | 4.2% | Ped. Involved: | 2 | 4.2% |
| Total Number of NonDisabling Injuries: | 2 | Rear End: | 13 | 27.1% | Backing: | 1 | 2.1% |
| Total Number of Pedestrians Involved: | 2 | Side Swiped: | 12 | 25.0% | Non Collision: | 0 | 0.0% |
| Total Number of Bicycles Involved: | 0 | Head On: | 1 | 2.1% | Under/Over Ride: | 0 | 0.0% |
| Total Number of Motorcycles Involved: | 0 | Parked: | 3 | 6.3% | Unspecified: | 2 | 4.2% |
| Time of Day | | | | #ACC | % | Day of week | |
| 07:30 ~ 09:30: | | | | 7 | 14.6% | Sunday: | |
| 09:30 ~ 11:30: | | | | 6 | 12.5% | Monday: | |
| 11:30 ~ 13:30: | | | | 3 | 6.3% | Tuesday: | |
| 13:30 ~ 16:00: | | | | 3 | 6.3% | Wednesday: | |
| 16:00 ~ 18:30: | | | | 5 | 10.4% | Thursday: | |
| 18:30 ~ 07:30: | | | | 24 | 50.0% | Friday: | |
| Unspecified: | | | | 0 | 0.0% | Saturday: | |
| 07:30 ~ 09:30: | | | | 7 | 14.6% | Sunday: | |
| 09:30 ~ 11:30: | | | | 6 | 12.5% | Monday: | |
| 11:30 ~ 13:30: | | | | 3 | 6.3% | Tuesday: | |
| 13:30 ~ 16:00: | | | | 3 | 6.3% | Wednesday: | |
| 16:00 ~ 18:30: | | | | 5 | 10.4% | Thursday: | |
| 18:30 ~ 07:30: | | | | 24 | 50.0% | Friday: | |
| Unspecified: | | | | 0 | 0.0% | Saturday: | |
| Weather Condition | | | | #ACC | % | Surface Condition | |
| Clear: | | | | 41 | 85.4% | Dry: | |
| Rain: | | | | 4 | 8.3% | Wet: | |
| Snow: | | | | 1 | 2.1% | Snow/Ice: | |
| Sleet/Hail: | | | | 0 | 0.0% | Slush: | |
| Fog/Mist: | | | | 0 | 0.0% | Water/Sand: | |
| Crosswind/Blowing Sand: | | | | 0 | 0.0% | Repairing: | |
| Unspecified: | | | | 2 | 4.2% | Unspecified: | |
| Clear: | | | | 41 | 85.4% | Dry: | |
| Rain: | | | | 4 | 8.3% | Wet: | |
| Snow: | | | | 1 | 2.1% | Snow/Ice: | |
| Sleet/Hail: | | | | 0 | 0.0% | Slush: | |
| Fog/Mist: | | | | 0 | 0.0% | Water/Sand: | |
| Crosswind/Blowing Sand: | | | | 0 | 0.0% | Repairing: | |
| Unspecified: | | | | 2 | 4.2% | Unspecified: | |
| Type of Vehicle | | | | #VEH | % | Accident Severity Type | |
| Passenger Car: | | | | 81 | 86.2% | Fatal Collision: | |
| Bus: | | | | 1 | 1.1% | Injury Collision: | |
| Truck: | | | | 7 | 7.4% | PDO Collision: | |
| Taxi: | | | | 3 | 3.2% | | |
| Minivan: | | | | 0 | 0.0% | Light Condition | |
| Police/Emergency Vehicle: | | | | 2 | 2.1% | Daylight: | |
| Motorcycle/Moped: | | | | 0 | 0.0% | Dawn/Dusk: | |
| Bicycle: | | | | 0 | 0.0% | Dark(Lighted): | |
| Fixed Object: | | | | 0 | 0.0% | Dark(Not Lighted): | |
| Unspecified: | | | | 0 | 0.0% | Dark(Unknown Lighting): | |
| Passenger Car: | | | | 81 | 86.2% | Unspecified: | |
| Bus: | | | | 1 | 1.1% | | |
| Truck: | | | | 7 | 7.4% | | |
| Taxi: | | | | 3 | 3.2% | | |
| Minivan: | | | | 0 | 0.0% | | |
| Police/Emergency Vehicle: | | | | 2 | 2.1% | | |
| Motorcycle/Moped: | | | | 0 | 0.0% | | |
| Bicycle: | | | | 0 | 0.0% | | |
| Fixed Object: | | | | 0 | 0.0% | | |
| Unspecified: | | | | 0 | 0.0% | | |
| Contributing Factor | | | | #VEH | % | Pedestrian Actions | |
| Driver: Speed: | | | | 1 | 1.1% | In Crosswalk with Signal: | |
| Driver: Alcohol/Drug: | | | | 2 | 2.1% | In Crosswalk against Signal: | |
| Driver: Electronic Device: | | | | 0 | 0.0% | In Crosswalk no Signal: | |
| Driver: Others: | | | | 21 | 22.3% | In Unmarked Crosswalk: | |
| Vehicle: | | | | 0 | 0.0% | Not in Crosswalk: | |
| Roadway: | | | | 0 | 0.0% | From Between Parked Cars: | |
| Unspecified: | | | | 70 | 74.5% | Unspecified: | |
| Driver: Speed: | | | | 1 | 1.1% | In Crosswalk with Signal: | |
| Driver: Alcohol/Drug: | | | | 2 | 2.1% | In Crosswalk against Signal: | |
| Driver: Electronic Device: | | | | 0 | 0.0% | In Crosswalk no Signal: | |
| Driver: Others: | | | | 21 | 22.3% | In Unmarked Crosswalk: | |
| Vehicle: | | | | 0 | 0.0% | Not in Crosswalk: | |
| Roadway: | | | | 0 | 0.0% | From Between Parked Cars: | |
| Unspecified: | | | | 70 | 74.5% | Unspecified: | |

