

**Swarthmore Borough Police Department  
121 Park Ave.  
Swarthmore, PA 19081  
(610) 543-0123**

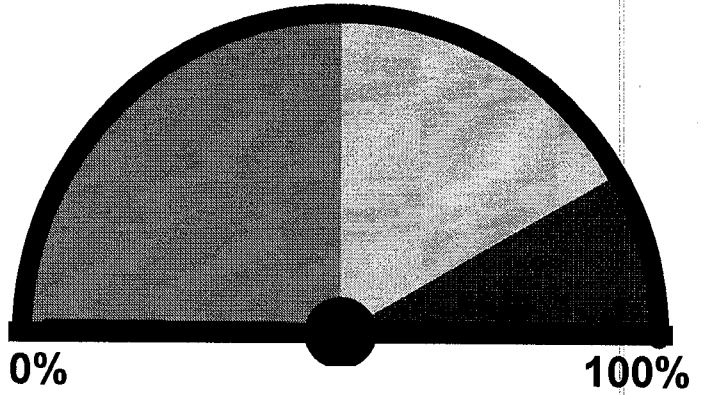
**Speed Enforcement Evaluator**

**Location:**  
**Unit Block Yale Avenue**

**Total Percentage of  
Enforceable Violations**

**Closest Cross Street:**

**Analysis Dates:**  
Wednesday, November 16, 2016  
Friday, December 02, 2016

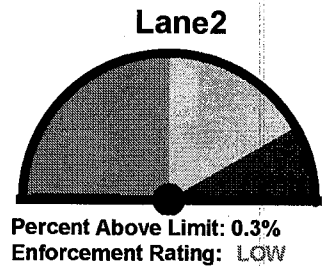
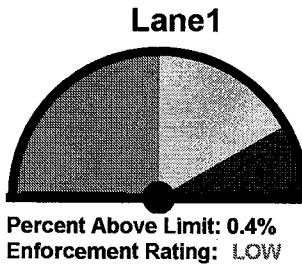


**Equipment Used:**

**0% 100%**  
**Posted Speed Limit: 25 MPH**  
**Enforcement Tolerance: 15 MPH**  
**Enforcement Limit: 41 MPH & Up**  
**Percentage Above Limit: 0.3%**  
**Enforcement Rating: LOW**

**Installed By:**

**Requested By:**



Combined

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
22	241	531	4218	26429	33272	11860	1721	195	36	12	6	0	15

85 percentile = 30

Lane1

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
9	122	243	2251	13496	16283	6064	1102	134	23	4	0	0	0

85 percentile = 30

Lane2

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
13	119	288	1967	12933	16989	5796	619	61	13	8	6	0	15

85 percentile = 30

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Page 1  
 Site Code:  
 Station ID:  
 Unit Block Yale Avenue  
 Latitude: 0' 0.0000 South

Westbound

**Report for 11/16/2016 4:14:00 AM to 12/2/2016 3:43:36 PM**

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	374	2251	13496	16283	6064	1102	134	23	4	0	0	0	0	0
Percent	0.9	5.7	34.0	41.0	15.3	2.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	39357	37106	23610	7327	1263	161	27	4	0	0	0	0	0	0
Percent	99.1	93.4	59.4	18.4	3.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	20	21	22	26	26	27	31	32	34

Average Speed  
 (Mean) 27

Pace Speed 22-31  
 Number in 30251  
 Pace  
 Percent in 76.1  
 Pace

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 Site Code:  
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 Unit Block Yale Avenue  
 Latitude: 0' 0.0000 South

Eastbound  
**Report for 11/16/2016 4:14:00 AM to 12/2/2016 3:43:36 PM**

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-999
Count	420	1967	12933	16989	5796	619	61	13	8	6	0	2	3	10
Percent	1.1	5.1	33.3	43.8	14.9	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	38407	36440	23507	6518	722	103	42	29	21	15	15	13	10	0
Percent	98.9	93.9	60.5	16.8	1.9	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	20	22	22	26	27	27	31	32	33

Average Speed  
 (Mean) 27

Pace Speed 22-31  
 Number in 30594  
 Pace  
 Percent in 78.8  
 Pace

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Site Code:  
 Station ID:  
 Unit Block Yale Avenue  
 Latitude: 0' 0.0000 South

