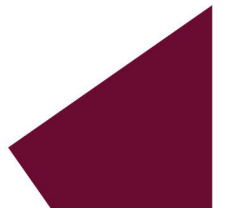


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# ROADWAY TRAFFIC DATA



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/08/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	1	510	72	<b>2</b>	14	0	0	5	1	0	0	0	0	605
16:00	4	830	<b>74</b>	1	<b>19</b>	<b>2</b>	0	<b>6</b>	<b>3</b>	0	0	0	0	<b>939</b>
17:00	2	<b>835</b>	65	2	9	1	0	1	0	0	0	0	<b>1</b>	916
18:00	2	418	43	0	8	1	0	3	3	0	0	0	0	478
19:00	4	330	28	0	2	0	0	1	3	0	0	0	0	368
20:00	<b>5</b>	229	21	1	2	1	0	0	1	0	0	0	0	260
21:00	1	174	12	0	3	0	0	0	1	0	0	0	0	191
22:00	3	119	15	0	0	1	0	0	0	0	0	0	0	138
23:00	1	73	4	0	2	0	0	0	0	0	0	0	0	80
Day Total	23	3518	334	6	59	6	0	16	12	0	0	0	1	3975
Percent	0.6%	88.5%	8.4%	0.2%	1.5%	0.2%	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	20:00	17:00	16:00	15:00	16:00	16:00		16:00	16:00				17:00	16:00
	5	835	74	2	19	2		6	3				1	939

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/09/16	0	34	3	0	1	1	0	0	0	0	0	0	0	39
01:00	2	15	1	0	0	1	0	0	0	0	0	0	0	19
02:00	1	8	2	0	0	1	0	0	1	0	0	0	0	13
03:00	0	17	3	0	1	0	0	0	0	0	0	0	0	21
04:00	1	20	5	1	1	1	0	0	1	0	0	0	0	30
05:00	0	92	17	1	2	3	0	0	0	0	0	0	0	115
06:00	2	167	46	4	11	4	0	2	1	0	0	0	0	237
07:00	2	396	48	1	15	6	0	1	1	0	0	0	0	470
08:00	0	395	65	4	11	3	0	7	1	0	0	0	0	486
09:00	5	361	66	3	14	2	1	7	2	0	0	0	0	461
10:00	0	334	65	4	12	3	0	1	2	0	0	0	0	421
11:00	6	400	74	2	10	4	0	2	1	0	0	0	0	499
12 PM	3	523	79	2	14	4	0	1	2	0	0	0	0	628
13:00	7	473	71	1	13	7	0	5	1	0	0	0	0	578
14:00	4	410	69	0	20	7	0	4	2	0	0	0	0	516
15:00	9	526	75	0	12	7	0	4	2	0	1	0	0	636
16:00	3	860	70	1	11	2	0	9	2	0	0	0	0	958
17:00	3	845	61	1	12	2	0	2	1	0	0	0	0	927
18:00	2	446	38	0	6	0	0	2	2	0	0	0	0	496
19:00	4	325	26	0	5	0	0	0	1	0	0	0	0	361
20:00	2	267	25	0	6	0	0	2	1	0	0	0	0	303
21:00	2	184	13	1	5	0	0	1	0	0	0	0	0	206
22:00	2	100	15	0	0	1	0	0	2	0	0	0	0	120
23:00	1	72	10	0	1	2	0	0	0	0	0	0	0	86
Day Total	61	7270	947	26	183	61	1	50	26	0	1	0	0	8626
Percent	0.7%	84.3%	11.0%	0.3%	2.1%	0.7%	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	06:00	07:00	07:00	09:00	08:00	09:00					11:00
Vol.	6	400	74	4	15	6	1	7	2					499
PM Peak	15:00	16:00	12:00	12:00	14:00	13:00		16:00	12:00		15:00			16:00
Vol.	9	860	79	2	20	7		9	2		1			958

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/10/16	1	43	0	0	0	2	0	0	0	0	0	0	0	46
01:00	1	28	3	0	0	1	0	0	0	0	0	0	0	33
02:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17
03:00	2	11	1	0	0	1	0	0	0	0	0	0	0	15
04:00	0	28	8	1	2	1	0	0	1	0	0	0	0	41
05:00	1	97	15	0	4	1	0	0	1	0	0	0	0	119
06:00	2	173	41	3	11	5	0	3	1	0	0	0	0	239
07:00	3	402	53	<b>5</b>	14	<b>7</b>	0	1	2	0	0	0	0	487
08:00	3	<b>436</b>	<b>69</b>	5	12	5	0	<b>8</b>	2	0	0	0	0	<b>540</b>
09:00	4	338	67	2	<b>18</b>	5	0	7	<b>3</b>	0	0	0	0	444
10:00	<b>6</b>	346	61	1	15	5	0	3	2	0	0	0	0	439
11:00	1	407	62	3	13	2	0	2	2	0	0	0	0	492
12 PM	0	530	66	<b>3</b>	<b>18</b>	3	<b>1</b>	<b>5</b>	1	0	0	0	0	627
13:00	<b>4</b>	473	75	1	11	<b>7</b>	1	5	0	0	0	0	0	577
14:00	3	447	62	2	18	2	0	5	<b>4</b>	0	0	0	0	543
15:00	2	558	79	1	15	3	0	2	0	0	0	0	0	660
16:00	2	960	<b>81</b>	2	14	0	0	3	1	0	0	0	0	<b>1063</b>
17:00	3	<b>972</b>	64	0	13	3	0	3	2	0	0	0	0	1060
18:00	1	480	46	0	11	2	0	0	3	0	0	0	0	543
19:00	4	325	31	0	3	3	0	1	0	0	0	0	0	367
20:00	0	272	25	0	5	1	0	0	0	0	0	0	0	303
21:00	1	169	12	0	2	2	0	0	0	0	0	0	0	186
22:00	0	100	6	0	2	1	0	0	0	0	0	0	0	109
23:00	1	81	4	0	0	1	0	0	0	0	0	0	0	87
Day Total	45	7689	935	29	201	63	2	48	25	0	0	0	0	9037
Percent	0.5%	85.1%	10.3%	0.3%	2.2%	0.7%	0.0%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	08:00	08:00	07:00	09:00	07:00		08:00	09:00					08:00
Vol.	6	436	69	5	18	7		8	3					540
PM Peak	13:00	17:00	16:00	12:00	12:00	13:00	12:00	12:00	14:00					16:00
Vol.	4	972	81	3	18	7	1	5	4					1063

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369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/11/16	1	38	1	0	0	3	0	0	0	0	0	0	0	43
01:00	0	21	3	0	0	0	0	0	0	0	0	0	0	24
02:00	2	16	0	0	0	2	0	0	0	0	0	0	0	20
03:00	0	16	1	1	0	1	0	0	1	0	0	0	0	20
04:00	1	23	7	0	1	1	0	0	1	0	0	0	0	34
05:00	0	81	15	0	5	4	0	1	1	0	0	0	0	107
06:00	0	190	41	<b>5</b>	18	2	0	0	<b>3</b>	0	0	0	0	259
07:00	1	420	48	2	12	4	0	3	1	0	0	0	0	491
08:00	<b>4</b>	<b>425</b>	56	5	11	<b>6</b>	0	<b>5</b>	1	0	0	0	0	513
09:00	4	334	<b>63</b>	2	22	3	0	2	1	0	0	0	0	431
10:00	3	353	54	4	15	3	0	4	2	0	0	0	0	438
11:00	2	424	55	4	<b>30</b>	3	0	4	2	0	0	0	0	<b>524</b>
12 PM	<b>10</b>	556	73	3	22	4	0	3	2	0	0	0	0	673
13:00	5	452	<b>80</b>	<b>4</b>	<b>26</b>	<b>8</b>	0	2	1	0	0	0	0	578
14:00	3	406	55	1	15	5	0	3	2	0	0	0	0	490
15:00	5	515	62	2	11	8	<b>1</b>	<b>5</b>	1	<b>1</b>	0	0	0	611
16:00	1	<b>895</b>	68	2	13	2	0	5	0	0	0	0	0	<b>986</b>
17:00	2	833	73	0	14	5	0	2	2	0	0	0	0	931
18:00	2	459	48	0	6	1	0	0	1	0	0	0	0	517
19:00	3	351	25	0	5	2	0	1	<b>5</b>	0	0	0	0	392
20:00	1	333	24	0	3	0	0	0	1	0	0	0	0	362
21:00	1	203	17	0	3	1	0	0	1	0	0	0	0	226
22:00	1	112	10	0	0	2	0	0	1	0	0	0	0	126
23:00	1	73	7	0	0	1	0	0	2	0	0	0	0	84
Day Total	53	7529	886	35	232	71	1	40	32	1	0	0	0	8880
Percent	0.6%	84.8%	10.0%	0.4%	2.6%	0.8%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	08:00	09:00	06:00	11:00	08:00		08:00	06:00					11:00
Vol.	4	425	63	5	30	6		5	3					524
PM Peak	12:00	16:00	13:00	13:00	13:00	13:00	15:00	15:00	19:00	15:00				16:00
Vol.	10	895	80	4	26	8	1	5	5	1				986

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369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/12/16	2	53	5	0	0	4	0	0	0	0	0	0	0	64
01:00	0	26	2	0	0	0	0	0	3	0	0	0	0	31
02:00	0	16	1	0	0	2	0	0	2	0	0	0	0	21
03:00	0	17	2	0	0	0	0	0	1	0	0	0	0	20
04:00	0	23	4	1	2	2	0	0	0	0	0	0	0	32
05:00	2	77	19	1	6	4	0	0	1	0	0	0	0	110
06:00	5	182	38	3	7	<b>8</b>	0	0	1	0	0	0	0	244
07:00	4	356	49	<b>5</b>	17	6	<b>1</b>	1	0	0	0	0	0	439
08:00	4	382	<b>73</b>	4	<b>19</b>	3	0	3	2	<b>1</b>	0	0	0	491
09:00	3	345	50	5	17	4	0	4	2	0	0	0	0	430
10:00	4	340	72	3	13	4	0	1	<b>4</b>	0	0	0	0	441
11:00	<b>6</b>	<b>451</b>	63	5	12	7	0	<b>5</b>	1	0	0	0	0	<b>550</b>
12 PM	3	581	<b>78</b>	<b>5</b>	18	2	<b>1</b>	4	<b>3</b>	0	0	0	0	695
13:00	<b>4</b>	494	58	1	19	1	0	2	2	0	0	0	0	581
14:00	1	448	66	0	11	<b>5</b>	0	<b>8</b>	1	0	0	0	0	540
15:00	1	514	65	2	<b>22</b>	5	0	2	0	0	0	0	0	611
16:00	2	<b>786</b>	72	2	12	1	0	2	2	0	0	0	0	<b>879</b>
17:00	3	734	50	0	9	0	1	2	1	0	0	0	0	800
18:00	0	424	46	0	6	2	0	0	2	0	0	0	0	480
19:00	0	352	29	0	4	1	0	1	1	0	0	<b>1</b>	0	389
20:00	1	243	21	1	4	0	0	1	1	0	0	0	0	272
21:00	0	218	21	0	1	0	0	0	1	0	0	0	0	241
22:00	3	172	13	0	2	2	0	0	1	0	0	0	0	193
23:00	0	114	5	0	2	0	0	0	1	0	0	0	0	122
Day Total	48	7348	902	38	203	63	3	36	33	1	0	1	0	8676
Percent	0.6%	84.7%	10.4%	0.4%	2.3%	0.7%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	08:00	07:00	08:00	06:00	07:00	11:00	10:00	08:00				11:00
Vol.	6	451	73	5	19	8	1	5	4	1				550
PM Peak	13:00	16:00	12:00	12:00	15:00	14:00	12:00	14:00	12:00			19:00		16:00
Vol.	4	786	78	5	22	5	1	8	3			1		879

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369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/13/16	0	69	5	0	0	0	0	0	1	0	0	0	0	75
01:00	0	39	3	0	1	0	0	0	1	0	0	0	0	44
02:00	1	28	3	0	0	1	0	1	0	0	0	0	0	34
03:00	0	24	1	0	1	0	0	0	0	0	0	0	0	26
04:00	1	18	0	0	0	0	0	0	0	0	0	0	0	19
05:00	0	33	8	0	1	0	0	0	0	0	0	0	0	42
06:00	0	87	14	0	5	2	0	0	0	0	0	0	0	108
07:00	0	153	21	3	3	1	0	1	0	0	0	0	0	182
08:00	4	204	30	0	3	0	0	0	2	0	0	0	0	243
09:00	3	293	38	0	7	0	0	0	0	0	0	0	0	341
10:00	1	<b>347</b>	<b>42</b>	0	7	0	0	1	2	0	0	0	0	<b>400</b>
11:00	3	333	34	0	5	1	0	0	0	0	0	0	0	376
12 PM	<b>6</b>	<b>352</b>	36	<b>1</b>	4	<b>1</b>	0	<b>1</b>	<b>3</b>	0	0	0	0	<b>404</b>
13:00	1	351	<b>40</b>	0	6	1	0	1	0	0	0	0	0	400
14:00	1	304	26	0	5	1	0	0	0	0	0	0	0	337
15:00	1	260	35	0	2	0	0	1	0	0	0	0	0	299
16:00	0	309	34	0	7	0	0	1	0	0	0	0	0	351
17:00	1	252	28	0	3	1	0	1	2	0	0	0	0	288
18:00	1	249	28	0	4	0	0	1	1	0	0	0	0	284
19:00	1	239	29	0	2	0	0	0	0	0	0	0	0	271
20:00	2	215	19	0	2	1	0	0	0	0	0	0	0	239
21:00	0	185	20	1	2	0	0	0	0	0	0	0	0	208
22:00	0	155	12	0	0	0	0	0	1	0	0	0	0	168
23:00	1	90	4	0	0	0	0	0	0	0	0	0	0	95
Day Total	28	4589	510	5	70	10	0	9	13	0	0	0	0	5234
Percent	0.5%	87.7%	9.7%	0.1%	1.3%	0.2%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	10:00	10:00	07:00	09:00	06:00		02:00	08:00					10:00
Vol.	4	347	42	3	7	2		1	2					400
PM Peak	12:00	12:00	13:00	12:00	16:00	12:00		12:00	12:00					12:00
Vol.	6	352	40	1	7	1		1	3					404

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Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/14/16	0	49	5	0	0	0	0	0	0	0	0	0	0	54
01:00	0	30	3	0	1	0	0	0	0	0	0	0	0	34
02:00	0	31	2	0	1	0	0	0	0	0	0	0	0	34
03:00	0	18	0	0	0	0	0	0	0	0	0	0	0	18
04:00	0	12	0	0	0	0	0	0	0	0	0	0	0	12
05:00	0	27	3	0	0	0	0	0	0	0	0	0	0	30
06:00	1	61	16	0	1	0	0	0	0	0	0	0	0	79
07:00	1	116	13	0	1	<b>1</b>	0	0	0	0	0	0	0	132
08:00	2	161	26	<b>1</b>	3	1	0	0	<b>1</b>	0	0	0	0	195
09:00	<b>3</b>	237	20	0	3	0	0	1	1	0	0	0	0	265
10:00	2	291	35	1	8	1	0	1	0	0	0	0	0	339
11:00	3	<b>350</b>	<b>39</b>	1	<b>9</b>	0	0	<b>2</b>	0	0	0	0	0	<b>404</b>
12 PM	2	<b>383</b>	29	0	6	<b>2</b>	0	2	0	0	0	0	0	<b>424</b>
13:00	2	312	32	0	<b>7</b>	1	0	0	0	0	0	0	0	354
14:00	7	353	30	1	6	1	0	1	0	0	0	0	0	399
15:00	<b>9</b>	355	40	0	1	0	0	0	0	0	0	0	0	405
16:00	1	296	21	0	6	0	0	0	0	0	0	0	0	324
17:00	0	294	32	0	6	0	0	1	0	0	0	0	0	333
18:00	1	288	20	0	4	1	0	0	2	0	0	0	0	316
19:00	4	354	<b>45</b>	<b>2</b>	7	0	0	<b>3</b>	<b>6</b>	0	0	0	0	421
20:00	0	195	28	0	5	0	0	1	2	0	0	0	0	231
21:00	1	119	14	0	1	1	0	0	2	0	0	0	0	138
22:00	0	74	13	0	1	0	0	0	1	0	0	0	0	89
23:00	1	62	5	0	0	1	0	0	1	0	0	0	0	70
Day Total	40	4468	471	6	77	10	0	12	16	0	0	0	0	5100
Percent	0.8%	87.6%	9.2%	0.1%	1.5%	0.2%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	11:00	08:00	11:00	07:00		11:00	08:00					11:00
Vol.	3	350	39	1	9	1		2	1					404
PM Peak	15:00	12:00	19:00	19:00	13:00	12:00		19:00	19:00					12:00
Vol.	9	383	45	2	7	2		3	6					424



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/15/16	3	27	1	0	1	3	0	0	0	0	0	0	0	35
01:00	0	22	1	0	0	0	0	0	0	0	0	0	0	23
02:00	0	10	2	0	1	0	0	0	0	0	0	0	0	13
03:00	0	12	6	0	0	0	0	1	0	0	0	0	0	19
04:00	0	25	2	0	1	2	0	0	1	0	0	0	0	31
05:00	1	74	19	0	3	1	0	1	0	0	0	0	0	99
06:00	5	175	53	7	13	4	1	0	2	0	0	0	0	260
07:00	3	383	44	2	13	4	0	4	0	0	0	0	0	453
08:00	1	<b>398</b>	63	4	<b>24</b>	4	0	<b>6</b>	0	0	0	0	0	<b>500</b>
09:00	2	306	<b>67</b>	7	11	3	0	1	1	0	0	0	0	398
10:00	5	349	47	2	13	4	0	3	0	0	0	0	0	423
11:00	<b>7</b>	356	54	3	19	3	0	4	2	0	0	0	0	448
12 PM	<b>6</b>	501	<b>73</b>	0	<b>20</b>	2	0	3	1	0	0	0	0	606
13:00	2	416	55	<b>3</b>	11	<b>4</b>	0	4	<b>6</b>	0	<b>1</b>	0	0	502
14:00	1	372	51	0	15	1	0	<b>8</b>	2	0	0	0	0	450
15:00	2	488	55	1	13	1	0	4	0	0	0	0	0	564
16:00	0	<b>815</b>	72	2	15	1	<b>1</b>	3	0	0	0	0	0	<b>909</b>
17:00	0	813	61	0	14	1	0	4	4	0	0	0	0	897
18:00	6	419	35	0	7	2	0	1	2	0	0	0	0	472
19:00	2	310	27	1	4	2	0	1	5	0	0	0	0	352
20:00	0	258	31	0	4	1	0	0	3	0	0	0	0	297
21:00	1	168	17	0	2	0	0	1	2	0	0	0	0	191
22:00	2	108	11	0	2	1	0	0	1	0	0	0	0	125
23:00	1	54	4	0	2	1	0	1	1	0	0	0	0	64
Day Total	50	6859	851	32	208	45	2	50	33	0	1	0	0	8131
Percent	0.6%	84.4%	10.5%	0.4%	2.6%	0.6%	0.0%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	08:00	09:00	06:00	08:00	06:00	06:00	08:00	06:00					08:00
Vol.	7	398	67	7	24	4	1	6	2					500
PM Peak	12:00	16:00	12:00	13:00	12:00	13:00	16:00	14:00	13:00		13:00			16:00
Vol.	6	815	73	3	20	4	1	8	6		1			909

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/16/16	0	37	2	0	0	0	0	0	<b>3</b>	0	0	0	0	42
01:00	2	21	3	0	0	0	0	0	0	0	0	0	0	26
02:00	0	18	2	0	0	0	0	0	0	0	0	0	0	20
03:00	0	10	3	0	0	1	0	0	1	0	0	0	0	15
04:00	0	22	5	0	2	0	0	0	1	0	0	0	0	30
05:00	2	73	19	2	3	2	<b>1</b>	0	0	0	0	0	0	102
06:00	0	188	53	<b>8</b>	9	5	0	2	0	0	0	0	0	265
07:00	4	383	61	3	13	<b>6</b>	0	1	0	0	0	0	0	471
08:00	1	<b>416</b>	57	6	8	6	0	<b>6</b>	1	0	0	0	0	<b>501</b>
09:00	<b>5</b>	343	67	5	18	2	0	5	1	0	0	0	0	446
10:00	4	322	42	4	<b>20</b>	5	0	3	2	0	0	0	0	402
11:00	2	387	<b>72</b>	7	20	3	0	4	3	0	0	0	0	498
12 PM	<b>6</b>	497	65	<b>4</b>	12	<b>6</b>	<b>1</b>	2	2	0	0	0	0	595
13:00	3	479	71	4	<b>17</b>	6	0	2	0	0	0	0	<b>1</b>	583
14:00	4	408	46	2	12	2	0	<b>9</b>	0	0	0	0	0	483
15:00	5	511	67	0	15	4	0	6	<b>4</b>	0	0	0	0	612
16:00	2	832	75	2	17	4	0	3	0	0	0	0	0	935
17:00	2	<b>914</b>	<b>76</b>	1	14	4	0	0	1	0	0	0	0	<b>1012</b>
18:00	2	382	33	3	11	2	0	2	2	0	0	0	0	437
19:00	1	289	26	0	3	3	0	1	2	0	0	0	0	325
20:00	2	270	31	0	3	3	0	0	3	0	0	0	0	312
21:00	2	186	20	0	4	2	0	0	1	0	0	0	0	215
22:00	2	110	8	0	4	2	0	0	0	0	0	0	0	126
23:00	1	71	2	0	1	1	0	0	0	0	0	0	0	76
Day Total	52	7169	906	51	206	69	2	46	27	0	0	0	1	8529
Percent	0.6%	84.1%	10.6%	0.6%	2.4%	0.8%	0.0%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	08:00	11:00	06:00	10:00	07:00	05:00	08:00	00:00					08:00
Vol.	5	416	72	8	20	6	1	6	3					501
PM Peak	12:00	17:00	17:00	12:00	13:00	12:00	12:00	14:00	15:00				13:00	17:00
Vol.	6	914	76	4	17	6	1	9	4				1	1012

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/17/16	1	38	3	0	0	1	0	0	<b>2</b>	0	0	0	0	45
01:00	1	21	2	0	0	2	0	0	0	0	0	0	0	26
02:00	0	14	3	0	0	0	0	1	0	0	0	0	0	18
03:00	1	13	4	1	1	2	0	0	1	0	0	0	0	23
04:00	0	21	6	1	0	2	0	0	0	0	0	0	0	30
05:00	2	87	13	1	6	2	0	1	1	0	0	0	0	113
06:00	0	180	50	3	18	1	0	1	0	0	0	0	0	253
07:00	8	383	69	2	16	9	0	3	1	0	0	0	0	491
08:00	9	412	63	3	<b>19</b>	<b>11</b>	0	<b>4</b>	2	0	0	0	0	<b>523</b>
09:00	8	320	59	3	15	4	0	3	1	0	0	0	0	413
10:00	4	344	53	<b>5</b>	14	4	0	3	1	0	0	0	0	428
11:00	<b>10</b>	<b>414</b>	<b>70</b>	5	18	4	0	2	0	0	0	0	0	523
12 PM	<b>10</b>	540	67	1	17	<b>10</b>	0	3	1	0	0	0	0	649
13:00	8	478	65	<b>3</b>	12	8	0	4	1	0	0	0	0	579
14:00	6	457	62	2	15	4	0	<b>5</b>	2	0	0	0	0	553
15:00	8	574	<b>76</b>	1	<b>19</b>	4	0	4	<b>3</b>	0	0	0	0	689
16:00	3	859	70	3	17	1	0	1	1	0	<b>1</b>	0	0	956
17:00	1	<b>903</b>	52	0	7	1	0	2	1	0	0	0	0	<b>967</b>
18:00	1	493	44	0	11	2	0	2	2	0	0	0	0	555
19:00	2	357	30	0	7	1	0	0	1	0	0	0	0	398
20:00	1	272	29	0	4	1	0	1	1	0	0	0	0	309
21:00	4	220	13	0	3	2	0	0	0	0	0	0	0	242
22:00	1	104	8	1	1	0	0	0	0	0	0	0	0	115
23:00	0	88	8	0	0	2	0	0	0	0	0	0	0	98
Day Total	89	7592	919	35	220	78	0	40	22	0	1	0	0	8996
Percent	1.0%	84.4%	10.2%	0.4%	2.4%	0.9%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	10:00	08:00	08:00		08:00	00:00					08:00
Vol.	10	414	70	5	19	11		4	2					523
PM Peak	12:00	17:00	15:00	13:00	15:00	12:00		14:00	15:00		16:00			17:00
Vol.	10	903	76	3	19	10		5	3		1			967

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/18/16	0	32	3	0	0	1	0	0	0	0	0	0	0	36
01:00	1	30	3	0	0	1	0	0	0	0	0	0	0	35
02:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17
03:00	0	18	4	0	0	1	0	0	0	0	0	0	0	23
04:00	0	26	8	1	0	1	0	0	0	0	0	0	0	36
05:00	2	80	17	0	5	4	0	3	0	0	0	0	0	111
06:00	1	196	50	7	11	5	1	3	0	0	0	0	0	274
07:00	1	417	58	6	21	4	1	3	1	0	0	0	0	512
08:00	5	421	65	3	16	6	0	4	1	0	0	0	0	521
09:00	2	326	45	2	17	5	1	3	0	0	0	0	0	401
10:00	4	328	66	4	18	8	0	3	2	0	0	0	0	433
11:00	4	402	63	6	21	4	0	2	5	0	0	0	0	507
12 PM	6	517	66	5	16	4	0	0	1	0	0	0	0	615
13:00	6	436	63	0	17	0	0	6	1	0	0	0	0	529
14:00	7	430	52	4	16	12	0	5	0	0	0	0	0	526
15:00	4	513	58	2	17	2	0	7	0	0	0	0	0	603
16:00	5	854	73	4	10	4	0	5	1	0	0	0	0	956
17:00	2	820	72	1	12	3	0	3	0	0	0	0	0	913
18:00	6	468	37	0	10	4	0	1	0	0	0	0	0	526
19:00	5	356	27	0	6	4	0	0	1	0	0	0	0	399
20:00	2	314	25	1	2	1	0	2	1	0	0	0	0	348
21:00	5	209	10	1	2	4	0	0	1	0	0	0	0	232
22:00	4	139	15	0	4	3	0	0	1	0	0	0	0	166
23:00	1	102	6	0	2	3	0	0	0	0	0	0	0	114
Day Total	73	7448	888	47	224	84	3	50	16	0	0	0	0	8833
Percent	0.8%	84.3%	10.1%	0.5%	2.5%	1.0%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	08:00	10:00	06:00	07:00	10:00	06:00	08:00	11:00					08:00
Vol.	5	421	66	7	21	8	1	4	5					521
PM Peak	14:00	16:00	16:00	12:00	13:00	14:00		15:00	12:00					16:00
Vol.	7	854	73	5	17	12		7	1					956

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 class  
Count 1  
Front Street & Route 322

**Eastbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/19/16	1	40	3	0	0	1	0	0	<b>2</b>	0	0	0	0	47
01:00	0	23	3	0	0	1	0	0	0	0	0	0	0	27
02:00	2	21	4	0	2	4	0	1	0	0	0	0	0	34
03:00	1	16	0	1	0	3	0	0	1	0	0	0	0	22
04:00	2	28	1	0	1	5	0	0	0	0	0	0	0	37
05:00	2	71	15	1	4	2	0	2	0	0	0	0	0	97
06:00	2	187	41	<b>7</b>	7	4	0	1	1	0	0	0	0	250
07:00	8	377	50	2	16	<b>18</b>	2	2	1	0	0	0	0	476
08:00	7	<b>411</b>	48	2	13	12	2	0	0	0	0	0	0	<b>495</b>
09:00	<b>14</b>	369	52	4	<b>19</b>	8	2	<b>5</b>	1	0	0	0	0	474
10:00	7	361	<b>71</b>	1	10	8	<b>3</b>	3	1	0	0	0	0	465
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	46	1904	288	18	72	66	9	14	7	0	0	0	0	2424
Percent	1.9%	78.5%	11.9%	0.7%	3.0%	2.7%	0.4%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	08:00	10:00	06:00	09:00	07:00	10:00	09:00	00:00					08:00
Vol.	14	411	71	7	19	18	3	5	2					495
PM Peak														
Vol.														
Grand Total	608	73383	8837	328	1955	626	23	411	262	2	3	1	2	86441
Percent	0.7%	84.9%	10.2%	0.4%	2.3%	0.7%	0.0%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/08/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	2	478	69	2	<b>27</b>	<b>6</b>	0	<b>9</b>	<b>3</b>	0	0	0	0	596
16:00	<b>7</b>	518	66	1	13	3	0	5	0	<b>1</b>	0	0	<b>1</b>	615
17:00	4	<b>562</b>	<b>77</b>	2	11	1	0	3	2	1	0	0	0	<b>663</b>
18:00	3	419	62	1	1	3	0	7	3	0	0	0	0	499
19:00	1	299	32	<b>3</b>	9	3	0	2	1	1	0	0	0	351
20:00	2	252	30	0	2	0	0	0	0	0	0	0	0	286
21:00	1	159	20	1	0	0	0	0	0	0	0	0	0	181
22:00	1	106	12	0	2	1	0	0	0	0	0	0	0	122
23:00	0	56	13	0	1	0	0	0	1	0	0	0	0	71
Day Total	21	2849	381	10	66	17	0	26	10	3	0	0	1	3384
Percent	0.6%	84.2%	11.3%	0.3%	2.0%	0.5%	0.0%	0.8%	0.3%	0.1%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	16:00 7	17:00 562	17:00 77	19:00 3	15:00 27	15:00 6		15:00 9	15:00 3	16:00 1			16:00 1	17:00 663

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/09/16	0	35	6	0	1	0	0	0	0	0	0	0	0	42
01:00	0	18	3	0	1	0	0	0	0	0	0	0	0	22
02:00	0	9	2	1	0	0	0	0	0	0	0	0	0	12
03:00	0	10	5	0	1	0	0	0	2	0	0	0	0	18
04:00	0	30	1	1	3	1	0	0	0	0	0	0	0	36
05:00	2	104	26	0	3	4	0	1	2	0	0	0	0	142
06:00	4	320	53	0	7	1	0	0	1	0	0	0	0	386
07:00	4	<b>713</b>	71	0	14	4	0	7	3	0	<b>1</b>	0	<b>1</b>	<b>818</b>
08:00	<b>10</b>	617	<b>76</b>	1	<b>17</b>	4	0	5	<b>4</b>	0	1	0	0	735
09:00	1	410	63	0	15	1	0	<b>8</b>	1	<b>1</b>	0	0	1	501
10:00	5	301	65	0	15	<b>6</b>	0	8	4	0	0	0	0	404
11:00	4	447	75	<b>3</b>	15	3	0	8	1	1	0	0	0	557
12 PM	4	517	76	2	12	5	<b>1</b>	3	3	<b>2</b>	<b>3</b>	0	<b>1</b>	629
13:00	3	471	66	2	<b>16</b>	3	0	7	0	0	2	<b>1</b>	0	571
14:00	5	404	69	2	16	5	0	6	3	0	0	1	0	511
15:00	4	472	<b>82</b>	<b>4</b>	16	<b>7</b>	1	<b>8</b>	2	2	1	0	1	600
16:00	1	502	77	1	7	5	0	6	0	0	1	1	0	601
17:00	4	<b>589</b>	69	0	11	5	0	2	0	1	0	0	0	<b>681</b>
18:00	<b>8</b>	424	58	1	6	3	0	2	2	0	1	0	0	505
19:00	2	292	43	2	7	1	0	2	3	1	0	0	0	353
20:00	4	261	27	0	6	3	0	2	<b>4</b>	0	0	0	0	307
21:00	0	152	16	0	2	1	0	0	0	0	0	0	0	171
22:00	0	99	17	0	6	1	0	0	0	0	0	0	0	123
23:00	0	81	11	0	0	1	0	0	1	0	0	0	0	94
Day Total	65	7278	1057	20	197	64	2	75	36	8	10	3	4	8819
Percent	0.7%	82.5%	12.0%	0.2%	2.2%	0.7%	0.0%	0.9%	0.4%	0.1%	0.1%	0.0%	0.0%	
AM Peak	08:00	07:00	08:00	11:00	08:00	10:00		09:00	08:00	09:00	07:00		07:00	07:00
Vol.	10	713	76	3	17	6		8	4	1	1		1	818
PM Peak	18:00	17:00	15:00	15:00	13:00	15:00	12:00	15:00	20:00	12:00	12:00	13:00	12:00	17:00
Vol.	8	589	82	4	16	7	1	8	4	2	3	1	1	681

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/10/16	0	30	4	0	1	1	0	0	0	0	0	0	0	36
01:00	0	17	5	0	0	0	0	0	0	0	0	0	0	22
02:00	1	20	4	1	1	0	0	0	1	0	0	0	0	28
03:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
04:00	1	38	6	1	0	3	0	0	0	0	0	0	0	49
05:00	2	97	21	0	5	3	0	0	1	0	0	0	0	129
06:00	1	302	54	0	11	5	0	1	2	0	0	0	0	376
07:00	<b>5</b>	<b>729</b>	66	<b>4</b>	13	6	<b>1</b>	4	2	1	0	0	0	<b>831</b>
08:00	5	626	62	0	<b>15</b>	<b>7</b>	0	<b>9</b>	2	0	0	0	0	726
09:00	3	409	<b>74</b>	2	15	2	1	4	2	1	0	0	0	513
10:00	1	365	51	1	8	2	1	6	<b>3</b>	<b>2</b>	0	0	0	440
11:00	2	445	73	1	13	2	0	7	2	0	<b>1</b>	0	0	546
12 PM	3	490	76	3	15	<b>8</b>	0	5	<b>4</b>	0	0	<b>1</b>	<b>2</b>	607
13:00	2	505	75	1	<b>22</b>	2	0	3	1	0	<b>2</b>	0	0	613
14:00	3	426	<b>89</b>	<b>4</b>	17	3	0	<b>6</b>	2	<b>1</b>	1	1	0	553
15:00	<b>5</b>	496	83	2	16	7	0	2	4	0	1	0	0	616
16:00	5	584	67	0	10	2	0	5	3	0	0	0	0	676
17:00	2	<b>594</b>	67	0	11	2	0	2	3	0	0	0	0	<b>681</b>
18:00	4	427	56	0	9	1	0	5	0	1	0	0	1	504
19:00	1	301	38	1	11	4	0	3	0	0	1	0	0	360
20:00	2	286	34	0	3	2	0	2	1	0	0	0	0	330
21:00	0	177	31	0	3	0	0	0	1	0	0	0	0	212
22:00	0	103	13	0	3	1	0	0	1	0	0	0	0	121
23:00	1	53	10	0	1	2	0	0	1	0	0	0	0	68
Day Total	49	7528	1061	21	203	65	3	64	36	6	6	2	3	9047
Percent	0.5%	83.2%	11.7%	0.2%	2.2%	0.7%	0.0%	0.7%	0.4%	0.1%	0.1%	0.0%	0.0%	
AM Peak	07:00	07:00	09:00	07:00	08:00	08:00	07:00	08:00	10:00	10:00	11:00			07:00
Vol.	5	729	74	4	15	7	1	9	3	2	1			831
PM Peak	15:00	17:00	14:00	14:00	13:00	12:00		14:00	12:00	14:00	13:00	12:00	12:00	17:00
Vol.	5	594	89	4	22	8		6	4	1	2	1	2	681



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/11/16	1	38	6	0	1	2	0	0	0	0	0	0	0	48
01:00	0	13	1	0	1	0	0	0	1	0	0	0	0	16
02:00	0	13	1	0	0	0	0	0	0	0	0	0	0	14
03:00	0	13	2	1	1	1	0	0	1	0	0	0	0	19
04:00	0	25	3	0	0	0	0	0	0	0	0	0	0	28
05:00	1	106	35	0	4	0	0	0	1	1	0	0	0	148
06:00	0	315	62	1	10	<b>5</b>	0	2	1	0	0	0	0	396
07:00	<b>6</b>	<b>679</b>	59	0	7	5	<b>1</b>	8	1	<b>2</b>	0	0	<b>1</b>	<b>769</b>
08:00	2	650	72	1	12	5	0	<b>9</b>	3	2	0	0	0	756
09:00	3	401	68	1	<b>21</b>	5	1	9	3	0	0	0	0	512
10:00	0	397	<b>74</b>	1	10	2	0	9	<b>4</b>	1	0	0	1	499
11:00	5	436	70	<b>4</b>	14	2	0	6	3	0	0	0	0	540
12 PM	<b>5</b>	505	77	<b>3</b>	<b>22</b>	7	0	<b>12</b>	2	0	0	0	0	633
13:00	1	446	<b>81</b>	3	17	4	0	8	3	0	0	0	<b>2</b>	565
14:00	3	439	77	3	11	3	0	4	2	0	<b>1</b>	0	0	543
15:00	1	438	71	3	9	<b>8</b>	0	7	<b>5</b>	0	1	0	0	543
16:00	1	544	74	2	5	2	0	4	3	0	0	0	0	635
17:00	2	<b>598</b>	45	1	11	2	0	3	3	<b>2</b>	0	0	0	<b>667</b>
18:00	3	469	61	0	6	0	0	6	1	0	0	0	0	546
19:00	2	323	54	0	5	4	0	4	1	0	0	0	0	393
20:00	3	266	36	0	4	2	0	2	0	0	0	0	0	313
21:00	0	173	20	1	3	2	0	0	0	0	0	0	0	199
22:00	1	129	15	0	1	1	0	0	0	0	0	0	0	147
23:00	0	68	11	0	0	0	0	0	0	0	0	0	0	79
Day Total	40	7484	1075	25	175	62	2	93	38	8	2	0	4	9008
Percent	0.4%	83.1%	11.9%	0.3%	1.9%	0.7%	0.0%	1.0%	0.4%	0.1%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	10:00	11:00	09:00	06:00	07:00	08:00	10:00	07:00			07:00	07:00
Vol.	6	679	74	4	21	5	1	9	4	2			1	769
PM Peak	12:00	17:00	13:00	12:00	12:00	15:00		12:00	15:00	17:00	14:00		13:00	17:00
Vol.	5	598	81	3	22	8		12	5	2	1		2	667

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/12/16	2	46	7	1	1	2	0	0	1	0	0	0	0	60
01:00	0	18	4	0	1	0	0	0	1	0	0	0	0	24
02:00	0	13	3	0	0	1	0	0	0	0	0	0	0	17
03:00	0	17	3	0	0	1	0	0	0	0	0	0	0	21
04:00	1	33	4	1	4	4	0	0	0	0	0	0	0	47
05:00	0	109	25	1	6	2	0	2	3	0	0	0	0	148
06:00	1	302	52	0	12	1	0	0	0	0	0	0	0	368
07:00	<b>8</b>	<b>656</b>	60	1	16	3	0	7	4	<b>2</b>	0	0	0	<b>757</b>
08:00	3	565	<b>83</b>	0	19	<b>5</b>	0	<b>10</b>	2	2	0	<b>1</b>	<b>1</b>	691
09:00	3	361	65	<b>5</b>	<b>20</b>	2	0	6	3	0	0	0	0	465
10:00	6	337	70	2	19	2	0	6	<b>6</b>	0	0	0	0	448
11:00	2	468	73	2	18	5	0	10	2	0	0	0	0	580
12 PM	2	543	82	2	<b>18</b>	<b>4</b>	0	7	<b>5</b>	0	0	0	1	<b>664</b>
13:00	1	472	85	1	11	4	0	7	2	0	1	0	0	584
14:00	2	429	<b>101</b>	2	12	4	0	7	1	0	1	0	<b>2</b>	561
15:00	3	484	82	<b>4</b>	17	3	0	<b>8</b>	1	0	<b>2</b>	0	0	604
16:00	3	<b>550</b>	76	1	12	4	0	8	2	0	0	<b>1</b>	0	657
17:00	3	536	68	1	8	4	0	3	2	0	0	0	0	625
18:00	2	401	50	1	8	1	0	6	1	0	0	0	0	470
19:00	3	333	49	1	8	1	<b>1</b>	3	0	0	0	0	0	399
20:00	0	234	29	0	5	1	0	3	2	<b>1</b>	1	0	0	276
21:00	2	182	22	0	2	1	0	0	0	0	0	0	0	209
22:00	<b>4</b>	151	23	0	3	2	0	1	2	0	0	0	0	186
23:00	0	91	16	0	0	0	0	0	0	0	0	0	0	107
Day Total	51	7331	1132	26	220	57	1	94	40	5	5	2	4	8968
Percent	0.6%	81.7%	12.6%	0.3%	2.5%	0.6%	0.0%	1.0%	0.4%	0.1%	0.1%	0.0%	0.0%	
AM Peak	07:00	07:00	08:00	09:00	09:00	08:00		08:00	10:00	07:00		08:00	08:00	07:00
Vol.	8	656	83	5	20	5		10	6	2		1	1	757
PM Peak	22:00	16:00	14:00	15:00	12:00	12:00	19:00	15:00	12:00	20:00	15:00	16:00	14:00	12:00
Vol.	4	550	101	4	18	4	1	8	5	1	2	1	2	664