30 Records are not approved as of 11/26/2013 11:24:24 AM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: PENNSYLVANIA AVE,NW,SE From ALABAMA AVE,SE TO FORTIETH ST,SE

Time Period Covered: From 02/01/2010 To 02/01/2011

Prepared By: Rahul Jain

Prepared Date: 1/14/2014

| | | Collision Type | #ACC | % | Collision Type | #ACC | % |
|--|----|-----------------------|-------------|----------|-----------------------|-------------|----------|
| Total Number of Accident: | 22 | Right Angle: | 3 | 13.6% | Fixed Object: | 0 | 0.0% |
| Total Number of Fatalities: | 0 | Left Turn: | 0 | 0.0% | Ran Off Road: | 0 | 0.0% |
| Total Number of Injuries: | 13 | Right Turn: | 1 | 4.5% | Ped. Involved: | 1 | 4.5% |
| Total Number of Disabling Injuries: | 0 | Rear End: | 9 | 40.9% | Backing: | 0 | 0.0% |
| Total Number of NonDisabling Injuries: | 1 | Side Swiped: | 5 | 22.7% | Non Collision: | 0 | 0.0% |
| Total Number of Pedestrians Involved: | 1 | Head On: | 0 | 0.0% | Under/Over Ride: | 0 | 0.0% |
| Total Number of Bicycles Involved: | 0 | Parked: | 3 | 13.6% | Unspecified: | 0 | 0.0% |
| Total Number of Motorcycles Involved: | 0 | | | | | | |

| Time of Day | #ACC | % |
|--------------------|-------------|----------|
| 07:30 ~ 09:30: | 2 | 9.1% |
| 09:30 ~ 11:30: | 3 | 13.6% |
| 11:30 ~ 13:30: | 2 | 9.1% |
| 13:30 ~ 16:00: | 2 | 9.1% |
| 16:00 ~ 18:30: | 2 | 9.1% |
| 18:30 ~ 07:30: | 11 | 50.0% |
| Unspecified: | 0 | 0.0% |

| Day o fweek | #ACC | % |
|--------------------|-------------|----------|
| Sunday: | 5 | 22.7% |
| Monday: | 2 | 9.1% |
| Tuesday: | 0 | 0.0% |
| Wednesday: | 1 | 4.5% |
| Thursday: | 3 | 13.6% |
| Friday: | 3 | 13.6% |
| Saturday: | 8 | 36.4% |

| Weather Condition | #ACC | % |
|--------------------------|-------------|----------|
| Clear: | 18 | 81.8% |
| Rain: | 3 | 13.6% |
| Snow: | 1 | 4.5% |
| Sleet/Hail: | 0 | 0.0% |
| Fog/Mist: | 0 | 0.0% |
| Crosswind/Blowing Sand: | 0 | 0.0% |
| Unspecified: | 0 | 0.0% |