COMBINED - Westbound, Eastbound

**Report for 11/16/2016 4:14:00 AM to 12/2/2016 3:43:36 PM**

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	794	4218	26429	33272	11860	1721	195	36	12	6	0	2	3	10
Percent	1.0	5.4	33.6	42.4	15.1	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	77764	73546	47117	13845	1985	264	69	33	21	15	15	13	10	0
Percent	99.0	93.6	60.0	17.6	2.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	20	21	22	26	27	27	31	32	34

Average Speed  
 (Mean)

Pace Speed 22-31  
 Number in 60845

Pace  
 Percent in 77.5  
 Pace

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Site Code:  
 Station ID:  
 Unit Block Yale Avenue

Latitude: 0' 0.0000 South

															Direction 1
Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Total
11/16/2016	1	7	11	135	954	1165	350	28	3	1	0	0	0	0	2655
11/17/2016	0	12	21	99	905	1279	388	59	6	1	0	0	0	0	2770
11/18/2016	0	7	20	159	1138	1273	332	26	2	0	0	0	0	0	2957
11/19/2016	1	3	12	132	816	870	255	32	1	0	0	0	0	0	2122
11/20/2016	0	3	10	153	835	584	83	10	1	0	0	0	0	0	1679
11/21/2016	1	14	18	238	1320	1025	150	12	0	0	0	0	0	0	2778
11/22/2016	1	9	19	198	1249	1234	220	17	3	0	0	0	0	0	2950
11/23/2016	0	8	19	210	1261	1195	232	22	1	0	0	0	0	0	2948
11/24/2016	0	1	8	51	332	608	359	85	13	2	0	0	0	0	1459
11/25/2016	1	2	10	43	285	770	613	172	19	2	0	0	0	0	1917
11/26/2016	0	6	6	40	317	850	486	105	5	2	0	0	0	0	1817
11/27/2016	0	8	8	31	285	761	405	71	7	3	1	0	0	0	1580
11/28/2016	0	9	8	48	479	1206	722	144	14	1	0	0	0	0	2631
11/29/2016	1	12	20	296	1173	816	192	35	26	9	3	0	0	0	2583
11/30/2016	1	10	29	303	1324	820	116	11	0	0	0	0	0	0	2614
12/1/2016	0	8	17	76	562	1208	747	154	23	2	0	0	0	0	2797
12/2/2016	2	3	7	39	261	619	414	119	10	0	0	0	0	0	1474
Direction 1 Total	9	122	243	2251	13496	16283	6064	1102	134	23	4	0	0	0	39731

85 percentile = 30

															Direction 2
Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Total
11/16/2016	2	11	6	39	480	1459	586	74	7	2	0	0	0	0	2666
11/17/2016	3	10	8	41	360	1406	821	113	13	0	0	0	0	1	2776
11/18/2016	0	8	8	30	474	1461	701	79	7	0	1	0	0	0	2769
11/19/2016	0	2	12	33	346	1110	579	53	10	0	0	0	0	0	2145
11/20/2016	0	1	10	32	347	850	322	17	2	0	0	0	0	0	1581
11/21/2016	1	10	24	53	537	1461	538	44	3	1	0	0	0	1	2673
11/22/2016	1	7	16	37	422	1618	659	81	7	0	0	0	0	0	2848
11/23/2016	0	12	11	40	415	1595	799	92	4	0	0	1	0	0	2969
11/24/2016	0	2	6	109	595	493	168	18	0	0	1	0	0	0	1392
11/25/2016	1	4	20	120	951	687	87	2	1	0	0	0	0	0	1873
11/26/2016	0	3	24	110	788	713	72	2	1	0	0	0	0	0	1713
11/27/2016	0	5	23	59	699	672	105	5	0	0	0	0	0	0	1568
11/28/2016	1	12	26	157	1330	930	86	10	0	0	0	0	0	0	2552
11/29/2016	1	5	31	475	1526	425	54	14	4	9	6	5	0	11	2566
11/30/2016	1	13	31	395	1739	495	16	0	1	0	0	0	0	1	2692
12/1/2016	2	10	19	174	1336	1052	121	9	0	0	0	0	0	0	2723
12/2/2016	0	4	13	63	588	562	82	6	1	1	0	0	0	1	1321
Direction 2 Total	13	119	288	1967	12933	16989	5796	619	61	13	8	6	0	15	38827