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/13/16	0	52	9	0	1	0	0	0	0	0	0	0	0	62
01:00	0	40	2	0	0	1	0	0	1	0	0	0	0	44
02:00	0	15	5	2	3	0	0	0	0	0	0	0	0	25
03:00	0	8	2	0	1	0	0	0	1	0	0	0	0	12
04:00	0	29	3	0	1	0	0	0	0	0	0	0	0	33
05:00	0	29	9	1	2	1	0	1	0	0	0	0	0	43
06:00	2	101	25	0	3	<b>2</b>	0	0	1	0	0	0	<b>1</b>	135
07:00	2	175	20	0	5	1	0	2	1	0	0	<b>1</b>	0	207
08:00	0	232	41	1	3	0	0	1	1	0	0	0	0	279
09:00	5	343	49	2	<b>9</b>	2	0	5	<b>3</b>	0	0	0	0	418
10:00	<b>13</b>	<b>372</b>	59	<b>7</b>	8	0	0	<b>6</b>	1	<b>1</b>	0	0	0	<b>467</b>
11:00	4	334	<b>64</b>	0	7	1	0	5	0	0	<b>1</b>	0	0	416
12 PM	<b>4</b>	<b>395</b>	56	0	12	1	0	<b>5</b>	<b>2</b>	0	0	0	0	<b>475</b>
13:00	0	368	41	0	5	<b>3</b>	0	1	0	0	0	0	0	418
14:00	2	316	38	0	<b>13</b>	1	0	2	1	<b>1</b>	0	0	0	374
15:00	0	337	55	<b>1</b>	5	1	0	2	1	1	<b>1</b>	0	0	404
16:00	2	346	43	0	5	0	0	5	0	0	0	0	0	401
17:00	0	334	54	0	6	0	0	2	1	0	0	0	0	397
18:00	2	283	<b>58</b>	0	3	1	0	3	0	0	0	0	0	350
19:00	1	288	37	0	2	0	0	1	0	0	0	0	0	329
20:00	0	211	24	0	0	1	0	1	1	0	0	0	0	238
21:00	0	187	28	0	2	0	0	0	0	0	0	0	0	217
22:00	0	147	18	0	2	0	0	0	0	0	0	0	0	167
23:00	0	84	16	0	0	0	0	0	0	0	0	0	0	100
Day Total	37	5026	756	14	98	16	0	42	15	3	2	1	1	6011
Percent	0.6%	83.6%	12.6%	0.2%	1.6%	0.3%	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	11:00	10:00	09:00	06:00		10:00	09:00	10:00	11:00	07:00	06:00	10:00
Vol.	13	372	64	7	9	2		6	3	1	1	1	1	467
PM Peak	12:00	12:00	18:00	15:00	14:00	13:00		12:00	12:00	14:00	15:00			12:00
Vol.	4	395	58	1	13	3		5	2	1	1			475

# Herbert, Rowland & Grubic, Inc.

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111 class  
Count 1  
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Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/14/16	0	54	10	0	0	0	0	0	0	0	0	0	0	64
01:00	0	30	5	0	2	0	0	0	0	0	0	0	0	37
02:00	0	25	5	0	0	0	0	0	0	0	0	0	0	30
03:00	0	14	5	0	0	0	0	0	0	0	0	0	0	19
04:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
05:00	0	24	2	0	0	0	0	0	0	0	0	0	0	26
06:00	0	87	17	0	7	0	0	0	1	0	0	0	0	112
07:00	1	102	22	0	6	1	0	0	0	0	0	0	0	132
08:00	3	188	37	0	4	0	0	1	1	0	1	0	0	235
09:00	1	271	42	0	5	0	0	4	1	0	0	0	0	324
10:00	3	283	41	0	5	2	0	1	0	0	0	0	0	335
11:00	1	391	56	0	7	0	0	4	1	0	0	0	0	460
12 PM	1	384	57	0	9	1	0	2	1	1	0	0	0	456
13:00	1	333	43	0	3	1	0	1	0	0	0	0	0	382
14:00	2	417	58	0	16	0	0	4	1	0	0	0	0	498
15:00	5	390	60	0	1	3	0	4	0	0	0	0	0	463
16:00	3	340	46	1	8	2	0	1	1	0	0	0	0	402
17:00	4	302	38	0	2	0	0	2	0	0	0	0	0	348
18:00	2	326	51	0	8	1	0	3	1	0	0	0	0	392
19:00	0	228	33	2	0	0	0	0	2	0	0	0	0	265
20:00	1	189	26	0	4	1	0	0	0	0	0	0	0	221
21:00	0	145	12	0	4	0	0	0	0	0	0	0	0	161
22:00	0	77	17	0	1	0	0	0	1	0	0	0	0	96
23:00	1	47	11	0	0	1	0	0	0	0	0	0	0	60
Day Total	29	4654	695	3	92	13	0	27	11	1	1	0	0	5526
Percent	0.5%	84.2%	12.6%	0.1%	1.7%	0.2%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	11:00	11:00		06:00	10:00		09:00	06:00		08:00			11:00
Vol.	3	391	56		7	2		4	1		1			460
PM Peak	15:00	14:00	15:00	19:00	14:00	15:00		14:00	19:00	12:00				14:00
Vol.	5	417	60	2	16	3		4	2	1				498

# Herbert, Rowland & Grubic, Inc.

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111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/15/16	0	32	2	0	1	0	0	0	1	0	0	0	0	36
01:00	0	16	2	1	2	0	0	0	1	0	0	0	0	22
02:00	0	13	4	0	0	0	0	1	0	0	0	0	0	18
03:00	1	19	3	0	0	1	0	0	3	0	0	0	0	27
04:00	0	29	3	0	2	0	0	1	2	0	0	0	0	37
05:00	2	97	21	1	7	2	0	1	0	0	0	0	0	131
06:00	1	298	65	0	7	1	0	1	1	0	0	0	0	374
07:00	3	<b>673</b>	59	2	10	4	0	<b>13</b>	2	0	1	<b>1</b>	1	<b>769</b>
08:00	3	572	<b>75</b>	<b>5</b>	12	1	<b>1</b>	7	3	0	1	0	0	680
09:00	2	339	67	1	15	0	1	9	0	<b>2</b>	1	0	0	437
10:00	<b>6</b>	330	61	3	<b>26</b>	<b>7</b>	0	5	1	1	0	0	<b>2</b>	442
11:00	3	427	68	1	13	0	0	9	<b>4</b>	1	<b>2</b>	0	0	528
12 PM	6	499	72	1	8	6	0	<b>11</b>	2	0	0	0	0	605
13:00	3	426	68	<b>2</b>	12	<b>8</b>	0	8	2	0	0	0	0	529
14:00	4	379	80	2	<b>20</b>	5	0	7	<b>3</b>	0	0	0	0	500
15:00	<b>7</b>	431	<b>82</b>	2	10	3	0	8	0	0	<b>1</b>	0	0	544
16:00	0	<b>551</b>	60	0	10	4	0	5	2	0	0	0	0	<b>632</b>
17:00	5	524	61	1	13	3	0	3	0	0	0	0	0	610
18:00	2	400	59	1	3	3	0	4	0	<b>1</b>	0	0	0	473
19:00	1	315	53	1	7	2	0	1	0	0	0	0	0	380
20:00	1	225	34	0	1	1	0	0	0	0	0	0	0	262
21:00	0	193	30	0	7	1	0	0	3	0	0	0	0	234
22:00	0	99	11	0	0	0	0	0	0	0	0	0	0	110
23:00	0	53	7	0	1	1	0	0	1	0	0	0	0	63
Day Total	50	6940	1047	24	187	53	2	94	31	5	6	1	3	8443
Percent	0.6%	82.2%	12.4%	0.3%	2.2%	0.6%	0.0%	1.1%	0.4%	0.1%	0.1%	0.0%	0.0%	
AM Peak	10:00	07:00	08:00	08:00	10:00	10:00	08:00	07:00	11:00	09:00	11:00	07:00	10:00	07:00
Vol.	6	673	75	5	26	7	1	13	4	2	2	1	2	769
PM Peak	15:00	16:00	15:00	13:00	14:00	13:00		12:00	14:00	18:00	15:00			16:00
Vol.	7	551	82	2	20	8		11	3	1	1			632

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/16/16	1	26	8	0	2	1	0	0	1	0	0	0	0	39
01:00	1	22	2	0	1	1	0	0	0	0	0	0	0	27
02:00	0	11	3	0	1	0	0	0	1	0	0	0	0	16
03:00	1	16	4	0	0	1	0	0	0	0	0	0	0	22
04:00	0	31	4	0	1	1	0	0	0	0	0	0	0	37
05:00	1	100	25	1	8	2	0	0	0	0	0	0	0	137
06:00	2	301	52	1	9	2	0	3	3	0	0	0	0	373
07:00	3	<b>690</b>	75	5	8	5	<b>1</b>	6	<b>5</b>	1	0	0	<b>1</b>	<b>800</b>
08:00	<b>6</b>	614	60	1	20	<b>7</b>	0	9	2	<b>4</b>	0	<b>1</b>	0	724
09:00	2	408	68	4	<b>25</b>	1	0	10	1	1	0	0	0	520
10:00	3	378	70	<b>6</b>	14	3	0	6	1	2	0	0	0	483
11:00	4	374	<b>87</b>	2	14	2	0	<b>12</b>	1	0	0	0	0	496
12 PM	1	476	77	3	14	3	0	6	2	0	0	0	<b>1</b>	583
13:00	<b>6</b>	459	65	<b>4</b>	17	<b>5</b>	0	<b>9</b>	3	<b>1</b>	0	0	0	569
14:00	2	456	57	3	12	1	<b>2</b>	8	1	0	0	0	0	542
15:00	2	479	<b>109</b>	2	11	2	0	6	<b>4</b>	0	0	0	0	615
16:00	4	609	86	3	<b>23</b>	5	0	7	3	0	0	0	0	740
17:00	2	<b>742</b>	85	4	7	5	1	5	1	0	0	<b>1</b>	0	<b>853</b>
18:00	0	441	50	0	11	1	0	2	4	0	0	0	0	509
19:00	1	279	30	0	7	3	0	3	1	0	0	0	0	324
20:00	2	260	27	0	3	3	0	0	0	0	0	0	0	295
21:00	0	172	29	0	6	0	0	0	0	0	0	0	0	207
22:00	1	95	11	0	2	2	0	0	0	0	0	0	0	111
23:00	0	77	10	0	1	0	0	0	1	0	0	0	0	89
Day Total	45	7516	1094	39	217	56	4	92	35	9	0	2	2	9111
Percent	0.5%	82.5%	12.0%	0.4%	2.4%	0.6%	0.0%	1.0%	0.4%	0.1%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	11:00	10:00	09:00	08:00	07:00	11:00	07:00	08:00		08:00	07:00	07:00
Vol.	6	690	87	6	25	7	1	12	5	4		1	1	800
PM Peak	13:00	17:00	15:00	13:00	16:00	13:00	14:00	13:00	15:00	13:00		17:00	12:00	17:00
Vol.	6	742	109	4	23	5	2	9	4	1		1	1	853

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/17/16	1	27	6	0	1	1	0	0	1	0	0	0	0	37
01:00	0	18	4	0	1	1	0	0	0	0	0	0	0	24
02:00	0	13	3	0	1	0	0	0	0	0	0	0	0	17
03:00	1	12	5	1	1	1	0	0	0	0	0	0	0	21
04:00	0	31	7	0	0	3	0	0	0	0	0	0	0	41
05:00	3	100	25	0	7	3	0	0	0	0	0	0	0	138
06:00	0	312	47	0	17	1	0	3	3	0	0	0	1	384
07:00	3	<b>710</b>	63	1	15	1	0	<b>11</b>	1	1	<b>1</b>	0	0	<b>807</b>
08:00	<b>6</b>	626	67	1	11	3	<b>1</b>	6	6	0	1	0	1	729
09:00	4	350	71	1	<b>18</b>	4	0	5	7	<b>2</b>	0	0	0	462
10:00	2	338	77	<b>4</b>	17	0	0	6	1	0	0	0	<b>2</b>	447
11:00	3	411	<b>79</b>	4	18	<b>7</b>	0	11	<b>8</b>	1	0	0	0	542
12 PM	4	500	71	0	10	4	0	6	7	0	1	<b>1</b>	0	604
13:00	<b>5</b>	521	77	<b>3</b>	15	3	0	<b>10</b>	<b>9</b>	0	0	0	<b>1</b>	644
14:00	1	414	68	3	<b>19</b>	2	0	4	6	<b>1</b>	<b>2</b>	1	0	521
15:00	4	495	<b>81</b>	2	13	4	0	5	5	1	1	0	0	611
16:00	4	<b>585</b>	70	0	9	4	0	6	4	0	0	0	0	682
17:00	5	581	77	0	9	<b>7</b>	0	6	2	0	1	0	0	<b>688</b>
18:00	2	448	47	1	8	0	0	1	1	0	0	0	0	508
19:00	1	367	45	0	8	2	0	3	1	0	0	0	0	427
20:00	0	271	33	0	3	0	0	0	1	0	0	0	0	308
21:00	1	199	19	0	4	0	0	1	0	0	0	0	0	224
22:00	2	109	10	0	2	2	0	0	0	0	0	0	0	125
23:00	0	64	9	0	0	0	0	0	1	0	0	0	0	74
Day Total	52	7502	1061	21	207	53	1	84	64	6	7	2	5	9065
Percent	0.6%	82.8%	11.7%	0.2%	2.3%	0.6%	0.0%	0.9%	0.7%	0.1%	0.1%	0.0%	0.1%	
AM Peak	08:00	07:00	11:00	10:00	09:00	11:00	08:00	07:00	11:00	09:00	07:00		10:00	07:00
Vol.	6	710	79	4	18	7	1	11	8	2	1		2	807
PM Peak	13:00	16:00	15:00	13:00	14:00	17:00		13:00	13:00	14:00	14:00	12:00	13:00	17:00
Vol.	5	585	81	3	19	7		10	9	1	2	1	1	688

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/18/16	0	29	6	0	2	1	0	0	0	0	0	0	0	38
01:00	0	24	2	0	0	0	0	0	0	0	0	0	0	26
02:00	0	19	4	0	1	0	0	0	0	0	0	0	0	24
03:00	0	17	2	1	0	0	0	0	1	0	0	0	0	21
04:00	1	22	9	1	0	1	0	0	0	0	0	0	0	34
05:00	0	111	29	0	8	1	0	1	1	0	0	0	0	151
06:00	2	308	48	1	8	<b>5</b>	0	5	1	0	0	0	0	378
07:00	<b>5</b>	<b>729</b>	71	0	<b>21</b>	2	0	6	1	<b>2</b>	<b>1</b>	0	0	<b>838</b>
08:00	3	601	72	3	13	5	0	<b>8</b>	0	2	0	0	<b>1</b>	708
09:00	2	380	56	2	18	4	0	8	<b>2</b>	1	0	<b>1</b>	0	474
10:00	2	365	74	0	13	4	0	3	2	0	0	0	0	463
11:00	1	434	<b>84</b>	<b>4</b>	21	2	0	5	2	0	1	0	0	554
12 PM	<b>4</b>	509	73	3	11	4	0	5	<b>5</b>	<b>1</b>	0	<b>1</b>	<b>1</b>	617
13:00	4	456	76	2	<b>19</b>	5	0	<b>9</b>	3	1	1	0	0	576
14:00	2	424	64	<b>4</b>	13	4	0	9	2	1	0	0	0	523
15:00	4	471	82	2	10	<b>6</b>	0	7	4	0	0	0	1	587
16:00	2	559	72	2	14	6	0	4	0	0	<b>2</b>	0	0	661
17:00	1	<b>602</b>	<b>83</b>	0	8	3	0	2	0	0	0	0	0	<b>699</b>
18:00	4	422	58	0	5	4	0	6	0	1	1	0	0	501
19:00	2	348	48	1	6	1	0	5	1	0	0	0	0	412
20:00	2	309	32	0	2	3	0	4	0	0	0	0	0	352
21:00	1	191	29	0	3	2	0	0	0	0	0	0	0	226
22:00	0	131	21	0	4	0	0	1	0	0	0	0	0	157
23:00	2	79	8	0	0	4	0	1	1	0	0	0	0	95
Day Total	44	7540	1103	26	200	67	0	89	26	9	6	2	3	9115
Percent	0.5%	82.7%	12.1%	0.3%	2.2%	0.7%	0.0%	1.0%	0.3%	0.1%	0.1%	0.0%	0.0%	
AM Peak	07:00	07:00	11:00	11:00	07:00	06:00		08:00	09:00	07:00	07:00	09:00	08:00	07:00
Vol.	5	729	84	4	21	5		8	2	2	1	1	1	838
PM Peak	12:00	17:00	17:00	14:00	13:00	15:00		13:00	12:00	12:00	16:00	12:00	12:00	17:00
Vol.	4	602	83	4	19	6		9	5	1	2	1	1	699



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 class  
Count 1  
Front Street & Route 322

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
08/19/16	1	29	6	0	1	2	0	0	2	0	0	0	0	41
01:00	1	9	2	0	1	1	0	1	1	0	0	0	0	16
02:00	0	20	6	0	1	1	0	0	0	0	0	0	0	28
03:00	0	13	6	1	0	0	0	0	0	0	0	0	0	20
04:00	1	42	1	0	2	1	0	0	2	0	0	0	0	49
05:00	2	92	22	0	7	2	0	0	1	0	0	0	0	126
06:00	2	295	51	0	9	3	0	0	3	0	0	0	0	363
07:00	<b>9</b>	<b>661</b>	73	1	15	<b>10</b>	0	<b>6</b>	2	1	0	0	0	<b>778</b>
08:00	3	590	62	2	11	8	<b>1</b>	6	3	2	0	0	0	688
09:00	1	419	79	0	<b>17</b>	5	0	6	<b>8</b>	<b>3</b>	0	0	<b>1</b>	539
10:00	9	369	<b>80</b>	<b>3</b>	9	3	1	6	8	0	0	0	0	488
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	29	2539	388	7	73	36	2	25	30	6	0	0	1	3136
Percent	0.9%	81.0%	12.4%	0.2%	2.3%	1.1%	0.1%	0.8%	1.0%	0.2%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	10:00	10:00	09:00	07:00	08:00	07:00	09:00	09:00			09:00	07:00
Vol.	9	661	80	3	17	10	1	6	8	3			1	778
PM Peak														
Vol.														
Grand Total	512	74187	10850	236	1935	559	17	805	372	69	45	15	31	89633
Percent	0.6%	82.8%	12.1%	0.3%	2.2%	0.6%	0.0%	0.9%	0.4%	0.1%	0.1%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/08/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	10	4	3	64	178	213	115	16	2	0	0	0	0	0	605	32-41	364
16:00	21	1	10	76	278	378	153	20	1	1	0	0	0	0	939	32-41	603
17:00	11	0	8	60	269	358	176	28	6	0	0	0	0	0	916	32-41	587
18:00	2	3	3	33	131	173	114	15	4	0	0	0	0	0	478	33-42	295
19:00	2	0	2	29	107	150	60	16	2	0	0	0	0	0	368	32-41	240
20:00	3	0	7	37	80	83	42	8	0	0	0	0	0	0	260	31-40	152
21:00	1	0	2	31	67	66	22	2	0	0	0	0	0	0	191	31-40	123
22:00	2	0	4	19	44	45	16	5	3	0	0	0	0	0	138	31-40	82
23:00	1	0	1	13	26	22	14	2	1	0	0	0	0	0	80	31-40	45
Total	53	8	40	362	1180	1488	712	112	19	1	0	0	0	0	3975		
Percent	1.3%	0.2%	1.0%	9.1%	29.7%	37.4%	17.9%	2.8%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	16:00	15:00	16:00	16:00	16:00	16:00	17:00	17:00	17:00	16:00					16:00		
	21	4	10	76	278	378	176	28	6	1					939		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/09/16	0	0	1	8	11	10	7	2	0	0	0	0	0	0	39	31-40	20
01:00	3	0	2	3	4	5	2	0	0	0	0	0	0	0	19	31-40	8
02:00	0	2	0	2	3	4	0	2	0	0	0	0	0	0	13	29-38	6
03:00	0	0	0	1	7	7	6	0	0	0	0	0	0	0	21	32-41	14
04:00	0	1	1	4	9	7	5	2	0	1	0	0	0	0	30	29-38	15
05:00	1	0	2	11	26	43	26	3	3	0	0	0	0	0	115	33-42	69
06:00	0	0	8	10	60	95	49	13	2	0	0	0	0	0	237	33-42	151
07:00	<b>15</b>	3	3	29	120	177	102	20	0	1	0	0	0	0	470	33-42	282
08:00	6	0	7	25	113	<b>190</b>	<b>114</b>	<b>26</b>	<b>4</b>	1	0	0	0	0	486	34-43	301
09:00	11	1	<b>12</b>	<b>51</b>	123	154	90	18	1	0	0	0	0	0	461	32-41	260
10:00	5	1	5	43	133	147	70	16	1	0	0	0	0	0	421	32-41	258
11:00	4	<b>5</b>	10	46	<b>161</b>	182	81	9	1	0	0	0	0	0	<b>499</b>	32-41	315
12 PM	6	<b>5</b>	12	58	208	245	86	7	1	0	0	0	0	0	628	32-41	411
13:00	15	3	9	66	208	205	65	6	1	0	0	0	0	0	578	31-40	371
14:00	3	5	8	51	173	207	61	8	0	0	0	0	0	0	516	31-40	345
15:00	3	<b>7</b>	6	73	184	247	101	14	1	0	0	0	0	0	636	32-41	400
16:00	<b>22</b>	4	<b>16</b>	<b>94</b>	<b>343</b>	333	<b>121</b>	<b>20</b>	<b>5</b>	0	0	0	0	0	<b>958</b>	31-40	608
17:00	13	2	15	80	300	<b>380</b>	121	15	1	0	0	0	0	0	927	32-41	617
18:00	9	0	5	38	174	155	96	18	1	0	0	0	0	0	496	32-41	301
19:00	4	2	1	40	114	133	51	14	1	<b>1</b>	0	0	0	0	361	31-40	226
20:00	3	2	1	40	98	107	44	7	1	0	0	0	0	0	303	31-40	188
21:00	1	0	2	28	68	67	31	7	2	0	0	0	0	0	206	31-40	125
22:00	1	0	5	17	44	36	14	3	0	0	0	0	0	0	120	30-39	74
23:00	1	0	2	13	33	23	12	1	1	0	0	0	0	0	86	30-39	52
<b>Total</b>	126	43	133	831	2717	3159	1355	231	27	4	0	0	0	0	8626		
Percent	1.5%	0.5%	1.5%	9.6%	31.5%	36.6%	15.7%	2.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	11:00	09:00	09:00	11:00	08:00	08:00	08:00	08:00	04:00					11:00		
Vol.	15	5	12	51	161	190	114	26	4	1					499		
PM Peak	16:00	15:00	16:00	16:00	16:00	17:00	16:00	16:00	16:00	19:00					16:00		
Vol.	22	7	16	94	343	380	121	20	5	1					958		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/10/16	0	0	3	10	13	11	9	0	0	0	0	0	0	0	46	29-38	24
01:00	0	2	2	1	14	7	6	1	0	0	0	0	0	0	33	30-39	19
02:00	0	0	1	4	8	2	2	0	0	0	0	0	0	0	17	28-37	11
03:00	0	0	2	2	4	4	1	2	0	0	0	0	0	0	15	32-41	7
04:00	0	1	1	3	16	10	8	1	0	1	0	0	0	0	41	30-39	24
05:00	0	0	1	14	34	37	29	3	1	0	0	0	0	0	119	32-41	69
06:00	2	1	4	18	68	91	47	8	0	0	0	0	0	0	239	32-41	150
07:00	11	4	8	44	113	191	98	16	1	1	0	0	0	0	487	33-42	292
08:00	4	3	12	51	143	216	97	11	3	0	0	0	0	0	540	32-41	338
09:00	3	0	9	47	127	173	68	15	2	0	0	0	0	0	444	32-41	279
10:00	8	5	8	44	140	151	75	6	2	0	0	0	0	0	439	32-41	266
11:00	2	1	7	44	141	197	76	21	3	0	0	0	0	0	492	32-41	315
12 PM	5	1	12	44	221	245	85	14	0	0	0	0	0	0	627	31-40	423
13:00	5	3	7	61	229	205	61	6	0	0	0	0	0	0	577	31-40	393
14:00	13	1	5	55	169	187	93	18	2	0	0	0	0	0	543	32-41	326
15:00	11	2	6	66	209	217	123	21	4	1	0	0	0	0	660	32-41	393
16:00	16	1	10	108	336	388	179	21	3	1	0	0	0	0	1063	32-41	667
17:00	33	14	12	113	363	378	127	16	4	0	0	0	0	0	1060	31-40	660
18:00	6	0	2	52	184	219	67	12	1	0	0	0	0	0	543	31-40	366
19:00	5	1	4	42	128	142	39	5	1	0	0	0	0	0	367	31-40	244
20:00	1	0	4	48	120	91	32	7	0	0	0	0	0	0	303	30-39	197
21:00	3	0	5	29	74	54	21	0	0	0	0	0	0	0	186	30-39	118
22:00	5	0	4	17	47	29	7	0	0	0	0	0	0	0	109	29-38	69
23:00	0	0	5	14	29	26	11	1	1	0	0	0	0	0	87	31-40	51
<b>Total</b>	133	40	134	931	2930	3271	1361	205	28	4	0	0	0	0	9037		
<b>Percent</b>	1.5%	0.4%	1.5%	10.3%	32.4%	36.2%	15.1%	2.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	07:00	10:00	08:00	08:00	08:00	08:00	07:00	11:00	08:00	04:00					08:00		
<b>Vol.</b>	11	5	12	51	143	216	98	21	3	1					540		
<b>PM Peak</b>	17:00	17:00	12:00	17:00	17:00	16:00	16:00	15:00	15:00	15:00					16:00		
<b>Vol.</b>	33	14	12	113	363	388	179	21	4	1					1063		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/11/16	0	1	3	6	16	12	3	1	0	1	0	0	0	0	43	30-39	26
01:00	0	0	1	4	9	8	1	1	0	0	0	0	0	0	24	30-39	16
02:00	0	<b>3</b>	2	2	5	7	1	0	0	0	0	0	0	0	20	32-41	10
03:00	0	0	2	3	9	4	1	1	0	0	0	0	0	0	20	29-38	13
04:00	0	0	3	6	6	9	6	3	1	0	0	0	0	0	34	31-40	15
05:00	1	1	4	10	33	41	13	3	1	0	0	0	0	0	107	32-41	67
06:00	2	2	3	19	73	111	38	9	2	0	0	0	0	0	259	32-41	170
07:00	<b>8</b>	1	3	51	117	175	<b>105</b>	25	<b>4</b>	<b>2</b>	0	0	0	0	491	33-42	283
08:00	6	3	9	31	150	<b>192</b>	95	<b>26</b>	1	0	0	0	0	0	513	32-41	318
09:00	3	3	<b>15</b>	52	128	143	71	14	2	0	0	0	0	0	431	32-41	251
10:00	5	1	8	<b>61</b>	131	152	68	10	2	0	0	0	0	0	438	31-40	262
11:00	6	2	12	58	<b>172</b>	162	90	20	0	2	0	0	0	0	<b>524</b>	31-40	308
12 PM	7	<b>8</b>	16	69	180	270	112	11	0	0	0	0	0	0	673	32-41	420
13:00	7	0	11	52	190	221	81	16	0	0	0	0	0	0	578	32-41	374
14:00	6	7	8	62	168	151	71	15	2	0	0	0	0	0	490	31-40	292
15:00	11	7	11	59	201	211	96	14	1	0	0	0	0	0	611	31-40	374
16:00	<b>20</b>	1	11	<b>110</b>	<b>310</b>	358	150	<b>23</b>	2	<b>1</b>	0	0	0	0	<b>986</b>	32-41	609
17:00	15	6	<b>19</b>	80	269	<b>359</b>	<b>164</b>	16	<b>3</b>	0	0	0	0	0	931	32-41	582
18:00	7	0	3	54	155	200	87	9	1	1	0	0	0	0	517	32-41	329
19:00	1	0	8	40	116	135	70	21	1	0	0	0	0	0	392	32-41	236
20:00	1	0	5	44	142	123	38	8	1	0	0	0	0	0	362	31-40	243
21:00	3	0	7	29	78	73	25	11	0	0	0	0	0	0	226	31-40	138
22:00	2	2	4	25	34	38	18	1	1	1	0	0	0	0	126	31-40	67
23:00	0	2	2	8	37	24	10	1	0	0	0	0	0	0	84	31-40	55
<b>Total</b>	111	50	170	935	2729	3179	1414	259	25	8	0	0	0	0	8880		
Percent	1.3%	0.6%	1.9%	10.5%	30.7%	35.8%	15.9%	2.9%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	02:00	09:00	10:00	11:00	08:00	07:00	08:00	07:00	07:00					11:00		
Vol.	8	3	15	61	172	192	105	26	4	2					524		
PM Peak	16:00	12:00	17:00	16:00	16:00	17:00	17:00	16:00	17:00	16:00					16:00		
Vol.	20	8	19	110	310	359	164	23	3	1				986			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
08/12/16	0	2	5	14	23	14	3	3	0	0	0	0	0	0	64	29-38	36
01:00	0	0	3	8	7	9	3	1	0	0	0	0	0	0	31	29-38	16
02:00	0	0	5	2	8	5	1	0	0	0	0	0	0	0	21	29-38	12
03:00	0	0	0	2	8	8	1	1	0	0	0	0	0	0	20	32-41	14
04:00	0	0	3	2	13	9	5	0	0	0	0	0	0	0	32	31-40	20
05:00	1	0	4	12	30	36	17	10	0	0	0	0	0	0	110	32-41	61
06:00	4	4	8	19	58	86	53	9	3	0	0	0	0	0	244	33-42	139
07:00	4	6	7	35	100	171	88	26	1	1	0	0	0	0	439	33-42	262
08:00	10	3	14	35	135	174	99	19	1	1	0	0	0	0	491	33-42	289
09:00	3	3	13	44	107	163	86	10	0	1	0	0	0	0	430	33-42	259
10:00	6	3	9	61	149	138	65	10	0	0	0	0	0	0	441	31-40	264
11:00	7	3	14	68	150	188	94	24	2	0	0	0	0	0	550	32-41	316
12 PM	8	4	10	58	187	275	130	22	1	0	0	0	0	0	695	32-41	434
13:00	9	1	9	66	196	214	71	12	2	1	0	0	0	0	581	31-40	372
14:00	7	0	9	79	175	181	78	10	1	0	0	0	0	0	540	31-40	329
15:00	5	4	7	52	195	226	98	20	4	0	0	0	0	0	611	32-41	387
16:00	11	0	3	61	295	334	145	25	5	0	0	0	0	0	879	32-41	576
17:00	11	0	8	57	245	306	152	20	1	0	0	0	0	0	800	32-41	513
18:00	4	0	3	60	144	165	92	11	0	1	0	0	0	0	480	32-41	290
19:00	2	0	5	49	119	127	74	13	0	0	0	0	0	0	389	32-41	231
20:00	1	0	3	40	103	83	34	6	1	1	0	0	0	0	272	31-40	172
21:00	0	0	4	38	93	62	40	3	1	0	0	0	0	0	241	30-39	147
22:00	5	0	6	28	60	63	22	5	4	0	0	0	0	0	193	31-40	112
23:00	0	0	1	23	35	45	15	2	1	0	0	0	0	0	122	31-40	75
<b>Total</b>	98	33	153	913	2635	3082	1466	262	28	6	0	0	0	0	8676		
Percent	1.1%	0.4%	1.8%	10.5%	30.4%	35.5%	16.9%	3.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	08:00	11:00	11:00	11:00	08:00	07:00	06:00	07:00					11:00		
Vol.	10	6	14	68	150	188	99	26	3	1					550		
PM Peak	16:00	12:00	12:00	14:00	16:00	16:00	17:00	16:00	16:00	13:00					16:00		
Vol.	11	4	10	79	295	334	152	25	5	1					879		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Start Time	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	Total	Pace Speed	Number in Pace
08/13/16	0	0	2	14	28	26	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	30-39	50	
01:00	0	1	2	6	12	17	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	31-40	27	
02:00	1	0	4	6	16	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	28-37	21		
03:00	0	0	1	4	12	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	29-38	18		
04:00	0	0	1	6	3	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	26-35	9		
05:00	1	0	2	8	11	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	32-41	22		
06:00	2	0	3	15	39	34	10	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	31-40	66		
07:00	1	0	3	23	45	68	37	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182	33-42	109		
08:00	3	0	1	22	87	83	37	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	243	31-40	155		
09:00	3	0	2	22	126	113	71	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	341	32-41	221		
10:00	5	1	2	38	119	143	79	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	400	32-41	245		
11:00	5	0	1	46	114	121	72	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	376	32-41	220		
12 PM	5	4	4	40	119	157	65	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	404	32-41	255		
13:00	4	1	7	56	146	134	41	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	400	31-40	256		
14:00	1	2	2	32	101	122	63	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	337	32-41	209		
15:00	5	0	5	25	97	97	57	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	299	32-41	179		
16:00	0	0	2	46	92	128	72	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351	33-42	212		
17:00	1	0	3	31	97	102	40	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	288	31-40	183		
18:00	0	0	1	42	80	95	61	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	284	32-41	168		
19:00	1	0	5	38	73	96	48	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271	32-41	160		
20:00	0	0	5	26	83	85	35	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	239	31-40	155		
21:00	1	1	5	28	77	72	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	31-40	136		
22:00	0	0	2	23	47	75	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	168	32-41	112		
23:00	0	0	1	21	28	32	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	30-39	57		
<b>Total</b>	39	10	66	618	1652	1830	860	143	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5234			
<b>Percent</b>	0.7%	0.2%	1.3%	11.8%	31.6%	35.0%	16.4%	2.7%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
<b>AM Peak</b>	10:00	01:00	02:00	11:00	09:00	10:00	10:00	11:00	08:00	10:00																		10:00		
<b>Vol.</b>	5	1	4	46	126	143	79	16	2	1																	400			
<b>PM Peak</b>	12:00	12:00	13:00	13:00	13:00	12:00	16:00	17:00	12:00	14:00																		12:00		
<b>Vol.</b>	5	4	7	56	146	157	72	14	1	1																	404			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
		20	25	30	35	40	45	50	55	60	65	70	75	999			
08/14/16	0	0	2	7	18	18	8	1	0	0	0	0	0	0	54	32-41	33
01:00	1	1	2	6	15	7	1	0	1	0	0	0	0	0	34	28-37	21
02:00	0	0	0	7	8	11	8	0	0	0	0	0	0	0	34	34-43	19
03:00	0	0	2	1	7	7	1	0	0	0	0	0	0	0	18	31-40	13
04:00	0	0	0	1	3	3	4	0	1	0	0	0	0	0	12	34-43	7
05:00	0	0	2	2	13	7	5	1	0	0	0	0	0	0	30	31-40	18
06:00	0	0	0	9	20	30	14	3	3	0	0	0	0	0	79	32-41	48
07:00	0	0	1	13	37	43	30	7	1	0	0	0	0	0	132	33-42	77
08:00	2	0	1	21	75	61	28	5	2	0	0	0	0	0	195	31-40	125
09:00	2	0	1	33	97	83	46	3	0	0	0	0	0	0	265	31-40	167
10:00	2	1	1	40	129	117	39	9	1	0	0	0	0	0	339	31-40	225
11:00	5	0	5	43	121	139	67	23	1	0	0	0	0	0	404	32-41	241
12 PM	5	0	2	36	136	150	84	11	0	0	0	0	0	0	424	32-41	266
13:00	5	0	1	47	94	135	59	11	2	0	0	0	0	0	354	32-41	215
14:00	4	0	3	33	119	140	76	21	2	1	0	0	0	0	399	32-41	242
15:00	3	0	0	32	119	149	77	24	1	0	0	0	0	0	405	32-41	252
16:00	3	0	3	17	93	103	88	14	3	0	0	0	0	0	324	33-42	193
17:00	2	0	6	31	119	112	50	12	0	1	0	0	0	0	333	31-40	212
18:00	3	0	2	36	93	121	55	5	1	0	0	0	0	0	316	32-41	200
19:00	1	0	6	43	128	168	69	6	0	0	0	0	0	0	421	32-41	276
20:00	1	2	3	33	88	74	29	0	1	0	0	0	0	0	231	30-39	149
21:00	1	1	5	22	47	46	12	4	0	0	0	0	0	0	138	31-40	85
22:00	0	0	5	10	33	27	10	4	0	0	0	0	0	0	89	31-40	55
23:00	0	2	0	13	24	22	6	3	0	0	0	0	0	0	70	30-39	43
<b>Total</b>	40	7	53	536	1636	1773	866	167	20	2	0	0	0	0	5100		
Percent	0.8%	0.1%	1.0%	10.5%	32.1%	34.8%	17.0%	3.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	01:00	11:00	11:00	10:00	11:00	11:00	11:00	06:00						11:00		
Vol.	5	1	5	43	129	139	67	23	3						404		
PM Peak	12:00	20:00	17:00	13:00	12:00	19:00	16:00	15:00	16:00	14:00					12:00		
Vol.	5	2	6	47	136	168	88	24	3	1					424		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
08/15/16	0	3	3	8	10	6	3	2	0	0	0	0	0	0	35	27-36	17
01:00	0	0	0	4	5	11	2	1	0	0	0	0	0	0	23	32-41	15
02:00	0	0	1	3	3	4	2	0	0	0	0	0	0	0	13	29-38	7
03:00	0	0	3	4	3	6	1	2	0	0	0	0	0	0	19	31-40	9
04:00	0	1	1	5	8	11	4	1	0	0	0	0	0	0	31	31-40	18
05:00	1	0	3	10	29	40	12	3	1	0	0	0	0	0	99	32-41	63
06:00	5	4	8	21	54	99	55	13	1	0	0	0	0	0	260	34-43	150
07:00	3	2	6	30	131	170	93	15	3	0	0	0	0	0	453	32-41	284
08:00	<b>10</b>	0	7	<b>55</b>	103	<b>175</b>	<b>127</b>	<b>22</b>	1	0	0	0	0	0	<b>500</b>	34-43	288
09:00	3	1	8	30	105	149	84	14	4	0	0	0	0	0	398	33-42	244
10:00	5	1	<b>10</b>	38	<b>140</b>	153	64	12	0	0	0	0	0	0	423	32-41	267
11:00	6	1	10	44	135	140	91	17	4	0	0	0	0	0	448	32-41	258
12 PM	3	3	8	52	163	243	109	19	<b>5</b>	<b>1</b>	0	0	0	0	606	32-41	383
13:00	5	1	4	43	140	198	101	10	0	0	0	0	0	0	502	32-41	320
14:00	6	1	3	49	142	156	76	17	0	0	0	0	0	0	450	32-41	275
15:00	8	0	7	36	163	217	107	<b>24</b>	2	0	0	0	0	0	564	32-41	355
16:00	7	2	<b>10</b>	55	<b>308</b>	<b>369</b>	141	14	3	0	0	0	0	0	<b>909</b>	32-41	620
17:00	<b>13</b>	<b>4</b>	9	<b>75</b>	283	330	<b>161</b>	19	3	0	0	0	0	0	897	32-41	566
18:00	4	0	5	59	157	161	73	13	0	0	0	0	0	0	472	31-40	294
19:00	0	3	6	49	121	119	48	6	0	0	0	0	0	0	352	31-40	222
20:00	2	0	2	37	121	108	23	4	0	0	0	0	0	0	297	31-40	208
21:00	0	0	4	35	68	53	27	4	0	0	0	0	0	0	191	30-39	115
22:00	1	0	1	20	41	35	19	5	2	1	0	0	0	0	125	31-40	71
23:00	0	0	2	7	22	21	10	1	1	0	0	0	0	0	64	31-40	40
<b>Total</b>	<b>82</b>	<b>27</b>	<b>121</b>	<b>769</b>	<b>2455</b>	<b>2974</b>	<b>1433</b>	<b>238</b>	<b>30</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8131</b>		
Percent	1.0%	0.3%	1.5%	9.5%	30.2%	36.6%	17.6%	2.9%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	06:00	10:00	08:00	10:00	08:00	08:00	08:00	09:00							08:00	
Vol.	10	4	10	55	140	175	127	22	4						500		
PM Peak	17:00	17:00	16:00	17:00	16:00	16:00	17:00	15:00	12:00	12:00					16:00		
Vol.	13	4	10	75	308	369	161	24	5	1				909			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/16/16	0	0	2	6	17	10	7	0	0	0	0	0	0	0	42	30-39	26
01:00	3	0	2	3	11	4	3	0	0	0	0	0	0	0	26	30-39	13
02:00	0	0	3	4	7	3	1	1	0	0	0	0	0	0	20	27-36	11
03:00	0	0	1	3	7	2	2	0	0	0	0	0	0	0	15	27-36	10
04:00	0	1	1	2	9	10	6	1	0	0	0	0	0	0	30	32-41	18
05:00	0	1	3	8	25	37	22	5	0	0	1	0	0	0	102	33-42	61
06:00	4	3	4	20	75	92	51	14	2	0	0	0	0	0	265	32-41	156
07:00	7	0	14	45	116	190	84	15	0	0	0	0	0	0	471	33-42	290
08:00	6	2	9	33	126	191	114	19	1	0	0	0	0	0	501	33-42	309
09:00	4	3	14	56	127	165	64	13	0	0	0	0	0	0	446	32-41	270
10:00	3	2	12	55	123	135	57	13	1	1	0	0	0	0	402	31-40	238
11:00	5	1	13	58	156	169	81	13	1	1	0	0	0	0	498	31-40	300
12 PM	8	4	6	61	177	233	87	19	0	0	0	0	0	0	595	32-41	376
13:00	6	1	8	51	195	209	87	21	4	1	0	0	0	0	583	31-40	369
14:00	8	3	4	43	136	172	96	18	3	0	0	0	0	0	483	32-41	289
15:00	12	6	20	103	213	168	74	15	0	0	1	0	0	0	612	30-39	353
16:00	16	6	22	121	319	337	102	12	0	0	0	0	0	0	935	31-40	594
17:00	20	2	16	93	330	360	168	21	0	2	0	0	0	0	1012	32-41	630
18:00	2	1	6	44	148	131	83	19	3	0	0	0	0	0	437	31-40	260
19:00	1	1	3	37	104	116	53	9	1	0	0	0	0	0	325	31-40	204
20:00	0	1	7	46	103	106	44	4	0	0	1	0	0	0	312	31-40	194
21:00	0	0	7	26	75	84	17	6	0	0	0	0	0	0	215	31-40	145
22:00	2	0	7	27	47	32	9	2	0	0	0	0	0	0	126	29-38	76
23:00	1	0	2	14	23	23	10	3	0	0	0	0	0	0	76	30-39	43
<b>Total</b>	<b>108</b>	<b>38</b>	<b>186</b>	<b>959</b>	<b>2669</b>	<b>2979</b>	<b>1322</b>	<b>243</b>	<b>17</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8529</b>		
Percent	1.3%	0.4%	2.2%	11.2%	31.3%	34.9%	15.5%	2.8%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	06:00	07:00	11:00	11:00	08:00	08:00	08:00	06:00	10:00	05:00				08:00		
Vol.	7	3	14	58	156	191	114	19	2	1	1				501		
PM Peak	17:00	15:00	16:00	16:00	17:00	17:00	17:00	13:00	13:00	17:00	15:00				17:00		
Vol.	20	6	22	121	330	360	168	21	4	2	1				1012		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/17/16	0	0	2	9	17	13	3	1	0	0	0	0	0	0	45	30-39	28
01:00	0	0	5	8	6	5	0	0	2	0	0	0	0	0	26	24-33	14
02:00	0	0	1	6	5	4	0	2	0	0	0	0	0	0	18	28-37	10
03:00	0	2	3	4	9	3	2	0	0	0	0	0	0	0	23	28-37	12
04:00	0	2	2	2	5	11	5	3	0	0	0	0	0	0	30	35-44	15
05:00	1	0	6	11	35	37	19	4	0	0	0	0	0	0	113	32-41	67
06:00	1	2	1	22	76	90	49	9	2	1	0	0	0	0	253	32-41	156
07:00	12	7	16	58	148	157	74	16	2	1	0	0	0	0	491	31-40	277
08:00	10	7	10	34	131	197	103	26	5	0	0	0	0	0	523	33-42	310
09:00	9	7	8	27	125	131	86	19	1	0	0	0	0	0	413	32-41	236
10:00	7	2	6	53	121	153	74	11	1	0	0	0	0	0	428	32-41	255
11:00	14	6	3	39	139	212	86	23	1	0	0	0	0	0	523	32-41	323
12 PM	11	8	16	46	196	243	118	7	4	0	0	0	0	0	649	32-41	404
13:00	6	7	9	65	198	200	80	13	1	0	0	0	0	0	579	31-40	362
14:00	13	2	8	47	151	220	96	14	2	0	0	0	0	0	553	32-41	344
15:00	8	8	7	46	190	252	140	36	2	0	0	0	0	0	689	33-42	416
16:00	13	0	8	89	296	325	190	31	3	1	0	0	0	0	956	32-41	580
17:00	18	4	12	100	343	349	127	14	0	0	0	0	0	0	967	31-40	626
18:00	5	2	5	41	205	186	93	17	1	0	0	0	0	0	555	31-40	357
19:00	6	0	3	57	138	123	57	12	2	0	0	0	0	0	398	31-40	240
20:00	3	0	6	45	106	112	35	1	0	0	1	0	0	0	309	31-40	200
21:00	3	0	8	36	81	80	27	7	0	0	0	0	0	0	242	31-40	148
22:00	0	0	6	18	42	33	14	2	0	0	0	0	0	0	115	30-39	70
23:00	0	0	5	19	37	28	8	1	0	0	0	0	0	0	98	30-39	62
<b>Total</b>	140	66	156	882	2800	3164	1486	269	29	3	1	0	0	0	8996		
Percent	1.6%	0.7%	1.7%	9.8%	31.1%	35.2%	16.5%	3.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	07:00	07:00	07:00	07:00	11:00	08:00	08:00	08:00	06:00					08:00		
Vol.	14	7	16	58	148	212	103	26	5	1					523		
PM Peak	17:00	12:00	12:00	17:00	17:00	17:00	16:00	15:00	12:00	16:00	20:00				17:00		
Vol.	18	8	16	100	343	349	190	36	4	1	1				967		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/18/16	0	0	1	12	11	8	2	1	1	0	0	0	0	0	36	27-36	22
01:00	0	1	5	0	11	13	5	0	0	0	0	0	0	0	35	32-41	22
02:00	0	0	0	5	9	1	2	0	0	0	0	0	0	0	17	27-36	13
03:00	0	0	1	4	6	10	0	2	0	0	0	0	0	0	23	31-40	15
04:00	0	0	3	3	7	11	10	2	0	0	0	0	0	0	36	34-43	20
05:00	1	0	6	11	30	47	12	4	0	0	0	0	0	0	111	32-41	71
06:00	2	4	3	23	65	107	58	11	1	0	0	0	0	0	274	33-42	167
07:00	8	2	12	46	140	179	103	19	3	0	0	0	0	0	512	32-41	300
08:00	3	3	11	38	127	<b>190</b>	<b>124</b>	<b>23</b>	2	0	0	0	0	0	<b>521</b>	33-42	313
09:00	5	2	3	47	134	139	60	10	1	0	0	0	0	0	401	31-40	250
10:00	4	0	<b>15</b>	53	124	157	72	8	0	0	0	0	0	0	433	32-41	262
11:00	7	4	12	<b>56</b>	<b>157</b>	183	77	11	0	0	0	0	0	0	507	32-41	311
12 PM	4	1	12	52	193	240	98	13	2	0	0	0	0	0	615	32-41	400
13:00	7	2	3	55	157	213	77	12	<b>3</b>	0	0	0	0	0	529	32-41	340
14:00	9	<b>5</b>	<b>16</b>	47	160	190	82	15	2	0	0	0	0	0	526	32-41	320
15:00	7	1	6	58	182	219	109	19	2	0	0	0	0	0	603	32-41	373
16:00	<b>22</b>	4	13	81	275	317	<b>205</b>	<b>38</b>	1	0	0	0	0	0	<b>956</b>	32-41	554
17:00	17	1	8	<b>88</b>	<b>300</b>	<b>344</b>	131	23	1	0	0	0	0	0	913	32-41	584
18:00	7	5	12	68	155	192	82	5	0	0	0	0	0	0	526	32-41	320
19:00	6	0	2	50	129	152	53	6	1	0	0	0	0	0	399	31-40	257
20:00	3	0	3	58	131	116	32	5	0	0	0	0	0	0	348	30-39	228
21:00	5	0	8	40	80	70	26	2	1	0	0	0	0	0	232	30-39	138
22:00	4	4	6	33	52	51	13	2	1	0	0	0	0	0	166	30-39	94
23:00	1	0	3	27	33	32	16	2	0	0	0	0	0	0	114	29-38	63
<b>Total</b>	<b>122</b>	<b>39</b>	<b>164</b>	<b>955</b>	<b>2668</b>	<b>3181</b>	<b>1449</b>	<b>233</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8833</b>		
Percent	1.4%	0.4%	1.9%	10.8%	30.2%	36.0%	16.4%	2.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	06:00	10:00	11:00	11:00	08:00	08:00	08:00	07:00						08:00		
Vol.	8	4	15	56	157	190	124	23	3						521		
PM Peak	16:00	14:00	14:00	17:00	17:00	17:00	16:00	16:00	13:00						16:00		
Vol.	22	5	16	88	300	344	205	38	3						956		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