| Surface Condition | #ACC | % |
|--------------------------|-------------|----------|
| Dry: | 14 | 63.6% |
| Wet: | 5 | 22.7% |
| Snow/Ice: | 1 | 4.5% |
| Slush: | 0 | 0.0% |
| Water/Sand: | 0 | 0.0% |
| Repairing: | 1 | 4.5% |
| Unspecified: | 1 | 4.5% |

| Type of Vehicle | #VEH | % |
|---------------------------|-------------|----------|
| Passenger Car: | 38 | 86.4% |
| Bus: | 0 | 0.0% |
| Truck: | 4 | 9.1% |
| Taxi: | 2 | 4.5% |
| Minivan: | 0 | 0.0% |
| Police/Emergency Vehicle: | 0 | 0.0% |
| Motorcycle/Moped: | 0 | 0.0% |
| Bicycle: | 0 | 0.0% |
| Fixed Object: | 0 | 0.0% |
| Unspecified: | 0 | 0.0% |

| Accident Severity Type | #ACC | % |
|-------------------------------|-------------|----------|
| Fatal Collision: | 0 | 0.0% |
| Injury Collision: | 10 | 45.5% |
| PDO Collision: | 12 | 54.5% |

| Light Condition | #ACC | % |
|-------------------------|-------------|----------|
| Daylight: | 11 | 50.0% |
| Dawn/Dusk: | 3 | 13.6% |
| Dark(Lighted): | 8 | 36.4% |
| Dark(Not Lighted): | 0 | 0.0% |
| Dark(Unknown Lighting): | 0 | 0.0% |
| Unspecified: | 0 | 0.0% |

| Contributing Factor | #VEH | % |
|----------------------------|-------------|----------|
| Driver: Speed: | 0 | 0.0% |
| Driver: Alcohol/Drug: | 0 | 0.0% |
| Driver: Electronic Device: | 0 | 0.0% |
| Driver: Others: | 9 | 20.5% |
| Vehicle: | 0 | 0.0% |
| Roadway: | 0 | 0.0% |
| Unspecified: | 35 | 79.5% |

| Pedestrian Actions | #ACC | % |
|------------------------------|-------------|----------|
| In Crosswalk with Signal: | 0 | 0.0% |
| In Crosswalk against Signal: | 0 | 0.0% |
| In Crosswalk no Signal: | 0 | 0.0% |
| In Unmarked Crosswalk: | 0 | 0.0% |
| Not in Crosswalk: | 0 | 0.0% |
| From Between Parked Cars: | 0 | 0.0% |
| Unspecified: | 1 | 100.0% |

9 Records are not approved as of 1/14/2014 12:58:00 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: PENNSYLVANIA AVE,NW,SE From ALABAMA AVE,SE TO FORTIETH ST,SE

Time Period Covered: From 02/01/2011 To 02/01/2012

Prepared By: Rahul Jain

Prepared Date: 1/14/2014

| | | | | | | | |
|--|----|-----------------------|-------------|-------------|-----------------------|-------------------------------|----------|
| Total Number of Accident: | 14 | Collision Type | #ACC | % | Collision Type | #ACC | % |
| Total Number of Fatalities: | 0 | Right Angle: | 2 | 14.3% | Fixed Object: | 0 | 0.0% |
| Total Number of Injuries: | 8 | Left Turn: | 2 | 14.3% | Ran Off Road: | 0 | 0.0% |
| Total Number of Disabling Injuries: | 4 | Right Turn: | 1 | 7.1% | Ped. Involved: | 2 | 14.3% |
| Total Number of NonDisabling Injuries: | 0 | Rear End: | 1 | 7.1% | Backing: | 1 | 7.1% |
| Total Number of Pedestrians Involved: | 2 | Side Swiped: | 3 | 21.4% | Non Collision: | 0 | 0.0% |
| Total Number of Bicycles Involved: | 0 | Head On: | 1 | 7.1% | Under/Over Ride: | 0 | 0.0% |
| Total Number of Motorcycles Involved: | 0 | Parked: | 0 | 0.0% | Unspecified: | 1 | 7.1% |
| Time of Day | | | | #ACC | % | Day o fweek | |
| 07:30 ~ 09:30: | | | | 0 | 0.0% | Sunday: | |
| 09:30 ~ 11:30: | | | | 2 | 14.3% | Monday: | |
| 11:30 ~ 13:30: | | | | 0 | 0.0% | Tuesday: | |
| 13:30 ~ 16:00: | | | | 1 | 7.1% | Wednesday: | |
| 16:00 ~18:30: | | | | 3 | 21.4% | Thursday: | |
| 18:30 ~ 07:30: | | | | 8 | 57.1% | Friday: | |
| Unspecified: | | | | 0 | 0.0% | Saturday: | |
| Weather Condition | | | | #ACC | % | Surface Condition | |
| Clear: | | | | 13 | 92.9% | Dry: | |
| Rain: | | | | 1 | 7.1% | 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: | | | | 18 | 72.0% | Fatal Collision: | |
| Bus: | | | | 1 | 4.0% | Injury Collision: | |
| Truck: | | | | 3 | 12.0% | PDO Collision: | |
| Taxi: | | | | 1 | 4.0% | Light Condition | |
| Minivan: | | | | 0 | 0.0% | Daylight: | |
| Police/Emergency Vehicle: | | | | 1 | 4.0% | 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: | | | | 1 | 4.0% | Unspecified: | |
| Contributing Factor | | | | #VEH | % | Pedestrian Actions | |
| Driver: Speed: | | | | 0 | 0.0% | In Crosswalk with Signal: | |
| Driver: Alcohol/Drug: | | | | 1 | 4.0% | In Crosswalk against Signal: | |
| Driver: Electronic Device: | | | | 0 | 0.0% | In Crosswalk no Signal: | |
| Driver: Others: | | | | 8 | 32.0% | In Unmarked Crosswalk: | |
| Vehicle: | | | | 0 | 0.0% | Not in Crosswalk: | |
| Roadway: | | | | 0 | 0.0% | From Between Parked Cars: | |
| Unspecified: | | | | 16 | 64.0% | Unspecified: | |