85 percentile = 30

															Combined
Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Total
11/16/2016	3	18	17	174	1434	2624	936	102	10	3	0	0	0	0	5321
11/17/2016	3	22	29	140	1265	2685	1209	172	19	1	0	0	0	1	5546
11/18/2016	0	15	28	189	1612	2734	1033	105	9	0	1	0	0	0	5726
11/19/2016	1	5	24	165	1162	1980	834	85	11	0	0	0	0	0	4267
11/20/2016	0	4	20	185	1182	1434	405	27	3	0	0	0	0	0	3260
11/21/2016	2	24	42	291	1857	2486	688	56	3	1	0	0	0	1	5451
11/22/2016	2	16	35	235	1671	2852	879	98	10	0	0	0	0	0	5798
11/23/2016	0	20	30	250	1676	2790	1031	114	5	0	0	1	0	0	5917
11/24/2016	0	3	14	160	927	1101	527	103	13	2	1	0	0	0	2851
11/25/2016	2	6	30	163	1236	1457	700	174	20	2	0	0	0	0	3790
11/26/2016	0	9	30	150	1105	1563	558	107	6	2	0	0	0	0	3530
11/27/2016	0	13	31	90	984	1433	510	76	7	3	1	0	0	0	3148
11/28/2016	1	21	34	205	1809	2136	808	154	14	1	0	0	0	0	5183

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11/29/2016	2	17	51	771	2699	1241	246	49	30	18	9	5	0	11	5149
11/30/2016	2	23	60	698	3063	1315	132	11	1	0	0	0	0	1	5306
12/1/2016	2	18	36	250	1898	2260	868	163	23	2	0	0	0	0	5520
12/2/2016	2	7	20	102	849	1181	496	125	11	1	0	0	0	1	2795
Combined Total	22	241	531	4218	26429	33272	11860	1721	195	36	12	6	0	15	78558

85 percentile = 30

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**Best Times for Enforcement**