110 speed  
Count 1  
Front and Route 322

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76		Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	in Pace
08/19/16	0	0	3	4	23	11	5	1	0	0	0	0	0	0	47	30-39	32
01:00	0	1	3	3	8	8	3	1	0	0	0	0	0	0	27	31-40	15
02:00	0	1	6	7	10	8	1	1	0	0	0	0	0	0	34	30-39	17
03:00	0	0	4	4	9	4	1	0	0	0	0	0	0	0	22	27-36	13
04:00	0	2	5	3	13	9	4	0	1	0	0	0	0	0	37	30-39	20
05:00	2	0	5	8	28	34	17	3	0	0	0	0	0	0	97	32-41	57
06:00	4	2	4	24	70	90	44	11	1	0	0	0	0	0	250	32-41	149
07:00	8	14	19	41	130	164	86	11	3	0	0	0	0	0	476	32-41	271
08:00	8	9	7	33	123	176	122	13	4	0	0	0	0	0	495	33-42	292
09:00	12	17	14	49	153	158	61	10	0	0	0	0	0	0	474	31-40	276
10:00	14	15	7	55	154	156	53	9	1	1	0	0	0	0	465	31-40	275
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>48</b>	<b>61</b>	<b>77</b>	<b>231</b>	<b>721</b>	<b>818</b>	<b>397</b>	<b>60</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2424</b>		
Percent	2.0%	2.5%	3.2%	9.5%	29.7%	33.7%	16.4%	2.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	09:00	07:00	10:00	10:00	08:00	08:00	08:00	08:00	10:00					08:00		
Vol.	14	17	19	55	154	176	122	13	4	1					495		
PM Peak																	
Vol.																	
Total	1100	422	1453	8922	26792	30898	14121	2422	268	39	4	0	0	0	86441		
Percent	1.3%	0.5%	1.7%	10.3%	31.0%	35.7%	16.3%	2.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 29 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 44 MPH

Stats  
 10 MPH Pace Speed : 32-41 MPH  
 Number in Pace : 53100  
 Percent in Pace : 61.4%  
 Number of Vehicles > 55 MPH : 43  
 Percent of Vehicles > 55 MPH : 0.0%  
 Mean Speed(Average) : 36 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/08/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	19	1	<b>8</b>	26	74	<b>212</b>	183	57	14	2	0	0	0	0	596	36-45	354
16:00	20	<b>4</b>	7	23	<b>75</b>	188	203	84	10	1	0	0	0	0	615	36-45	353
17:00	<b>24</b>	3	8	<b>30</b>	68	190	<b>227</b>	<b>93</b>	<b>18</b>	2	0	0	0	0	<b>663</b>	37-46	376
18:00	21	0	2	17	53	155	159	76	15	1	0	0	0	0	499	36-45	282
19:00	9	1	1	12	40	114	119	42	7	<b>4</b>	<b>1</b>	<b>1</b>	0	0	351	36-45	210
20:00	3	0	0	7	42	97	93	36	7	1	0	0	0	0	286	36-45	175
21:00	2	0	1	8	29	59	51	28	2	1	0	0	0	0	181	35-44	103
22:00	1	0	1	7	16	38	43	14	1	1	0	0	0	0	122	36-45	74
23:00	1	0	0	2	8	34	17	5	3	1	0	0	0	0	71	35-44	47
Total	100	9	28	132	405	1087	1095	435	77	14	1	1	0	0	3384		
Percent	3.0%	0.3%	0.8%	3.9%	12.0%	32.1%	32.4%	12.9%	2.3%	0.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	17:00	16:00	15:00	17:00	16:00	15:00	17:00	17:00	17:00	19:00	19:00	19:00			17:00		
	24	4	8	30	75	212	227	93	18	4	1	1			663		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/09/16	0	0	0	0	4	13	19	6	0	0	0	0	0	0	42	37-46	30
01:00	0	0	1	4	2	8	5	1	1	0	0	0	0	0	22	34-43	12
02:00	0	0	0	0	1	5	3	3	0	0	0	0	0	0	12	36-45	8
03:00	0	0	0	2	4	4	5	1	2	0	0	0	0	0	18	34-43	9
04:00	2	0	0	0	6	14	10	3	1	0	0	0	0	0	36	35-44	22
05:00	1	0	0	0	16	38	58	23	5	0	1	0	0	0	142	37-46	90
06:00	10	0	0	5	22	103	158	67	20	1	0	0	0	0	386	37-46	242
07:00	29	8	10	22	105	333	218	79	12	2	0	0	0	0	818	35-44	497
08:00	39	4	15	56	148	224	172	66	9	2	0	0	0	0	735	34-43	370
09:00	12	0	2	3	56	222	141	50	14	1	0	0	0	0	501	35-44	329
10:00	15	2	3	15	71	132	121	34	9	2	0	0	0	0	404	35-44	230
11:00	9	0	7	20	91	230	150	45	5	0	0	0	0	0	557	35-44	354
12 PM	14	4	7	33	120	238	161	42	10	0	0	0	0	0	629	34-43	375
13:00	10	2	7	21	90	232	165	37	5	2	0	0	0	0	571	35-44	365
14:00	18	2	16	34	83	183	138	33	3	0	1	0	0	0	511	35-44	293
15:00	16	0	1	22	86	187	196	76	16	0	0	0	0	0	600	36-45	349
16:00	16	4	4	8	75	168	218	90	17	1	0	0	0	0	601	37-46	353
17:00	17	2	9	19	94	211	215	100	14	0	0	0	0	0	681	36-45	390
18:00	11	1	6	16	59	188	148	60	12	4	0	0	0	0	505	36-45	304
19:00	1	0	0	7	59	109	122	50	5	0	0	0	0	0	353	36-45	216
20:00	2	0	4	14	40	108	94	37	5	0	2	1	0	0	307	36-45	186
21:00	1	0	0	6	26	66	54	15	1	2	0	0	0	0	171	35-44	111
22:00	1	0	0	3	15	50	37	16	1	0	0	0	0	0	123	35-44	80
23:00	4	0	0	2	16	35	23	11	3	0	0	0	0	0	94	35-44	54
<b>Total</b>	228	29	92	312	1289	3101	2631	945	170	17	4	1	0	0	8819		
<b>Percent</b>	2.6%	0.3%	1.0%	3.5%	14.6%	35.2%	29.8%	10.7%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	08:00	07:00	08:00	08:00	08:00	07:00	07:00	07:00	06:00	07:00	05:00				07:00		
<b>Vol.</b>	39	8	15	56	148	333	218	79	20	2	1				818		
<b>PM Peak</b>	14:00	12:00	14:00	14:00	12:00	12:00	16:00	17:00	16:00	18:00	20:00	20:00			17:00		
<b>Vol.</b>	18	4	16	34	120	238	218	100	17	4	2	1			681		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/10/16	0	0	0	1	3	12	14	5	1	0	0	0	0	0	36	36-45	24
01:00	0	0	0	1	5	10	3	3	0	0	0	0	0	0	22	33-42	14
02:00	0	0	1	2	4	6	7	8	0	0	0	0	0	0	28	40-49	14
03:00	1	0	0	0	0	3	4	2	0	0	0	0	0	0	10	38-47	6
04:00	0	0	0	2	13	16	9	7	2	0	0	0	0	0	49	33-42	27
05:00	4	0	2	1	13	31	47	22	7	2	0	0	0	0	129	37-46	73
06:00	8	0	1	1	21	110	150	71	12	2	0	0	0	0	376	37-46	241
07:00	<b>41</b>	<b>11</b>	<b>16</b>	<b>42</b>	<b>153</b>	<b>289</b>	200	66	12	1	0	0	0	0	<b>831</b>	34-43	449
08:00	26	7	13	32	109	243	204	<b>75</b>	<b>14</b>	<b>3</b>	0	0	0	0	726	35-44	404
09:00	16	2	11	22	97	191	120	46	8	0	0	0	0	0	513	34-43	294
10:00	7	1	3	23	71	160	131	38	6	0	0	0	0	0	440	35-44	268
11:00	18	1	2	16	77	169	<b>212</b>	44	7	0	0	0	0	0	546	36-45	341
12 PM	20	1	3	31	130	200	169	44	8	1	0	0	0	0	607	35-44	344
13:00	<b>45</b>	<b>18</b>	<b>36</b>	<b>91</b>	<b>175</b>	174	63	8	2	1	0	0	0	0	613	31-40	303
14:00	17	0	6	22	112	197	142	48	7	<b>2</b>	0	0	0	0	553	34-43	319
15:00	26	3	4	17	84	212	201	58	10	1	0	0	0	0	616	36-45	367
16:00	21	0	6	28	93	211	<b>233</b>	74	9	1	0	0	0	0	676	36-45	401
17:00	32	1	6	24	94	<b>223</b>	205	<b>82</b>	<b>13</b>	1	0	0	0	0	<b>681</b>	36-45	383
18:00	13	1	3	21	72	157	171	58	8	0	0	0	0	0	504	36-45	298
19:00	7	0	2	9	44	125	113	54	5	1	0	0	0	0	360	36-45	218
20:00	5	0	6	16	53	127	91	31	1	0	0	0	0	0	330	35-44	203
21:00	0	0	0	3	53	80	61	15	0	0	0	0	0	0	212	34-43	138
22:00	1	0	2	9	21	51	30	6	1	0	0	0	0	0	121	34-43	77
23:00	0	0	0	2	19	22	15	7	3	0	0	0	0	0	68	33-42	39
Total	308	46	123	416	1516	3019	2595	872	136	16	0	0	0	0	9047		
Percent	3.4%	0.5%	1.4%	4.6%	16.8%	33.4%	28.7%	9.6%	1.5%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	11:00	08:00	08:00	08:00					07:00		
Vol.	41	11	16	42	153	289	212	75	14	3					831		
PM Peak	13:00	13:00	13:00	13:00	13:00	17:00	16:00	17:00	17:00	14:00					17:00		
Vol.	45	18	36	91	175	223	233	82	13	2					681		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/11/16	1	0	1	3	8	13	15	5	1	1	0	0	0	0	48	35-44	26
01:00	0	0	0	0	2	9	4	1	0	0	0	0	0	0	16	35-44	12
02:00	0	0	0	0	4	6	2	2	0	0	0	0	0	0	14	33-42	9
03:00	0	0	0	3	2	6	6	2	0	0	0	0	0	0	19	36-45	11
04:00	0	0	0	1	5	10	8	2	2	0	0	0	0	0	28	34-43	17
05:00	1	0	0	2	9	44	59	23	8	2	0	0	0	0	148	37-46	95
06:00	4	0	0	4	14	122	163	76	13	0	0	0	0	0	396	37-46	266
07:00	<b>37</b>	<b>5</b>	<b>16</b>	<b>40</b>	<b>102</b>	<b>250</b>	<b>239</b>	<b>67</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>769</b>	<b>36-45</b>	<b>433</b>
08:00	34	11	19	36	118	266	200	57	13	2	0	0	0	0	756	35-44	420
09:00	7	0	2	24	60	196	160	55	8	0	0	0	0	0	512	36-45	324
10:00	13	1	3	11	65	195	148	59	4	0	0	0	0	0	499	35-44	311
11:00	20	4	8	24	79	184	170	41	8	2	0	0	0	0	540	35-44	316
12 PM	19	1	4	36	87	243	187	46	10	0	0	0	0	0	633	35-44	388
13:00	15	0	9	30	65	228	169	42	7	0	0	0	0	0	565	35-44	357
14:00	12	0	8	47	89	172	168	39	8	0	0	0	0	0	543	35-44	310
15:00	11	0	3	11	72	195	167	67	15	2	0	0	0	0	543	36-45	330
16:00	16	0	4	15	71	180	226	105	17	1	0	0	0	0	635	37-46	374
17:00	17	3	2	18	80	229	221	77	17	3	0	0	0	0	667	36-45	406
18:00	13	0	3	12	77	164	183	83	11	0	0	0	0	0	546	36-45	318
19:00	8	0	0	10	44	157	125	41	8	0	0	0	0	0	393	36-45	254
20:00	2	0	0	11	44	115	90	46	4	1	0	0	0	0	313	36-45	190
21:00	1	0	0	8	35	75	48	28	2	2	0	0	0	0	199	35-44	118
22:00	0	0	1	3	16	56	48	20	3	0	0	0	0	0	147	36-45	96
23:00	0	0	0	1	7	32	24	12	2	0	1	0	0	0	79	36-45	52
Total	231	25	83	350	1155	3147	2830	996	170	20	1	0	0	0	9008		
Percent	2.6%	0.3%	0.9%	3.9%	12.8%	34.9%	31.4%	11.1%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	08:00	08:00	07:00	08:00	08:00	07:00	06:00	06:00	07:00					07:00		
Vol.	37	11	19	40	118	266	239	76	13	4					769		
PM Peak	12:00	17:00	13:00	14:00	14:00	12:00	16:00	16:00	16:00	17:00	23:00				17:00		
Vol.	19	3	9	47	89	243	226	105	17	3	1				667		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/12/16	1	0	5	1	9	22	18	4	0	0	0	0	0	0	60	35-44	37
01:00	0	0	0	1	7	6	8	2	0	0	0	0	0	0	24	34-43	14
02:00	0	0	0	0	3	10	4	0	0	0	0	0	0	0	17	34-43	14
03:00	0	0	0	0	4	5	7	3	2	0	0	0	0	0	21	38-47	11
04:00	0	0	0	3	9	9	18	4	3	1	0	0	0	0	47	38-47	25
05:00	1	0	0	0	11	37	71	22	5	1	0	0	0	0	148	38-47	101
06:00	7	2	0	8	27	94	126	86	18	0	0	0	0	0	368	38-47	213
07:00	31	4	6	28	105	<b>246</b>	<b>215</b>	<b>91</b>	<b>29</b>	2	0	0	0	0	<b>757</b>	36-45	415
08:00	<b>36</b>	<b>11</b>	<b>27</b>	<b>44</b>	<b>106</b>	223	168	64	9	<b>3</b>	0	0	0	0	691	35-44	352
09:00	9	0	3	17	58	155	154	63	5	1	0	0	0	0	465	36-45	282
10:00	11	2	6	14	68	157	132	52	6	0	0	0	0	0	448	35-44	264
11:00	13	0	6	16	79	225	179	53	8	1	0	0	0	0	580	35-44	367
12 PM	23	1	2	34	<b>100</b>	197	<b>221</b>	74	12	0	0	0	0	0	<b>664</b>	36-45	378
13:00	14	<b>7</b>	<b>19</b>	<b>42</b>	86	201	152	57	6	0	0	0	0	0	584	35-44	323
14:00	21	4	8	34	92	200	150	48	4	0	0	0	0	0	561	35-44	319
15:00	10	2	3	21	83	189	190	<b>91</b>	14	1	0	0	0	0	604	36-45	349
16:00	<b>25</b>	2	8	17	79	<b>252</b>	191	75	7	1	0	0	0	0	657	35-44	396
17:00	20	2	10	24	76	213	194	64	<b>21</b>	1	0	0	0	0	625	36-45	365
18:00	9	0	0	6	51	162	164	62	13	<b>3</b>	0	0	0	0	470	36-45	296
19:00	7	0	5	11	42	140	139	48	7	0	0	0	0	0	399	36-45	253
20:00	1	0	5	4	37	103	85	34	5	2	0	0	0	0	276	36-45	173
21:00	0	0	1	3	27	88	59	28	2	0	<b>1</b>	0	0	0	209	35-44	137
22:00	0	0	0	3	33	62	66	18	4	0	0	0	0	0	186	36-45	119
23:00	1	0	0	3	14	40	34	12	3	0	0	0	0	0	107	35-44	68
Total	240	37	114	334	1206	3036	2745	1055	183	17	1	0	0	0	8968		
Percent	2.7%	0.4%	1.3%	3.7%	13.4%	33.9%	30.6%	11.8%	2.0%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00	07:00	07:00	08:00				07:00		
Vol.	36	11	27	44	106	246	215	91	29	3					757		
PM Peak	16:00	13:00	13:00	13:00	12:00	16:00	12:00	15:00	17:00	18:00	21:00				12:00		
Vol.	25	7	19	42	100	252	221	91	21	3	1				664		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/13/16	0	0	0	3	12	23	14	8	2	0	0	0	0	0	62	34-43	36
01:00	0	0	0	0	6	14	18	6	0	0	0	0	0	0	44	36-45	30
02:00	0	0	0	1	4	8	8	3	1	0	0	0	0	0	25	35-44	15
03:00	0	0	0	0	2	5	4	1	0	0	0	0	0	0	12	36-45	8
04:00	1	0	0	0	5	10	12	3	2	0	0	0	0	0	33	35-44	20
05:00	1	0	0	1	4	12	15	6	3	1	0	0	0	0	43	36-45	25
06:00	1	0	0	1	9	33	61	23	4	2	1	0	0	0	135	38-47	89
07:00	1	0	0	2	8	53	77	50	14	2	0	0	0	0	207	38-47	128
08:00	5	0	3	2	13	73	101	65	14	2	1	0	0	0	279	38-47	168
09:00	7	0	1	8	41	133	148	68	7	4	1	0	0	0	418	37-46	258
10:00	38	1	3	7	36	154	144	62	17	3	2	0	0	0	467	36-45	257
11:00	6	0	0	2	45	128	149	72	13	1	0	0	0	0	416	37-46	256
12 PM	9	0	0	7	55	151	166	74	12	1	0	0	0	0	475	36-45	290
13:00	5	0	3	10	74	156	125	38	7	0	0	0	0	0	418	35-44	262
14:00	7	1	3	2	30	122	137	57	13	2	0	0	0	0	374	37-46	235
15:00	6	0	0	6	37	125	149	66	11	4	0	0	0	0	404	37-46	252
16:00	5	0	0	4	49	145	128	62	8	0	0	0	0	0	401	36-45	251
17:00	5	0	0	4	56	141	138	44	9	0	0	0	0	0	397	36-45	255
18:00	2	0	0	3	42	102	125	61	14	1	0	0	0	0	350	37-46	213
19:00	3	0	0	3	40	106	118	54	4	1	0	0	0	0	329	36-45	207
20:00	1	0	1	4	27	108	57	34	6	0	0	0	0	0	238	35-44	154
21:00	4	0	0	2	29	86	62	25	9	0	0	0	0	0	217	35-44	136
22:00	0	0	0	2	26	47	56	30	4	1	1	0	0	0	167	37-46	98
23:00	0	0	0	0	13	48	26	11	1	1	0	0	0	0	100	35-44	69
<b>Total</b>	<b>107</b>	<b>2</b>	<b>14</b>	<b>74</b>	<b>663</b>	<b>1983</b>	<b>2038</b>	<b>923</b>	<b>175</b>	<b>26</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6011</b>		
<b>Percent</b>	<b>1.8%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>1.2%</b>	<b>11.0%</b>	<b>33.0%</b>	<b>33.9%</b>	<b>15.4%</b>	<b>2.9%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>	<b>10:00</b>	<b>08:00</b>	<b>09:00</b>	<b>11:00</b>	<b>10:00</b>	<b>11:00</b>	<b>11:00</b>	<b>10:00</b>	<b>09:00</b>	<b>10:00</b>				<b>10:00</b>		
<b>Vol.</b>	<b>38</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>45</b>	<b>154</b>	<b>149</b>	<b>72</b>	<b>17</b>	<b>4</b>	<b>2</b>				<b>467</b>		
<b>PM Peak</b>	<b>12:00</b>	<b>14:00</b>	<b>13:00</b>	<b>13:00</b>	<b>13:00</b>	<b>13:00</b>	<b>12:00</b>	<b>12:00</b>	<b>18:00</b>	<b>15:00</b>	<b>22:00</b>				<b>12:00</b>		
<b>Vol.</b>	<b>9</b>	<b>1</b>	<b>3</b>	<b>10</b>	<b>74</b>	<b>156</b>	<b>166</b>	<b>74</b>	<b>14</b>	<b>4</b>	<b>1</b>				<b>475</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/14/16	1	0	0	2	7	23	24	6	1	0	0	0	0	0	64	36-45	42
01:00	0	0	0	0	5	16	10	4	2	0	0	0	0	0	37	35-44	24
02:00	0	0	0	1	5	9	10	4	1	0	0	0	0	0	30	35-44	18
03:00	0	0	0	0	4	7	7	0	1	0	0	0	0	0	19	34-43	13
04:00	0	0	0	1	1	3	2	0	0	1	0	0	0	0	8	34-43	5
05:00	0	0	0	0	4	3	8	7	4	0	0	0	0	0	26	41-50	14
06:00	0	0	0	1	10	28	39	24	7	3	0	0	0	0	112	38-47	65
07:00	0	0	0	0	4	28	59	28	9	4	0	0	0	0	132	39-48	87
08:00	1	0	0	1	29	72	86	34	11	0	0	1	0	0	235	37-46	146
09:00	3	0	0	8	28	101	109	63	10	2	0	0	0	0	324	37-46	196
10:00	4	0	0	1	33	117	104	66	9	1	0	0	0	0	335	36-45	204
11:00	9	0	9	11	73	149	153	43	11	2	0	0	0	0	460	36-45	275
12 PM	7	0	2	12	53	165	148	62	6	1	0	0	0	0	456	36-45	286
13:00	5	0	0	4	31	133	159	46	3	1	0	0	0	0	382	37-46	263
14:00	10	0	1	8	58	167	179	64	11	0	0	0	0	0	498	36-45	314
15:00	9	0	0	14	52	148	171	59	10	0	0	0	0	0	463	36-45	290
16:00	5	0	0	12	51	134	127	65	7	1	0	0	0	0	402	36-45	241
17:00	1	0	0	3	35	102	117	80	8	2	0	0	0	0	348	37-46	210
18:00	8	0	3	11	62	135	127	38	7	1	0	0	0	0	392	35-44	239
19:00	0	0	0	5	37	106	85	22	8	2	0	0	0	0	265	35-44	176
20:00	1	0	2	1	32	90	61	32	1	1	0	0	0	0	221	35-44	141
21:00	1	0	0	3	21	49	63	17	7	0	0	0	0	0	161	36-45	103
22:00	0	0	0	2	8	36	35	12	2	1	0	0	0	0	96	36-45	65
23:00	0	0	2	0	8	27	15	6	2	0	0	0	0	0	60	35-44	39
Total	65	0	19	101	651	1848	1898	782	138	23	0	1	0	0	5526		
Percent	1.2%	0.0%	0.3%	1.8%	11.8%	33.4%	34.3%	14.2%	2.5%	0.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00		11:00	11:00	11:00	11:00	11:00	10:00	08:00	07:00		08:00			11:00		
Vol.	9		9	11	73	149	153	66	11	4		1			460		
PM Peak	14:00		18:00	15:00	18:00	14:00	14:00	17:00	14:00	17:00					14:00		
Vol.	10		3	14	62	167	179	80	11	2					498		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound																			
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace	
08/15/16	2	0	0	0	4	16	11	2	0	1	0	0	0	0	0	36	35-44	24	
01:00	0	0	0	3	6	8	3	2	0	0	0	0	0	0	0	22	32-41	13	
02:00	0	0	0	1	7	4	4	2	0	0	0	0	0	0	0	18	32-41	10	
03:00	0	0	0	2	7	7	9	1	0	1	0	0	0	0	0	27	36-45	15	
04:00	0	0	0	3	6	14	8	5	1	0	0	0	0	0	0	37	35-44	21	
05:00	3	0	0	2	10	32	54	24	5	1	0	0	0	0	0	131	38-47	81	
06:00	6	0	0	5	22	100	170	59	10	2	0	0	0	0	0	374	37-46	251	
07:00	<b>28</b>	<b>4</b>	<b>8</b>	<b>21</b>	<b>85</b>	<b>279</b>	<b>241</b>	<b>86</b>	<b>16</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>769</b>	<b>36-45</b>	<b>463</b>	
08:00	23	4	7	28	72	226	204	97	16	3	0	0	0	0	0	680	36-45	387	
09:00	7	0	3	21	57	149	132	59	9	0	0	0	0	0	0	437	36-45	258	
10:00	17	1	4	24	43	126	160	58	8	1	0	0	0	0	0	442	37-46	257	
11:00	20	0	3	20	68	179	166	61	10	1	0	0	0	0	0	528	36-45	310	
12 PM	<b>23</b>	<b>4</b>	<b>15</b>	<b>22</b>	<b>63</b>	<b>206</b>	<b>200</b>	<b>64</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>605</b>	<b>36-45</b>	<b>360</b>	
13:00	18	2	7	14	73	195	139	71	8	2	0	0	0	0	0	529	35-44	304	
14:00	19	2	5	17	<b>95</b>	170	130	52	9	1	0	0	0	0	0	500	35-44	278	
15:00	13	0	5	13	46	160	199	<b>97</b>	9	2	0	0	0	0	0	544	37-46	331	
16:00	16	0	1	13	68	<b>218</b>	212	89	<b>15</b>	0	0	0	0	0	0	<b>632</b>	<b>36-45</b>	<b>389</b>	
17:00	8	0	1	19	67	171	<b>236</b>	92	15	0	1	0	0	0	0	610	37-46	377	
18:00	7	0	5	22	51	140	179	62	7	0	0	0	0	0	0	473	37-46	292	
19:00	7	<b>6</b>	0	6	51	140	123	42	5	0	0	0	0	0	0	380	36-45	237	
20:00	2	0	1	14	60	96	65	21	2	1	0	0	0	0	0	262	34-43	158	
21:00	2	0	0	4	40	101	67	17	2	1	0	0	0	0	0	234	35-44	157	
22:00	0	0	0	1	18	46	31	10	4	0	0	0	0	0	0	110	35-44	72	
23:00	0	0	0	1	9	28	14	8	3	0	0	0	0	0	0	63	34-43	40	
Total	221	23	65	276	1028	2811	2757	1081	160	19	2	0	0	0	0	8443			
Percent	2.6%	0.3%	0.8%	3.3%	12.2%	33.3%	32.7%	12.8%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	07:00	07:00	07:00	08:00	07:00	07:00	07:00	08:00	07:00	08:00									07:00
Vol.	28	4	8	28	85	279	241	97	16	3									769
PM Peak	12:00	19:00	12:00	12:00	14:00	16:00	17:00	15:00	16:00	13:00	12:00						16:00		
Vol.	23	6	15	22	95	218	236	97	15	2	1						632		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
08/16/16	0	0	2	1	3	9	14	8	2	0	0	0	0	0	0	39	38-47	23
01:00	1	1	0	1	3	9	8	4	0	0	0	0	0	0	0	27	36-45	15
02:00	0	0	0	1	1	3	9	1	1	0	0	0	0	0	0	16	38-47	11
03:00	1	0	0	2	3	6	6	4	0	0	0	0	0	0	0	22	35-44	11
04:00	0	0	0	0	8	12	8	7	2	0	0	0	0	0	0	37	34-43	20
05:00	2	0	0	2	11	36	50	27	7	2	0	0	0	0	0	137	38-47	81
06:00	6	0	0	6	20	109	147	70	13	1	1	0	0	0	0	373	37-46	238
07:00	<b>44</b>	<b>10</b>	<b>11</b>	<b>39</b>	<b>137</b>	<b>290</b>	<b>182</b>	<b>76</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>	<b>34-43</b>	<b>432</b>
08:00	41	5	18	61	123	261	166	35	14	0	0	0	0	0	0	724	34-43	391
09:00	12	1	1	22	89	205	147	35	4	2	2	0	0	0	0	520	35-44	325
10:00	11	0	5	16	83	196	129	37	6	0	0	0	0	0	0	483	35-44	302
11:00	6	0	1	13	69	205	150	45	5	1	1	0	0	0	0	496	35-44	326
12 PM	12	3	6	25	91	204	168	64	8	1	1	0	0	0	0	583	35-44	341
13:00	17	3	19	39	104	192	151	38	6	0	0	0	0	0	0	569	35-44	317
14:00	6	0	3	23	105	185	168	45	6	1	0	0	0	0	0	542	35-44	329
15:00	<b>29</b>	<b>1</b>	<b>21</b>	<b>63</b>	<b>91</b>	<b>184</b>	<b>147</b>	<b>65</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>615</b>	<b>35-44</b>	<b>301</b>
16:00	23	10	12	34	116	265	197	75	7	1	0	0	0	0	0	740	35-44	422
17:00	24	6	14	54	127	293	256	69	8	2	0	0	0	0	0	853	35-44	496
18:00	11	0	2	11	65	194	152	63	11	0	0	0	0	0	0	509	36-45	314
19:00	2	0	0	7	48	119	88	52	7	0	0	1	0	0	0	324	35-44	194
20:00	8	0	3	20	38	98	98	26	4	0	0	0	0	0	0	295	36-45	176
21:00	1	0	0	4	46	75	63	15	3	0	0	0	0	0	0	207	35-44	131
22:00	0	0	0	8	24	38	32	7	1	0	1	0	0	0	0	111	34-43	67
23:00	0	0	0	1	13	40	20	13	2	0	0	0	0	0	0	89	35-44	57
Total	257	40	118	453	1418	3228	2556	881	137	16	6	1	0	0	0	9111		
Percent	2.8%	0.4%	1.3%	5.0%	15.6%	35.4%	28.1%	9.7%	1.5%	0.2%	0.1%	0.0%	0.0%	0.0%				
AM Peak	07:00	07:00	08:00	08:00	07:00	07:00	07:00	07:00	08:00	05:00	09:00					07:00		
Vol.	44	10	18	61	137	290	182	76	14	2	2					800		
PM Peak	15:00	16:00	15:00	15:00	17:00	17:00	17:00	16:00	15:00	15:00	12:00	19:00				17:00		
Vol.	29	10	21	63	127	293	256	75	11	3	1	1				853		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
08/17/16	0	0	0	2	8	16	7	3	1	0	0	0	0	0	0	37	33-42	24
01:00	0	0	0	2	5	11	6	0	0	0	0	0	0	0	0	24	34-43	17
02:00	0	0	0	1	4	6	5	1	0	0	0	0	0	0	0	17	34-43	11
03:00	0	0	0	2	7	3	8	1	0	0	0	0	0	0	0	21	34-43	11
04:00	0	1	0	0	3	16	13	6	1	0	1	0	0	0	0	41	36-45	26
05:00	0	0	2	2	14	44	48	25	2	1	0	0	0	0	0	138	37-46	86
06:00	8	1	1	5	34	142	114	61	18	0	0	0	0	0	0	384	36-45	233
07:00	<b>43</b>	<b>6</b>	<b>17</b>	<b>49</b>	<b>116</b>	<b>280</b>	<b>212</b>	<b>68</b>	<b>14</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>807</b>	<b>35-44</b>	<b>440</b>
08:00	36	9	5	29	88	235	229	84	13	1	0	0	0	0	0	729	36-45	410
09:00	12	0	0	3	85	160	135	57	9	0	1	0	0	0	0	462	35-44	273
10:00	9	0	0	14	54	166	156	40	7	1	0	0	0	0	0	447	36-45	290
11:00	11	1	3	13	73	217	165	51	8	0	0	0	0	0	0	542	35-44	347
12 PM	15	0	8	17	118	192	184	63	6	1	0	0	0	0	0	604	35-44	348
13:00	<b>24</b>	0	4	<b>29</b>	108	231	184	50	12	<b>2</b>	0	0	0	0	0	644	35-44	378
14:00	19	<b>5</b>	<b>19</b>	21	81	158	163	49	5	1	0	0	0	0	0	521	36-45	288
15:00	17	0	5	18	62	210	208	81	8	2	0	0	0	0	0	611	36-45	377
16:00	23	3	5	14	101	212	<b>222</b>	87	13	1	<b>1</b>	0	0	0	0	682	36-45	393
17:00	12	0	7	28	81	<b>239</b>	202	<b>103</b>	<b>15</b>	1	0	0	0	0	0	<b>688</b>	36-45	405
18:00	7	2	3	11	76	185	151	59	12	2	0	0	0	0	0	508	35-44	309
19:00	8	0	0	8	55	158	135	52	7	2	1	0	<b>1</b>	0	0	427	36-45	267
20:00	2	0	1	6	51	132	94	21	1	0	0	0	0	0	0	308	35-44	210
21:00	2	0	0	11	40	87	72	10	2	0	0	0	0	0	0	224	35-44	147
22:00	0	0	0	6	29	49	33	7	1	0	0	0	0	0	0	125	34-43	80
23:00	2	0	0	4	15	30	16	6	0	1	0	0	0	0	0	74	34-43	45
<b>Total</b>	<b>250</b>	<b>28</b>	<b>80</b>	<b>295</b>	<b>1308</b>	<b>3179</b>	<b>2762</b>	<b>985</b>	<b>155</b>	<b>18</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>9065</b>		
Percent	2.8%	0.3%	0.9%	3.3%	14.4%	35.1%	30.5%	10.9%	1.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	08:00	07:00	07:00	07:00	07:00	08:00	08:00	06:00	07:00	04:00							07:00
Vol.	43	9	17	49	116	280	229	84	18	2	1							807
PM Peak	13:00	14:00	14:00	13:00	12:00	17:00	16:00	17:00	17:00	13:00	16:00		19:00					17:00
Vol.	24	5	19	29	118	239	222	103	15	2	1		1					688

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/18/16	0	0	0	0	7	12	17	2	0	0	0	0	0	0	38	36-45	27
01:00	0	0	0	0	4	7	14	1	0	0	0	0	0	0	26	37-46	19
02:00	0	0	0	1	3	6	9	4	1	0	0	0	0	0	24	38-47	14
03:00	0	0	0	1	1	6	11	1	1	0	0	0	0	0	21	37-46	15
04:00	0	0	0	1	9	6	11	4	3	0	0	0	0	0	34	36-45	17
05:00	4	0	0	1	10	52	62	20	2	0	0	0	0	0	151	37-46	102
06:00	4	0	1	8	21	106	160	60	15	3	0	0	0	0	378	37-46	247
07:00	<b>30</b>	<b>10</b>	<b>14</b>	<b>41</b>	<b>103</b>	<b>316</b>	<b>209</b>	<b>97</b>	<b>16</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>838</b>	<b>35-44</b>	<b>474</b>
08:00	27	15	14	51	68	262	183	75	9	4	0	0	0	0	708	35-44	394
09:00	17	0	6	9	67	165	150	47	12	1	0	0	0	0	474	36-45	283
10:00	11	0	1	10	54	157	161	60	8	0	1	0	0	0	463	36-45	288
11:00	17	0	0	8	72	218	174	56	9	0	0	0	0	0	554	35-44	352
12 PM	15	4	14	33	114	213	159	49	13	3	0	0	0	0	617	35-44	347
13:00	21	1	4	20	87	192	194	48	9	0	0	0	0	0	576	36-45	346
14:00	11	0	1	11	92	184	156	54	12	2	0	0	0	0	523	35-44	314
15:00	12	0	7	26	89	199	168	77	7	2	0	0	0	0	587	35-44	338
16:00	18	2	14	23	76	208	215	83	18	4	0	0	0	0	661	36-45	382
17:00	<b>23</b>	0	4	23	101	<b>243</b>	<b>219</b>	69	15	2	0	0	0	0	<b>699</b>	36-45	416
18:00	12	0	0	25	75	187	148	48	6	0	0	0	0	0	501	35-44	306
19:00	7	0	0	13	57	157	130	44	4	0	0	0	0	0	412	36-45	261
20:00	4	0	1	16	51	119	119	35	7	0	0	0	0	0	352	36-45	218
21:00	1	0	0	4	30	89	79	20	3	0	0	0	0	0	226	36-45	153
22:00	2	0	0	5	20	58	52	17	3	0	0	0	0	0	157	36-45	100
23:00	1	0	3	3	12	41	27	5	3	0	0	0	0	0	95	35-44	62
<b>Total</b>	<b>237</b>	<b>32</b>	<b>84</b>	<b>333</b>	<b>1223</b>	<b>3203</b>	<b>2827</b>	<b>976</b>	<b>176</b>	<b>22</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9115</b>		
Percent	2.6%	0.4%	0.9%	3.7%	13.4%	35.1%	31.0%	10.7%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	08:00	07:00	08:00	07:00	07:00	07:00	07:00	07:00	08:00	07:00				07:00		
Vol.	30	15	14	51	103	316	209	97	16	4	1				838		
PM Peak	17:00	12:00	12:00	12:00	12:00	17:00	17:00	16:00	16:00	16:00					17:00		
Vol.	23	4	14	33	114	243	219	83	18	4					699		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