11 Records are not approved as of 1/14/2014 12:57:01 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: PENNSYLVANIA AVE,NW,SE From ALABAMA AVE,SE TO FORTIETH ST,SE

Time Period Covered: From 02/01/2012 To 02/01/2013

Prepared By: Rahul Jain

Prepared Date: 1/14/2014

| | | | | | | | |
|--|----|-----------------------|-------------|-------------|-----------------------|-------------------------------|----------|
| Total Number of Accident: | 24 | Collision Type | #ACC | % | Collision Type | #ACC | % |
| Total Number of Fatalities: | 0 | Right Angle: | 2 | 8.3% | Fixed Object: | 3 | 12.5% |
| Total Number of Injuries: | 9 | Left Turn: | 1 | 4.2% | Ran Off Road: | 0 | 0.0% |
| Total Number of Disabling Injuries: | 0 | Right Turn: | 0 | 0.0% | Ped. Involved: | 1 | 4.2% |
| Total Number of NonDisabling Injuries: | 2 | Rear End: | 8 | 33.3% | Backing: | 0 | 0.0% |
| Total Number of Pedestrians Involved: | 1 | Side Swiped: | 8 | 33.3% | Non Collision: | 0 | 0.0% |
| Total Number of Bicycles Involved: | 0 | Head On: | 0 | 0.0% | Under/Over Ride: | 0 | 0.0% |
| Total Number of Motorcycles Involved: | 0 | Parked: | 0 | 0.0% | Unspecified: | 1 | 4.2% |
| Time of Day | | | | #ACC | % | Day of week | |
| 07:30 ~ 09:30: | | | | 5 | 20.8% | Sunday: | |
| 09:30 ~ 11:30: | | | | 4 | 16.7% | Monday: | |
| 11:30 ~ 13:30: | | | | 1 | 4.2% | Tuesday: | |
| 13:30 ~ 16:00: | | | | 2 | 8.3% | Wednesday: | |
| 16:00 ~ 18:30: | | | | 1 | 4.2% | Thursday: | |
| 18:30 ~ 07:30: | | | | 11 | 45.8% | Friday: | |
| Unspecified: | | | | 0 | 0.0% | Saturday: | |
| 07:30 ~ 09:30: | | | | 5 | 20.8% | Sunday: | |
| 09:30 ~ 11:30: | | | | 4 | 16.7% | Monday: | |
| 11:30 ~ 13:30: | | | | 1 | 4.2% | Tuesday: | |
| 13:30 ~ 16:00: | | | | 2 | 8.3% | Wednesday: | |
| 16:00 ~ 18:30: | | | | 1 | 4.2% | Thursday: | |
| 18:30 ~ 07:30: | | | | 11 | 45.8% | Friday: | |
| Unspecified: | | | | 0 | 0.0% | Saturday: | |
| Weather Condition | | | | #ACC | % | Surface Condition | |
| Clear: | | | | 20 | 83.3% | Dry: | |
| Rain: | | | | 1 | 4.2% | 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: | | | | 3 | 12.5% | Unspecified: | |
| Clear: | | | | 20 | 83.3% | Dry: | |
| Rain: | | | | 1 | 4.2% | 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: | | | | 3 | 12.5% | Unspecified: | |
| Type of Vehicle | | | | #VEH | % | Accident Severity Type | |
| Passenger Car: | | | | 43 | 89.6% | Fatal Collision: | |
| Bus: | | | | 0 | 0.0% | Injury Collision: | |
| Truck: | | | | 2 | 4.2% | PDO Collision: | |
| Taxi: | | | | 0 | 0.0% | | |
| Minivan: | | | | 0 | 0.0% | Light Condition | |
| Police/Emergency Vehicle: | | | | 1 | 2.1% | Daylight: | |
| Motorcycle/Moped: | | | | 0 | 0.0% | Dawn/Dusk: | |