**Location:**

**Unit Block Yale Avenue**

**GPS:**

Not Available

**Closest Cross Street:**

**Analysis Dates:**

Wednesday, November 16, 2016

Friday, December 02, 2016

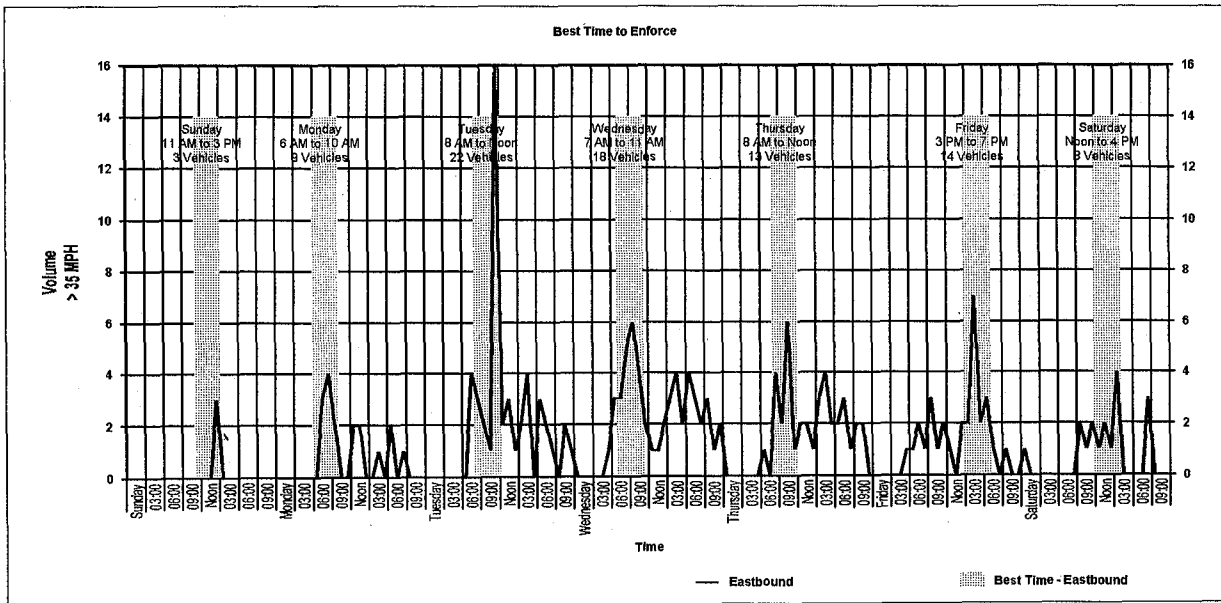
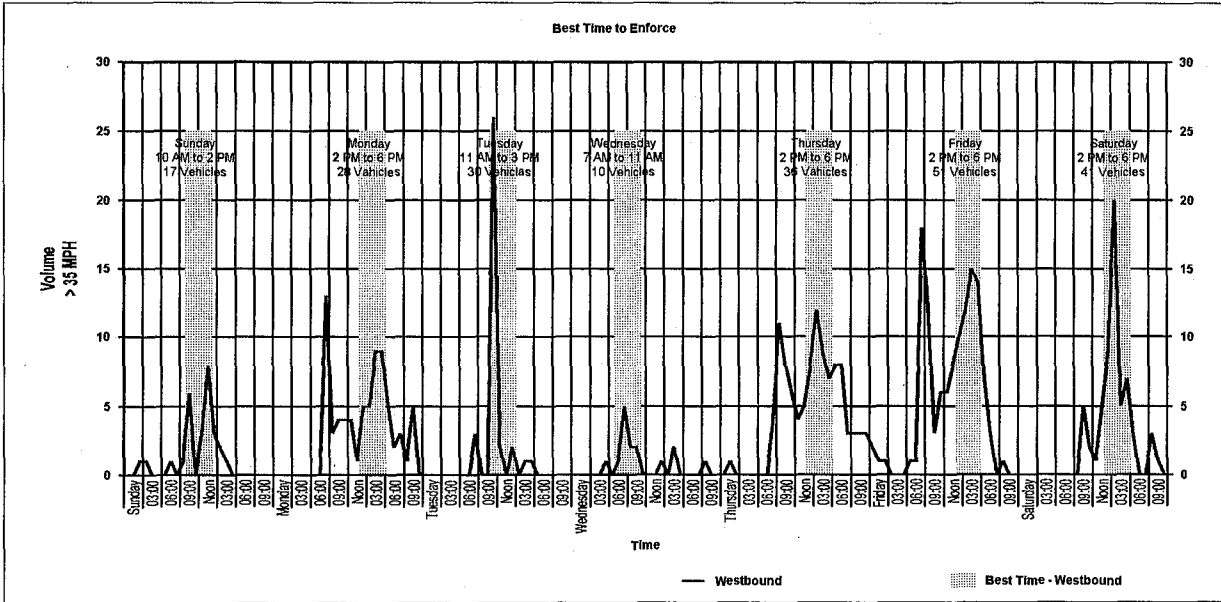
**Equipment Used:**

**Installed By:**

**Requested By:**

<b>Sun</b>	Combined: Noon to 4 PM Westbound: 10 AM to 2 PM Eastbound: 11 AM to 3 PM
<b>Mon</b>	Combined: 8 AM to Noon Westbound: 2 PM to 6 PM Eastbound: 6 AM to 10 AM
<b>Tue</b>	Combined: 11 AM to 3 PM Westbound: 11 AM to 3 PM Eastbound: 8 AM to Noon
<b>Wed</b>	Combined: 7 AM to 11 AM Westbound: 7 AM to 11 AM Eastbound: 7 AM to 11 AM
<b>Thu</b>	Combined: 3 PM to 7 PM Westbound: 2 PM to 6 PM Eastbound: 8 AM to Noon
<b>Fri</b>	Combined: 2 PM to 6 PM Westbound: 2 PM to 6 PM Eastbound: 3 PM to 7 PM
<b>Sat</b>	Combined: 1 PM to 5 PM Westbound: 2 PM to 6 PM Eastbound: Noon to 4 PM

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