111 speed  
Count 1  
Front and Route 322

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/19/16	0	0	0	2	6	20	10	2	1	0	0	0	0	0	41	35-44	28
01:00	0	0	2	1	5	3	4	1	0	0	0	0	0	0	16	31-40	8
02:00	0	0	0	0	5	9	9	4	1	0	0	0	0	0	28	35-44	17
03:00	0	0	0	0	3	8	8	1	0	0	0	0	0	0	20	35-44	15
04:00	0	0	0	0	11	13	17	5	3	0	0	0	0	0	49	36-45	28
05:00	2	0	0	2	10	39	43	25	3	2	0	0	0	0	126	37-46	76
06:00	10	1	1	8	32	107	131	58	10	5	0	0	0	0	363	37-46	217
07:00	<b>34</b>	<b>8</b>	<b>29</b>	<b>42</b>	<b>101</b>	<b>244</b>	<b>216</b>	<b>74</b>	<b>28</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>778</b>	<b>36-45</b>	<b>409</b>
08:00	28	0	10	48	130	219	173	73	6	1	0	0	0	0	688	35-44	364
09:00	13	3	9	17	66	184	175	59	13	0	0	0	0	0	539	36-45	324
10:00	24	1	4	35	93	151	127	43	9	1	0	0	0	0	488	35-44	255
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>111</b>	<b>13</b>	<b>55</b>	<b>155</b>	<b>462</b>	<b>997</b>	<b>913</b>	<b>345</b>	<b>74</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3136</b>		
<b>Percent</b>	<b>3.5%</b>	<b>0.4%</b>	<b>1.8%</b>	<b>4.9%</b>	<b>14.7%</b>	<b>31.8%</b>	<b>29.1%</b>	<b>11.0%</b>	<b>2.4%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>06:00</b>					<b>07:00</b>		
<b>Vol.</b>	<b>34</b>	<b>8</b>	<b>29</b>	<b>48</b>	<b>130</b>	<b>244</b>	<b>216</b>	<b>74</b>	<b>28</b>	<b>5</b>					<b>778</b>		

PM Peak Vol.	Total	Percent
Total	2355	2.6%
Percent	284	0.3%
	875	1.0%
	3231	3.6%
	12324	13.7%
	30639	34.2%
	27647	30.8%
	10276	11.5%
	1751	2.0%
	219	0.2%
	27	0.0%
	4	0.0%
	1	0.0%
	0	0.0%
	89633	

15th Percentile : 32 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 48 MPH

Stats  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 52810  
 Percent in Pace : 58.9%  
 Number of Vehicles > 55 MPH : 251  
 Percent of Vehicles > 55 MPH : 0.3%  
 Mean Speed(Average) : 38 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0210 class  
Count 2  
Route 322 and Crooked Hill

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
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	3	197	154	1	29	2	0	5	0	0	0	0	0	23	414	
15:00	5	465	394	15	74	1	0	16	0	0	0	0	0	29	999	
16:00	3	573	430	6	93	2	0	15	0	0	0	0	0	6	1128	
17:00	3	558	433	5	74	0	0	10	1	0	0	0	0	6	1090	
18:00	2	399	331	1	52	0	0	9	0	0	0	0	0	10	804	
19:00	5	263	251	0	35	1	0	2	0	0	0	0	0	5	562	
20:00	10	234	210	0	25	0	0	4	0	0	0	0	0	4	487	
21:00	1	144	128	0	16	0	0	1	0	0	0	0	0	1	291	
22:00	1	115	92	0	7	0	0	0	0	0	0	0	0	0	215	
23:00	0	55	40	0	9	0	0	1	0	0	0	0	0	0	105	
Total	33	3003	2463	28	414	6	0	63	1	0	0	0	0	84	6095	
Percent	0.5%	49.3%	40.4%	0.5%	6.8%	0.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%		
AM Peak Vol.																
PM Peak Vol.	20:00 10	16:00 573	17:00 433	15:00 15	16:00 93	14:00 2		15:00 16	17:00 1					15:00 29		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0210 class  
Count 2  
Route 322 and Crooked Hill

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	1	17	16	1	4	0	0	0	3	0	0	0	0	0	42
01:00	0	15	6	0	2	0	0	0	0	0	0	0	0	0	23
02:00	0	4	8	0	4	0	0	0	0	0	0	0	0	0	16
03:00	0	4	9	0	0	0	0	0	0	0	0	0	0	1	14
04:00	1	17	15	0	7	0	0	0	2	0	0	0	0	3	45
05:00	1	37	62	0	22	0	0	1	1	0	0	0	0	1	125
06:00	5	170	197	4	30	0	0	3	1	0	0	0	0	3	413
07:00	1	438	444	11	44	0	0	10	1	1	0	0	0	5	955
08:00	1	391	410	9	60	1	0	9	0	0	0	0	0	13	894
09:00	2	257	307	10	61	1	0	12	2	0	0	0	1	4	657
10:00	1	246	286	5	57	4	0	4	1	0	0	0	0	6	610
11:00	1	339	302	5	54	1	0	14	3	0	0	0	0	11	730
12 PM	1	425	358	3	59	0	0	12	0	0	0	0	0	9	867
13:00	1	343	360	7	73	1	0	14	1	0	0	0	0	11	811
14:00	0	409	369	2	74	0	0	12	0	0	0	0	0	9	875
15:00	3	459	392	13	78	1	0	19	0	0	0	0	0	5	970
16:00	0	588	425	8	99	0	0	21	1	0	0	0	0	19	1161
17:00	2	546	467	7	67	2	0	8	1	0	0	0	0	26	1126
18:00	4	380	310	0	47	0	0	5	0	0	0	0	0	7	753
19:00	8	263	261	3	35	0	0	6	0	0	0	0	0	1	577
20:00	4	252	203	0	23	0	0	1	0	0	0	0	0	2	485
21:00	3	162	149	0	23	0	0	0	0	0	0	0	0	1	338
22:00	0	72	87	1	9	0	0	0	0	0	0	0	0	0	169
23:00	0	47	44	0	8	0	0	0	0	0	0	0	0	1	100
Total	40	5881	5487	89	940	11	0	151	17	1	0	0	1	138	12756
Percent	0.3%	46.1%	43.0%	0.7%	7.4%	0.1%	0.0%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%	1.1%	
AM Peak	06:00	07:00	07:00	07:00	09:00	10:00		11:00	00:00	07:00			09:00	08:00	
Vol.	5	438	444	11	61	4		14	3	1			1	13	
PM Peak	19:00	16:00	17:00	15:00	16:00	17:00		16:00	13:00					17:00	
Vol.	8	588	467	13	99	2		21	1					26	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0210 class  
Count 2  
Route 322 and Crooked Hill

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	27	20	0	5	0	0	0	1	0	0	0	0	1	54
01:00	0	15	10	0	3	0	0	0	1	0	0	0	0	0	29
02:00	0	5	9	0	2	0	0	0	1	0	0	0	0	1	18
03:00	0	6	14	1	2	0	0	0	1	0	0	0	0	0	24
04:00	0	13	15	0	8	0	0	1	0	0	0	0	0	1	38
05:00	3	38	55	0	15	0	0	1	0	0	0	0	0	6	118
06:00	0	154	158	4	27	0	0	3	1	0	0	0	0	5	352
07:00	1	396	364	10	45	0	0	7	1	0	0	0	0	10	834
08:00	0	345	365	12	61	2	0	14	0	0	0	0	1	18	818
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	999	1010	27	168	2	0	26	6	0	0	0	1	42	2285
Percent	0.2%	43.7%	44.2%	1.2%	7.4%	0.1%	0.0%	1.1%	0.3%	0.0%	0.0%	0.0%	0.0%	1.8%	
AM Peak	05:00	07:00	08:00	08:00	08:00	08:00		08:00	00:00				08:00	08:00	
Vol.	3	396	365	12	61	2		14	1				1	18	
PM Peak															
Vol.															
Grand Total	77	9883	8960	144	1522	19	0	240	24	1	0	0	2	264	21136
Percent	0.4%	46.8%	42.4%	0.7%	7.2%	0.1%	0.0%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	1.2%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0211 class  
Count 2  
Route 322 and Crooked Hill

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	0	132	143	1	26	0	0	6	1	0	0	0	0	18	327
15:00	0	385	324	7	72	0	1	3	0	0	0	0	0	6	798
16:00	0	489	377	6	67	0	0	22	1	1	0	0	0	18	981
17:00	0	603	434	2	48	1	0	24	0	1	0	0	0	26	1139
18:00	2	331	298	0	33	0	0	1	0	0	0	0	0	6	671
19:00	0	269	206	0	21	0	0	2	0	0	0	0	0	15	513
20:00	0	243	227	0	19	1	0	4	0	0	0	0	0	6	500
21:00	0	218	165	0	12	0	0	1	1	0	0	0	0	3	400
22:00	1	103	91	0	10	0	0	1	1	0	0	0	0	5	212
23:00	1	61	41	0	7	1	0	1	1	0	0	0	0	0	113
Total	4	2834	2306	16	315	3	1	65	5	2	0	0	0	103	5654
Percent	0.1%	50.1%	40.8%	0.3%	5.6%	0.1%	0.0%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	1.8%	
AM Peak Vol.															
PM Peak Vol.	18:00 2	17:00 603	17:00 434	15:00 7	15:00 72	17:00 1	15:00 1	17:00 24	14:00 1	16:00 1				17:00 26	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0211 class  
Count 2  
Route 322 and Crooked Hill

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	1	30	29	0	5	0	0	0	1	0	0	0	0	1	67
01:00	0	25	22	0	3	0	0	0	3	0	0	0	0	0	53
02:00	1	8	8	0	6	0	0	0	0	0	0	0	0	0	23
03:00	0	14	15	0	2	0	0	0	0	0	0	0	0	0	31
04:00	0	27	16	1	5	0	0	1	0	0	0	0	0	0	50
05:00	1	87	58	0	11	0	0	0	0	0	0	0	0	0	157
06:00	2	186	153	7	45	0	0	3	1	0	0	0	0	2	399
07:00	1	452	296	8	63	0	1	14	0	1	1	0	0	4	841
08:00	2	445	324	7	64	2	1	21	2	0	1	0	0	7	876
09:00	1	321	262	5	54	0	0	10	0	0	0	0	0	4	657
10:00	1	272	260	9	59	2	0	5	2	0	1	0	0	3	614
11:00	1	326	274	2	63	1	0	9	1	0	0	0	0	2	679
12 PM	0	381	330	3	63	1	0	16	1	0	0	0	0	5	800
13:00	2	374	285	5	67	2	0	15	2	0	0	0	0	6	758
14:00	1	328	281	3	65	0	0	10	2	0	0	0	0	7	697
15:00	2	363	287	6	67	1	0	4	0	0	0	0	0	5	735
16:00	0	553	352	6	54	0	0	22	2	0	0	0	0	15	1004
17:00	1	569	316	1	70	1	0	52	0	5	1	0	0	50	1066
18:00	1	380	274	3	43	0	0	6	0	0	0	0	0	5	712
19:00	0	268	207	0	26	0	0	1	0	0	0	0	0	4	506
20:00	1	220	199	1	19	0	0	0	1	0	0	0	0	5	446
21:00	0	224	153	0	18	0	0	2	0	0	0	0	0	2	399
22:00	0	120	72	1	11	0	0	0	0	0	0	0	0	3	207
23:00	0	56	43	1	3	0	0	0	1	0	0	0	0	0	104
Total	19	6029	4516	69	886	10	2	191	19	6	4	0	0	130	11881
Percent	0.2%	50.7%	38.0%	0.6%	7.5%	0.1%	0.0%	1.6%	0.2%	0.1%	0.0%	0.0%	0.0%	1.1%	
AM Peak	06:00	07:00	08:00	10:00	08:00	08:00	07:00	08:00	01:00	07:00	07:00			08:00	
Vol.	2	452	324	9	64	2	1	21	3	1	1			7	
PM Peak	13:00	17:00	16:00	15:00	17:00	13:00		17:00	13:00	17:00	17:00			17:00	
Vol.	2	569	352	6	70	2		52	2	5	1			50	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0211 class  
Count 2  
Route 322 and Crooked Hill

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	36	20	0	5	0	0	0	2	0	0	0	0	1	64
01:00	0	26	9	1	3	0	0	0	1	0	0	0	0	0	40
02:00	0	11	5	1	1	0	0	0	1	0	0	0	0	0	19
03:00	0	16	9	0	2	1	0	0	1	0	0	0	0	0	29
04:00	0	25	11	1	5	0	0	0	1	0	0	0	0	0	43
05:00	0	81	43	1	6	0	1	3	0	0	0	0	0	0	135
06:00	0	176	121	8	38	0	0	2	1	0	0	0	0	0	346
07:00	0	395	246	10	56	1	0	10	1	0	0	0	0	6	725
08:00	1	431	260	6	54	0	0	8	2	0	0	0	0	4	766
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	1	1197	724	28	170	2	1	23	10	0	0	0	0	11	2167
Percent	0.0%	55.2%	33.4%	1.3%	7.8%	0.1%	0.0%	1.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.5%	
AM Peak	08:00	08:00	08:00	07:00	07:00	03:00	05:00	07:00	00:00					07:00	
Vol.	1	431	260	10	56	1	1	10	2					6	
PM Peak															
Vol.															
Grand Total	24	10060	7546	113	1371	15	4	279	34	8	4	0	0	244	19702
Percent	0.1%	51.1%	38.3%	0.6%	7.0%	0.1%	0.0%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	1.2%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0210 speed  
Count 2  
Route 322 and Crooked Hill

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	41	41	113	142	56	20	1	0	0	0	0	0	0	0	414	42-51	166
15:00	<b>85</b>	118	316	354	103	19	4	0	0	0	0	0	0	0	999	41-50	435
16:00	21	119	363	<b>455</b>	<b>154</b>	14	2	0	0	0	0	0	0	0	<b>1128</b>	42-51	623
17:00	56	<b>122</b>	<b>402</b>	344	132	26	<b>8</b>	0	0	0	0	0	0	0	1090	41-50	524
18:00	21	60	223	314	138	<b>41</b>	6	<b>1</b>	0	0	0	0	0	0	804	42-51	427
19:00	26	37	152	176	130	36	5	0	0	0	0	0	0	0	562	43-52	260
20:00	7	21	110	205	117	24	2	1	0	0	0	0	0	0	487	44-53	289
21:00	5	8	45	113	83	29	7	1	0	0	0	0	0	0	291	45-54	168
22:00	1	7	53	83	53	16	1	1	0	0	0	0	0	0	215	44-53	128
23:00	1	7	14	37	29	15	1	1	0	0	0	0	0	0	105	45-54	55
Total	264	540	1791	2223	995	240	37	5	0	0	0	0	0	0	6095		
Percent	4.3%	8.9%	29.4%	36.5%	16.3%	3.9%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	15:00	17:00	17:00	16:00	16:00	18:00	17:00	18:00							16:00		
	85	122	402	455	154	41	8	1							1128		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0210 speed  
Count 2  
Route 322 and Crooked Hill

Eastbound	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
Start Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
05/26/16	0	1	3	12	12	8	2	1	<b>2</b>	0	<b>1</b>	0	0	0	42	46-55	22
01:00	0	2	1	5	5	6	2	2	0	0	0	0	0	0	23	52-61	9
02:00	0	0	0	6	4	4	1	0	0	0	0	<b>1</b>	0	0	16	48-57	9
03:00	1	0	1	1	6	3	1	1	0	0	0	0	0	0	14	48-57	7
04:00	4	0	5	11	12	9	3	0	1	0	0	0	0	0	45	46-55	18
05:00	1	3	18	40	40	18	2	2	0	<b>1</b>	0	0	0	0	125	46-55	71
06:00	9	11	49	144	128	54	<b>14</b>	<b>3</b>	1	0	0	0	0	0	413	46-55	229
07:00	23	68	<b>240</b>	<b>348</b>	<b>208</b>	<b>59</b>	8	1	0	0	0	0	0	0	<b>955</b>	43-52	490
08:00	24	64	218	336	192	54	6	0	0	0	0	0	0	0	894	43-52	460
09:00	19	40	170	247	131	45	5	0	0	0	0	0	0	0	657	43-52	342
10:00	22	56	168	224	109	27	4	0	0	0	0	0	0	0	610	42-51	300
11:00	<b>29</b>	<b>105</b>	202	236	121	34	3	0	0	0	0	0	0	0	730	42-51	311
12 PM	49	107	279	280	131	19	2	0	0	0	0	0	0	0	867	41-50	387
13:00	33	81	222	271	<b>164</b>	<b>37</b>	3	0	0	0	0	0	0	0	811	42-51	373
14:00	39	66	262	330	147	27	4	0	0	0	0	0	0	0	875	42-51	447
15:00	55	132	353	305	102	21	2	0	0	0	0	0	0	0	970	41-50	445
16:00	43	161	<b>484</b>	<b>379</b>	83	10	0	1	0	0	0	0	0	0	<b>1161</b>	40-49	606
17:00	<b>125</b>	<b>194</b>	352	324	111	15	2	2	<b>1</b>	0	0	0	0	0	1126	40-49	405
18:00	25	74	209	286	134	23	2	0	0	0	0	0	0	0	753	42-51	378
19:00	9	18	120	223	164	37	<b>6</b>	0	0	0	0	0	0	0	577	44-53	339
20:00	20	64	118	169	82	23	6	<b>3</b>	0	0	0	0	0	0	485	42-51	209
21:00	9	13	61	130	89	30	4	1	1	0	0	0	0	0	338	44-53	184
22:00	2	11	30	43	60	17	5	1	0	0	0	0	0	0	169	46-55	85
23:00	4	3	7	32	31	16	6	1	0	0	0	0	0	0	100	47-56	50
<b>Total</b>	<b>545</b>	<b>1274</b>	<b>3572</b>	<b>4382</b>	<b>2266</b>	<b>596</b>	<b>93</b>	<b>19</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12756</b>		
Percent	4.3%	10.0%	28.0%	34.4%	17.8%	4.7%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	07:00	07:00	07:00	07:00	06:00	06:00	00:00	05:00	00:00	02:00					07:00
Vol.	29	105	240	348	208	59	14	3	2	1	1	1			955		
PM Peak	17:00	17:00	16:00	16:00	13:00	13:00	19:00	20:00	17:00								16:00
Vol.	125	194	484	379	164	37	6	3	1						1161		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0210 speed  
Count 2  
Route 322 and Crooked Hill

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/27/16	1	5	7	15	14	8	3	1	0	0	0	0	0	0	54	45-54	23
01:00	2	1	3	12	7	3	1	0	0	0	0	0	0	0	29	46-55	14
02:00	2	0	0	5	5	3	3	0	0	0	0	0	0	0	18	48-57	7
03:00	1	0	5	6	6	4	0	2	0	0	0	0	0	0	24	48-57	10
04:00	3	2	3	10	10	8	2	0	0	0	0	0	0	0	38	46-55	15
05:00	7	2	14	34	35	19	2	4	1	0	0	0	0	0	118	47-56	54
06:00	9	6	49	149	100	27	10	2	0	0	0	0	0	0	352	45-54	211
07:00	24	36	181	297	221	65	9	1	0	0	0	0	0	0	834	44-53	438
08:00	39	62	221	283	169	36	7	1	0	0	0	0	0	0	818	43-52	387
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>88</b>	<b>114</b>	<b>483</b>	<b>811</b>	<b>567</b>	<b>173</b>	<b>37</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2285</b>		
<b>Percent</b>	<b>3.9%</b>	<b>5.0%</b>	<b>21.1%</b>	<b>35.5%</b>	<b>24.8%</b>	<b>7.6%</b>	<b>1.6%</b>	<b>0.5%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>06:00</b>	<b>05:00</b>	<b>05:00</b>								<b>07:00</b>
<b>Vol.</b>	<b>39</b>	<b>62</b>	<b>221</b>	<b>297</b>	<b>221</b>	<b>65</b>	<b>10</b>	<b>4</b>	<b>1</b>								<b>834</b>
<b>PM Peak</b>																	
<b>Vol.</b>	<b>897</b>	<b>1928</b>	<b>5846</b>	<b>7416</b>	<b>3828</b>	<b>1009</b>	<b>167</b>	<b>35</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>21136</b>		
<b>Percent</b>	<b>4.2%</b>	<b>9.1%</b>	<b>27.7%</b>	<b>35.1%</b>	<b>18.1%</b>	<b>4.8%</b>	<b>0.8%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 27 MPH  
 50th Percentile : 44 MPH  
 85th Percentile : 51 MPH  
 95th Percentile : 55 MPH

Stats  
 10 MPH Pace Speed : 42-51 MPH  
 Number in Pace : 10001  
 Percent in Pace : 47.3%  
 Number of Vehicles > 55 MPH : 1221  
 Percent of Vehicles > 55 MPH : 5.8%  
 Mean Speed(Average) : 42 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0211 speed  
Count 2  
Route 322 and Crooked Hill

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	46	25	79	102	57	15	2	1	0	0	0	0	0	0	327	43-52	114
15:00	67	116	229	224	<b>126</b>	27	<b>9</b>	0	0	0	0	0	0	0	798	41-50	294
16:00	246	153	230	225	102	22	3	0	0	0	0	0	0	0	981	16-25	236
17:00	<b>408</b>	<b>222</b>	<b>270</b>	167	62	7	3	0	0	0	0	0	0	0	<b>1139</b>	15-24	327
18:00	23	49	187	<b>243</b>	122	39	7	1	0	0	0	0	0	0	671	42-51	337
19:00	24	23	113	195	111	<b>40</b>	6	1	0	0	0	0	0	0	513	44-53	256
20:00	15	44	136	180	100	24	1	0	0	0	0	0	0	0	500	43-52	248
21:00	14	46	144	118	62	11	4	1	0	0	0	0	0	0	400	41-50	192
22:00	7	19	55	74	46	11	0	0	0	0	0	0	0	0	212	43-52	102
23:00	3	10	24	42	30	3	1	0	0	0	0	0	0	0	113	44-53	58
Total	853	707	1467	1570	818	199	36	4	0	0	0	0	0	0	5654		
Percent	15.1%	12.5%	25.9%	27.8%	14.5%	3.5%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	17:00	17:00	17:00	18:00	15:00	19:00	15:00	14:00							17:00		
	408	222	270	243	126	40	9	1							1139		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0211 speed  
Count 2  
Route 322 and Crooked Hill

Westbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/26/16	1	6	13	27	12	4	1	3	0	0	0	0	0	0	67	43-52	34
01:00	0	3	11	17	10	10	2	0	0	0	0	0	0	0	53	44-53	25
02:00	0	3	7	4	4	3	0	1	0	1	0	0	0	0	23	38-47	9
03:00	1	1	4	11	7	3	4	0	0	0	0	0	0	0	31	44-53	15
04:00	2	1	9	17	11	6	4	0	0	0	0	0	0	0	50	44-53	24
05:00	2	0	23	67	48	13	4	0	0	0	0	0	0	0	157	45-54	103
06:00	14	14	40	140	119	<b>58</b>	<b>9</b>	<b>4</b>	<b>1</b>	0	0	0	0	0	399	46-55	208
07:00	<b>219</b>	<b>101</b>	<b>163</b>	<b>207</b>	<b>111</b>	<b>34</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>841</b>	<b>15-24</b>	<b>209</b>
08:00	167	<b>140</b>	<b>232</b>	<b>243</b>	75	16	3	0	0	0	0	0	0	0	<b>876</b>	41-50	250
09:00	32	84	182	206	<b>120</b>	28	4	1	0	0	0	0	0	0	657	42-51	277
10:00	26	89	174	208	82	28	6	0	1	0	0	0	0	0	614	41-50	267
11:00	54	68	200	229	105	20	0	3	0	0	0	0	0	0	679	42-51	291
12 PM	95	<b>160</b>	206	201	107	27	3	1	0	0	0	0	0	0	800	40-49	241
13:00	117	100	160	<b>236</b>	109	<b>31</b>	<b>4</b>	1	0	0	0	0	0	0	758	42-51	232
14:00	41	75	183	216	<b>160</b>	20	2	0	0	0	0	0	0	0	697	43-52	294
15:00	121	81	150	214	135	30	3	1	0	0	0	0	0	0	735	43-52	220
16:00	362	140	<b>261</b>	153	74	14	0	0	0	0	0	0	0	0	1004	15-24	294
17:00	<b>825</b>	91	86	47	15	2	0	0	0	0	0	0	0	0	<b>1066</b>	14-23	440
18:00	69	99	212	199	109	22	2	0	0	0	0	0	0	0	712	41-50	261
19:00	13	35	133	199	93	29	4	0	0	0	0	0	0	0	506	42-51	269
20:00	6	21	116	184	92	23	4	0	0	0	0	0	0	0	446	43-52	262
21:00	32	56	130	122	46	11	2	0	0	0	0	0	0	0	399	41-50	163
22:00	6	11	54	84	41	8	3	0	0	0	0	0	0	0	207	43-52	114
23:00	1	6	21	40	31	5	0	0	0	0	0	0	0	0	104	45-54	60
Total	2206	1385	2770	3271	1716	445	69	16	2	1	0	0	0	0	11881		
Percent	18.6%	11.7%	23.3%	27.5%	14.4%	3.7%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	08:00	08:00	08:00	09:00	06:00	06:00	06:00	06:00	02:00					08:00		
Vol.	219	140	232	243	120	58	9	4	1	1					876		
PM Peak	17:00	12:00	16:00	13:00	14:00	13:00	13:00	12:00							17:00		
Vol.	825	160	261	236	160	31	4	1							1066		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

0211 speed  
Count 2  
Route 322 and Crooked Hill

Westbound	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
Start Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
05/27/16	3	5	15	22	14	3	1	0	1	0	0	0	0	0	64	44-53	29
01:00	2	2	14	10	7	4	0	1	0	0	0	0	0	0	40	42-51	18
02:00	3	2	5	4	4	0	1	0	0	0	0	0	0	0	19	45-54	5
03:00	1	2	8	9	5	3	1	0	0	0	0	0	0	0	29	43-52	13
04:00	1	3	8	11	13	2	5	0	0	0	0	0	0	0	43	46-55	19
05:00	5	7	18	57	34	12	2	0	0	0	0	0	0	0	135	45-54	72
06:00	9	17	64	109	104	38	3	1	1	0	0	0	0	0	346	45-54	175
07:00	88	87	155	238	124	27	4	2	0	0	0	0	0	0	725	43-52	250
08:00	95	125	178	238	111	15	4	0	0	0	0	0	0	0	766	42-51	248
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	207	250	465	698	416	104	21	4	2	0	0	0	0	0	2167		
Percent	9.6%	11.5%	21.5%	32.2%	19.2%	4.8%	1.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	07:00	07:00	06:00	04:00	07:00	00:00						08:00		
Vol.	95	125	178	238	124	38	5	2	1						766		
PM Peak																	
Vol.	3266	2342	4702	5539	2950	748	126	24	4	1	0	0	0	0	19702		
Percent	16.6%	11.9%	23.9%	28.1%	15.0%	3.8%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 15 MPH  
50th Percentile : 35 MPH  
85th Percentile : 49 MPH  
95th Percentile : 53 MPH