| Bicycle: | | | | 0 | 0.0% | Dark(Lighted): | |
| Fixed Object: | | | | 0 | 0.0% | Dark(Not Lighted): | |
| Unspecified: | | | | 2 | 4.2% | Dark(Unknown Lighting): | |
| Passenger Car: | | | | 43 | 89.6% | Unspecified: | |
| Bus: | | | | 0 | 0.0% | | |
| Truck: | | | | 2 | 4.2% | | |
| Taxi: | | | | 0 | 0.0% | | |
| Minivan: | | | | 0 | 0.0% | | |
| Police/Emergency Vehicle: | | | | 1 | 2.1% | | |
| Motorcycle/Moped: | | | | 0 | 0.0% | | |
| Bicycle: | | | | 0 | 0.0% | | |
| Fixed Object: | | | | 0 | 0.0% | | |
| Unspecified: | | | | 2 | 4.2% | | |
| Contributing Factor | | | | #VEH | % | Pedestrian Actions | |
| Driver: Speed: | | | | 1 | 2.1% | In Crosswalk with Signal: | |
| Driver: Alcohol/Drug: | | | | 1 | 2.1% | In Crosswalk against Signal: | |
| Driver: Electronic Device: | | | | 0 | 0.0% | In Crosswalk no Signal: | |
| Driver: Others: | | | | 9 | 18.8% | In Unmarked Crosswalk: | |
| Vehicle: | | | | 0 | 0.0% | Not in Crosswalk: | |
| Roadway: | | | | 0 | 0.0% | From Between Parked Cars: | |
| Unspecified: | | | | 37 | 77.1% | Unspecified: | |
| Driver: Speed: | | | | 1 | 2.1% | In Crosswalk with Signal: | |
| Driver: Alcohol/Drug: | | | | 1 | 2.1% | In Crosswalk against Signal: | |
| Driver: Electronic Device: | | | | 0 | 0.0% | In Crosswalk no Signal: | |
| Driver: Others: | | | | 9 | 18.8% | In Unmarked Crosswalk: | |
| Vehicle: | | | | 0 | 0.0% | Not in Crosswalk: | |
| Roadway: | | | | 0 | 0.0% | From Between Parked Cars: | |
| Unspecified: | | | | 37 | 77.1% | Unspecified: | |

19 Records are not approved as of 1/14/2014 12:55:55 PM

DC Department of Transportation - Traffic Accident Reporting and Analysis System

Accident Summary Report (R-8)

Corridor: PENNSYLVANIA AVE,NW,SE From ALABAMA AVE,SE TO FORTIETH ST,SE

Time Period Covered: From 02/01/2013 To 12/31/2013

Prepared By: Rahul Jain

Prepared Date: 1/14/2014

| | | Collision Type | #ACC | % | Collision Type | #ACC | % |
|--|----|-----------------------|-------------|----------|-----------------------|-------------|----------|
| Total Number of Accident: | 18 | Right Angle: | 0 | 0.0% | Fixed Object: | 0 | 0.0% |
| Total Number of Fatalities: | 0 | Left Turn: | 3 | 16.7% | Ran Off Road: | 1 | 5.6% |
| Total Number of Injuries: | 7 | Right Turn: | 0 | 0.0% | Ped. Involved: | 3 | 16.7% |
| Total Number of Disabling Injuries: | 1 | Rear End: | 6 | 33.3% | Backing: | 0 | 0.0% |
| Total Number of NonDisabling Injuries: | 0 | Side Swiped: | 3 | 16.7% | Non Collision: | 0 | 0.0% |
| Total Number of Pedestrians Involved: | 3 | Head On: | 1 | 5.6% | Under/Over Ride: | 0 | 0.0% |
| Total Number of Bicycles Involved: | 0 | Parked: | 1 | 5.6% | Unspecified: | 0 | 0.0% |
| Total Number of Motorcycles Involved: | 0 | | | | | | |

| Time of Day | #ACC | % |
|--------------------|-------------|----------|
| 07:30 ~ 09:30: | 1 | 5.6% |
| 09:30 ~ 11:30: | 2 | 11.1% |
| 11:30 ~ 13:30: | 1 | 5.6% |
| 13:30 ~ 16:00: | 6 | 33.3% |
| 16:00 ~18:30: | 1 | 5.6% |
| 18:30 ~ 07:30: | 7 | 38.9% |
| Unspecified: | 0 | 0.0% |

| Day o fweek | #ACC | % |
|--------------------|-------------|----------|
| Sunday: | 0 | 0.0% |
| Monday: | 5 | 27.8% |
| Tuesday: | 2 | 11.1% |
| Wednesday: | 3 | 16.7% |
| Thursday: | 1 | 5.6% |
| Friday: | 5 | 27.8% |
| Saturday: | 2 | 11.1% |

| Weather Condition | #ACC | % |
|--------------------------|-------------|----------|
| Clear: | 15 | 83.3% |
| Rain: | 1 | 5.6% |
| Snow: | 0 | 0.0% |
| Sleet/Hail: | 0 | 0.0% |
| Fog/Mist: | 1 | 5.6% |
| Crosswind/Blowing Sand: | 0 | 0.0% |
| Unspecified: | 1 | 5.6% |

| Surface Condition | #ACC | % |
|--------------------------|-------------|----------|
| Dry: | 16 | 88.9% |
| Wet: | 1 | 5.6% |
| Snow/Ice: | 0 | 0.0% |
| Slush: | 0 | 0.0% |
| Water/Sand: | 0 | 0.0% |
| Repairing: | 0 | 0.0% |
| Unspecified: | 1 | 5.6% |

| Type of Vehicle | #VEH | % |
|---------------------------|-------------|----------|
| Passenger Car: | 26 | 81.3% |
| Bus: | 2 | 6.3% |
| Truck: | 2 | 6.3% |
| Taxi: | 1 | 3.1% |
| Minivan: | 0 | 0.0% |
| Police/Emergency Vehicle: | 0 | 0.0% |
| Motorcycle/Moped: | 0 | 0.0% |
| Bicycle: | 0 | 0.0% |
| Fixed Object: | 0 | 0.0% |
| Unspecified: | 1 | 3.1% |

| Accident Severity Type | #ACC | % |
|-------------------------------|-------------|----------|
| Fatal Collision: | 0 | 0.0% |
| Injury Collision: | 5 | 27.8% |
| PDO Collision: | 13 | 72.2% |

| Light Condition | #ACC | % |
|-------------------------|-------------|----------|
| Daylight: | 14 | 77.8% |
| Dawn/Dusk: | 0 | 0.0% |
| Dark(Lighted): | 4 | 22.2% |
| Dark(Not Lighted): | 0 | 0.0% |
| Dark(Unknown Lighting): | 0 | 0.0% |
| Unspecified: | 0 | 0.0% |

| Contributing Factor | #VEH | % |
|----------------------------|-------------|----------|
| Driver: Speed: | 1 | 3.1% |
| Driver: Alcohol/Drug: | 1 | 3.1% |
| Driver: Electronic Device: | 0 | 0.0% |
| Driver: Others: | 5 | 15.6% |
| Vehicle: | 0 | 0.0% |
| Roadway: | 1 | 3.1% |
| Unspecified: | 24 | 75.0% |

| Pedestrian Actions | #ACC | % |
|------------------------------|-------------|----------|
| In Crosswalk with Signal: | 1 | 33.3% |
| In Crosswalk against Signal: | 1 | 33.3% |
| In Crosswalk no Signal: | 1 | 33.3% |
| In Unmarked Crosswalk: | 0 | 0.0% |
| Not in Crosswalk: | 0 | 0.0% |
| From Between Parked Cars: | 0 | 0.0% |
| Unspecified: | 0 | 0.0% |

5 Records are not approved as of 1/14/2014 12:54:48 PM