Stats

- 10 MPH Pace Speed : 42-51 MPH
- Number in Pace : 5901
- Percent in Pace : 30.0%
- Number of Vehicles > 55 MPH : 903
- Percent of Vehicles > 55 MPH : 4.6%
- Mean Speed(Average) : 34 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
06/02/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	4	619	111	5	22	2	3	20	1	2	3	0	1	38	831	
13:00	2	677	104	1	12	1	1	18	1	3	0	0	2	22	844	
14:00	4	611	93	5	16	1	1	7	3	1	3	0	0	9	754	
15:00	3	675	84	11	20	2	0	19	1	2	0	0	0	16	833	
16:00	5	937	95	6	18	2	0	10	2	3	1	0	0	40	1119	
17:00	1	955	99	0	12	1	0	15	0	2	3	0	0	43	1131	
18:00	2	639	67	3	13	0	1	9	0	0	0	0	0	18	752	
19:00	0	488	65	0	10	0	1	3	0	2	0	0	0	14	583	
20:00	0	456	65	0	5	0	0	2	1	0	0	0	1	11	541	
21:00	0	304	27	0	3	0	0	0	0	0	1	0	0	5	340	
22:00	1	129	15	0	4	0	0	1	0	0	0	0	0	0	150	
23:00	0	87	11	1	1	0	0	0	1	0	0	0	0	0	101	
Total	22	6577	836	32	136	9	7	104	10	15	11	0	4	216	7979	
Percent	0.3%	82.4%	10.5%	0.4%	1.7%	0.1%	0.1%	1.3%	0.1%	0.2%	0.1%	0.0%	0.1%	2.7%		
AM Peak Vol.																
PM Peak Vol.	16:00	17:00	12:00	15:00	12:00	12:00	12:00	12:00	14:00	13:00	12:00		13:00	17:00		
	5	955	111	11	22	2	3	20	3	3	3		2	43		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/03/16	0	41	4	0	1	0	0	0	2	0	0	0	0	0	48
01:00	0	22	5	0	1	0	0	0	0	0	0	0	0	0	28
02:00	0	13	2	1	0	0	0	0	0	0	0	0	0	0	16
03:00	0	13	1	1	0	1	0	0	1	0	0	0	0	0	17
04:00	0	24	9	0	1	0	0	0	0	0	0	0	0	0	34
05:00	1	124	21	0	3	2	1	1	0	0	0	0	0	1	154
06:00	1	250	44	6	17	1	0	3	1	0	0	0	0	5	328
07:00	1	533	85	6	15	0	0	7	2	1	0	0	1	11	662
08:00	0	572	108	10	22	6	0	16	1	0	2	0	0	15	752
09:00	0	543	106	6	18	3	0	8	2	1	0	0	0	11	698
10:00	0	570	89	3	17	2	1	6	0	1	1	0	0	14	704
11:00	1	608	102	2	17	7	2	10	1	0	2	0	0	21	773
12 PM	1	748	96	3	14	2	0	11	2	1	0	0	0	25	903
13:00	0	666	88	0	23	2	0	5	0	0	0	0	0	16	800
14:00	0	626	89	3	18	3	1	9	0	0	1	0	0	12	762
15:00	1	697	94	11	15	2	0	15	0	2	2	0	0	27	866
16:00	1	915	98	5	13	3	0	19	2	1	1	0	1	38	1097
17:00	9	968	75	0	10	5	0	13	0	4	3	0	0	52	1139
18:00	1	614	66	1	14	1	0	4	1	0	0	0	0	24	726
19:00	1	479	73	0	5	0	0	3	0	0	0	0	1	13	575
20:00	1	398	44	0	8	0	0	2	1	1	0	0	0	5	460
21:00	2	311	35	0	3	1	0	0	0	0	0	0	0	6	358
22:00	0	206	25	0	3	0	0	2	0	1	0	0	0	1	238
23:00	0	117	11	0	2	0	0	0	1	0	0	0	0	2	133
Total	21	10058	1370	58	240	41	5	134	17	13	12	0	3	299	12271
Percent	0.2%	82.0%	11.2%	0.5%	2.0%	0.3%	0.0%	1.1%	0.1%	0.1%	0.1%	0.0%	0.0%	2.4%	
AM Peak	05:00	11:00	08:00	08:00	08:00	11:00	11:00	08:00	00:00	07:00	08:00		07:00	11:00	
Vol.	1	608	108	10	22	7	2	16	2	1	2		1	21	
PM Peak	17:00	17:00	16:00	15:00	13:00	17:00	14:00	16:00	12:00	17:00	17:00		16:00	17:00	
Vol.	9	968	98	11	23	5	1	19	2	4	3		1	52	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/04/16	0	53	3	0	1	0	0	0	0	0	0	0	0	0	57
01:00	0	38	2	0	0	0	0	0	0	0	0	0	0	0	40
02:00	0	27	4	0	0	0	0	0	0	0	0	0	0	0	31
03:00	0	23	3	0	0	0	0	0	0	0	0	0	0	0	26
04:00	0	17	5	0	0	1	0	0	0	0	0	0	0	0	23
05:00	0	65	9	1	1	1	0	0	0	0	0	0	0	0	77
06:00	0	144	34	1	8	2	0	0	2	0	0	0	0	0	191
07:00	0	273	46	0	10	2	0	1	1	0	0	0	0	4	337
08:00	2	384	76	1	17	1	0	2	0	0	1	0	0	8	492
09:00	2	537	79	0	13	1	0	1	2	0	1	0	0	14	650
10:00	5	562	72	0	8	2	0	10	1	2	1	0	0	13	676
11:00	4	650	92	2	19	0	0	10	2	0	0	0	0	16	795
12 PM	1	598	89	0	14	2	0	6	1	0	1	0	0	22	734
13:00	6	595	86	1	8	0	0	9	1	0	1	0	0	13	720
14:00	1	609	85	1	13	0	0	9	0	0	2	0	0	14	734
15:00	2	580	81	1	10	1	0	7	0	2	0	0	0	19	703
16:00	2	548	81	0	10	0	0	9	1	0	2	0	0	7	660
17:00	3	515	63	0	9	0	0	3	0	0	0	0	0	14	607
18:00	2	462	44	0	4	1	0	7	0	0	0	0	0	14	534
19:00	0	412	51	0	3	0	0	2	0	0	0	0	0	7	475
20:00	0	338	33	1	4	0	0	2	0	0	0	0	0	6	384
21:00	0	272	34	1	2	0	0	2	1	0	0	0	0	1	313
22:00	0	155	16	0	1	1	0	0	0	0	0	0	0	0	173
23:00	0	116	16	0	1	0	0	0	0	0	0	0	0	3	136
Total	30	7973	1104	10	156	15	0	80	12	4	9	0	0	175	9568
Percent	0.3%	83.3%	11.5%	0.1%	1.6%	0.2%	0.0%	0.8%	0.1%	0.0%	0.1%	0.0%	0.0%	1.8%	
AM Peak	10:00	11:00	11:00	11:00	11:00	06:00		10:00	06:00	10:00	08:00			11:00	
Vol.	5	650	92	2	19	2		10	2	2	1			16	
PM Peak	13:00	14:00	12:00	13:00	12:00	12:00		13:00	12:00	15:00	14:00			12:00	
Vol.	6	609	89	1	14	2		9	1	2	2			22	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/05/16	0	63	7	0	1	0	0	0	0	0	0	0	0	1	72
01:00	0	33	3	0	1	0	0	0	0	0	0	0	0	0	37
02:00	0	29	2	0	0	0	0	0	0	0	0	0	0	0	31
03:00	1	20	5	0	0	0	0	0	0	0	0	0	0	0	26
04:00	1	19	1	0	0	1	0	0	1	0	0	0	0	0	23
05:00	0	33	1	0	1	0	0	0	0	0	0	0	0	0	35
06:00	0	67	9	0	0	0	0	0	0	0	0	0	0	0	76
07:00	0	138	19	0	3	0	0	0	0	0	0	0	0	0	160
08:00	0	233	37	0	5	0	0	1	0	0	0	0	0	0	276
09:00	1	382	54	0	8	0	0	1	0	0	0	0	0	7	453
10:00	1	430	44	1	9	0	0	0	0	2	0	0	0	11	498
11:00	1	520	69	0	7	1	0	1	0	0	0	0	1	12	612
12 PM	1	567	62	0	10	0	0	5	0	1	0	0	2	14	662
13:00	0	600	69	1	8	5	0	5	0	1	1	0	0	5	695
14:00	1	605	65	0	8	0	1	7	0	0	1	0	0	14	702
15:00	1	448	52	0	10	0	0	3	1	0	0	0	0	9	524
16:00	2	437	65	0	6	0	0	3	0	1	0	0	0	6	520
17:00	1	400	56	0	7	0	0	6	0	0	0	0	0	5	475
18:00	2	355	34	0	3	1	0	2	0	1	0	0	0	6	404
19:00	0	396	42	0	3	1	0	4	0	0	0	0	0	5	451
20:00	0	286	40	0	4	0	0	1	2	0	0	0	0	0	333
21:00	1	207	25	1	2	0	0	1	2	0	0	0	0	1	240
22:00	0	119	11	0	0	0	0	0	0	0	0	0	0	0	130
23:00	0	59	7	0	1	0	0	0	0	0	0	0	0	0	67
Total	14	6446	779	3	97	9	1	40	6	6	2	0	3	96	7502
Percent	0.2%	85.9%	10.4%	0.0%	1.3%	0.1%	0.0%	0.5%	0.1%	0.1%	0.0%	0.0%	0.0%	1.3%	
AM Peak	03:00	11:00	11:00	10:00	10:00	04:00		08:00	04:00	10:00			11:00	11:00	
Vol.	1	520	69	1	9	1		1	1	2			1	12	
PM Peak	16:00	14:00	13:00	13:00	12:00	13:00	14:00	14:00	20:00	12:00	13:00		12:00	12:00	
Vol.	2	605	69	1	10	5	1	7	2	1	1		2	14	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/06/16	0	30	11	0	0	0	0	0	2	0	0	0	0	0	43
01:00	0	16	2	0	0	0	0	0	0	0	0	0	0	0	18
02:00	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
03:00	0	14	2	0	0	0	0	0	0	0	0	0	0	0	16
04:00	0	25	6	0	3	0	0	1	0	0	0	0	0	0	35
05:00	0	120	31	0	4	0	0	1	0	0	0	1	0	0	157
06:00	3	279	53	5	14	1	0	2	0	0	0	1	0	3	361
07:00	4	577	91	6	13	2	1	8	0	0	0	0	2	22	726
08:00	1	609	106	9	19	2	6	10	1	1	1	0	0	12	777
09:00	3	459	85	0	23	1	2	13	2	0	3	0	0	15	606
10:00	1	559	96	2	22	3	1	16	0	0	2	0	0	11	713
11:00	2	616	82	2	22	3	2	7	3	0	1	1	0	16	757
12 PM	3	720	96	2	23	3	1	19	1	1	0	0	1	27	897
13:00	2	679	94	3	14	1	1	8	0	0	1	0	0	16	819
14:00	3	658	86	2	17	3	2	7	1	3	0	0	0	29	811
15:00	3	698	112	8	19	3	1	12	1	1	0	0	0	26	884
16:00	5	941	103	1	17	3	0	16	2	0	2	0	1	45	1136
17:00	6	939	79	1	21	3	0	12	1	2	0	1	0	47	1112
18:00	5	614	72	1	16	1	1	6	0	1	0	0	0	15	732
19:00	3	523	38	1	4	1	0	7	0	1	2	0	0	16	596
20:00	3	403	47	0	2	0	0	2	0	0	0	0	0	7	464
21:00	0	249	25	0	2	0	0	2	2	0	0	1	0	4	285
22:00	0	146	12	0	1	0	0	0	1	0	0	0	0	0	160
23:00	0	88	8	0	1	0	0	0	0	0	0	0	0	1	98
Total	47	9971	1339	43	257	30	18	149	17	10	12	5	4	312	12214
Percent	0.4%	81.6%	11.0%	0.4%	2.1%	0.2%	0.1%	1.2%	0.1%	0.1%	0.1%	0.0%	0.0%	2.6%	
AM Peak	07:00	11:00	08:00	08:00	09:00	10:00	08:00	10:00	11:00	08:00	09:00	05:00	07:00	07:00	
Vol.	4	616	106	9	23	3	6	16	3	1	3	1	2	22	
PM Peak	17:00	16:00	15:00	15:00	12:00	12:00	14:00	12:00	16:00	14:00	16:00	17:00	12:00	17:00	
Vol.	6	941	112	8	23	3	2	19	2	3	2	1	1	47	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
06/07/16	0	28	2	0	0	0	0	0	0	0	0	0	0	0	30	
01:00	0	21	2	0	0	0	0	0	0	0	0	0	0	0	23	
02:00	0	12	4	0	0	0	0	0	0	0	0	0	0	0	16	
03:00	0	13	0	0	0	0	0	0	0	0	0	0	0	0	13	
04:00	0	27	1	0	2	0	0	0	0	0	0	0	0	0	30	
05:00	0	117	21	1	6	0	0	1	0	0	0	0	0	0	146	
06:00	2	255	52	4	20	1	1	5	0	0	0	0	0	5	345	
07:00	2	562	99	7	12	2	3	14	1	0	0	1	0	15	718	
08:00	3	560	99	6	19	3	1	10	1	2	0	0	0	22	726	
09:00	1	539	95	7	15	3	3	5	1	0	1	0	0	21	691	
10:00	4	513	81	5	16	2	2	8	0	0	2	0	0	11	644	
11:00	1	593	97	3	24	2	2	6	2	0	2	0	0	25	757	
12 PM	7	726	115	2	25	5	1	12	1	0	2	1	0	24	921	
13:00	2	658	86	1	26	2	0	10	0	0	1	1	0	18	805	
14:00	1	539	90	1	13	1	0	12	0	0	1	0	1	16	675	
15:00	3	707	118	10	29	4	0	17	0	1	0	0	0	30	919	
16:00	2	913	95	5	11	6	0	14	0	2	0	1	0	38	1087	
17:00	6	972	79	2	13	1	0	14	0	5	0	0	1	51	1144	
18:00	1	658	45	2	12	2	0	11	1	1	1	0	0	18	752	
19:00	1	481	53	1	9	1	0	6	0	0	0	0	0	10	562	
20:00	2	386	54	0	6	0	0	5	0	0	0	0	0	8	461	
21:00	4	285	25	0	3	0	0	3	0	0	2	0	0	5	327	
22:00	0	161	16	0	2	0	0	0	0	0	0	0	0	1	180	
23:00	0	66	12	0	1	0	0	1	1	0	0	0	0	0	81	
Total	42	9792	1341	57	264	35	13	154	8	11	12	4	2	318	12053	
Percent	0.3%	81.2%	11.1%	0.5%	2.2%	0.3%	0.1%	1.3%	0.1%	0.1%	0.1%	0.0%	0.0%	2.6%		
AM Peak	10:00	11:00	07:00	07:00	11:00	08:00	07:00	07:00	11:00	08:00	10:00	07:00		11:00		
Vol.	4	593	99	7	24	3	3	14	2	2	2	1		25		
PM Peak	12:00	17:00	15:00	15:00	15:00	16:00	12:00	15:00	12:00	17:00	12:00	12:00	14:00	17:00		
Vol.	7	972	118	10	29	6	1	17	1	5	2	1	1	51		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/08/16	0	40	6	1	0	0	0	0	0	0	0	0	0	0	47
01:00	1	21	2	0	1	0	0	0	0	0	0	0	0	0	25
02:00	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
03:00	1	17	1	0	0	1	0	0	0	0	0	0	0	0	20
04:00	0	23	6	0	1	0	0	0	0	0	0	0	0	0	30
05:00	0	117	17	1	7	0	0	4	0	0	0	0	0	3	149
06:00	0	264	52	6	15	2	0	3	0	0	0	0	0	4	346
07:00	0	585	75	5	11	1	1	11	1	1	2	0	0	16	709
08:00	4	572	87	11	22	1	3	12	1	1	0	0	0	18	732
09:00	2	520	93	7	14	2	1	8	2	1	0	0	0	18	668
10:00	3	566	74	2	12	2	2	5	1	0	0	0	0	12	679
11:00	2	606	105	5	12	2	3	13	2	0	0	0	0	9	759
12 PM	3	746	101	9	18	1	2	12	2	0	1	0	0	17	912
13:00	1	655	77	3	10	2	2	9	1	1	1	0	0	23	785
14:00	0	596	81	1	16	3	2	11	0	0	0	0	0	12	722
15:00	1	708	104	2	15	1	3	8	1	0	0	1	0	21	865
16:00	3	932	76	2	9	2	0	15	3	2	1	0	1	39	1085
17:00	3	915	82	4	12	2	0	6	0	5	5	0	1	33	1068
18:00	5	676	70	0	15	0	0	9	1	1	0	0	1	13	791
19:00	1	457	53	0	8	0	0	2	0	0	0	0	0	12	533
20:00	0	445	47	0	5	0	0	2	0	0	1	0	0	7	507
21:00	0	274	37	0	1	0	0	2	0	0	0	0	0	0	314
22:00	1	145	11	1	1	0	0	1	1	1	0	0	0	2	164
23:00	0	83	9	0	0	0	0	1	0	0	0	0	0	1	94
Total	31	9975	1268	60	205	22	19	134	16	13	11	1	3	260	12018
Percent	0.3%	83.0%	10.6%	0.5%	1.7%	0.2%	0.2%	1.1%	0.1%	0.1%	0.1%	0.0%	0.0%	2.2%	
AM Peak	08:00	11:00	11:00	08:00	08:00	06:00	08:00	11:00	09:00	07:00	07:00			08:00	
Vol.	4	606	105	11	22	2	3	13	2	1	2			18	
PM Peak	18:00	16:00	15:00	12:00	12:00	14:00	15:00	16:00	16:00	17:00	17:00	15:00	16:00	16:00	
Vol.	5	932	104	9	18	3	3	15	3	5	5	1	1	39	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/09/16	0	37	5	0	1	0	0	0	0	0	0	0	0	0	43
01:00	0	24	3	0	0	0	0	0	0	0	0	0	0	0	27
02:00	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
03:00	0	13	1	0	0	0	0	0	0	0	0	0	0	0	14
04:00	0	16	5	0	0	0	0	1	1	0	0	0	0	0	23
05:00	0	119	19	0	8	0	0	0	1	0	0	0	0	2	149
06:00	0	261	54	6	9	2	0	1	0	0	0	0	0	6	339
07:00	4	579	74	6	12	0	0	13	2	2	0	0	0	18	710
08:00	1	680	91	9	25	2	3	11	2	0	1	0	0	18	843
09:00	0	482	99	1	11	1	1	6	0	0	0	0	0	6	607
10:00	1	529	94	0	17	3	0	8	3	1	0	0	0	13	669
11:00	0	620	100	2	19	4	1	9	2	0	1	0	0	23	781
12 PM	1	766	85	8	20	5	1	14	0	1	3	0	0	29	933
13:00	1	670	99	2	12	5	0	7	1	0	0	0	0	19	816
14:00	4	657	107	4	19	5	1	15	0	0	0	0	0	18	830
15:00	4	664	103	1	10	2	2	15	3	1	0	0	1	24	830
16:00	8	956	88	2	12	3	1	15	2	0	3	0	2	41	1133
17:00	10	985	91	3	14	2	1	11	0	1	2	0	2	30	1152
18:00	2	599	70	1	9	1	0	7	0	0	1	0	0	12	702
19:00	4	477	58	0	5	0	0	4	0	0	0	0	0	13	561
20:00	2	457	51	0	7	0	0	5	0	0	0	0	0	8	530
21:00	2	353	36	0	2	1	0	3	0	0	0	0	0	7	404
22:00	3	207	22	0	3	0	0	2	0	0	0	0	0	1	238
23:00	0	111	5	0	1	0	0	0	1	0	0	0	0	0	118
Total	47	10275	1363	45	216	36	11	147	18	6	11	0	5	288	12468
Percent	0.4%	82.4%	10.9%	0.4%	1.7%	0.3%	0.1%	1.2%	0.1%	0.0%	0.1%	0.0%	0.0%	2.3%	
AM Peak	07:00	08:00	11:00	08:00	08:00	11:00	08:00	07:00	10:00	07:00	08:00			11:00	
Vol.	4	680	100	9	25	4	3	13	3	2	1			23	
PM Peak	17:00	17:00	14:00	12:00	12:00	12:00	15:00	14:00	15:00	12:00	12:00		16:00	16:00	
Vol.	10	985	107	8	20	5	2	15	3	1	3		2	41	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
06/10/16	0	35	7	0	1	0	0	0	2	0	0	0	0	0	45	
01:00	0	24	2	0	0	1	0	0	0	0	0	0	0	0	27	
02:00	0	16	1	1	0	0	0	0	0	0	0	0	0	0	18	
03:00	0	17	1	0	0	0	0	0	0	0	0	0	0	0	18	
04:00	0	30	12	0	4	1	0	0	1	0	0	0	0	0	48	
05:00	0	114	11	0	6	2	0	2	1	0	0	0	0	0	136	
06:00	1	269	56	2	12	0	1	6	1	0	0	0	0	3	351	
07:00	0	527	62	1	14	3	0	8	0	1	1	0	0	10	627	
08:00	3	547	69	2	24	2	0	14	1	0	0	1	0	26	689	
09:00	6	535	97	7	20	2	0	12	2	1	1	0	0	16	699	
10:00	3	561	82	5	31	1	0	10	0	0	2	0	0	15	710	
11:00	2	710	110	0	21	1	0	15	1	1	0	0	2	19	882	
12 PM	3	827	110	2	18	0	0	11	3	0	1	0	0	25	1000	
13:00	4	718	94	0	14	1	0	12	1	2	1	1	0	21	869	
14:00	6	664	104	0	20	1	1	8	0	0	2	0	1	26	833	
15:00	0	734	89	1	17	0	1	8	1	0	0	0	0	16	867	
16:00	5	881	99	1	11	2	1	19	1	0	2	0	1	29	1052	
17:00	4	886	71	1	16	2	1	6	1	1	1	0	0	33	1023	
18:00	3	619	76	1	10	2	1	4	0	0	0	0	0	17	733	
19:00	2	464	52	0	5	0	0	4	0	0	0	0	0	7	534	
20:00	1	468	39	0	6	0	0	2	0	0	0	0	0	11	527	
21:00	4	349	33	0	4	0	0	0	1	0	0	0	0	5	396	
22:00	1	217	40	0	3	0	0	1	0	0	0	0	0	4	266	
23:00	0	129	11	0	4	0	0	1	1	0	0	0	0	2	148	
Total	48	10341	1328	24	261	21	6	143	18	6	11	2	4	285	12498	
Percent	0.4%	82.7%	10.6%	0.2%	2.1%	0.2%	0.0%	1.1%	0.1%	0.0%	0.1%	0.0%	0.0%	2.3%		
AM Peak	09:00	11:00	11:00	09:00	10:00	07:00	06:00	11:00	00:00	07:00	10:00	08:00	11:00	08:00		
Vol.	6	710	110	7	31	3	1	15	2	1	2	1	2	26		
PM Peak	14:00	17:00	12:00	12:00	14:00	16:00	14:00	16:00	12:00	13:00	14:00	13:00	14:00	17:00		
Vol.	6	886	110	2	20	2	1	19	3	2	2	1	1	33		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/11/16	0	67	10	0	1	0	0	0	0	0	0	0	0	0	78
01:00	0	35	6	0	0	0	0	0	0	0	0	0	0	0	41
02:00	0	28	4	0	0	0	0	0	0	0	0	0	0	0	32
03:00	0	23	1	0	0	0	0	0	0	0	0	0	0	0	24
04:00	0	26	4	0	0	0	0	0	1	0	0	0	0	0	31
05:00	0	49	7	0	2	0	0	1	0	0	0	0	0	1	60
06:00	0	99	14	0	1	0	0	1	1	0	0	0	0	2	118
07:00	1	186	34	0	7	0	0	3	1	0	1	0	0	3	236
08:00	1	328	55	0	10	0	0	4	0	0	1	0	0	12	411
09:00	0	467	72	1	8	1	0	7	0	0	0	1	0	12	569
10:00	3	558	60	1	8	1	0	5	0	1	0	0	0	12	649
11:00	5	576	73	1	8	1	0	9	0	0	0	1	0	15	689
12 PM	2	616	79	0	8	1	0	5	1	0	0	0	0	12	724
13:00	6	596	74	1	11	1	0	7	1	2	0	0	0	16	715
14:00	5	546	62	0	7	1	0	7	1	1	0	0	0	13	643
15:00	2	549	66	2	4	0	0	7	1	1	0	0	0	16	648
16:00	2	545	67	2	6	0	0	7	1	1	1	0	1	13	646
17:00	5	440	58	0	6	0	0	3	0	1	0	0	1	9	523
18:00	1	505	46	0	1	1	0	3	0	0	0	0	0	8	565
19:00	2	419	50	1	6	0	0	2	0	0	1	0	0	6	487
20:00	0	361	35	0	7	0	0	3	0	0	0	0	0	4	410
21:00	0	372	43	0	2	1	0	1	0	0	0	0	0	3	422
22:00	0	192	26	1	3	0	0	2	0	0	0	0	0	0	224
23:00	0	104	21	0	1	0	0	0	0	0	0	0	0	0	126
Total	35	7687	967	10	107	8	0	77	8	7	4	2	2	157	9071
Percent	0.4%	84.7%	10.7%	0.1%	1.2%	0.1%	0.0%	0.8%	0.1%	0.1%	0.0%	0.0%	0.0%	1.7%	
AM Peak	11:00	11:00	11:00	09:00	08:00	09:00		11:00	04:00	10:00	07:00	09:00		11:00	
Vol.	5	576	73	1	10	1		9	1	1	1	1		15	
PM Peak	13:00	12:00	12:00	15:00	13:00	12:00		13:00	12:00	13:00	16:00		16:00	13:00	
Vol.	6	616	79	2	11	1		7	1	2	1		1	16	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/12/16	0	69	4	0	1	0	0	0	0	0	0	0	0	0	74
01:00	0	38	4	0	0	0	0	0	0	0	0	0	0	1	43
02:00	0	25	3	0	0	0	0	0	0	0	0	0	0	0	28
03:00	0	21	3	0	0	0	0	0	0	0	0	0	0	0	24
04:00	0	25	4	0	0	0	0	0	0	0	0	0	0	0	29
05:00	1	36	3	0	1	0	0	0	0	0	0	0	0	0	41
06:00	0	71	9	0	0	0	0	0	0	0	0	0	0	0	80
07:00	0	147	29	0	3	0	0	1	0	0	0	0	0	2	182
08:00	3	225	31	0	6	0	0	0	0	0	1	0	0	4	270
09:00	5	384	55	0	9	0	0	6	0	0	1	0	0	11	471
10:00	4	450	71	2	7	1	0	2	0	0	0	0	0	10	547
11:00	0	546	73	0	11	1	0	7	0	1	0	0	0	16	655
12 PM	5	579	71	2	20	1	0	5	0	0	0	0	1	20	704
13:00	3	548	77	1	6	1	1	4	0	1	1	0	0	14	657
14:00	4	510	70	1	13	0	0	5	0	1	1	0	0	19	624
15:00	7	584	69	2	7	0	0	2	0	4	1	0	0	24	700
16:00	4	533	68	1	8	0	0	5	0	1	0	0	0	22	642
17:00	3	501	65	0	9	2	0	5	0	1	0	0	0	12	598
18:00	1	470	49	0	1	0	0	3	1	0	0	0	0	8	533
19:00	5	382	43	1	4	1	0	4	0	0	0	0	0	6	446
20:00	0	367	57	0	9	0	0	2	1	0	0	0	0	9	445
21:00	1	254	45	0	5	0	0	2	1	0	0	0	0	1	309
22:00	0	111	22	0	2	0	0	0	0	0	0	0	0	1	136
23:00	1	78	7	0	4	0	0	0	0	0	0	0	0	0	90
Total	47	6954	932	10	126	7	1	53	3	9	5	0	1	180	8328
Percent	0.6%	83.5%	11.2%	0.1%	1.5%	0.1%	0.0%	0.6%	0.0%	0.1%	0.1%	0.0%	0.0%	2.2%	
AM Peak	09:00	11:00	11:00	10:00	11:00	10:00		11:00		11:00	08:00			11:00	
Vol.	5	546	73	2	11	1		7		1	1			16	
PM Peak	15:00	15:00	13:00	12:00	12:00	17:00	13:00	12:00	18:00	15:00	13:00		12:00	15:00	
Vol.	7	584	77	2	20	2	1	5	1	4	1		1	24	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
06/13/16	0	38	1	1	1	0	0	0	2	0	0	0	0	0	43	
01:00	0	24	6	0	0	1	0	0	1	0	0	0	0	0	32	
02:00	0	12	2	0	1	0	0	0	0	0	0	0	0	0	15	
03:00	0	11	2	0	1	0	0	0	0	0	0	0	0	0	14	
04:00	0	19	9	0	3	0	0	1	1	0	0	0	0	0	33	
05:00	0	94	24	0	7	0	0	1	1	0	0	0	0	2	129	
06:00	3	268	48	2	12	1	1	2	0	0	0	0	0	5	342	
07:00	2	518	75	1	11	0	1	14	1	0	0	1	0	13	637	
08:00	1	553	104	1	14	2	0	10	4	1	1	0	0	14	705	
09:00	0	506	102	2	21	2	2	7	1	1	0	0	0	5	649	
10:00	4	556	82	4	19	3	1	4	2	0	0	0	0	12	687	
11:00	1	580	81	2	14	0	2	12	1	1	0	0	0	13	707	
12 PM	3	755	99	3	19	3	0	17	0	1	1	0	1	24	926	
13:00	2	645	101	2	12	1	1	11	0	0	1	0	0	20	796	
14:00	5	617	83	2	15	0	3	10	0	1	0	0	0	16	752	
15:00	2	601	110	1	17	3	0	12	2	0	1	0	0	27	776	
16:00	4	910	96	1	18	1	0	14	0	1	1	1	2	37	1086	
17:00	6	879	105	3	11	3	0	13	1	1	1	0	0	47	1070	
18:00	6	641	65	2	14	2	0	8	1	0	1	0	0	16	756	
19:00	0	492	67	1	8	0	0	3	1	0	0	0	0	5	577	
20:00	1	354	52	0	2	0	0	2	2	0	0	0	0	9	422	
21:00	1	230	31	0	4	1	0	2	2	0	0	0	0	3	274	
22:00	1	131	18	0	2	0	0	0	0	0	0	0	0	0	152	
23:00	2	79	9	0	0	0	0	0	0	0	0	0	0	0	90	
Total	44	9513	1372	28	226	23	11	143	23	7	7	2	3	268	11670	
Percent	0.4%	81.5%	11.8%	0.2%	1.9%	0.2%	0.1%	1.2%	0.2%	0.1%	0.1%	0.0%	0.0%	2.3%		
AM Peak	10:00	11:00	08:00	10:00	09:00	10:00	09:00	07:00	08:00	08:00	08:00	07:00		08:00		
Vol.	4	580	104	4	21	3	2	14	4	1	1	1		14		
PM Peak	17:00	16:00	15:00	12:00	12:00	12:00	14:00	12:00	15:00	12:00	12:00	16:00	16:00	17:00		
Vol.	6	910	110	3	19	3	3	17	2	1	1	1	2	47		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/14/16	0	44	4	0	0	0	0	0	0	0	0	0	0	0	48
01:00	0	15	1	0	0	0	0	0	0	0	0	0	0	0	16
02:00	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
03:00	0	17	2	0	0	0	0	0	0	0	0	0	0	0	19
04:00	0	24	5	0	2	0	0	0	1	0	0	0	0	0	32
05:00	0	103	15	1	9	0	1	2	0	0	1	0	0	1	133
06:00	1	234	39	3	13	0	1	5	0	0	0	0	1	4	301
07:00	4	510	77	4	15	3	0	8	1	1	0	0	0	17	640
08:00	3	549	81	6	17	4	2	8	2	1	0	0	0	23	696
09:00	3	509	99	2	14	0	2	14	0	2	1	0	0	13	659
10:00	0	518	97	2	18	3	0	16	2	0	0	0	0	15	671
11:00	2	570	94	1	15	0	3	12	3	2	0	1	1	23	727
12 PM	2	690	95	2	23	1	1	16	1	0	0	0	0	23	854
13:00	6	682	92	2	18	2	3	13	1	1	0	0	0	25	845
14:00	1	598	89	1	17	3	0	11	0	0	1	0	0	18	739
15:00	5	594	84	1	19	2	2	11	2	2	3	0	1	22	748
16:00	5	840	87	3	16	3	0	14	0	3	1	1	1	44	1018
17:00	5	963	103	2	10	1	0	12	1	2	6	0	0	46	1151
18:00	3	665	62	0	14	0	0	4	0	0	0	0	0	19	767
19:00	2	507	50	0	6	0	0	4	2	0	1	0	0	18	590
20:00	2	386	52	0	5	0	0	0	0	1	0	0	0	12	458
21:00	1	291	27	0	3	0	0	0	0	0	0	0	0	4	326
22:00	0	168	14	0	3	1	0	0	2	0	0	0	0	1	189
23:00	0	62	6	0	0	0	0	0	0	0	0	0	0	0	68
Total	45	9546	1277	30	237	23	15	150	18	15	14	2	4	328	11704
Percent	0.4%	81.6%	10.9%	0.3%	2.0%	0.2%	0.1%	1.3%	0.2%	0.1%	0.1%	0.0%	0.0%	2.8%	
AM Peak	07:00	11:00	09:00	08:00	10:00	08:00	11:00	10:00	11:00	09:00	05:00	11:00	06:00	08:00	
Vol.	4	570	99	6	18	4	3	16	3	2	1	1	1	23	
PM Peak	13:00	17:00	17:00	16:00	12:00	14:00	13:00	12:00	15:00	16:00	17:00	16:00	15:00	17:00	
Vol.	6	963	103	3	23	3	3	16	2	3	6	1	1	46	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/15/16	0	28	7	0	0	0	0	1	1	0	0	0	0	0	37
01:00	0	19	1	0	0	0	0	0	0	0	0	0	0	0	20
02:00	0	13	2	0	0	0	0	0	0	0	0	0	0	0	15
03:00	0	14	4	0	1	0	0	0	0	0	0	0	0	2	21
04:00	0	22	5	0	1	0	0	1	0	0	0	0	0	0	29
05:00	1	105	11	0	5	1	0	2	2	0	0	0	0	0	127
06:00	2	272	63	1	11	1	0	6	0	0	0	0	0	4	360
07:00	1	544	78	3	14	2	1	8	0	0	0	1	2	19	673
08:00	1	576	97	4	26	0	1	9	2	2	3	0	0	15	736
09:00	2	502	81	2	21	5	2	15	0	0	0	0	0	4	634
10:00	1	535	91	1	19	1	1	13	3	0	1	0	1	12	679
11:00	5	618	92	3	15	2	0	13	2	4	1	0	0	17	772
12 PM	1	689	83	5	17	3	1	12	1	4	1	1	1	25	844
13:00	1	652	107	1	20	2	0	16	1	1	1	0	0	23	825
14:00	1	616	112	2	17	2	3	9	0	2	1	1	0	17	783
15:00	1	717	107	1	22	1	1	10	1	1	2	0	0	28	892
16:00	6	903	99	1	18	4	0	11	0	4	0	0	0	31	1077
17:00	5	941	106	3	13	3	0	17	0	0	0	0	5	47	1140
18:00	4	627	68	2	14	1	0	3	1	2	2	0	0	7	731
19:00	3	472	47	1	6	0	0	3	0	0	0	0	0	6	538
20:00	4	414	63	0	3	1	0	2	1	0	1	0	0	9	498
21:00	2	295	40	0	4	0	0	2	1	0	0	0	0	1	345
22:00	0	138	19	0	2	0	0	0	0	0	0	0	0	1	160
23:00	0	85	4	0	0	0	0	0	0	0	0	0	0	3	92
Total	41	9797	1387	30	249	29	10	153	16	20	13	3	9	271	12028
Percent	0.3%	81.5%	11.5%	0.2%	2.1%	0.2%	0.1%	1.3%	0.1%	0.2%	0.1%	0.0%	0.1%	2.3%	
AM Peak	11:00	11:00	08:00	08:00	08:00	09:00	09:00	09:00	10:00	11:00	08:00	07:00	07:00	07:00	
Vol.	5	618	97	4	26	5	2	15	3	4	3	1	2	19	
PM Peak	16:00	17:00	14:00	12:00	15:00	16:00	14:00	17:00	12:00	12:00	15:00	12:00	17:00	17:00	
Vol.	6	941	112	5	22	4	3	17	1	4	2	1	5	47	

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369 East Park Drive  
Harrisburg, PA 17111

310 Class  
Count 3  
Crooked Hill and Progress

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/16/16	0	32	4	0	0	0	0	0	0	0	0	0	0	0	36
01:00	0	22	2	0	1	0	0	0	0	0	0	0	0	0	25
02:00	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
03:00	0	11	2	0	0	0	0	0	0	0	0	0	0	0	13
04:00	0	30	7	0	1	0	0	0	0	0	0	0	0	0	38
05:00	0	108	20	0	8	0	0	0	2	0	0	0	0	1	139
06:00	0	245	46	1	13	1	0	4	1	0	0	0	0	1	312
07:00	1	567	78	1	15	1	0	11	0	0	0	0	0	15	689
08:00	0	602	86	4	19	0	0	11	2	0	0	0	1	12	737
09:00	0	468	94	2	17	2	2	5	0	1	0	1	0	14	606
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	1	2094	342	8	74	4	2	31	5	1	0	1	1	43	2607
Percent	0.0%	80.3%	13.1%	0.3%	2.8%	0.2%	0.1%	1.2%	0.2%	0.0%	0.0%	0.0%	0.0%	1.6%	
AM Peak	07:00	08:00	09:00	08:00	08:00	09:00	09:00	07:00	05:00	09:00		09:00	08:00	07:00	
Vol.	1	602	94	4	19	2	2	11	2	1		1	1	15	
PM Peak															
Vol.															
Grand Total	515	126999	17005	448	2851	312	119	1692	195	143	134	22	48	3496	153979
Percent	0.3%	82.5%	11.0%	0.3%	1.9%	0.2%	0.1%	1.1%	0.1%	0.1%	0.1%	0.0%	0.0%	2.3%	

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369 East Park Drive  
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311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/02/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	648	133	1	18	3	0	8	0	1	0	2	0	26	840
13:00	8	622	144	2	29	4	0	15	0	0	1	1	1	26	853
14:00	0	752	134	9	25	3	0	11	0	3	0	0	0	20	957
15:00	4	801	125	2	32	0	0	4	1	1	1	0	0	22	993
16:00	9	812	120	1	21	3	0	8	0	0	2	0	0	62	1038
17:00	4	708	98	3	23	2	0	13	2	0	0	0	0	58	911
18:00	1	581	74	0	15	0	0	7	0	0	0	0	0	9	687
19:00	3	513	82	0	13	0	0	6	1	0	0	0	0	16	634
20:00	2	356	61	0	7	1	1	2	1	0	0	0	0	7	438
21:00	0	176	14	0	5	0	0	0	0	0	0	0	0	1	196
22:00	0	83	10	1	4	0	0	1	0	0	0	0	0	2	101
23:00	0	61	12	0	0	0	0	1	1	0	0	0	0	0	75
Total	31	6113	1007	19	192	16	1	76	6	5	4	3	1	249	7723
Percent	0.4%	79.2%	13.0%	0.2%	2.5%	0.2%	0.0%	1.0%	0.1%	0.1%	0.1%	0.0%	0.0%	3.2%	
AM Peak Vol.															
PM Peak Vol.	16:00	16:00	13:00	14:00	15:00	13:00	20:00	13:00	17:00	14:00	16:00	12:00	13:00	16:00	
	9	812	144	9	32	4	1	15	2	3	2	2	1	62	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/03/16	0	24	6	1	1	0	0	0	1	0	0	0	0	0	33
01:00	0	5	4	0	2	0	0	0	0	0	0	0	0	0	11
02:00	0	10	1	0	1	0	0	0	0	0	0	0	0	1	13
03:00	0	24	6	0	2	0	0	0	0	0	0	0	0	0	32
04:00	0	52	13	0	8	3	0	1	1	0	0	0	0	1	79
05:00	0	229	38	4	16	3	0	1	0	0	0	0	0	4	295
06:00	0	513	84	3	11	5	1	7	1	1	0	0	0	16	642
07:00	1	695	127	12	24	4	0	9	1	1	1	0	0	30	905
08:00	2	577	137	1	25	0	0	6	1	1	0	0	0	14	764
09:00	1	581	129	4	29	3	0	11	0	0	0	0	0	15	773
10:00	1	618	122	1	27	0	0	13	0	0	1	0	0	12	795
11:00	2	754	129	3	21	3	0	10	1	0	0	1	0	20	944
12 PM	4	745	136	1	25	3	0	7	3	1	0	0	0	16	941
13:00	1	651	125	1	32	5	0	8	0	2	0	0	0	19	844
14:00	1	782	114	13	32	1	1	10	0	0	1	0	0	13	968
15:00	2	787	137	2	24	1	0	14	1	0	1	1	0	22	992
16:00	2	763	108	5	28	5	0	12	1	0	0	0	0	30	954
17:00	2	654	89	3	17	1	0	10	1	0	0	0	0	15	792
18:00	1	542	91	0	18	2	0	6	0	0	0	0	0	10	670
19:00	1	494	74	1	13	1	0	2	1	0	0	0	0	11	598
20:00	2	375	64	0	7	0	0	2	1	1	0	0	0	7	459
21:00	1	256	34	1	5	0	0	3	0	0	0	0	0	2	302
22:00	0	143	20	0	4	0	0	2	0	0	0	0	0	1	170
23:00	0	67	14	0	1	0	0	0	0	0	0	0	0	0	82
Total	24	10341	1802	56	373	40	2	134	14	7	4	2	0	259	13058
Percent	0.2%	79.2%	13.8%	0.4%	2.9%	0.3%	0.0%	1.0%	0.1%	0.1%	0.0%	0.0%	0.0%	2.0%	
AM Peak	08:00	11:00	08:00	07:00	09:00	06:00	06:00	10:00	00:00	06:00	07:00	11:00		07:00	
Vol.	2	754	137	12	29	5	1	13	1	1	1	1		30	
PM Peak	12:00	15:00	15:00	14:00	13:00	13:00	14:00	15:00	12:00	13:00	14:00	15:00		16:00	
Vol.	4	787	137	13	32	5	1	14	3	2	1	1		30	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/04/16	0	37	7	0	0	0	0	0	0	0	0	0	0	0	44
01:00	0	19	4	0	1	0	0	0	0	0	0	0	0	0	24
02:00	0	17	1	0	0	0	0	0	1	0	0	0	0	0	19
03:00	0	13	5	0	1	0	0	0	0	0	0	0	0	1	20
04:00	1	27	6	1	5	0	0	1	2	0	0	0	0	0	43
05:00	0	83	18	0	6	1	0	0	0	0	0	0	0	1	109
06:00	0	169	36	0	11	2	0	2	0	0	0	0	0	1	221
07:00	1	295	45	1	16	2	0	4	0	0	0	0	0	5	369
08:00	3	485	88	2	13	5	0	7	0	1	1	0	0	15	620
09:00	1	583	94	1	18	1	0	5	0	3	1	0	0	14	721
10:00	1	642	101	4	18	0	0	9	0	1	0	0	0	17	793
11:00	2	658	118	0	22	2	0	9	1	4	0	0	1	22	839
12 PM	1	646	125	3	30	0	0	4	0	2	2	0	1	22	836
13:00	4	598	92	2	14	0	0	15	0	1	0	0	1	15	742
14:00	4	641	96	1	14	3	0	10	0	0	0	0	0	16	785
15:00	2	613	103	0	19	2	0	8	0	0	0	0	0	13	760
16:00	2	537	72	1	13	0	0	7	0	1	0	0	0	10	643
17:00	0	488	84	0	16	1	0	7	0	1	0	0	0	8	605
18:00	0	439	61	0	7	0	0	2	0	0	0	0	0	8	517
19:00	1	414	56	1	7	0	0	3	1	1	0	0	0	9	493
20:00	0	298	53	0	7	0	0	3	0	0	0	0	0	3	364
21:00	0	203	20	0	4	1	1	0	1	0	0	0	0	3	233
22:00	0	145	13	1	1	0	0	1	0	0	0	0	0	2	163
23:00	0	105	23	0	2	0	0	0	0	0	0	0	0	1	131
Total	23	8155	1321	18	245	20	1	97	6	15	4	0	3	186	10094
Percent	0.2%	80.8%	13.1%	0.2%	2.4%	0.2%	0.0%	1.0%	0.1%	0.1%	0.0%	0.0%	0.0%	1.8%	
AM Peak	08:00	11:00	11:00	10:00	11:00	08:00		10:00	04:00	11:00	08:00		11:00	11:00	
Vol.	3	658	118	4	22	5		9	2	4	1		1	22	
PM Peak	13:00	12:00	12:00	12:00	12:00	14:00	21:00	13:00	19:00	12:00	12:00		12:00	12:00	
Vol.	4	646	125	3	30	3	1	15	1	2	2		1	22	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/05/16	1	60	14	0	4	0	0	0	0	0	0	0	0	0	79
01:00	0	32	3	0	2	0	0	0	0	0	0	0	0	0	37
02:00	0	11	6	0	0	0	0	0	0	0	0	0	0	0	17
03:00	0	17	4	0	1	0	0	0	1	0	0	0	0	0	23
04:00	0	19	7	0	2	0	0	0	0	0	0	0	0	0	28
05:00	0	53	9	0	2	0	0	0	0	0	0	0	0	0	64
06:00	0	108	13	0	1	0	0	0	0	0	0	0	0	2	124
07:00	0	180	36	0	4	0	0	0	0	0	0	0	0	2	222
08:00	0	329	43	0	9	0	0	4	0	0	0	0	0	6	391
09:00	1	406	63	1	10	2	0	0	0	0	0	0	0	9	492
10:00	1	463	85	0	12	0	0	6	0	0	0	0	0	7	574
11:00	1	554	86	1	12	2	0	5	1	0	0	0	0	7	669
12 PM	1	657	94	1	23	0	0	5	0	1	0	0	1	19	802
13:00	0	615	83	0	12	0	0	6	0	1	1	0	1	14	733
14:00	1	557	81	0	9	0	0	5	0	0	0	0	0	17	670
15:00	2	466	68	0	12	0	0	1	0	0	0	0	0	23	572
16:00	1	406	61	0	7	0	0	2	0	0	0	0	0	10	487
17:00	0	394	64	0	9	0	0	3	0	0	0	0	0	5	475
18:00	1	392	50	0	8	0	0	0	1	0	0	0	0	5	457
19:00	1	329	41	0	5	0	0	0	0	1	0	0	0	4	381
20:00	0	202	35	0	1	1	0	0	0	0	0	0	0	3	242
21:00	0	147	24	0	4	0	0	0	1	0	0	0	0	0	176
22:00	0	68	12	0	1	0	0	0	0	0	0	0	0	1	82
23:00	0	34	10	0	1	0	0	0	0	0	0	0	0	0	45
Total	11	6499	992	3	151	5	0	37	4	3	1	0	2	134	7842
Percent	0.1%	82.9%	12.6%	0.0%	1.9%	0.1%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	1.7%	
AM Peak	00:00	11:00	11:00	09:00	10:00	09:00		10:00	03:00					09:00	
Vol.	1	554	86	1	12	2		6	1					9	
PM Peak	15:00	12:00	12:00	12:00	12:00	20:00		13:00	18:00	12:00	13:00		12:00	15:00	
Vol.	2	657	94	1	23	1		6	1	1	1		1	23	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/06/16	0	18	1	0	2	0	0	0	0	0	0	0	0	0	21
01:00	0	16	2	0	0	0	0	0	0	0	0	0	0	0	18
02:00	0	13	2	0	1	0	0	0	0	0	0	0	0	1	17
03:00	0	23	7	0	2	0	0	0	0	0	0	0	0	0	32
04:00	0	54	19	0	4	0	1	0	0	0	0	0	0	0	78
05:00	2	241	30	4	12	2	0	1	0	0	0	0	0	2	294
06:00	2	554	77	3	18	6	0	8	2	0	0	0	0	12	682
07:00	0	745	117	12	24	8	0	12	1	0	0	1	0	22	942
08:00	1	509	125	4	24	5	0	10	1	1	0	0	0	15	695
09:00	0	537	118	0	29	8	0	6	1	0	0	0	0	14	713
10:00	3	570	101	3	24	5	1	7	1	0	0	0	1	23	739
11:00	2	704	127	3	31	4	0	11	2	0	0	0	0	21	905
12 PM	2	692	127	1	23	2	0	11	2	0	2	0	0	12	874
13:00	3	662	120	0	26	5	1	8	1	2	0	1	0	21	850
14:00	6	718	149	8	22	2	0	19	1	2	0	0	1	17	945
15:00	4	807	124	4	26	1	0	7	0	0	0	0	1	22	996
16:00	7	884	113	3	21	1	0	14	2	0	2	0	0	34	1081
17:00	3	692	109	1	20	1	0	8	2	0	0	0	0	27	863
18:00	4	516	60	0	17	0	0	7	0	1	0	1	2	25	633
19:00	3	485	56	0	14	0	0	4	0	0	1	0	0	8	571
20:00	3	316	54	0	10	0	0	2	1	0	0	0	0	2	388
21:00	2	200	28	0	3	0	0	0	0	0	0	0	0	1	234
22:00	1	114	11	0	1	0	0	0	0	0	0	0	0	0	127
23:00	0	45	5	0	1	0	0	0	0	0	0	0	0	1	52
Total	48	10115	1682	46	355	50	3	135	17	6	5	3	5	280	12750
Percent	0.4%	79.3%	13.2%	0.4%	2.8%	0.4%	0.0%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	2.2%	
AM Peak	10:00	07:00	11:00	07:00	11:00	07:00	04:00	07:00	06:00	08:00		07:00	10:00	10:00	
Vol.	3	745	127	12	31	8	1	12	2	1		1	1	23	
PM Peak	16:00	16:00	14:00	14:00	13:00	13:00	13:00	14:00	12:00	13:00	12:00	13:00	18:00	16:00	
Vol.	7	884	149	8	26	5	1	19	2	2	2	1	2	34	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
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311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/07/16	0	22	5	0	1	0	0	0	0	0	0	0	0	0	28
01:00	0	14	2	0	1	0	0	0	1	0	0	0	0	1	19
02:00	0	11	1	0	1	0	0	0	0	0	0	0	0	0	13
03:00	0	16	6	0	3	0	0	0	0	0	0	0	0	0	25
04:00	0	66	14	1	3	0	1	2	0	0	0	0	0	0	87
05:00	2	220	42	2	15	2	0	1	0	0	0	0	0	3	287
06:00	1	582	88	4	14	1	0	14	0	0	0	0	0	10	714
07:00	1	729	132	15	20	2	0	8	1	4	0	0	0	28	940
08:00	1	552	123	3	23	2	0	8	1	1	0	1	0	19	734
09:00	2	499	104	3	29	6	0	6	1	1	0	0	0	9	660
10:00	2	590	107	2	27	1	0	11	2	2	0	0	0	13	757
11:00	2	771	108	1	33	3	0	14	1	0	0	0	0	17	950
12 PM	3	678	119	1	26	1	0	11	1	0	0	0	0	17	857
13:00	2	634	118	1	27	0	0	8	0	2	0	1	0	16	809
14:00	0	718	164	7	34	2	0	10	1	0	0	0	0	18	954
15:00	6	788	127	3	39	3	0	11	0	0	0	0	0	21	998
16:00	2	773	129	2	18	3	0	7	0	0	0	0	0	73	1007
17:00	6	669	96	1	23	0	0	6	0	0	0	0	0	31	832
18:00	1	515	81	0	8	0	0	7	0	0	2	0	0	16	630
19:00	3	460	79	0	11	2	0	1	0	0	0	0	0	10	566
20:00	1	345	49	0	12	0	0	4	0	0	0	0	0	7	418
21:00	1	202	32	0	5	0	0	1	0	0	0	0	0	4	245
22:00	0	110	18	0	2	0	0	0	0	0	0	0	0	0	130
23:00	0	59	9	0	2	0	0	0	0	0	0	0	0	0	70
Total	36	10023	1753	46	377	28	1	130	9	10	2	2	0	313	12730
Percent	0.3%	78.7%	13.8%	0.4%	3.0%	0.2%	0.0%	1.0%	0.1%	0.1%	0.0%	0.0%	0.0%	2.5%	
AM Peak	05:00	11:00	07:00	07:00	11:00	09:00	04:00	06:00	10:00	07:00		08:00		07:00	
Vol.	2	771	132	15	33	6	1	14	2	4		1		28	
PM Peak	15:00	15:00	14:00	14:00	15:00	15:00		12:00	12:00	13:00	18:00	13:00		16:00	
Vol.	6	788	164	7	39	3		11	1	2	2	1		73	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/08/16	0	23	5	0	1	0	0	0	0	0	0	0	0	0	29
01:00	0	13	2	0	2	0	0	0	0	0	0	0	0	0	17
02:00	0	11	2	0	0	0	0	0	1	0	0	0	0	0	14
03:00	0	21	8	0	2	0	0	0	0	0	0	0	0	1	32
04:00	0	52	11	0	4	0	0	0	0	0	0	0	0	0	67
05:00	2	208	33	2	13	1	0	2	0	0	0	0	0	4	265
06:00	2	557	94	3	17	3	0	3	2	1	0	0	0	6	688
07:00	0	733	135	11	26	1	0	9	3	1	0	1	0	24	944
08:00	1	553	103	5	25	3	0	7	0	1	0	0	0	15	713
09:00	5	520	116	1	23	3	0	7	1	0	0	0	0	25	701
10:00	1	601	105	8	13	3	0	11	0	1	0	0	0	15	758
11:00	1	722	113	5	24	3	0	13	2	0	0	0	0	39	922
12 PM	0	707	107	3	24	5	0	8	3	1	0	0	0	33	891
13:00	2	642	124	1	25	1	1	4	0	2	0	0	0	18	820
14:00	0	736	136	5	23	5	0	12	0	0	1	0	0	34	952
15:00	1	753	111	1	18	1	0	12	3	1	0	1	1	24	927
16:00	1	832	126	2	12	2	0	8	0	1	0	0	0	43	1027
17:00	2	708	86	2	24	0	0	2	0	1	0	0	0	11	836
18:00	6	598	69	0	8	0	0	10	0	1	0	0	0	10	702
19:00	3	470	64	0	9	1	0	3	1	0	0	0	0	11	562
20:00	4	392	60	0	3	0	0	3	1	0	0	0	0	5	468
21:00	0	190	15	0	4	1	0	0	0	0	0	0	0	3	213
22:00	0	84	8	0	3	0	0	0	0	0	0	0	0	0	95
23:00	0	62	5	0	0	0	0	0	0	0	0	0	0	0	67
Total	31	10188	1638	49	303	33	1	114	17	11	1	2	1	321	12710
Percent	0.2%	80.2%	12.9%	0.4%	2.4%	0.3%	0.0%	0.9%	0.1%	0.1%	0.0%	0.0%	0.0%	2.5%	
AM Peak	09:00	07:00	07:00	07:00	07:00	06:00		11:00	07:00	06:00		07:00		11:00	
Vol.	5	733	135	11	26	3		13	3	1		1		39	
PM Peak	18:00	16:00	14:00	14:00	13:00	12:00	13:00	14:00	12:00	13:00	14:00	15:00	15:00	16:00	
Vol.	6	832	136	5	25	5	1	12	3	2	1	1	1	43	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
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311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/09/16	0	22	4	0	0	0	0	0	1	0	0	0	0	0	27
01:00	0	13	0	0	2	0	0	0	0	0	0	0	0	0	15
02:00	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
03:00	0	19	4	0	0	0	0	0	2	0	0	0	0	0	25
04:00	0	53	21	0	4	0	0	0	1	0	0	0	0	0	79
05:00	1	208	34	2	12	1	0	0	2	0	0	0	0	2	262
06:00	0	573	93	5	15	4	0	5	1	0	0	0	0	20	716
07:00	2	735	106	14	16	5	0	8	0	0	0	0	0	23	909
08:00	3	540	123	3	20	5	0	13	0	1	0	0	0	13	721
09:00	0	540	114	2	24	3	0	11	1	0	2	0	0	12	709
10:00	0	668	118	8	22	2	0	6	2	1	0	0	0	14	841
11:00	2	748	143	2	16	4	0	11	1	1	1	0	0	28	957
12 PM	4	712	117	1	22	3	1	13	2	1	3	0	0	17	896
13:00	3	647	109	0	8	3	0	6	2	2	1	0	1	12	794
14:00	7	767	151	2	23	0	0	6	2	0	0	0	0	27	985
15:00	4	824	124	1	23	4	0	12	0	1	1	0	0	30	1024
16:00	4	874	112	1	17	2	0	5	0	1	0	0	0	31	1047
17:00	1	698	109	1	13	0	0	7	1	0	0	0	0	22	852
18:00	4	578	82	1	4	0	0	5	0	0	0	0	0	16	690
19:00	1	471	73	0	4	1	0	3	0	0	1	0	0	19	573
20:00	0	378	53	0	6	0	0	1	0	0	0	0	0	6	444
21:00	1	237	37	0	1	0	0	0	1	0	0	0	0	0	277
22:00	0	120	13	0	2	0	0	0	0	0	0	0	0	0	135
23:00	1	70	8	0	1	0	0	0	1	0	0	0	0	0	81
Total	38	10505	1752	43	255	37	1	112	20	8	9	0	1	292	13073
Percent	0.3%	80.4%	13.4%	0.3%	2.0%	0.3%	0.0%	0.9%	0.2%	0.1%	0.1%	0.0%	0.0%	2.2%	
AM Peak	08:00	11:00	11:00	07:00	09:00	07:00		08:00	03:00	08:00	09:00			11:00	
Vol.	3	748	143	14	24	5		13	2	1	2			28	
PM Peak	14:00	16:00	14:00	14:00	14:00	15:00	12:00	12:00	12:00	13:00	12:00		13:00	16:00	
Vol.	7	874	151	2	23	4	1	13	2	2	3		1	31	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/10/16	0	23	4	0	0	0	0	0	0	0	0	0	0	0	27
01:00	0	15	3	1	1	1	0	0	0	0	0	0	0	0	21
02:00	0	11	2	0	0	0	0	0	0	0	0	0	0	0	13
03:00	0	26	6	0	2	0	0	0	0	0	0	0	0	0	34
04:00	0	55	16	0	8	0	0	1	0	0	0	0	0	0	80
05:00	1	204	28	1	11	0	0	0	0	0	0	0	0	1	246
06:00	0	492	73	1	11	1	0	4	0	0	0	0	1	11	594
07:00	5	658	108	4	24	2	0	7	1	0	0	1	0	23	833
08:00	4	597	109	3	30	1	0	9	2	0	0	0	0	23	778
09:00	1	574	100	4	29	0	1	9	2	1	0	1	1	12	735
10:00	2	646	110	0	24	2	0	10	0	1	1	0	0	22	818
11:00	5	826	133	6	22	2	0	6	1	0	2	0	0	22	1025
12 PM	5	834	117	0	16	0	0	11	1	0	1	1	0	30	1016
13:00	2	725	137	1	17	2	0	7	0	0	1	0	0	22	914
14:00	4	780	110	3	19	1	0	8	0	1	1	0	1	31	959
15:00	6	832	132	1	16	1	0	14	1	1	0	0	0	28	1032
16:00	9	879	107	2	8	1	0	6	0	1	2	1	1	26	1043
17:00	6	724	108	1	14	4	0	9	0	0	1	0	1	32	900
18:00	4	525	76	0	9	0	0	2	0	0	1	0	0	19	636
19:00	4	488	67	0	5	0	0	2	0	0	0	0	0	11	577
20:00	3	395	47	0	3	1	0	2	0	0	0	0	0	8	459
21:00	1	236	33	0	6	0	0	2	0	0	0	0	0	4	282
22:00	0	155	19	0	5	0	0	0	0	0	0	0	0	0	179
23:00	1	95	8	0	4	0	0	0	0	0	0	0	0	2	110
Total	63	10795	1653	28	284	19	1	109	8	5	10	4	5	327	13311
Percent	0.5%	81.1%	12.4%	0.2%	2.1%	0.1%	0.0%	0.8%	0.1%	0.0%	0.1%	0.0%	0.0%	2.5%	
AM Peak	07:00	11:00	11:00	11:00	08:00	07:00	09:00	10:00	08:00	09:00	11:00	07:00	06:00	07:00	
Vol.	5	826	133	6	30	2	1	10	2	1	2	1	1	23	
PM Peak	16:00	16:00	13:00	14:00	14:00	17:00		15:00	12:00	14:00	16:00	12:00	14:00	17:00	
Vol.	9	879	137	3	19	4		14	1	1	2	1	1	32	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/11/16	0	47	5	0	1	0	0	0	0	0	0	0	0	0	53
01:00	0	34	6	0	0	0	0	0	0	0	0	0	0	0	40
02:00	0	18	0	0	0	0	0	0	1	0	0	0	0	0	19
03:00	0	13	1	0	1	0	0	0	1	0	0	0	0	0	16
04:00	0	33	9	0	2	0	0	0	1	0	0	0	0	0	45
05:00	0	93	9	0	6	0	0	0	1	0	0	0	0	1	110
06:00	0	180	30	0	6	0	0	0	1	0	0	0	0	2	219
07:00	2	270	45	1	10	2	0	4	0	0	0	0	0	5	339
08:00	2	455	75	0	3	0	0	3	0	1	0	0	0	19	558
09:00	1	513	65	0	8	1	0	5	0	2	0	0	1	13	609
10:00	1	582	71	2	11	2	0	9	0	1	0	0	0	12	691
11:00	2	598	98	0	15	1	0	8	1	2	0	0	2	20	747
12 PM	2	595	79	0	11	2	0	7	0	1	1	0	0	10	708
13:00	1	548	65	0	7	0	0	7	1	0	0	0	0	10	639
14:00	2	565	64	3	4	0	0	10	0	1	0	0	0	14	663
15:00	2	584	75	1	5	3	0	9	0	1	0	0	0	12	692
16:00	1	526	76	2	6	0	0	6	1	1	0	0	0	14	633
17:00	1	585	70	1	5	0	0	6	1	0	0	0	0	11	680
18:00	1	465	66	0	3	0	0	1	0	0	0	0	0	8	544
19:00	2	397	66	0	5	1	0	4	0	0	0	0	0	6	481
20:00	1	394	55	0	5	0	0	2	0	0	0	0	0	4	461
21:00	0	227	32	0	3	0	0	0	0	0	0	0	0	2	264
22:00	1	156	19	1	0	0	0	0	0	0	0	0	0	3	180
23:00	0	72	11	0	0	0	0	0	0	0	0	0	0	0	83
Total	22	7950	1092	11	117	12	0	81	9	10	1	0	3	166	9474
Percent	0.2%	83.9%	11.5%	0.1%	1.2%	0.1%	0.0%	0.9%	0.1%	0.1%	0.0%	0.0%	0.0%	1.8%	
AM Peak	07:00	11:00	11:00	10:00	11:00	07:00		10:00	02:00	09:00			11:00	11:00	
Vol.	2	598	98	2	15	2		9	1	2			2	20	
PM Peak	12:00	12:00	12:00	14:00	12:00	15:00		14:00	13:00	12:00	12:00			14:00	
Vol.	2	595	79	3	11	3		10	1	1	1			14	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/12/16	0	39	4	0	0	0	0	0	0	0	0	0	0	1	44
01:00	0	31	5	0	1	0	0	0	0	0	0	0	0	1	38
02:00	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
03:00	0	17	2	0	0	0	0	0	0	0	0	0	0	0	19
04:00	0	25	5	0	0	0	0	0	0	0	0	0	0	0	30
05:00	0	53	10	0	1	0	0	0	1	0	0	0	0	2	67
06:00	0	130	14	0	6	0	0	0	0	0	0	0	0	1	151
07:00	1	195	33	1	4	0	0	0	0	0	0	0	0	1	235
08:00	4	341	53	0	7	0	0	1	0	0	1	0	0	3	410
09:00	5	469	68	0	6	1	0	3	0	0	0	0	1	12	565
10:00	2	537	93	0	9	3	0	10	0	1	0	0	0	12	667
11:00	3	637	97	2	11	2	0	5	0	0	0	0	0	12	769
12 PM	3	611	80	0	12	1	0	3	1	2	1	0	0	13	727
13:00	1	579	79	0	12	2	0	6	0	1	0	0	1	17	698
14:00	4	617	95	3	12	2	0	6	0	0	0	0	0	24	763
15:00	3	610	80	2	11	0	0	8	0	1	0	0	0	9	724
16:00	3	505	51	0	10	0	0	3	0	1	0	0	0	14	587
17:00	1	508	70	0	3	0	0	3	1	0	0	0	0	17	603
18:00	3	419	52	1	3	0	0	3	1	0	0	0	0	8	490
19:00	3	331	55	0	10	0	0	1	0	0	0	0	0	12	412
20:00	1	243	34	0	5	0	0	3	0	1	0	0	0	1	288
21:00	1	161	25	1	2	0	0	0	0	0	0	0	0	2	192
22:00	0	95	15	2	2	0	0	0	0	0	0	0	0	0	114
23:00	0	56	8	0	2	0	0	0	0	0	0	0	0	0	66
Total	38	7218	1032	12	129	11	0	55	4	7	2	0	2	162	8672
Percent	0.4%	83.2%	11.9%	0.1%	1.5%	0.1%	0.0%	0.6%	0.0%	0.1%	0.0%	0.0%	0.0%	1.9%	
AM Peak	09:00	11:00	11:00	11:00	11:00	10:00		10:00	05:00	10:00	08:00		09:00	09:00	
Vol.	5	637	97	2	11	3		10	1	1	1		1	12	
PM Peak	14:00	14:00	14:00	14:00	12:00	13:00		15:00	12:00	12:00	12:00		13:00	14:00	
Vol.	4	617	95	3	12	2		8	1	2	1		1	24	

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369 East Park Drive  
Harrisburg, PA 17111

311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/13/16	0	28	4	0	0	0	0	0	0	0	0	0	0	0	32
01:00	0	12	3	0	2	0	0	0	1	0	0	0	0	0	18
02:00	0	22	2	0	2	0	0	0	0	0	0	0	0	0	26
03:00	0	17	5	0	1	0	0	0	0	0	0	0	0	0	23
04:00	0	52	14	0	5	0	0	1	1	0	0	0	0	1	74
05:00	1	214	38	2	12	1	0	2	1	0	0	0	0	3	274
06:00	3	531	76	2	12	6	0	6	1	0	0	1	0	10	648
07:00	2	719	120	3	15	5	0	5	0	0	1	0	1	20	891
08:00	2	539	105	3	16	0	0	8	1	0	1	0	0	18	693
09:00	0	488	105	2	14	2	0	5	1	0	0	0	0	21	638
10:00	1	625	96	1	21	2	0	12	2	0	0	0	0	23	783
11:00	0	741	118	1	18	5	1	15	2	0	0	0	1	21	923
12 PM	5	788	93	1	7	3	0	4	1	0	0	0	0	18	920
13:00	4	622	117	2	17	0	0	13	0	0	0	0	0	18	793
14:00	0	688	140	5	13	2	0	8	1	0	1	0	0	18	876
15:00	2	795	130	3	20	3	0	6	0	0	0	0	0	29	988
16:00	2	871	131	1	9	1	0	9	0	1	1	0	0	31	1057
17:00	2	692	83	2	11	1	1	9	0	0	0	0	0	25	826
18:00	0	535	61	0	4	0	0	7	1	0	0	0	0	13	621
19:00	0	439	77	0	6	0	0	6	1	1	0	0	0	12	542
20:00	2	277	49	1	5	0	0	3	1	0	0	0	0	6	344
21:00	2	152	25	0	4	0	0	2	1	0	0	0	0	2	188
22:00	0	111	10	0	3	0	0	0	0	0	0	0	0	0	124
23:00	0	49	4	0	0	0	0	0	0	0	0	0	0	0	53
Total	28	10007	1606	29	217	31	2	121	16	2	4	1	2	289	12355
Percent	0.2%	81.0%	13.0%	0.2%	1.8%	0.3%	0.0%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	2.3%	
AM Peak	06:00	11:00	07:00	07:00	10:00	06:00	11:00	11:00	10:00		07:00	06:00	07:00	10:00	
Vol.	3	741	120	3	21	6	1	15	2		1	1	1	23	
PM Peak	12:00	16:00	14:00	14:00	15:00	12:00	17:00	13:00	12:00	16:00	14:00			16:00	
Vol.	5	871	140	5	20	3	1	13	1	1	1			31	



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311 Class  
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Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/14/16	0	21	2	0	0	0	0	0	0	0	0	0	0	1	24
01:00	0	10	4	0	2	0	0	0	0	0	0	0	0	0	16
02:00	0	9	2	0	0	0	0	1	0	0	0	0	0	1	13
03:00	0	12	5	0	2	0	0	0	0	0	0	0	0	0	19
04:00	0	61	12	1	6	0	1	1	0	0	0	0	0	1	83
05:00	3	239	31	1	11	0	0	3	1	0	0	0	0	1	290
06:00	4	535	72	3	7	4	0	5	0	0	1	1	0	14	646
07:00	1	756	76	6	16	5	0	12	0	1	1	0	0	23	897
08:00	1	526	85	4	25	1	1	7	0	0	1	0	0	11	662
09:00	4	519	88	0	15	3	0	5	0	1	0	0	0	12	647
10:00	1	565	108	1	16	2	1	7	5	1	0	0	0	11	718
11:00	2	727	97	3	14	1	0	9	1	3	1	0	0	19	877
12 PM	4	718	107	1	19	5	0	8	2	3	0	0	1	22	890
13:00	0	652	106	1	24	2	0	9	0	0	1	0	1	8	804
14:00	4	720	104	3	11	3	0	14	2	0	0	0	1	20	882
15:00	7	732	111	0	22	4	0	15	0	0	0	0	0	22	913
16:00	4	772	117	1	20	1	0	10	1	1	0	0	0	75	1002
17:00	1	699	81	1	13	0	0	12	0	1	0	0	1	13	822
18:00	2	559	68	0	1	0	0	2	1	0	0	0	0	12	645
19:00	3	490	63	1	4	2	0	1	0	0	1	0	0	11	576
20:00	1	385	53	0	2	0	0	0	0	0	0	0	0	9	450
21:00	1	207	24	0	2	0	0	0	0	0	0	0	0	2	236
22:00	0	82	8	0	1	0	1	1	1	0	0	0	0	0	94
23:00	0	57	6	1	0	0	0	0	0	0	0	0	0	1	65
Total	43	10053	1430	28	233	33	4	122	14	11	6	1	4	289	12271
Percent	0.4%	81.9%	11.7%	0.2%	1.9%	0.3%	0.0%	1.0%	0.1%	0.1%	0.0%	0.0%	0.0%	2.4%	
AM Peak	06:00	07:00	10:00	07:00	08:00	07:00	04:00	07:00	10:00	11:00	06:00	06:00		07:00	
Vol.	4	756	108	6	25	5	1	12	5	3	1	1		23	
PM Peak	15:00	16:00	16:00	14:00	13:00	12:00	22:00	15:00	12:00	12:00	13:00		12:00	16:00	
Vol.	7	772	117	3	24	5	1	15	2	3	1		1	75	

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Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/15/16	0	20	1	0	0	0	0	0	0	0	0	0	0	0	21
01:00	0	13	5	0	2	0	0	0	0	0	0	0	0	0	20
02:00	0	15	3	0	1	0	0	0	0	0	0	0	0	0	19
03:00	0	25	3	0	2	0	0	0	0	0	0	0	0	0	30
04:00	0	49	13	0	3	1	0	0	1	0	0	0	0	0	67
05:00	2	214	32	1	11	1	0	2	1	0	0	0	0	4	268
06:00	1	562	70	3	12	7	0	8	0	0	0	0	0	14	677
07:00	4	704	87	3	18	4	0	10	2	0	0	0	0	27	859
08:00	1	550	98	2	23	6	0	10	2	1	0	0	0	13	706
09:00	2	501	100	1	14	1	0	7	3	0	0	0	0	8	637
10:00	3	578	115	4	20	4	0	6	3	0	0	0	0	16	749
11:00	1	766	94	3	17	0	0	17	3	0	0	0	0	23	924
12 PM	0	724	120	1	14	1	0	7	1	1	1	0	0	23	893
13:00	2	646	130	2	18	3	0	12	1	1	1	0	0	17	833
14:00	1	695	118	0	17	5	0	7	1	0	1	0	0	19	864
15:00	3	785	111	1	19	1	0	5	1	2	0	0	0	23	951
16:00	5	829	106	2	12	2	0	14	1	1	2	0	1	31	1006
17:00	2	694	81	3	12	2	0	7	0	0	0	0	0	19	820
18:00	4	548	76	0	5	1	0	9	0	0	0	0	0	18	661
19:00	0	453	54	0	11	1	0	2	0	0	0	0	1	11	533
20:00	2	366	43	1	7	0	0	1	1	0	0	0	0	3	424
21:00	0	191	23	0	2	0	0	0	0	0	0	0	0	1	217
22:00	0	102	10	0	0	0	0	0	0	0	0	0	0	0	112
23:00	0	50	3	0	0	0	0	0	0	0	0	0	0	1	54
Total	33	10080	1496	27	240	40	0	124	21	6	5	0	2	271	12345
Percent	0.3%	81.7%	12.1%	0.2%	1.9%	0.3%	0.0%	1.0%	0.2%	0.0%	0.0%	0.0%	0.0%	2.2%	
AM Peak	07:00	11:00	10:00	10:00	08:00	06:00		11:00	09:00	08:00				07:00	
Vol.	4	766	115	4	23	7		17	3	1				27	
PM Peak	16:00	16:00	13:00	17:00	15:00	14:00		16:00	12:00	15:00	16:00		16:00	16:00	
Vol.	5	829	130	3	19	5		14	1	2	2		1	31	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
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311 Class  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/16/16	0	19	4	0	0	0	0	0	1	0	0	0	0	0	24
01:00	0	17	4	0	1	0	0	0	0	0	0	0	0	0	22
02:00	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
03:00	0	22	2	0	1	0	0	0	1	0	0	0	0	2	28
04:00	0	52	15	0	1	0	0	0	0	0	0	0	0	1	69
05:00	0	206	36	3	9	0	0	2	0	0	0	0	0	6	262
06:00	0	541	86	2	19	2	0	7	0	0	0	0	0	16	673
07:00	1	658	92	2	16	4	1	10	0	2	0	0	0	25	811
08:00	2	217	40	1	8	0	0	2	2	0	0	0	0	379	651
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	3	1738	282	8	55	6	1	21	4	2	0	0	0	429	2549
Percent	0.1%	68.2%	11.1%	0.3%	2.2%	0.2%	0.0%	0.8%	0.2%	0.1%	0.0%	0.0%	0.0%	16.8%	
AM Peak	08:00	07:00	07:00	05:00	06:00	07:00	07:00	07:00	08:00	07:00				08:00	
Vol.	2	658	92	3	19	4	1	10	2	2				379	
PM Peak															
Vol.															
Grand Total	472	129780	20538	423	3526	381	18	1468	169	108	58	18	31	3967	160957
Percent	0.3%	80.6%	12.8%	0.3%	2.2%	0.2%	0.0%	0.9%	0.1%	0.1%	0.0%	0.0%	0.0%	2.5%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/02/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	183	336	198	<b>90</b>	18	<b>5</b>	1	0	0	0	0	0	0	0	831	31-40	276
13:00	141	309	<b>296</b>	79	15	4	0	0	0	0	0	0	0	0	844	34-43	294
14:00	104	317	231	76	<b>24</b>	2	0	0	0	0	0	0	0	0	754	32-41	282
15:00	120	328	285	85	12	3	0	0	0	0	0	0	0	0	833	34-43	306
16:00	236	<b>536</b>	276	58	13	0	0	0	0	0	0	0	0	0	1119	31-40	414
17:00	<b>312</b>	479	252	78	10	0	0	0	0	0	0	0	0	0	<b>1131</b>	30-39	369
18:00	149	304	212	72	13	1	0	<b>1</b>	0	0	0	0	0	0	752	32-41	256
19:00	80	234	185	72	8	4	0	0	0	0	0	0	0	0	583	33-42	214
20:00	85	212	165	67	11	1	0	0	0	0	0	0	0	0	541	33-42	190
21:00	81	119	90	44	6	0	0	0	0	0	0	0	0	0	340	31-40	102
22:00	15	51	47	31	5	1	0	0	0	0	0	0	0	0	150	34-43	54
23:00	9	28	31	20	8	3	<b>2</b>	0	0	0	0	0	0	0	101	37-46	34
Total	1515	3253	2268	772	143	24	3	1	0	0	0	0	0	0	7979		
Percent	19.0%	40.8%	28.4%	9.7%	1.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	17:00	16:00	13:00	12:00	14:00	12:00	23:00	18:00							17:00		
	312	536	296	90	24	5	2	1							1131		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
06/03/16	3	14	18	10	3	0	0	0	0	0	0	0	0	0	48	37-46	19
01:00	3	9	9	5	2	0	0	0	0	0	0	0	0	0	28	33-42	10
02:00	1	3	8	3	1	0	0	0	0	0	0	0	0	0	16	38-47	8
03:00	2	6	3	6	0	0	0	0	0	0	0	0	0	0	17	30-39	6
04:00	4	6	16	7	0	1	0	0	0	0	0	0	0	0	34	39-48	14
05:00	6	26	65	47	9	1	0	0	0	0	0	0	0	0	154	40-49	77
06:00	19	77	141	73	16	1	1	0	0	0	0	0	0	0	328	38-47	143
07:00	65	232	228	100	32	5	0	0	0	0	0	0	0	0	662	35-44	248
08:00	114	300	229	88	18	3	0	0	0	0	0	0	0	0	752	32-41	269
09:00	133	286	202	60	13	3	0	1	0	0	0	0	0	0	698	31-40	242
10:00	137	305	194	56	8	4	0	0	0	0	0	0	0	0	704	31-40	250
11:00	173	321	195	73	10	1	0	0	0	0	0	0	0	0	773	31-40	260
12 PM	222	382	223	58	17	1	0	0	0	0	0	0	0	0	903	31-40	301
13:00	150	386	185	62	16	1	0	0	0	0	0	0	0	0	800	31-40	303
14:00	127	312	199	103	17	3	1	0	0	0	0	0	0	0	762	32-41	268
15:00	149	354	263	82	16	2	0	0	0	0	0	0	0	0	866	32-41	307
16:00	219	467	318	78	15	0	0	0	0	0	0	0	0	0	1097	32-41	385
17:00	399	457	218	58	7	0	0	0	0	0	0	0	0	0	1139	29-38	344
18:00	108	306	212	74	25	1	0	0	0	0	0	0	0	0	726	32-41	267
19:00	93	205	186	68	19	2	2	0	0	0	0	0	0	0	575	34-43	195
20:00	59	181	154	53	11	1	1	0	0	0	0	0	0	0	460	34-43	171
21:00	72	154	98	27	6	0	0	0	1	0	0	0	0	0	358	31-40	126
22:00	36	86	71	35	8	2	0	0	0	0	0	0	0	0	238	33-42	81
23:00	16	30	52	29	5	1	0	0	0	0	0	0	0	0	133	38-47	49
<b>Total</b>	2310	4905	3487	1255	274	33	5	1	1	0	0	0	0	0	12271		
<b>Percent</b>	18.8%	40.0%	28.4%	10.2%	2.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	11:00	11:00	08:00	07:00	07:00	07:00	06:00	09:00							11:00		
<b>Vol.</b>	173	321	229	100	32	5	1	1							773		
<b>PM Peak</b>	17:00	16:00	16:00	14:00	18:00	14:00	19:00		21:00						17:00		
<b>Vol.</b>	399	467	318	103	25	3	2		1						1139		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/04/16	5	20	24	5	3	0	0	0	0	0	0	0	0	0	57	36-45	23
01:00	7	12	9	9	3	0	0	0	0	0	0	0	0	0	40	34-43	11
02:00	4	7	13	5	2	0	0	0	0	0	0	0	0	0	31	39-48	11
03:00	3	8	7	6	2	0	0	0	0	0	0	0	0	0	26	37-46	8
04:00	2	5	8	7	1	0	0	0	0	0	0	0	0	0	23	40-49	9
05:00	2	11	34	22	6	1	1	0	0	0	0	0	0	0	77	40-49	41
06:00	15	46	69	45	12	2	2	0	0	0	0	0	0	0	191	39-48	72
07:00	38	110	124	50	13	2	0	0	0	0	0	0	0	0	337	35-44	124
08:00	65	163	156	84	20	4	0	0	0	0	0	0	0	0	492	34-43	167
09:00	118	252	176	89	12	3	0	0	0	0	0	0	0	0	650	31-40	219
10:00	109	220	227	103	12	5	0	0	0	0	0	0	0	0	676	35-44	224
11:00	121	272	271	112	17	1	0	0	1	0	0	0	0	0	795	35-44	272
12 PM	120	239	233	116	24	2	0	0	0	0	0	0	0	0	734	34-43	238
13:00	85	239	229	122	41	3	1	0	0	0	0	0	0	0	720	34-43	250
14:00	113	227	226	128	34	6	0	0	0	0	0	0	0	0	734	35-44	233
15:00	113	236	220	102	28	4	0	0	0	0	0	0	0	0	703	34-43	230
16:00	97	225	202	116	18	2	0	0	0	0	0	0	0	0	660	34-43	220
17:00	102	233	177	77	16	2	0	0	0	0	0	0	0	0	607	32-41	208
18:00	87	198	159	69	16	5	0	0	0	0	0	0	0	0	534	32-41	181
19:00	71	183	145	58	13	3	0	1	1	0	0	0	0	0	475	33-42	167
20:00	71	143	128	32	10	0	0	0	0	0	0	0	0	0	384	33-42	130
21:00	61	125	83	36	8	0	0	0	0	0	0	0	0	0	313	31-40	106
22:00	25	71	57	17	1	2	0	0	0	0	0	0	0	0	173	33-42	64
23:00	31	46	38	18	3	0	0	0	0	0	0	0	0	0	136	32-41	41
<b>Total</b>	1465	3291	3015	1428	315	47	4	1	2	0	0	0	0	0	9568		
Percent	15.3%	34.4%	31.5%	14.9%	3.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	11:00	08:00	10:00	06:00		11:00						11:00		
Vol.	121	272	271	112	20	5	2		1						795		
PM Peak	12:00	12:00	12:00	14:00	13:00	14:00	13:00	19:00	19:00						12:00		
Vol.	120	239	233	128	41	6	1	1	1						734		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/06/16	8	10	14	10	1	0	0	0	0	0	0	0	0	0	43	36-45	13
01:00	3	3	7	4	0	0	1	0	0	0	0	0	0	0	18	40-49	6
02:00	2	3	5	1	0	0	0	0	0	0	0	0	0	0	11	34-43	4
03:00	2	3	4	7	0	0	0	0	0	0	0	0	0	0	16	42-51	6
04:00	1	4	14	10	4	2	0	0	0	0	0	0	0	0	35	40-49	18
05:00	4	24	52	52	22	2	1	0	0	0	0	0	0	0	157	41-50	75
06:00	7	50	161	102	<b>32</b>	<b>7</b>	2	0	0	0	0	0	0	0	361	40-49	194
07:00	59	235	263	137	28	4	0	0	0	0	0	0	0	0	726	36-45	279
08:00	70	244	<b>273</b>	<b>151</b>	30	7	2	0	0	0	0	0	0	0	<b>777</b>	36-45	288
09:00	62	201	235	80	18	6	<b>4</b>	0	0	0	0	0	0	0	606	35-44	232
10:00	93	239	265	91	21	3	1	0	0	0	0	0	0	0	713	35-44	259
11:00	<b>104</b>	<b>275</b>	247	108	16	7	0	0	0	0	0	0	0	0	757	34-43	267
12 PM	173	364	250	89	20	1	0	0	0	0	0	0	0	0	897	31-40	308
13:00	85	311	299	99	21	<b>4</b>	0	0	0	0	0	0	0	0	819	34-43	318
14:00	140	305	260	85	20	1	0	0	0	0	0	0	0	0	811	33-42	277
15:00	125	344	273	<b>120</b>	18	4	0	0	0	0	0	0	0	0	884	33-42	317
16:00	228	448	<b>337</b>	97	22	3	1	0	0	0	0	0	0	0	<b>1136</b>	32-41	382
17:00	<b>235</b>	<b>470</b>	300	86	18	1	<b>2</b>	0	0	0	0	0	0	0	1112	31-40	384
18:00	117	283	214	90	<b>24</b>	4	0	0	0	0	0	0	0	0	732	32-41	254
19:00	70	271	184	61	9	0	1	0	0	0	0	0	0	0	596	32-41	238
20:00	78	193	122	61	8	2	0	0	0	0	0	0	0	0	464	31-40	165
21:00	38	115	96	31	5	0	0	0	0	0	0	0	0	0	285	33-42	107
22:00	25	62	48	22	3	0	0	0	0	0	0	0	0	0	160	32-41	56
23:00	9	28	31	20	10	0	0	0	0	0	0	0	0	0	98	35-44	34
Total	1738	4485	3954	1614	350	58	15	0	0	0	0	0	0	0	12214		
Percent	14.2%	36.7%	32.4%	13.2%	2.9%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	08:00	08:00	06:00	06:00	09:00								08:00		
Vol.	104	275	273	151	32	7	4								777		
PM Peak	17:00	17:00	16:00	15:00	18:00	13:00	17:00								16:00		
Vol.	235	470	337	120	24	4	2								1136		





# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
06/08/16	4	10	19	7	4	3	0	0	0	0	0	0	0	0	47	36-45	18
01:00	5	4	13	3	0	0	0	0	0	0	0	0	0	0	25	39-48	9
02:00	1	1	5	4	2	1	0	0	0	0	0	0	0	0	14	42-51	6
03:00	4	3	5	4	1	0	0	1	1	0	0	1	0	0	20	37-46	5
04:00	4	2	15	8	1	0	0	0	0	0	0	0	0	0	30	40-49	14
05:00	4	12	50	65	15	3	0	0	0	0	0	0	0	0	149	42-51	87
06:00	24	74	114	100	28	5	1	0	0	0	0	0	0	0	346	40-49	135
07:00	52	216	299	115	24	2	1	0	0	0	0	0	0	0	709	36-45	294
08:00	68	276	258	96	32	1	1	0	0	0	0	0	0	0	732	34-43	285
09:00	144	274	186	51	11	2	0	0	0	0	0	0	0	0	668	31-40	226
10:00	120	301	179	62	14	3	0	0	0	0	0	0	0	0	679	31-40	248
11:00	87	326	237	89	16	3	1	0	0	0	0	0	0	0	759	33-42	295
12 PM	156	408	259	74	12	2	1	0	0	0	0	0	0	0	912	32-41	338
13:00	113	301	261	88	18	2	2	0	0	0	0	0	0	0	785	34-43	283
14:00	126	297	202	77	16	4	0	0	0	0	0	0	0	0	722	32-41	254
15:00	154	310	263	108	26	3	0	0	1	0	0	0	0	0	865	33-42	284
16:00	206	452	304	102	17	2	1	1	0	0	0	0	0	0	1085	31-40	379
17:00	210	414	330	90	23	1	0	0	0	0	0	0	0	0	1068	32-41	359
18:00	106	282	274	101	25	2	1	0	0	0	0	0	0	0	791	34-43	284
19:00	64	184	176	87	18	2	1	1	0	0	0	0	0	0	533	35-44	189
20:00	70	207	154	61	13	2	0	0	0	0	0	0	0	0	507	33-42	186
21:00	42	131	87	41	10	3	0	0	0	0	0	0	0	0	314	32-41	116
22:00	31	52	52	26	3	0	0	0	0	0	0	0	0	0	164	34-43	51
23:00	12	37	24	16	5	0	0	0	0	0	0	0	0	0	94	31-40	34
<b>Total</b>	<b>1807</b>	<b>4574</b>	<b>3766</b>	<b>1475</b>	<b>334</b>	<b>46</b>	<b>10</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12018</b>		
<b>Percent</b>	<b>15.0%</b>	<b>38.1%</b>	<b>31.3%</b>	<b>12.3%</b>	<b>2.8%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>09:00</b>	<b>11:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>06:00</b>	<b>06:00</b>	<b>07:00</b>	<b>03:00</b>	<b>03:00</b>							
<b>Vol.</b>	<b>144</b>	<b>326</b>	<b>299</b>	<b>115</b>	<b>32</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>			<b>759</b>		
<b>PM Peak</b>	<b>17:00</b>	<b>16:00</b>	<b>17:00</b>	<b>15:00</b>	<b>15:00</b>	<b>14:00</b>	<b>13:00</b>	<b>16:00</b>	<b>15:00</b>						<b>16:00</b>		
<b>Vol.</b>	<b>210</b>	<b>452</b>	<b>330</b>	<b>108</b>	<b>26</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>						<b>1085</b>		





# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
06/11/16	9	24	27	14	4	0	0	0	0	0	0	0	0	0	78	37-46	27
01:00	5	9	16	6	4	0	0	1	0	0	0	0	0	0	41	38-47	14
02:00	1	5	15	8	1	0	0	0	1	0	1	0	0	0	32	40-49	16
03:00	3	6	8	5	1	0	1	0	0	0	0	0	0	0	24	35-44	8
04:00	4	8	8	8	2	1	0	0	0	0	0	0	0	0	31	40-49	9
05:00	3	8	17	22	7	2	1	0	0	0	0	0	0	0	60	41-50	27
06:00	10	30	41	26	9	2	0	0	0	0	0	0	0	0	118	37-46	43
07:00	21	62	83	52	15	3	0	0	0	0	0	0	0	0	236	37-46	86
08:00	57	132	139	67	15	1	0	0	0	0	0	0	0	0	411	35-44	140
09:00	69	194	195	80	<b>25</b>	<b>6</b>	0	0	0	0	0	0	0	0	569	35-44	204
10:00	67	236	194	<b>124</b>	25	2	1	0	0	0	0	0	0	0	649	34-43	234
11:00	<b>77</b>	<b>246</b>	<b>242</b>	102	16	6	0	0	0	0	0	0	0	0	<b>689</b>	34-43	256
12 PM	<b>110</b>	218	<b>242</b>	115	28	8	<b>2</b>	<b>1</b>	0	0	0	0	0	0	<b>724</b>	35-44	236
13:00	100	<b>232</b>	241	107	27	8	0	0	0	0	0	0	0	0	715	35-44	244
14:00	60	206	226	102	37	11	1	0	0	0	0	0	0	0	643	35-44	238
15:00	81	199	196	<b>122</b>	<b>42</b>	6	2	0	0	0	0	0	0	0	648	35-44	213
16:00	73	218	193	117	32	<b>13</b>	0	0	0	0	0	0	0	0	646	34-43	223
17:00	56	162	174	101	21	8	0	0	<b>1</b>	0	0	0	0	0	523	35-44	184
18:00	73	200	178	87	24	3	0	0	0	0	0	0	0	0	565	34-43	198
19:00	50	167	159	88	15	6	1	0	1	0	0	0	0	0	487	35-44	176
20:00	50	158	132	60	7	3	0	0	0	0	0	0	0	0	410	33-42	151
21:00	67	170	134	50	1	0	0	0	0	0	0	0	0	0	422	33-42	151
22:00	37	62	82	33	8	2	0	0	0	0	0	0	0	0	224	36-45	73
23:00	10	50	37	22	5	2	0	0	0	0	0	0	0	0	126	32-41	49
<b>Total</b>	<b>1093</b>	<b>3002</b>	<b>2979</b>	<b>1518</b>	<b>371</b>	<b>93</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9071</b>		
<b>Percent</b>	<b>12.0%</b>	<b>33.1%</b>	<b>32.8%</b>	<b>16.7%</b>	<b>4.1%</b>	<b>1.0%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	11:00	11:00	11:00	10:00	09:00	09:00	03:00	01:00	02:00						11:00		
Vol.	77	246	242	124	25	6	1	1	1		1				689		
PM Peak	12:00	13:00	12:00	15:00	15:00	16:00	12:00	12:00	17:00						12:00		
Vol.	110	232	242	122	42	13	2	1	1						724		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/12/16	9	17	29	16	3	0	0	0	0	0	0	0	0	0	74	38-47	27
01:00	4	8	16	12	3	0	0	0	0	0	0	0	0	0	43	40-49	17
02:00	1	4	14	6	3	0	0	0	0	0	0	0	0	0	28	39-48	15
03:00	2	3	12	5	2	0	0	0	0	0	0	0	0	0	24	40-49	11
04:00	2	9	12	4	1	1	0	0	0	0	0	0	0	0	29	34-43	12
05:00	1	7	15	11	6	0	1	0	0	0	0	0	0	0	41	40-49	19
06:00	7	13	31	20	8	1	0	0	0	0	0	0	0	0	80	40-49	33
07:00	9	48	61	41	21	2	0	0	0	0	0	0	0	0	182	38-47	69
08:00	22	58	91	72	24	1	2	0	0	0	0	0	0	0	270	39-48	102
09:00	42	163	161	84	18	3	0	0	0	0	0	0	0	0	471	35-44	178
10:00	43	159	183	132	29	1	0	0	0	0	0	0	0	0	547	37-46	201
11:00	73	217	212	118	28	4	3	0	0	0	0	0	0	0	655	35-44	231
12 PM	92	275	207	100	25	2	3	0	0	0	0	0	0	0	704	32-41	254
13:00	67	224	199	121	38	7	1	0	0	0	0	0	0	0	657	34-43	232
14:00	94	171	197	132	21	7	1	1	0	0	0	0	0	0	624	36-45	195
15:00	86	251	205	128	25	5	0	0	0	0	0	0	0	0	700	33-42	244
16:00	78	200	202	119	33	10	0	0	0	0	0	0	0	0	642	35-44	216
17:00	53	206	189	119	25	6	0	0	0	0	0	0	0	0	598	34-43	219
18:00	50	185	168	102	24	4	0	0	0	0	0	0	0	0	533	34-43	194
19:00	44	151	139	92	19	1	0	0	0	0	0	0	0	0	446	35-44	159
20:00	55	158	152	61	17	1	1	0	0	0	0	0	0	0	445	34-43	161
21:00	53	117	95	30	11	2	1	0	0	0	0	0	0	0	309	33-42	105
22:00	22	42	45	19	7	0	1	0	0	0	0	0	0	0	136	34-43	44
23:00	11	16	35	19	6	3	0	0	0	0	0	0	0	0	90	39-48	33
<b>Total</b>	<b>920</b>	<b>2702</b>	<b>2670</b>	<b>1563</b>	<b>397</b>	<b>61</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8328</b>		
Percent	11.0%	32.4%	32.1%	18.8%	4.8%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	10:00	10:00	11:00	11:00								11:00		
Vol.	73	217	212	132	29	4	3								655		
PM Peak	14:00	12:00	12:00	14:00	13:00	16:00	12:00	14:00							12:00		
Vol.	94	275	207	132	38	10	3	1							704		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/13/16	4	11	19	5	3	1	0	0	0	0	0	0	0	0	43	37-46	17
01:00	3	6	10	7	3	2	1	0	0	0	0	0	0	0	32	38-47	11
02:00	3	3	4	2	3	0	0	0	0	0	0	0	0	0	15	34-43	4
03:00	3	2	3	2	2	2	0	0	0	0	0	0	0	0	14	19-28	3
04:00	0	11	13	8	1	0	0	0	0	0	0	0	0	0	33	38-47	15
05:00	1	16	41	54	14	3	0	0	0	0	0	0	0	0	129	42-51	72
06:00	21	49	122	118	26	4	2	0	0	0	0	0	0	0	342	41-50	159
07:00	29	191	236	140	35	4	2	0	0	0	0	0	0	0	637	37-46	261
08:00	46	<b>263</b>	<b>250</b>	124	18	2	2	0	0	0	0	0	0	0	705	35-44	286
09:00	102	243	194	84	23	3	0	0	0	0	0	0	0	0	649	33-42	222
10:00	99	244	226	92	24	2	0	0	0	0	0	0	0	0	687	34-43	239
11:00	<b>103</b>	262	229	82	25	4	1	1	0	0	0	0	0	0	<b>707</b>	34-43	249
12 PM	171	378	265	92	17	1	2	0	0	0	0	0	0	0	926	32-41	322
13:00	108	326	249	90	20	2	1	0	0	0	0	0	0	0	796	33-42	295
14:00	120	275	239	90	<b>26</b>	1	1	0	0	0	0	0	0	0	752	34-43	257
15:00	112	282	242	<b>115</b>	19	<b>6</b>	0	0	0	0	0	0	0	0	776	34-43	268
16:00	<b>184</b>	<b>455</b>	321	107	13	6	0	0	0	0	0	0	0	0	<b>1086</b>	32-41	390
17:00	153	446	<b>339</b>	112	19	1	0	0	0	0	0	0	0	0	1070	33-42	398
18:00	114	302	244	79	15	2	0	0	0	0	0	0	0	0	756	33-42	273
19:00	82	248	167	67	10	3	0	0	0	0	0	0	0	0	577	32-41	216
20:00	70	164	121	58	7	2	0	0	0	0	0	0	0	0	422	32-41	146
21:00	40	109	75	47	3	0	0	0	0	0	0	0	0	0	274	32-41	97
22:00	15	52	47	33	5	0	0	0	0	0	0	0	0	0	152	35-44	54
23:00	13	20	24	25	5	3	0	0	0	0	0	0	0	0	90	40-49	27
<b>Total</b>	<b>1596</b>	<b>4358</b>	<b>3680</b>	<b>1633</b>	<b>336</b>	<b>54</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11670</b>		
Percent	13.7%	37.3%	31.5%	14.0%	2.9%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	08:00	08:00	07:00	07:00	06:00	06:00	11:00								11:00	
Vol.	103	263	250	140	35	4	2	1							707		
PM Peak	16:00	16:00	17:00	15:00	14:00	15:00	12:00								16:00		
Vol.	184	455	339	115	26	6	2								1086		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/14/16	4	6	22	11	5	0	0	0	0	0	0	0	0	0	48	39-48	22
01:00	1	3	5	5	1	0	0	0	1	0	0	0	0	0	16	42-51	6
02:00	2	4	1	1	1	0	0	0	0	0	0	0	0	0	9	31-40	3
03:00	2	7	5	5	0	0	0	0	0	0	0	0	0	0	19	30-39	7
04:00	1	3	16	10	2	0	0	0	0	0	0	0	0	0	32	41-50	19
05:00	4	16	47	54	11	1	0	0	0	0	0	0	0	0	133	41-50	73
06:00	12	50	100	99	30	7	3	0	0	0	0	0	0	0	301	40-49	136
07:00	28	208	235	120	40	9	0	0	0	0	0	0	0	0	640	36-45	263
08:00	89	211	238	121	31	6	0	0	0	0	0	0	0	0	696	35-44	238
09:00	73	273	216	75	18	3	0	1	0	0	0	0	0	0	659	33-42	255
10:00	83	243	241	89	14	1	0	0	0	0	0	0	0	0	671	35-44	248
11:00	122	257	226	99	19	4	0	0	0	0	0	0	0	0	727	33-42	241
12 PM	117	352	261	103	15	6	0	0	0	0	0	0	0	0	854	32-41	316
13:00	149	311	261	108	14	1	1	0	0	0	0	0	0	0	845	33-42	282
14:00	105	287	218	102	24	3	0	0	0	0	0	0	0	0	739	33-42	262
15:00	101	250	254	116	22	4	1	0	0	0	0	0	0	0	748	35-44	260
16:00	206	360	311	114	25	1	1	0	0	0	0	0	0	0	1018	33-42	323
17:00	200	498	328	103	21	1	0	0	0	0	0	0	0	0	1151	31-40	418
18:00	96	268	259	118	23	3	0	0	0	0	0	0	0	0	767	34-43	274
19:00	71	241	195	72	10	1	0	0	0	0	0	0	0	0	590	33-42	225
20:00	64	180	132	70	12	0	0	0	0	0	0	0	0	0	458	32-41	164
21:00	44	133	103	39	5	2	0	0	0	0	0	0	0	0	326	32-41	121
22:00	34	64	52	31	7	1	0	0	0	0	0	0	0	0	189	33-42	59
23:00	10	17	22	13	5	1	0	0	0	0	0	0	0	0	68	37-46	21
<b>Total</b>	<b>1618</b>	<b>4242</b>	<b>3748</b>	<b>1678</b>	<b>355</b>	<b>55</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11704</b>		
<b>Percent</b>	<b>13.8%</b>	<b>36.2%</b>	<b>32.0%</b>	<b>14.3%</b>	<b>3.0%</b>	<b>0.5%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	11:00	09:00	10:00	08:00	07:00	07:00	06:00	10:00	09:00	01:00							
Vol.	122	273	241	121	40	9	3	1	1						727		
PM Peak	16:00	17:00	17:00	18:00	16:00	12:00	13:00								17:00		
Vol.	206	498	328	118	25	6	1								1151		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

310 Speed  
Count 3  
Crooked Hill and Progress

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/15/16	4	12	13	7	0	1	0	0	0	0	0	0	0	0	37	37-46	13
01:00	3	7	8	2	0	0	0	0	0	0	0	0	0	0	20	37-46	7
02:00	1	4	5	2	3	0	0	0	0	0	0	0	0	0	15	38-47	5
03:00	6	3	5	4	2	0	1	0	0	0	0	0	0	0	21	19-28	5
04:00	1	6	13	8	1	0	0	0	0	0	0	0	0	0	29	40-49	14
05:00	0	14	38	61	14	0	0	0	0	0	0	0	0	0	127	42-51	78
06:00	17	61	132	<b>114</b>	<b>32</b>	<b>3</b>	1	0	0	0	0	0	0	0	360	40-49	165
07:00	57	250	231	102	30	3	0	0	0	0	0	0	0	0	673	34-43	262
08:00	101	262	243	104	22	3	1	0	0	0	0	0	0	0	736	34-43	259
09:00	69	240	231	76	15	3	0	0	0	0	0	0	0	0	634	34-43	244
10:00	90	275	227	75	11	1	0	0	0	0	0	0	0	0	679	34-43	254
11:00	<b>135</b>	<b>283</b>	<b>261</b>	72	17	2	<b>2</b>	0	0	0	0	0	0	0	<b>772</b>	34-43	264
12 PM	145	397	227	65	9	1	0	0	0	0	0	0	0	0	844	31-40	322
13:00	169	337	230	69	18	2	0	0	0	0	0	0	0	0	825	31-40	281
14:00	131	292	248	92	17	3	0	0	0	0	0	0	0	0	783	34-43	267
15:00	167	331	265	114	10	<b>5</b>	0	0	0	0	0	0	0	0	892	32-41	294
16:00	175	393	<b>360</b>	<b>120</b>	<b>27</b>	2	0	0	0	0	0	0	0	0	1077	34-43	372
17:00	<b>222</b>	<b>505</b>	311	88	10	2	<b>2</b>	0	0	0	0	0	0	0	<b>1140</b>	31-40	411
18:00	101	303	216	84	24	3	0	0	0	0	0	0	0	0	731	32-41	270
19:00	72	214	157	83	11	0	1	0	0	0	0	0	0	0	538	32-41	195
20:00	76	174	165	69	13	0	1	0	0	0	0	0	0	0	498	34-43	171
21:00	65	142	102	29	7	0	0	0	0	0	0	0	0	0	345	32-41	120
22:00	21	56	56	21	6	0	0	0	0	0	0	0	0	0	160	35-44	57
23:00	15	16	31	24	6	0	0	0	0	0	0	0	0	0	92	40-49	30
Total	1843	4577	3775	1485	305	34	9	0	0	0	0	0	0	0	12028		
Percent	15.3%	38.1%	31.4%	12.3%	2.5%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	06:00	06:00	06:00	11:00								11:00		
Vol.	135	283	261	114	32	3	2								772		
PM Peak	17:00	17:00	16:00	16:00	16:00	15:00	17:00								17:00		
Vol.	222	505	360	120	27	5	2								1140		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/02/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	156	375	<b>238</b>	<b>61</b>	7	<b>2</b>	1	0	0	0	0	0	0	0	840	31-40	307
13:00	173	401	214	58	5	2	0	0	0	0	0	0	0	0	853	31-40	315
14:00	233	445	230	43	5	0	1	0	0	0	0	0	0	0	957	31-40	338
15:00	244	<b>506</b>	206	36	1	0	0	0	0	0	0	0	0	0	993	30-39	369
16:00	476	372	150	33	7	0	0	0	0	0	0	0	0	0	<b>1038</b>	17-26	322
17:00	<b>572</b>	244	80	13	2	0	0	0	0	0	0	0	0	0	911	15-24	328
18:00	144	307	189	40	6	1	0	0	0	0	0	0	0	0	687	31-40	246
19:00	141	296	149	35	<b>11</b>	1	1	0	0	0	0	0	0	0	634	31-40	229
20:00	95	210	94	28	7	2	<b>2</b>	0	0	0	0	0	0	0	438	30-39	161
21:00	33	75	63	17	8	0	0	0	0	0	0	0	0	0	196	32-41	68
22:00	15	38	38	7	2	0	1	0	0	0	0	0	0	0	101	35-44	37
23:00	15	22	26	11	1	0	0	0	0	0	0	0	0	0	75	35-44	23
<b>Total</b>	<b>2297</b>	<b>3291</b>	<b>1677</b>	<b>382</b>	<b>62</b>	<b>8</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7723</b>		
Percent	29.7%	42.6%	21.7%	4.9%	0.8%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	17:00	15:00	12:00	12:00	19:00	12:00	20:00								16:00		
	572	506	238	61	11	2	2								1038		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/03/16	4	10	10	7	2	0	0	0	0	0	0	0	0	0	33	33-42	11
01:00	2	0	7	1	1	0	0	0	0	0	0	0	0	0	11	39-48	5
02:00	3	3	2	5	0	0	0	0	0	0	0	0	0	0	13	43-52	3
03:00	2	8	11	9	1	0	0	1	0	0	0	0	0	0	32	38-47	13
04:00	10	30	14	17	8	0	0	0	0	0	0	0	0	0	79	32-41	27
05:00	32	107	96	46	<b>12</b>	2	0	0	0	0	0	0	0	0	295	34-43	108
06:00	90	271	200	<b>68</b>	11	1	<b>1</b>	0	0	0	0	0	0	0	642	33-42	240
07:00	205	415	208	63	9	<b>4</b>	0	1	0	0	0	0	0	0	905	31-40	321
08:00	164	329	209	49	12	1	0	0	0	0	0	0	0	0	764	31-40	266
09:00	174	347	196	48	7	1	0	0	0	0	0	0	0	0	773	31-40	272
10:00	163	369	197	58	7	1	0	0	0	0	0	0	0	0	795	31-40	291
11:00	<b>258</b>	<b>433</b>	<b>210</b>	39	4	0	0	0	0	0	0	0	0	0	<b>944</b>	30-39	324
12 PM	<b>234</b>	476	194	30	6	1	0	0	0	0	0	0	0	0	941	30-39	348
13:00	144	391	248	56	5	0	0	0	0	0	0	0	0	0	844	32-41	320
14:00	185	467	<b>264</b>	50	1	0	<b>1</b>	0	0	0	0	0	0	0	968	31-40	368
15:00	203	<b>490</b>	233	57	7	<b>2</b>	0	0	0	0	0	0	0	0	<b>992</b>	31-40	375
16:00	231	468	215	31	<b>9</b>	0	0	0	0	0	0	0	0	0	954	30-39	348
17:00	141	411	171	<b>61</b>	6	2	0	0	0	0	0	0	0	0	792	31-40	315
18:00	117	356	154	38	3	2	0	0	0	0	0	0	0	0	670	31-40	272
19:00	126	273	152	43	1	2	1	0	0	0	0	0	0	0	598	31-40	216
20:00	116	224	102	15	2	0	0	0	0	0	0	0	0	0	459	30-39	166
21:00	46	121	93	36	6	0	0	0	0	0	0	0	0	0	302	33-42	108
22:00	22	55	69	15	7	2	0	0	0	0	0	0	0	0	170	36-45	63
23:00	10	29	24	14	3	2	0	0	0	0	0	0	0	0	82	35-44	28
Total	2682	6083	3279	856	130	23	3	2	0	0	0	0	0	0	13058		
Percent	20.5%	46.6%	25.1%	6.6%	1.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	06:00	05:00	07:00	06:00	03:00								11:00	
Vol.	258	433	210	68	12	4	1	1							944		
PM Peak	12:00	15:00	14:00	17:00	16:00	15:00	14:00									15:00	
Vol.	234	490	264	61	9	2	1								992		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/04/16	8	10	14	8	2	1	1	0	0	0	0	0	0	0	44	36-45	13
01:00	3	4	8	6	2	0	0	0	1	0	0	0	0	0	24	41-50	8
02:00	2	7	5	2	3	0	0	0	0	0	0	0	0	0	19	30-39	7
03:00	2	8	5	4	1	0	0	0	0	0	0	0	0	0	20	35-44	7
04:00	7	11	14	6	3	2	0	0	0	0	0	0	0	0	43	36-45	13
05:00	11	33	29	27	8	1	0	0	0	0	0	0	0	0	109	36-45	35
06:00	35	86	54	36	8	2	0	0	0	0	0	0	0	0	221	31-40	76
07:00	63	163	96	40	4	2	1	0	0	0	0	0	0	0	369	31-40	135
08:00	123	270	173	43	10	1	0	0	0	0	0	0	0	0	620	31-40	221
09:00	126	327	216	49	3	0	0	0	0	0	0	0	0	0	721	32-41	270
10:00	129	385	229	45	3	2	0	0	0	0	0	0	0	0	793	31-40	311
11:00	197	403	190	43	5	1	0	0	0	0	0	0	0	0	839	30-39	304
12 PM	161	373	241	53	6	2	0	0	0	0	0	0	0	0	836	31-40	304
13:00	106	374	203	50	6	2	1	0	0	0	0	0	0	0	742	31-40	303
14:00	140	405	188	39	8	4	1	0	0	0	0	0	0	0	785	31-40	312
15:00	163	359	187	40	9	2	0	0	0	0	0	0	0	0	760	31-40	278
16:00	135	308	167	32	1	0	0	0	0	0	0	0	0	0	643	31-40	239
17:00	117	261	172	52	3	0	0	0	0	0	0	0	0	0	605	31-40	215
18:00	121	217	141	33	4	1	0	0	0	0	0	0	0	0	517	31-40	174
19:00	101	222	137	28	4	1	0	0	0	0	0	0	0	0	493	31-40	178
20:00	89	164	96	11	3	1	0	0	0	0	0	0	0	0	364	31-40	127
21:00	60	95	60	16	1	1	0	0	0	0	0	0	0	0	233	31-40	75
22:00	31	79	34	15	3	1	0	0	0	0	0	0	0	0	163	31-40	62
23:00	26	49	43	10	3	0	0	0	0	0	0	0	0	0	131	33-42	44
<b>Total</b>	1956	4613	2702	688	103	27	4	0	1	0	0	0	0	0	10094		
<b>Percent</b>	19.4%	45.7%	26.8%	6.8%	1.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	10:00	09:00	08:00	04:00	00:00		01:00						11:00		
Vol.	197	403	229	49	10	2	1		1						839		
PM Peak	15:00	14:00	12:00	12:00	15:00	14:00	13:00								12:00		
Vol.	163	405	241	53	9	4	1								836		





# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/07/16	5	13	5	3	1	1	0	0	0	0	0	0	0	0	28	32-41	10
01:00	3	4	5	6	1	0	0	0	0	0	0	0	0	0	19	38-47	6
02:00	5	2	4	1	1	0	0	0	0	0	0	0	0	0	13	11-20	4
03:00	4	7	7	6	1	0	0	0	0	0	0	0	0	0	25	39-48	7
04:00	7	22	30	20	7	1	0	0	0	0	0	0	0	0	87	37-46	32
05:00	34	85	96	42	25	2	3	0	0	0	0	0	0	0	287	35-44	98
06:00	82	246	243	105	34	3	0	1	0	0	0	0	0	0	714	34-43	258
07:00	135	397	295	92	19	2	0	0	0	0	0	0	0	0	940	32-41	351
08:00	118	287	233	78	16	2	0	0	0	0	0	0	0	0	734	33-42	259
09:00	114	256	200	72	16	2	0	0	0	0	0	0	0	0	660	32-41	227
10:00	121	350	226	58	2	0	0	0	0	0	0	0	0	0	757	32-41	291
11:00	199	473	236	35	7	0	0	0	0	0	0	0	0	0	950	31-40	360
12 PM	201	389	206	59	2	0	0	0	0	0	0	0	0	0	857	30-39	301
13:00	148	324	262	58	13	4	0	0	0	0	0	0	0	0	809	33-42	282
14:00	230	420	228	64	9	2	1	0	0	0	0	0	0	0	954	31-40	327
15:00	235	478	240	39	6	0	0	0	0	0	0	0	0	0	998	31-40	361
16:00	497	351	135	19	4	0	0	1	0	0	0	0	0	0	1007	17-26	322
17:00	138	450	204	35	4	1	0	0	0	0	0	0	0	0	832	31-40	344
18:00	98	318	167	45	1	1	0	0	0	0	0	0	0	0	630	31-40	254
19:00	101	245	164	41	14	1	0	0	0	0	0	0	0	0	566	31-40	205
20:00	81	209	105	20	3	0	0	0	0	0	0	0	0	0	418	31-40	161
21:00	50	102	65	22	5	1	0	0	0	0	0	0	0	0	245	31-40	84
22:00	13	44	40	22	10	0	1	0	0	0	0	0	0	0	130	34-43	46
23:00	13	19	22	12	3	1	0	0	0	0	0	0	0	0	70	35-44	21
Total	2632	5491	3418	954	204	24	5	2	0	0	0	0	0	0	12730		
Percent	20.7%	43.1%	26.8%	7.5%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	07:00	06:00	06:00	06:00	05:00	06:00							11:00		
Vol.	199	473	295	105	34	3	3	1							950		
PM Peak	16:00	15:00	13:00	14:00	19:00	13:00	14:00	16:00							16:00		
Vol.	497	478	262	64	14	4	1	1							1007		





# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound																	
Start	1	36	41	46	51	56	61	66	71	76	81	86	91	96		Pace	Number
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	Total	Speed	in Pace
06/09/16	10	6	3	7	1	0	0	0	0	0	0	0	0	0	27	13-22	8
01:00	3	1	9	2	0	0	0	0	0	0	0	0	0	0	15	40-49	6
02:00	1	3	6	3	0	1	0	0	0	0	0	0	0	0	14	36-45	6
03:00	6	4	5	8	2	0	0	0	0	0	0	0	0	0	25	43-52	6
04:00	4	23	24	21	4	1	2	0	0	0	0	0	0	0	79	39-48	29
05:00	12	87	82	56	23	2	0	0	0	0	0	0	0	0	262	35-44	101
06:00	72	268	237	110	24	4	1	0	0	0	0	0	0	0	716	34-43	270
07:00	125	373	299	89	21	2	0	0	0	0	0	0	0	0	909	33-42	340
08:00	111	312	218	67	11	1	1	0	0	0	0	0	0	0	721	32-41	269
09:00	99	312	226	63	8	1	0	0	0	0	0	0	0	0	709	32-41	272
10:00	157	407	214	57	6	0	0	0	0	0	0	0	0	0	841	31-40	321
11:00	224	467	220	37	8	1	0	0	0	0	0	0	0	0	957	31-40	350
12 PM	197	419	239	34	5	1	0	1	0	0	0	0	0	0	896	31-40	326
13:00	124	375	228	59	6	1	1	0	0	0	0	0	0	0	794	31-40	309
14:00	231	475	223	46	7	3	0	0	0	0	0	0	0	0	985	30-39	358
15:00	333	486	175	26	3	1	0	0	0	0	0	0	0	0	1024	30-39	345
16:00	277	498	218	45	9	0	0	0	0	0	0	0	0	0	1047	30-39	369
17:00	205	423	180	39	5	0	0	0	0	0	0	0	0	0	852	30-39	313
18:00	100	320	218	47	5	0	0	0	0	0	0	0	0	0	690	32-41	271
19:00	113	277	163	19	1	0	0	0	0	0	0	0	0	0	573	31-40	217
20:00	106	205	99	28	6	0	0	0	0	0	0	0	0	0	444	30-39	157
21:00	49	130	70	26	1	1	0	0	0	0	0	0	0	0	277	31-40	105
22:00	13	61	36	22	2	1	0	0	0	0	0	0	0	0	135	32-41	54
23:00	12	31	25	11	2	0	0	0	0	0	0	0	0	0	81	33-42	29
Total	2584	5963	3417	922	160	21	5	1	0	0	0	0	0	0	13073		
Percent	19.8%	45.6%	26.1%	7.1%	1.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	07:00	06:00	06:00	06:00	04:00								11:00		
Vol.	224	467	299	110	24	4	2								957		
PM Peak	15:00	16:00	12:00	13:00	16:00	14:00	13:00	12:00							16:00		
Vol.	333	498	239	59	9	3	1	1							1047		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/10/16	3	9	9	4	2	0	0	0	0	0	0	0	0	0	27	34-43	10
01:00	6	9	3	3	0	0	0	0	0	0	0	0	0	0	21	27-36	7
02:00	3	2	4	4	0	0	0	0	0	0	0	0	0	0	13	38-47	4
03:00	3	14	9	5	1	1	1	0	0	0	0	0	0	0	34	33-42	13
04:00	9	26	21	13	7	3	1	0	0	0	0	0	0	0	80	34-43	26
05:00	19	73	92	49	12	1	0	0	0	0	0	0	0	0	246	37-46	95
06:00	54	219	212	91	14	3	1	0	0	0	0	0	0	0	594	35-44	231
07:00	119	325	279	96	13	1	0	0	0	0	0	0	0	0	833	34-43	303
08:00	120	325	259	59	14	1	0	0	0	0	0	0	0	0	778	33-42	288
09:00	141	328	195	63	7	1	0	0	0	0	0	0	0	0	735	31-40	266
10:00	173	382	213	46	4	0	0	0	0	0	0	0	0	0	818	31-40	299
11:00	239	491	245	47	3	0	0	0	0	0	0	0	0	0	1025	30-39	372
12 PM	289	453	229	40	5	0	0	0	0	0	0	0	0	0	1016	30-39	340
13:00	157	475	220	54	7	1	0	0	0	0	0	0	0	0	914	31-40	367
14:00	226	482	204	42	3	2	0	0	0	0	0	0	0	0	959	30-39	357
15:00	252	561	183	29	7	0	0	0	0	0	0	0	0	0	1032	30-39	398
16:00	283	492	220	39	7	1	1	0	0	0	0	0	0	0	1043	30-39	364
17:00	196	469	192	37	5	1	0	0	0	0	0	0	0	0	900	30-39	347
18:00	138	320	145	32	1	0	0	0	0	0	0	0	0	0	636	31-40	240
19:00	127	270	144	32	3	1	0	0	0	0	0	0	0	0	577	31-40	209
20:00	116	202	115	19	6	1	0	0	0	0	0	0	0	0	459	31-40	156
21:00	47	129	84	20	2	0	0	0	0	0	0	0	0	0	282	31-40	107
22:00	33	75	44	23	4	0	0	0	0	0	0	0	0	0	179	31-40	63
23:00	19	41	32	15	2	1	0	0	0	0	0	0	0	0	110	31-40	37
Total	2772	6172	3353	862	129	19	4	0	0	0	0	0	0	0	13311		
Percent	20.8%	46.4%	25.2%	6.5%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	07:00	07:00	06:00	04:00	03:00								11:00		
Vol.	239	491	279	96	14	3	1								1025		
PM Peak	12:00	15:00	12:00	13:00	13:00	14:00	16:00								16:00		
Vol.	289	561	229	54	7	2	1								1043		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound																	
Start	1	36	41	46	51	56	61	66	71	76	81	86	91	96		Pace	Number
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	Total	Speed	in Pace
06/11/16	10	13	19	10	0	1	0	0	0	0	0	0	0	0	53	38-47	16
01:00	5	9	11	13	2	0	0	0	0	0	0	0	0	0	40	41-50	13
02:00	1	5	7	3	2	1	0	0	0	0	0	0	0	0	19	39-48	7
03:00	4	2	8	2	0	0	0	0	0	0	0	0	0	0	16	40-49	5
04:00	4	12	14	9	5	1	0	0	0	0	0	0	0	0	45	38-47	15
05:00	6	33	41	25	2	3	0	0	0	0	0	0	0	0	110	37-46	45
06:00	28	65	73	42	9	2	0	0	0	0	0	0	0	0	219	35-44	74
07:00	42	141	108	37	10	0	1	0	0	0	0	0	0	0	339	32-41	129
08:00	80	262	174	37	4	1	0	0	0	0	0	0	0	0	558	32-41	221
09:00	101	297	160	45	6	0	0	0	0	0	0	0	0	0	609	31-40	238
10:00	125	345	192	27	2	0	0	0	0	0	0	0	0	0	691	31-40	270
11:00	192	350	167	37	1	0	0	0	0	0	0	0	0	0	747	30-39	262
12 PM	111	363	188	35	11	0	0	0	0	0	0	0	0	0	708	31-40	287
13:00	103	318	162	52	4	0	0	0	0	0	0	0	0	0	639	31-40	253
14:00	130	310	169	48	2	2	2	0	0	0	0	0	0	0	663	31-40	246
15:00	124	338	192	34	4	0	0	0	0	0	0	0	0	0	692	31-40	268
16:00	98	318	165	47	5	0	0	0	0	0	0	0	0	0	633	31-40	254
17:00	115	326	192	45	2	0	0	0	0	0	0	0	0	0	680	31-40	263
18:00	70	268	162	39	5	0	0	0	0	0	0	0	0	0	544	32-41	223
19:00	116	220	114	29	1	0	0	1	0	0	0	0	0	0	481	30-39	169
20:00	111	238	99	13	0	0	0	0	0	0	0	0	0	0	461	31-40	173
21:00	54	118	83	9	0	0	0	0	0	0	0	0	0	0	264	32-41	95
22:00	27	81	50	18	4	0	0	0	0	0	0	0	0	0	180	32-41	68
23:00	15	34	25	5	4	0	0	0	0	0	0	0	0	0	83	33-42	29
Total	1672	4466	2575	661	85	11	3	1	0	0	0	0	0	0	9474		
Percent	17.6%	47.1%	27.2%	7.0%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	10:00	09:00	07:00	05:00	07:00								11:00		
Vol.	192	350	192	45	10	3	1								747		
PM Peak	14:00	12:00	15:00	13:00	12:00	14:00	14:00	19:00							12:00		
Vol.	130	363	192	52	11	2	2	1							708		











# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

311 Speed  
Count 3  
Crooked Hill and Progress

Westbound	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
Start Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
06/16/16	2	8	9	4	1	0	0	0	0	0	0	0	0	0	24	37-46	9
01:00	8	7	7	0	0	0	0	0	0	0	0	0	0	0	22	23-32	6
02:00	2	3	3	1	0	0	0	0	0	0	0	0	0	0	9	27-36	3
03:00	7	5	9	5	2	0	0	0	0	0	0	0	0	0	28	39-48	7
04:00	9	17	23	17	2	1	0	0	0	0	0	0	0	0	69	39-48	23
05:00	22	109	69	54	7	1	0	0	0	0	0	0	0	0	262	32-41	102
06:00	80	304	198	72	17	2	0	0	0	0	0	0	0	0	673	32-41	266
07:00	199	344	203	53	10	2	0	0	0	0	0	0	0	0	811	31-40	271
08:00	449	124	52	23	3	0	0	0	0	0	0	0	0	0	651	15-24	249
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>778</b>	<b>921</b>	<b>573</b>	<b>229</b>	<b>42</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2549</b>		
<b>Percent</b>	<b>30.5%</b>	<b>36.1%</b>	<b>22.5%</b>	<b>9.0%</b>	<b>1.6%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>06:00</b>	<b>06:00</b>	<b>06:00</b>									<b>07:00</b>		
<b>Vol.</b>	<b>449</b>	<b>344</b>	<b>203</b>	<b>72</b>	<b>17</b>	<b>2</b>									<b>811</b>		

PM Peak																	
Vol.																	
<b>Total</b>	<b>33626</b>	<b>73027</b>	<b>41348</b>	<b>10777</b>	<b>1844</b>	<b>272</b>	<b>48</b>	<b>12</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160957</b>
<b>Percent</b>	<b>20.9%</b>	<b>45.4%</b>	<b>25.7%</b>	<b>6.7%</b>	<b>1.1%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	

15th Percentile : 16 MPH  
 50th Percentile : 30 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH

**Stats**

10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 57921  
 Percent in Pace : 36.0%  
 Number of Vehicles > 55 MPH : 335  
 Percent of Vehicles > 55 MPH : 0.2%  
 Mean Speed(Average) : 30 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 classification  
Count 4  
Progress and Oakhurst

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>4</b>	<b>524</b>	<b>94</b>	<b>4</b>	<b>18</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>656</b>
12 PM	3	600	126	1	20	<b>2</b>	<b>1</b>	4	0	0	0	0	0	757
13:00	4	557	111	<b>7</b>	20	1	0	8	0	<b>2</b>	0	0	<b>1</b>	711
14:00	4	540	124	2	17	1	0	7	1	1	0	0	0	697
15:00	2	596	114	1	20	0	0	7	0	1	0	0	0	741
16:00	<b>6</b>	<b>781</b>	<b>130</b>	<b>2</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>962</b>
17:00	2	<b>808</b>	101	0	22	0	0	5	0	2	0	0	0	940
18:00	2	499	97	0	8	0	0	2	0	0	0	0	0	608
19:00	1	358	48	0	8	0	0	1	0	0	0	0	0	416
20:00	5	305	60	0	13	0	0	0	0	0	0	0	0	383
21:00	6	208	32	0	3	1	0	0	0	0	0	0	0	250
22:00	1	97	14	0	2	0	0	0	0	0	0	0	0	114
23:00	2	61	4	0	1	0	0	0	0	0	0	0	0	68
Day Total	42	5934	1055	17	181	6	3	52	3	8	1	0	1	7303
Percent	0.6%	81.3%	14.4%	0.2%	2.5%	0.1%	0.0%	0.7%	0.0%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00		11:00	11:00			11:00
Vol.	4	524	94	4	18	1	2	7		1	1			656
PM Peak	16:00	17:00	16:00	13:00	16:00	12:00	12:00	16:00	16:00	13:00			13:00	16:00
Vol.	6	808	130	7	29	2	1	11	2	2			1	962

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 classification  
Count 4  
Progress and Oakhurst

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	25	4	0	0	0	0	0	1	0	0	0	0	30
01:00	0	16	6	0	0	0	0	0	0	0	0	0	0	22
02:00	0	7	4	0	0	0	0	0	0	0	0	0	0	11
03:00	0	8	1	0	3	0	0	0	0	0	0	0	0	12
04:00	0	18	8	1	2	0	0	1	0	0	0	0	0	30
05:00	1	88	27	0	2	2	0	0	0	0	0	0	0	120
06:00	2	220	45	1	11	0	0	2	1	0	0	0	0	282
07:00	2	509	98	1	24	0	0	4	1	0	0	1	0	640
08:00	1	500	94	6	14	3	0	2	1	0	0	0	0	621
09:00	0	517	97	1	27	2	0	11	1	0	0	0	0	656
10:00	4	499	80	4	20	1	1	7	0	0	0	0	0	616
11:00	2	543	107	2	16	0	0	5	1	0	0	0	0	676
12 PM	3	572	108	3	28	3	1	7	3	0	0	0	0	728
13:00	2	538	99	1	23	1	0	9	0	0	0	0	0	673
14:00	2	581	115	4	28	3	0	6	1	0	0	0	0	740
15:00	4	629	126	4	26	0	0	5	0	0	0	0	0	794
16:00	1	778	129	0	21	1	1	11	1	1	2	0	0	946
17:00	0	826	115	0	12	2	0	9	1	1	0	0	0	966
18:00	0	505	91	0	21	0	0	1	0	0	0	0	0	618
19:00	1	348	57	0	7	1	0	2	1	0	0	0	0	417
20:00	0	280	49	0	11	0	0	3	0	0	0	0	0	343
21:00	1	210	42	0	5	1	0	0	0	0	0	0	0	259
22:00	0	100	12	0	2	0	0	0	0	0	0	0	0	114
23:00	0	64	9	0	1	0	0	0	0	0	0	0	0	74
Day Total	26	8381	1523	28	304	20	3	85	13	2	2	1	0	10388
Percent	0.3%	80.7%	14.7%	0.3%	2.9%	0.2%	0.0%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	08:00	09:00	08:00	10:00	09:00	00:00			07:00		11:00
Vol.	4	543	107	6	27	3	1	11	1			1		676
PM Peak	15:00	17:00	16:00	14:00	12:00	12:00	12:00	16:00	12:00	16:00	16:00			17:00
Vol.	4	826	129	4	28	3	1	11	3	1	2			966

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 classification  
Count 4  
Progress and Oakhurst

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	22	3	0	1	0	0	0	0	0	0	0	0	26
01:00	0	18	5	0	1	0	0	0	0	0	0	0	0	24
02:00	0	10	2	1	0	0	0	0	0	0	0	0	0	13
03:00	0	10	2	0	1	0	0	0	0	0	0	0	0	13
04:00	0	20	8	0	2	0	0	0	0	0	0	0	0	30
05:00	0	78	19	0	4	2	0	1	0	0	0	0	0	104
06:00	1	235	45	1	10	1	0	1	2	0	0	0	0	296
07:00	0	526	81	3	18	2	1	7	0	0	0	0	0	638
08:00	3	<b>569</b>	102	3	20	1	0	<b>8</b>	1	1	<b>2</b>	<b>1</b>	0	<b>711</b>
09:00	2	478	<b>106</b>	<b>4</b>	24	0	1	7	1	0	0	0	0	623
10:00	1	456	91	1	14	<b>4</b>	0	3	0	<b>2</b>	1	0	0	573
11:00	<b>6</b>	534	103	1	<b>28</b>	1	1	4	<b>3</b>	0	0	0	0	681
12 PM	4	583	114	<b>7</b>	17	2	<b>1</b>	6	<b>1</b>	1	0	0	0	736
13:00	2	591	114	3	22	1	0	10	0	0	0	0	0	743
14:00	2	485	118	2	19	0	1	4	1	<b>2</b>	<b>1</b>	0	0	635
15:00	4	614	108	0	<b>27</b>	<b>3</b>	1	<b>13</b>	1	0	0	0	0	771
16:00	2	<b>790</b>	<b>148</b>	0	17	1	0	7	1	2	0	0	0	<b>968</b>
17:00	3	742	106	1	11	0	0	8	0	1	1	0	<b>2</b>	875
18:00	4	537	94	1	12	1	0	4	0	1	0	0	0	654
19:00	<b>5</b>	432	51	1	13	0	0	3	0	0	0	0	0	505
20:00	5	338	56	0	5	0	0	2	0	0	0	0	0	406
21:00	2	233	36	0	7	0	0	1	0	0	0	0	0	279
22:00	2	131	13	0	1	0	0	0	0	0	0	0	0	147
23:00	1	81	10	0	1	0	0	0	0	0	0	0	0	93
Day Total	49	8513	1535	29	275	19	6	89	11	10	5	1	2	10544
Percent	0.5%	80.7%	14.6%	0.3%	2.6%	0.2%	0.1%	0.8%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	08:00	09:00	09:00	11:00	10:00	07:00	08:00	11:00	10:00	08:00	08:00		08:00
Vol.	6	569	106	4	28	4	1	8	3	2	2	1		711
PM Peak	19:00	16:00	16:00	12:00	15:00	15:00	12:00	15:00	12:00	14:00	14:00		17:00	16:00
Vol.	5	790	148	7	27	3	1	13	1	2	1		2	968

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 classification  
Count 4  
Progress and Oakhurst

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	25	5	0	0	0	0	0	1	0	0	0	0	31
01:00	0	23	5	0	1	0	0	0	0	0	0	0	0	29
02:00	0	17	0	0	0	0	0	0	0	0	0	0	0	17
03:00	0	16	2	0	0	1	0	0	0	0	0	0	0	19
04:00	1	20	5	0	2	<b>3</b>	0	0	0	0	0	0	0	31
05:00	1	91	18	0	3	1	1	1	0	0	0	0	0	116
06:00	2	203	49	0	12	0	0	6	1	0	0	0	0	273
07:00	0	445	81	1	23	0	<b>3</b>	<b>14</b>	0	0	0	0	0	567
08:00	0	523	105	<b>5</b>	26	1	3	7	0	0	0	0	0	670
09:00	1	540	<b>127</b>	1	<b>32</b>	1	1	10	<b>2</b>	0	0	0	0	<b>715</b>
10:00	<b>3</b>	<b>544</b>	110	0	20	1	2	7	2	0	0	0	0	689
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	8	2447	507	7	119	8	10	45	6	0	0	0	0	3157
Percent	0.3%	77.5%	16.1%	0.2%	3.8%	0.3%	0.3%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	09:00	08:00	09:00	04:00	07:00	07:00	09:00					09:00
Vol.	3	544	127	5	32	3	3	14	2					715
PM Peak														
Vol.														
Grand Total	125	25275	4620	81	879	53	22	271	33	20	8	2	3	31392
Percent	0.4%	80.5%	14.7%	0.3%	2.8%	0.2%	0.1%	0.9%	0.1%	0.1%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 classification1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	0	<b>637</b>	<b>131</b>	<b>2</b>	<b>18</b>	<b>2</b>	0	<b>2</b>	<b>1</b>	0	0	0	0	<b>793</b>
12 PM	<b>1</b>	639	100	2	16	1	0	1	<b>1</b>	0	0	0	0	761
13:00	0	602	120	3	18	<b>3</b>	0	<b>10</b>	1	0	0	0	0	757
14:00	1	536	122	3	16	2	0	5	1	0	0	0	0	686
15:00	0	686	<b>140</b>	<b>4</b>	<b>23</b>	1	0	6	0	0	0	0	0	860
16:00	0	697	117	0	17	1	0	2	0	0	0	0	0	834
17:00	0	<b>731</b>	104	1	23	0	0	5	0	0	0	0	0	<b>864</b>
18:00	1	535	74	1	9	0	0	0	1	0	0	0	0	621
19:00	0	494	65	0	13	1	0	1	0	0	0	0	0	574
20:00	0	415	63	0	5	0	0	0	0	0	0	0	0	483
21:00	0	258	40	0	9	0	0	0	1	0	0	0	0	308
22:00	0	126	20	0	4	0	0	0	0	0	0	0	0	150
23:00	0	70	11	0	1	0	0	1	0	0	0	0	0	83
Day Total	3	6426	1107	16	172	11	0	33	6	0	0	0	0	7774
Percent	0.0%	82.7%	14.2%	0.2%	2.2%	0.1%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	11:00	11:00	11:00	11:00		11:00	11:00					11:00
Vol.		637	131	2	18	2		2	1					793
PM Peak	12:00	17:00	15:00	15:00	15:00	13:00		13:00	12:00					17:00
Vol.	1	731	140	4	23	3		10	1					864

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 classification1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	31	7	0	0	0	0	0	0	0	0	0	0	38
01:00	0	15	3	0	0	0	0	0	1	0	0	0	0	19
02:00	0	14	3	0	1	0	0	0	0	0	0	0	0	18
03:00	0	6	0	0	2	0	0	0	0	0	0	0	0	8
04:00	0	20	1	0	1	0	0	0	0	0	0	0	0	22
05:00	0	71	22	1	7	0	0	0	0	0	0	0	0	101
06:00	0	263	53	1	7	<b>4</b>	0	3	1	0	0	0	0	332
07:00	0	611	94	3	12	0	0	7	1	0	0	0	0	728
08:00	<b>2</b>	571	104	2	<b>25</b>	2	0	<b>11</b>	0	0	0	0	0	717
09:00	1	466	91	<b>5</b>	22	3	0	4	1	0	0	0	0	593
10:00	0	501	<b>107</b>	2	24	1	0	2	<b>2</b>	0	0	0	0	639
11:00	0	<b>621</b>	103	4	15	1	0	4	0	0	0	0	0	<b>748</b>
12 PM	0	608	112	1	13	0	0	4	0	0	0	0	0	738
13:00	0	608	121	1	21	2	0	6	<b>2</b>	0	0	0	0	761
14:00	0	643	120	0	<b>24</b>	2	0	5	0	0	0	0	0	794
15:00	0	664	126	<b>5</b>	20	<b>3</b>	0	<b>7</b>	0	0	0	0	0	825
16:00	0	676	<b>132</b>	1	13	1	0	2	0	0	0	0	0	825
17:00	0	<b>706</b>	121	1	18	1	0	3	0	0	0	0	0	<b>850</b>
18:00	0	559	82	0	10	1	0	1	1	0	0	0	0	654
19:00	0	446	83	0	10	0	0	0	0	0	0	0	0	539
20:00	<b>1</b>	350	69	0	8	0	0	1	1	0	0	0	0	430
21:00	1	260	32	0	3	1	0	0	0	0	0	0	0	297
22:00	0	121	17	0	1	0	0	0	0	0	0	0	0	139
23:00	0	69	14	0	1	0	0	0	0	0	0	0	0	84
Day Total	5	8900	1617	27	258	22	0	60	10	0	0	0	0	10899
Percent	0.0%	81.7%	14.8%	0.2%	2.4%	0.2%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	11:00	10:00	09:00	08:00	06:00		08:00	10:00					11:00
Vol.	2	621	107	5	25	4		11	2					748
PM Peak	20:00	17:00	16:00	15:00	14:00	15:00		15:00	13:00					17:00
Vol.	1	706	132	5	24	3		7	2					850

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 classification1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	29	7	0	1	0	0	0	0	0	0	0	0	37
01:00	0	21	11	0	0	0	0	0	1	0	0	0	0	33
02:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17
03:00	0	6	1	0	1	0	0	0	0	0	0	0	0	8
04:00	0	18	4	0	1	0	0	0	1	0	0	0	0	24
05:00	0	76	23	2	7	1	0	0	0	0	0	0	0	109
06:00	0	264	48	1	16	2	0	1	1	0	0	0	0	333
07:00	0	<b>599</b>	94	<b>3</b>	11	0	0	4	1	0	0	0	0	712
08:00	0	591	107	2	18	1	0	3	1	0	0	0	0	723
09:00	<b>2</b>	489	102	3	<b>21</b>	<b>3</b>	<b>1</b>	3	1	0	0	0	0	625
10:00	0	482	95	2	15	3	0	<b>5</b>	0	0	0	0	0	602
11:00	2	592	<b>108</b>	2	16	2	1	4	1	0	0	0	0	<b>728</b>
12 PM	1	626	106	<b>5</b>	23	<b>4</b>	0	5	1	0	0	0	0	771
13:00	0	556	123	2	<b>28</b>	0	0	4	<b>2</b>	0	0	0	0	715
14:00	0	592	119	3	16	3	<b>1</b>	5	0	0	0	0	0	739
15:00	1	711	<b>139</b>	2	20	2	0	6	0	0	0	0	0	881
16:00	0	712	123	1	17	1	0	2	1	0	0	0	0	857
17:00	<b>2</b>	<b>771</b>	125	1	16	2	0	<b>7</b>	1	0	0	0	<b>1</b>	<b>926</b>
18:00	0	590	89	2	17	1	0	0	1	0	0	0	0	700
19:00	0	503	70	1	16	0	0	0	0	0	0	0	0	590
20:00	0	400	64	0	5	0	0	0	0	0	0	0	0	469
21:00	0	294	37	0	4	0	0	0	0	0	0	0	0	335
22:00	1	162	24	0	3	0	0	0	0	0	0	0	0	190
23:00	0	73	8	0	1	0	0	0	0	0	0	0	0	82
Day Total	9	9171	1629	32	274	25	3	49	13	0	0	0	1	11206
Percent	0.1%	81.8%	14.5%	0.3%	2.4%	0.2%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	11:00	07:00	09:00	09:00	09:00	10:00	01:00					11:00
Vol.	2	599	108	3	21	3	1	5	1					728
PM Peak	17:00	17:00	15:00	12:00	13:00	12:00	14:00	17:00	13:00				17:00	17:00
Vol.	2	771	139	5	28	4	1	7	2				1	926



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369 East Park Drive  
Harrisburg, PA 17111

411 classification1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	33	7	0	1	0	0	0	0	0	0	0	0	41
01:00	0	16	5	0	1	0	0	0	1	0	0	0	0	23
02:00	0	11	2	0	1	0	0	0	0	0	0	0	0	14
03:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16
04:00	0	24	3	0	2	0	0	0	0	0	0	0	0	29
05:00	0	56	19	0	8	1	0	1	0	0	0	0	0	85
06:00	0	267	40	1	13	0	0	3	0	0	0	0	0	324
07:00	0	<b>593</b>	77	2	11	4	0	4	1	0	0	0	0	692
08:00	0	590	<b>116</b>	<b>6</b>	33	4	0	<b>8</b>	0	0	0	0	0	<b>757</b>
09:00	0	528	107	2	<b>38</b>	2	0	7	0	<b>1</b>	0	0	0	685
10:00	0	565	112	4	18	<b>5</b>	0	3	<b>2</b>	0	0	0	0	709
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	0	2698	489	15	126	16	0	26	4	1	0	0	0	3375
Percent	0.0%	79.9%	14.5%	0.4%	3.7%	0.5%	0.0%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.		07:00 593	08:00 116	08:00 6	09:00 38	10:00 5		08:00 8	10:00 2	09:00 1				08:00 757
PM Peak Vol.														
Grand Total	17	27195	4842	90	830	74	3	168	33	1	0	0	1	33254
Percent	0.1%	81.8%	14.6%	0.3%	2.5%	0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 speed1  
Count 4  
Progress and Oakhurst

Eastbound																		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>5</b>	<b>5</b>	<b>11</b>	<b>69</b>	<b>180</b>	<b>240</b>	<b>120</b>	<b>23</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>656</b>	32-41	395
12 PM	11	13	37	65	193	251	148	37	2	0	0	0	0	0	0	757	33-42	418
13:00	2	5	11	73	<b>194</b>	263	133	26	3	1	0	0	0	0	0	711	32-41	432
14:00	6	2	17	62	154	<b>269</b>	147	32	6	<b>2</b>	0	0	0	0	0	697	33-42	417
15:00	16	11	35	64	181	243	140	48	3	0	0	0	0	0	0	741	33-42	398
16:00	<b>222</b>	<b>139</b>	132	106	169	103	70	19	2	0	0	0	0	0	0	<b>962</b>	6-15	303
17:00	152	127	<b>145</b>	<b>145</b>	143	130	72	21	4	1	0	0	0	0	0	940	23-32	242
18:00	4	11	14	36	98	228	170	38	7	2	0	0	0	0	0	608	35-44	368
19:00	1	0	0	1	35	139	<b>182</b>	<b>49</b>	<b>9</b>	0	0	0	0	0	0	416	37-46	293
20:00	0	0	0	6	41	160	138	33	4	1	0	0	0	0	0	383	36-45	271
21:00	0	0	0	7	27	92	88	25	8	2	0	<b>1</b>	0	0	0	250	36-45	165
22:00	0	1	1	1	15	42	31	21	2	0	0	0	0	0	0	114	36-45	68
23:00	0	0	0	1	2	20	27	15	3	0	0	0	0	0	0	68	37-46	45
Total	419	314	403	636	1432	2180	1466	387	55	10	0	1	0	0	0	7303		
Percent	5.7%	4.3%	5.5%	8.7%	19.6%	29.9%	20.1%	5.3%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%				
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00						11:00		
Vol.	5	5	11	69	180	240	120	23	2	1						656		
PM Peak	16:00	16:00	17:00	17:00	13:00	14:00	19:00	19:00	19:00	14:00		21:00				16:00		
Vol.	222	139	145	145	194	269	182	49	9	2		1			962			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 speed1  
Count 4  
Progress and Oakhurst

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	0	2	5	11	9	1	1	0	1	0	0	30	40-49	19
01:00	0	0	0	0	2	7	10	3	0	0	0	0	0	0	22	36-45	16
02:00	0	0	0	1	3	2	3	2	0	0	0	0	0	0	11	39-48	5
03:00	0	0	0	1	3	5	2	1	0	0	0	0	0	0	12	32-41	8
04:00	0	0	0	0	2	11	12	5	0	0	0	0	0	0	30	37-46	21
05:00	0	0	0	2	2	22	57	28	7	1	1	0	0	0	120	39-48	83
06:00	0	0	0	3	16	104	112	38	8	1	0	0	0	0	282	36-45	197
07:00	3	3	10	26	124	224	191	51	7	1	0	0	0	0	640	35-44	390
08:00	1	1	5	16	125	272	154	44	2	1	0	0	0	0	621	34-43	414
09:00	2	0	14	70	151	275	113	27	3	0	1	0	0	0	656	33-42	410
10:00	0	1	11	37	150	260	131	20	6	0	0	0	0	0	616	33-42	402
11:00	3	11	22	42	175	291	98	30	4	0	0	0	0	0	676	32-41	433
12 PM	1	13	32	77	189	252	132	26	5	0	1	0	0	0	728	32-41	416
13:00	8	8	11	62	172	257	127	24	3	1	0	0	0	0	673	33-42	405
14:00	1	10	27	93	194	223	146	44	2	0	0	0	0	0	740	32-41	397
15:00	17	6	31	98	184	278	139	33	8	0	0	0	0	0	794	32-41	435
16:00	212	106	123	133	140	132	71	23	1	4	1	0	0	0	946	6-15	282
17:00	258	126	125	127	143	115	50	17	4	1	0	0	0	0	966	6-15	331
18:00	7	13	24	66	148	215	123	19	3	0	0	0	0	0	618	33-42	346
19:00	0	0	4	11	32	157	165	40	7	1	0	0	0	0	417	36-45	292
20:00	1	0	0	5	38	163	107	24	3	2	0	0	0	0	343	35-44	247
21:00	1	0	1	5	28	116	83	19	5	1	0	0	0	0	259	35-44	181
22:00	0	0	0	1	6	31	51	20	5	0	0	0	0	0	114	37-46	78
23:00	0	0	0	1	2	9	39	16	6	1	0	0	0	0	74	39-48	52
Total	515	298	440	877	2031	3426	2127	563	90	16	4	1	0	0	10388		
Percent	5.0%	2.9%	4.2%	8.4%	19.6%	33.0%	20.5%	5.4%	0.9%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	11:00	11:00	09:00	11:00	11:00	07:00	07:00	09:00	00:00	05:00	00:00			11:00		
Vol.	3	11	22	70	175	291	191	51	8	1	1	1			676		
PM Peak	17:00	17:00	17:00	16:00	14:00	15:00	19:00	14:00	15:00	16:00	12:00				17:00		
Vol.	258	126	125	133	194	278	165	44	8	4	1				966		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 speed1  
Count 4  
Progress and Oakhurst

Eastbound																	
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
07/14/16	0	0	0	1	3	6	8	6	1	1	0	0	0	0	26	37-46	14
01:00	0	0	0	0	2	10	8	2	2	0	0	0	0	0	24	36-45	16
02:00	0	0	0	0	2	3	6	1	0	1	0	0	0	0	13	38-47	8
03:00	0	0	0	0	0	2	6	3	2	0	0	0	0	0	13	39-48	9
04:00	0	0	0	0	1	11	13	5	0	0	0	0	0	0	30	37-46	22
05:00	0	0	0	2	6	26	46	18	5	1	0	0	0	0	104	38-47	69
06:00	0	0	0	2	12	75	136	60	10	1	0	0	0	0	296	38-47	205
07:00	2	0	0	17	108	270	179	55	6	0	1	0	0	0	638	35-44	422
08:00	19	19	16	43	135	250	180	38	8	3	0	0	0	0	711	34-43	398
09:00	0	1	9	44	155	226	141	38	6	3	0	0	0	0	623	33-42	375
10:00	10	28	6	31	94	208	144	43	9	0	0	0	0	0	573	35-44	321
11:00	15	14	16	39	157	251	148	35	6	0	0	0	0	0	681	33-42	393
12 PM	5	7	16	99	200	217	149	33	8	2	0	0	0	0	736	32-41	396
13:00	5	5	25	68	189	238	154	49	9	1	0	0	0	0	743	33-42	409
14:00	16	12	12	38	123	228	158	43	5	0	0	0	0	0	635	34-43	361
15:00	29	16	54	81	152	199	176	57	5	1	1	0	0	0	771	34-43	351
16:00	189	99	131	155	153	115	92	29	5	0	0	0	0	0	968	6-15	260
17:00	190	92	134	145	127	95	64	23	5	0	0	0	0	0	875	6-15	254
18:00	0	5	3	39	81	212	208	86	15	4	1	0	0	0	654	36-45	388
19:00	0	0	0	3	29	144	229	89	11	0	0	0	0	0	505	37-46	352
20:00	0	1	0	6	52	157	126	54	9	1	0	0	0	0	406	36-45	261
21:00	0	0	0	0	19	101	110	37	11	1	0	0	0	0	279	36-45	192
22:00	0	0	0	1	5	44	62	30	4	1	0	0	0	0	147	38-47	100
23:00	0	0	0	2	6	20	34	26	5	0	0	0	0	0	93	39-48	58
Total	480	299	422	816	1811	3108	2577	860	147	21	3	0	0	0	10544		
Percent	4.6%	2.8%	4.0%	7.7%	17.2%	29.5%	24.4%	8.2%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	08:00	09:00	11:00	07:00	08:00	06:00	06:00	08:00	07:00				08:00		
Vol.	19	28	16	44	157	270	180	60	10	3	1				711		
PM Peak	17:00	16:00	17:00	16:00	12:00	13:00	19:00	19:00	18:00	18:00	15:00				16:00		
Vol.	190	99	134	155	200	238	229	89	15	4	1				968		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

410 speed1  
Count 4  
Progress and Oakhurst

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
07/15/16	0	0	0	0	4	7	9	7	4	0	0	0	0	0	31	37-46	16
01:00	0	0	0	0	1	6	9	10	3	0	0	0	0	0	29	40-49	18
02:00	0	0	0	0	1	7	5	3	1	0	0	0	0	0	17	36-45	11
03:00	0	0	0	0	3	7	5	3	0	1	0	0	0	0	19	36-45	11
04:00	0	0	0	0	6	12	5	5	2	0	1	0	0	0	31	33-42	18
05:00	0	0	0	0	3	29	53	24	7	0	0	0	0	0	116	38-47	80
06:00	0	0	0	2	12	64	129	54	11	1	0	0	0	0	273	38-47	189
07:00	3	2	13	27	75	211	163	55	15	3	0	0	0	0	567	35-44	345
08:00	5	3	13	35	139	260	180	31	3	1	0	0	0	0	670	34-43	420
09:00	11	3	20	60	178	236	156	46	4	1	0	0	0	0	715	33-42	399
10:00	1	1	3	51	184	248	155	38	7	1	0	0	0	0	689	33-42	420
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	20	9	49	175	606	1087	869	276	57	8	1	0	0	0	3157		
Percent	0.6%	0.3%	1.6%	5.5%	19.2%	34.4%	27.5%	8.7%	1.8%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	08:00	09:00	09:00	10:00	08:00	08:00	07:00	07:00	07:00	04:00				09:00		
Vol.	11	3	20	60	184	260	180	55	15	3	1				715		
PM Peak																	
Vol.	1434	920	1314	2504	5880	9801	7039	2086	349	55	8	2	0	0	31392		
Percent	4.6%	2.9%	4.2%	8.0%	18.7%	31.2%	22.4%	6.6%	1.1%	0.2%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 23 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 47 MPH

Stats  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 15579  
 Percent in Pace : 49.6%  
 Number of Vehicles > 55 MPH : 65  
 Percent of Vehicles > 55 MPH : 0.2%  
 Mean Speed(Average) : 34 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 speed1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>2</b>	0	<b>7</b>	<b>50</b>	<b>203</b>	<b>334</b>	<b>173</b>	<b>21</b>	<b>2</b>	<b>1</b>	0	0	0	0	<b>793</b>	33-42	524
12 PM	<b>8</b>	0	3	33	188	313	188	24	3	1	0	0	0	0	761	33-42	497
13:00	4	0	1	39	174	335	172	27	5	0	0	0	0	0	757	33-42	506
14:00	5	0	5	29	166	285	165	29	2	0	0	0	0	0	686	33-42	448
15:00	5	<b>5</b>	3	67	227	<b>359</b>	165	26	2	0	<b>1</b>	0	0	0	860	33-42	557
16:00	4	0	3	59	281	324	142	20	1	0	0	0	0	0	834	32-41	559
17:00	3	2	<b>16</b>	<b>75</b>	<b>283</b>	331	127	26	1	0	0	0	0	0	<b>864</b>	32-41	564
18:00	5	0	0	12	141	283	157	20	3	0	0	0	0	0	621	34-43	431
19:00	6	0	0	17	100	222	<b>194</b>	<b>32</b>	3	0	0	0	0	0	574	35-44	383
20:00	4	0	1	24	116	196	132	10	0	0	0	0	0	0	483	34-43	319
21:00	0	0	0	1	33	151	105	15	2	1	0	0	0	0	308	35-44	233
22:00	1	0	0	1	9	54	52	25	<b>6</b>	<b>2</b>	0	0	0	0	150	36-45	97
23:00	2	0	0	1	3	18	33	22	4	0	0	0	0	0	83	39-48	52
Total	49	7	39	408	1924	3205	1805	297	34	5	1	0	0	0	7774		
Percent	0.6%	0.1%	0.5%	5.2%	24.7%	41.2%	23.2%	3.8%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00		11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00					11:00		
Vol.	2		7	50	203	334	173	21	2	1					793		
PM Peak	12:00	15:00	17:00	17:00	17:00	15:00	19:00	19:00	22:00	22:00	15:00				17:00		
Vol.	8	5	16	75	283	359	194	32	6	2	1				864		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 speed1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	1	0	0	1	1	12	14	8	1	0	0	0	0	0	38	37-46	24
01:00	0	0	0	1	2	5	5	6	0	0	0	0	0	0	19	39-48	11
02:00	0	0	0	0	0	7	5	6	0	0	0	0	0	0	18	37-46	12
03:00	0	0	0	0	0	2	5	1	0	0	0	0	1	0	8	37-46	7
04:00	0	0	0	0	0	5	9	7	1	0	0	0	0	0	22	40-49	15
05:00	0	0	0	0	3	18	38	33	8	1	0	0	0	0	101	40-49	66
06:00	1	0	0	2	16	66	157	78	9	3	0	0	0	0	332	39-48	230
07:00	3	0	0	11	96	302	257	51	8	0	0	0	0	0	728	35-44	509
08:00	13	1	4	30	141	310	189	27	2	0	0	0	0	0	717	34-43	473
09:00	2	1	0	14	128	253	163	28	4	0	0	0	0	0	593	34-43	401
10:00	2	0	1	38	128	282	158	29	0	1	0	0	0	0	639	34-43	427
11:00	3	1	7	42	220	323	130	20	2	0	0	0	0	0	748	32-41	508
12 PM	5	0	0	9	158	328	194	40	4	0	0	0	0	0	738	34-43	505
13:00	5	2	10	46	154	350	165	28	1	0	0	0	0	0	761	34-43	507
14:00	6	0	1	19	218	352	176	19	3	0	0	0	0	0	794	33-42	550
15:00	3	1	1	70	235	359	131	23	2	0	0	0	0	0	825	32-41	556
16:00	2	0	4	30	218	360	176	35	0	0	0	0	0	0	825	33-42	560
17:00	7	4	12	70	246	341	151	19	0	0	0	0	0	0	850	32-41	548
18:00	11	0	6	54	211	246	104	20	2	0	0	0	0	0	654	32-41	418
19:00	2	0	0	3	112	217	175	24	6	0	0	0	0	0	539	35-44	368
20:00	1	1	2	12	87	189	116	20	2	0	0	0	0	0	430	34-43	293
21:00	1	0	0	8	43	123	91	30	1	0	0	0	0	0	297	35-44	198
22:00	2	0	0	0	14	27	62	29	5	0	0	0	0	0	139	39-48	89
23:00	1	0	0	0	3	21	30	25	4	0	0	0	0	0	84	39-48	53
Total	71	11	48	460	2434	4498	2701	606	65	5	0	0	0	0	10899		
Percent	0.7%	0.1%	0.4%	4.2%	22.3%	41.3%	24.8%	5.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	11:00	11:00	11:00	11:00	07:00	06:00	06:00	06:00					11:00		
Vol.	13	1	7	42	220	323	257	78	9	3					748		
PM Peak	18:00	17:00	17:00	15:00	17:00	16:00	12:00	12:00	19:00						17:00		
Vol.	11	4	12	70	246	360	194	40	6						850		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 speed1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
07/14/16	1	0	0	0	2	4	22	5	3	0	0	0	0	0	0	37	39-48	26
01:00	1	0	0	0	2	7	12	8	3	0	0	0	0	0	0	33	39-48	19
02:00	0	0	0	0	0	2	9	4	2	0	0	0	0	0	0	17	40-49	12
03:00	0	0	0	0	0	2	2	4	0	0	0	0	0	0	0	8	41-50	6
04:00	0	0	0	0	0	7	11	6	0	0	0	0	0	0	0	24	38-47	18
05:00	1	0	0	2	7	10	50	33	6	0	0	0	0	0	0	109	40-49	75
06:00	4	0	0	0	9	64	177	65	13	1	0	0	0	0	0	333	39-48	239
07:00	4	0	0	4	73	244	290	84	12	1	0	0	0	0	0	712	36-45	487
08:00	5	1	5	6	140	285	225	50	6	0	0	0	0	0	0	723	35-44	477
09:00	6	0	0	7	78	250	228	52	4	0	0	0	0	0	0	625	36-45	433
10:00	2	0	1	9	87	242	206	49	6	0	0	0	0	0	0	602	35-44	411
11:00	2	0	7	49	176	266	198	26	4	0	0	0	0	0	0	728	34-43	454
12 PM	3	0	0	17	186	327	203	34	1	0	0	0	0	0	0	771	34-43	522
13:00	3	0	3	12	131	308	207	46	5	0	0	0	0	0	0	715	35-44	485
14:00	7	0	3	30	166	316	170	44	2	1	0	0	0	0	0	739	34-43	481
15:00	25	19	25	46	213	375	155	21	2	0	0	0	0	0	0	881	33-42	547
16:00	7	0	7	39	209	414	162	16	3	0	0	0	0	0	0	857	33-42	600
17:00	52	46	44	60	225	330	158	11	0	0	0	0	0	0	0	926	32-41	494
18:00	10	0	0	22	151	305	165	43	4	0	0	0	0	0	0	700	34-43	459
19:00	1	0	0	19	102	286	144	38	0	0	0	0	0	0	0	590	34-43	413
20:00	6	0	0	15	72	213	131	29	3	0	0	0	0	0	0	469	35-44	319
21:00	2	0	2	5	39	159	108	20	0	0	0	0	0	0	0	335	35-44	244
22:00	6	0	0	2	5	53	79	36	8	1	0	0	0	0	0	190	38-47	122
23:00	0	0	0	1	2	21	29	24	5	0	0	0	0	0	0	82	39-48	52
Total	148	66	97	345	2075	4490	3141	748	92	4	0	0	0	0	0	11206		
Percent	1.3%	0.6%	0.9%	3.1%	18.5%	40.1%	28.0%	6.7%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	08:00	11:00	11:00	11:00	08:00	07:00	07:00	06:00	06:00						11:00		
Vol.	6	1	7	49	176	285	290	84	13	1						728		
PM Peak	17:00	17:00	17:00	17:00	17:00	16:00	13:00	13:00	22:00	14:00						17:00		
Vol.	52	46	44	60	225	414	207	46	8	1						926		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

411 speed1  
Count 4  
Progress and Oakhurst

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	1	0	0	0	2	15	10	12	1	0	0	0	0	0	41	37-46	24
01:00	0	0	1	0	0	5	7	8	2	0	0	0	0	0	23	41-50	14
02:00	0	0	0	1	0	3	5	4	1	0	0	0	0	0	14	39-48	9
03:00	0	1	0	0	0	4	6	5	0	0	0	0	0	0	16	40-49	10
04:00	0	0	0	1	2	5	12	8	1	0	0	0	0	0	29	39-48	19
05:00	3	0	0	2	1	14	28	32	4	1	0	0	0	0	85	41-50	53
06:00	3	0	0	0	18	60	159	67	14	3	0	0	0	0	324	39-48	222
07:00	3	0	0	8	114	251	267	48	1	0	0	0	0	0	692	36-45	474
08:00	12	2	2	28	158	287	215	50	3	0	0	0	0	0	757	34-43	473
09:00	6	1	6	15	140	275	197	36	8	1	0	0	0	0	685	34-43	446
10:00	15	1	9	25	132	307	182	34	4	0	0	0	0	0	709	34-43	461
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>43</b>	<b>5</b>	<b>18</b>	<b>80</b>	<b>567</b>	<b>1226</b>	<b>1088</b>	<b>304</b>	<b>39</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3375</b>		
<b>Percent</b>	<b>1.3%</b>	<b>0.1%</b>	<b>0.5%</b>	<b>2.4%</b>	<b>16.8%</b>	<b>36.3%</b>	<b>32.2%</b>	<b>9.0%</b>	<b>2.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>	<b>08:00</b>	<b>10:00</b>	<b>08:00</b>	<b>08:00</b>	<b>10:00</b>	<b>07:00</b>	<b>06:00</b>	<b>06:00</b>	<b>06:00</b>					<b>08:00</b>		
<b>Vol.</b>	<b>15</b>	<b>2</b>	<b>9</b>	<b>28</b>	<b>158</b>	<b>307</b>	<b>267</b>	<b>67</b>	<b>14</b>	<b>3</b>					<b>757</b>		
<b>PM Peak</b>																	
<b>Vol.</b>																	
<b>Total</b>	<b>311</b>	<b>89</b>	<b>202</b>	<b>1293</b>	<b>7000</b>	<b>13419</b>	<b>8735</b>	<b>1955</b>	<b>230</b>	<b>19</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33254</b>		
<b>Percent</b>	<b>0.9%</b>	<b>0.3%</b>	<b>0.6%</b>	<b>3.9%</b>	<b>21.1%</b>	<b>40.4%</b>	<b>26.3%</b>	<b>5.9%</b>	<b>0.7%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Stats  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 21272  
 Percent in Pace : 64.0%  
 Number of Vehicles > 55 MPH : 20  
 Percent of Vehicles > 55 MPH : 0.1%  
 Mean Speed(Average) : 38 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

510 classification  
Count 5  
Oakhurst and Crums Mill

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	549	149	1	33	<b>2</b>	0	2	<b>1</b>	0	0	0	0	737
13:00	0	465	145	<b>4</b>	43	0	0	<b>7</b>	1	<b>1</b>	0	0	0	666
14:00	<b>1</b>	517	158	2	33	1	0	6	0	0	0	0	0	718
15:00	0	616	155	1	29	0	0	6	0	0	0	0	0	807
16:00	1	805	<b>167</b>	3	<b>49</b>	2	0	3	0	0	0	0	0	1030
17:00	0	<b>895</b>	152	0	37	0	0	1	0	0	0	0	0	<b>1085</b>
18:00	0	524	113	0	17	0	0	0	0	0	0	0	0	654
19:00	1	377	81	0	13	0	0	1	0	0	0	0	0	473
20:00	0	327	67	0	22	0	0	1	0	0	0	0	0	417
21:00	1	220	39	0	6	0	0	1	1	0	0	0	0	268
22:00	0	93	22	0	4	0	0	0	0	0	0	0	0	119
23:00	0	63	7	0	1	0	0	0	0	0	0	0	0	71
Day Total	4	5451	1255	11	287	5	0	28	3	1	0	0	0	7045
Percent	0.1%	77.4%	17.8%	0.2%	4.1%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	14:00	17:00	16:00	13:00	16:00	12:00		13:00	12:00	13:00				17:00
	1	895	167	4	49	2		7	1	1				1085

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Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	27	2	0	2	0	0	0	1	0	0	0	0	32
01:00	0	16	7	0	0	0	0	0	0	0	0	0	0	23
02:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
03:00	0	6	2	0	3	0	0	0	0	0	0	0	0	11
04:00	0	19	5	1	2	0	0	1	0	0	0	0	0	28
05:00	0	67	18	0	1	1	0	1	1	0	0	0	0	89
06:00	2	178	38	1	17	1	0	2	1	0	0	0	0	240
07:00	1	344	87	1	29	0	0	7	1	0	0	0	0	470
08:00	0	376	92	5	26	1	0	0	1	0	0	0	0	501
09:00	0	415	112	2	30	1	1	7	1	0	0	0	0	569
10:00	1	441	84	2	29	0	1	4	1	0	0	0	0	563
11:00	1	549	111	0	33	0	0	7	1	0	0	0	0	702
12 PM	1	576	137	2	33	2	0	7	3	1	0	0	0	762
13:00	0	475	137	0	34	1	0	4	0	0	0	0	0	651
14:00	1	574	112	4	45	3	0	4	1	0	0	0	0	744
15:00	0	633	141	3	37	0	0	6	0	0	0	0	0	820
16:00	0	812	178	0	51	1	1	3	1	0	0	0	0	1047
17:00	0	855	152	0	37	2	0	5	1	0	0	0	0	1052
18:00	0	535	116	0	21	0	0	0	0	0	0	0	0	672
19:00	1	382	84	0	10	1	0	0	1	0	0	0	0	479
20:00	0	301	65	0	16	0	0	1	0	0	0	0	0	383
21:00	0	229	51	0	10	0	0	0	0	0	0	0	0	290
22:00	0	94	12	0	3	0	0	0	0	0	0	0	0	109
23:00	0	69	7	0	1	0	0	0	0	0	0	0	0	77
Day Total	8	7983	1753	21	471	14	3	59	15	1	0	0	0	10328
Percent	0.1%	77.3%	17.0%	0.2%	4.6%	0.1%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	11:00	09:00	08:00	11:00	05:00	09:00	07:00	00:00					11:00
Vol.	2	549	112	5	33	1	1	7	1					702
PM Peak	12:00	17:00	16:00	14:00	16:00	14:00	16:00	12:00	12:00	12:00				17:00
Vol.	1	855	178	4	51	3	1	7	3	1				1052

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Harrisburg, PA 17111

510 classification  
Count 5  
Oakhurst and Crums Mill

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	21	3	0	2	0	0	0	0	0	0	0	0	26
01:00	0	19	6	0	1	0	0	0	0	0	0	0	0	26
02:00	0	11	1	1	2	0	0	0	0	0	0	0	0	15
03:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15
04:00	0	20	6	0	1	0	0	0	0	0	0	0	0	27
05:00	0	62	13	0	2	1	0	1	0	0	0	0	0	79
06:00	0	190	43	1	17	0	0	2	4	0	0	0	0	257
07:00	1	341	73	1	21	1	1	5	0	0	0	0	0	444
08:00	0	436	92	2	23	0	1	8	0	0	0	0	0	562
09:00	0	401	101	3	32	1	0	8	0	0	0	0	0	546
10:00	0	421	105	1	28	4	1	4	0	0	0	0	0	564
11:00	2	547	123	2	34	0	0	3	2	0	0	0	0	713
12 PM	2	556	144	5	34	2	0	5	1	0	0	0	0	749
13:00	0	512	136	2	30	1	0	6	0	0	0	0	0	687
14:00	0	506	156	2	34	0	0	3	1	0	0	0	0	702
15:00	0	626	148	0	35	1	0	7	3	0	0	0	0	820
16:00	0	829	212	0	35	2	0	5	0	0	0	0	0	1083
17:00	0	831	151	0	46	0	0	9	0	0	0	0	0	1037
18:00	0	568	117	1	21	1	0	3	0	0	0	0	0	711
19:00	0	490	79	0	21	0	0	2	0	0	0	0	0	592
20:00	0	355	77	1	11	0	0	0	0	0	0	0	0	444
21:00	0	248	48	0	9	0	0	1	0	0	0	0	0	306
22:00	0	131	19	0	2	0	0	0	0	0	0	0	0	152
23:00	0	85	11	0	2	0	0	0	0	0	0	0	0	98
Day Total	5	8218	1867	22	443	14	3	72	11	0	0	0	0	10655
Percent	0.0%	77.1%	17.5%	0.2%	4.2%	0.1%	0.0%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	09:00	11:00	10:00	07:00	08:00	06:00					11:00
Vol.	2	547	123	3	34	4	1	8	4					713
PM Peak	12:00	17:00	16:00	12:00	17:00	12:00		17:00	15:00					16:00
Vol.	2	831	212	5	46	2		9	3					1083

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369 East Park Drive  
Harrisburg, PA 17111

510 classification  
Count 5  
Oakhurst and Crums Mill

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	26	2	0	2	0	0	0	1	0	0	0	0	31
01:00	0	24	4	0	1	0	0	0	0	0	0	0	0	29
02:00	0	13	2	0	0	0	0	0	0	0	0	0	0	15
03:00	1	14	3	0	2	0	0	0	0	0	0	0	0	20
04:00	1	15	5	0	1	2	0	0	0	0	0	0	0	24
05:00	0	74	12	1	3	1	1	0	0	0	0	0	0	92
06:00	0	165	43	0	17	0	0	8	1	0	0	0	0	234
07:00	0	321	78	3	20	1	0	4	0	0	0	0	0	427
08:00	0	379	93	6	39	1	0	4	0	0	0	0	0	522
09:00	1	443	134	3	48	2	0	7	2	0	0	0	0	640
10:00	0	511	136	0	28	0	0	5	1	0	0	0	0	681
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	3	1985	512	13	161	7	1	28	5	0	0	0	0	2715
Percent	0.1%	73.1%	18.9%	0.5%	5.9%	0.3%	0.0%	1.0%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	03:00	10:00	10:00	08:00	09:00	04:00	05:00	06:00	09:00					10:00
Vol.	1	511	136	6	48	2	1	8	2					681
PM Peak														
Vol.														
Grand Total	20	23637	5387	67	1362	40	7	187	34	2	0	0	0	30743
Percent	0.1%	76.9%	17.5%	0.2%	4.4%	0.1%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	

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369 East Park Drive  
Harrisburg, PA 17111

511 class  
Count 5  
Oakhurst and Crums Mill

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	<b>6</b>	595	71	1	13	0	0	0	<b>1</b>	0	0	0	0	687
13:00	3	558	93	1	16	<b>3</b>	0	<b>7</b>	1	0	0	0	0	682
14:00	0	531	91	2	12	0	0	3	1	0	0	0	0	640
15:00	0	625	<b>94</b>	<b>3</b>	<b>17</b>	1	0	4	0	0	<b>1</b>	0	0	745
16:00	0	623	85	0	10	1	0	2	0	0	0	0	0	721
17:00	2	<b>705</b>	68	1	16	0	0	3	0	0	0	0	0	<b>795</b>
18:00	1	531	51	1	4	0	0	1	1	0	0	0	0	590
19:00	1	447	47	0	9	1	0	1	0	0	0	0	0	506
20:00	1	383	50	0	3	0	0	1	0	0	0	0	0	438
21:00	0	231	39	0	6	0	0	0	1	0	0	0	0	277
22:00	1	132	12	0	2	0	0	0	0	0	0	0	0	147
23:00	1	65	10	0	1	0	0	1	0	0	0	0	0	78
Day Total	16	5426	711	9	109	6	0	23	5	0	1	0	0	6306
Percent	0.3%	86.0%	11.3%	0.1%	1.7%	0.1%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	12:00 6	17:00 705	15:00 94	15:00 3	15:00 17	13:00 3		13:00 7	12:00 1		15:00 1			17:00 795

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Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	34	6	0	0	0	0	0	0	0	0	0	0	40
01:00	0	12	4	0	0	0	0	0	1	0	0	0	0	17
02:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17
03:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
04:00	0	20	1	0	1	0	0	0	0	0	0	0	0	22
05:00	0	105	24	1	4	1	0	0	0	0	0	0	0	135
06:00	0	279	43	1	10	3	0	2	1	0	0	0	0	339
07:00	2	680	86	2	11	0	0	5	2	0	0	0	0	788
08:00	1	615	95	2	27	2	0	9	1	0	0	0	0	752
09:00	1	502	81	4	23	1	0	3	2	1	0	0	0	618
10:00	2	493	86	1	18	1	0	1	2	0	0	0	0	604
11:00	1	520	77	2	15	1	0	4	0	0	0	0	0	620
12 PM	3	645	90	1	9	0	0	3	0	0	0	0	0	751
13:00	0	592	87	1	20	1	0	4	2	0	0	0	0	707
14:00	0	599	91	1	21	2	0	7	0	0	0	0	0	721
15:00	0	615	96	2	15	2	0	6	1	0	0	0	0	737
16:00	0	603	91	1	11	1	0	2	0	0	0	0	0	709
17:00	1	671	93	1	15	1	0	3	0	0	0	0	0	785
18:00	0	504	64	0	7	1	0	1	1	0	0	0	0	578
19:00	1	406	50	0	7	0	0	0	0	0	0	0	0	464
20:00	0	341	43	0	9	0	0	1	1	0	0	0	0	395
21:00	0	240	19	0	0	0	0	0	0	0	0	0	0	259
22:00	0	119	13	0	1	0	0	0	0	0	0	0	0	133
23:00	0	78	5	0	1	0	0	0	0	0	0	0	0	84
Day Total	12	8692	1247	20	227	17	0	51	14	1	0	0	0	10281
Percent	0.1%	84.5%	12.1%	0.2%	2.2%	0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	08:00	09:00	08:00	06:00		08:00	07:00	09:00				07:00
Vol.	2	680	95	4	27	3		9	2	1				788
PM Peak	12:00	17:00	15:00	15:00	14:00	14:00		14:00	13:00					17:00
Vol.	3	671	96	2	21	2		7	2					785

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

511 class  
Count 5  
Oakhurst and Crums Mill

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	29	5	0	1	0	0	0	0	0	0	0	0	35
01:00	0	23	6	0	1	0	0	0	1	0	0	0	0	31
02:00	0	16	2	0	0	0	0	0	0	0	0	0	0	18
03:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
04:00	0	24	2	0	0	0	0	0	1	0	0	0	0	27
05:00	1	107	22	2	5	0	0	0	0	0	0	0	0	137
06:00	2	270	45	0	14	<b>3</b>	0	1	<b>2</b>	0	0	0	0	337
07:00	1	<b>699</b>	87	2	8	0	0	4	1	0	0	0	0	802
08:00	2	695	<b>103</b>	2	<b>17</b>	1	0	<b>5</b>	0	0	0	0	0	<b>825</b>
09:00	<b>3</b>	526	65	<b>3</b>	16	1	<b>2</b>	4	1	0	0	0	0	621
10:00	0	492	86	1	13	1	0	3	0	0	0	0	0	596
11:00	3	517	86	2	14	0	1	3	1	0	0	0	0	627
12 PM	1	559	95	<b>4</b>	<b>18</b>	<b>3</b>	0	4	1	0	0	0	0	685
13:00	0	549	115	2	18	0	0	4	1	0	0	0	0	689
14:00	2	549	97	3	13	2	<b>1</b>	<b>8</b>	0	0	0	0	0	675
15:00	1	606	<b>131</b>	2	14	1	0	5	0	0	0	0	0	760
16:00	2	623	106	1	10	1	0	0	2	0	0	0	0	745
17:00	3	<b>713</b>	117	1	14	3	0	8	<b>3</b>	0	0	0	<b>1</b>	<b>863</b>
18:00	4	570	80	1	18	2	0	0	1	0	0	0	0	676
19:00	3	449	65	1	14	0	0	0	0	0	0	0	0	532
20:00	2	367	43	0	5	0	0	1	0	0	0	0	0	418
21:00	1	269	30	0	4	0	0	0	0	0	0	0	0	304
22:00	<b>6</b>	147	27	0	1	0	0	0	0	0	0	0	0	181
23:00	0	77	4	0	1	0	0	0	0	0	0	0	0	82
Day Total	37	8881	1421	27	220	18	4	50	15	0	0	0	1	10674
Percent	0.3%	83.2%	13.3%	0.3%	2.1%	0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	08:00	09:00	08:00	06:00	09:00	08:00	06:00					08:00
Vol.	3	699	103	3	17	3	2	5	2					825
PM Peak	22:00	17:00	15:00	12:00	12:00	12:00	14:00	14:00	17:00				17:00	17:00
Vol.	6	713	131	4	18	3	1	8	3				1	863



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

511 class  
Count 5  
Oakhurst and Crums Mill

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	32	5	0	1	0	0	0	0	0	0	0	0	38
01:00	0	16	4	0	1	0	0	0	1	0	0	0	0	22
02:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12
03:00	0	16	2	0	0	0	0	0	0	0	0	0	0	18
04:00	0	25	1	0	2	0	0	0	0	0	0	0	0	28
05:00	2	72	26	0	6	1	0	1	0	0	0	0	0	108
06:00	3	273	46	1	12	1	0	2	0	0	0	0	0	338
07:00	3	<b>648</b>	78	2	12	1	0	5	1	0	0	0	0	750
08:00	2	611	<b>125</b>	<b>6</b>	<b>32</b>	0	0	<b>7</b>	0	0	0	0	0	<b>783</b>
09:00	2	523	100	1	28	1	0	6	0	<b>1</b>	0	<b>1</b>	0	663
10:00	0	534	109	3	20	<b>2</b>	0	3	1	0	0	0	0	672
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	12	2760	498	13	114	6	0	24	3	1	0	1	0	3432
Percent	0.3%	80.4%	14.5%	0.4%	3.3%	0.2%	0.0%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	08:00	08:00	08:00	10:00		08:00	01:00	09:00		09:00		08:00
Vol.	3	648	125	6	32	2		7	1	1		1		783
PM Peak														
Vol.														
Grand Total	77	25759	3877	69	670	47	4	148	37	2	1	1	1	30693
Percent	0.3%	83.9%	12.6%	0.2%	2.2%	0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

510 speed1  
Count 5  
Oakhurst and Crums Mill

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	6	0	2	29	75	220	295	93	16	1	0	0	0	0	737	37-46	473
13:00	6	0	0	16	69	191	281	91	12	0	0	0	0	0	666	37-46	436
14:00	2	0	1	14	68	200	312	99	<b>22</b>	0	0	0	0	0	718	37-46	477
15:00	6	0	4	24	86	293	287	94	13	0	0	0	0	0	807	36-45	529
16:00	<b>9</b>	1	10	33	118	340	<b>410</b>	100	9	0	0	0	0	0	1030	36-45	681
17:00	3	1	<b>16</b>	<b>46</b>	<b>175</b>	<b>398</b>	336	<b>106</b>	4	0	0	0	0	0	<b>1085</b>	35-44	682
18:00	3	0	0	14	58	197	292	78	9	2	0	0	<b>1</b>	0	654	37-46	450
19:00	2	<b>2</b>	0	13	33	96	215	90	21	1	0	0	0	0	473	38-47	307
20:00	3	0	2	12	29	112	195	58	4	2	0	0	0	0	417	37-46	286
21:00	3	0	1	1	20	63	101	65	13	1	0	0	0	0	268	39-48	164
22:00	3	0	0	4	19	21	44	20	5	<b>3</b>	0	0	0	0	119	39-48	63
23:00	2	0	0	2	5	7	24	23	6	1	<b>1</b>	0	0	0	71	40-49	42
Total	48	4	36	208	755	2138	2792	917	134	11	1	0	1	0	7045		
Percent	0.7%	0.1%	0.5%	3.0%	10.7%	30.3%	39.6%	13.0%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak																	
Vol.																	
PM Peak	16:00	19:00	17:00	17:00	17:00	17:00	16:00	17:00	14:00	22:00	23:00		18:00		17:00		
Vol.	9	2	16	46	175	398	410	106	22	3	1		1		1085		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

510 speed1  
Count 5  
Oakhurst and Crums Mill

Eastbound																	
Start Time	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	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	1	2	3	9	13	2	1	0	1	0	0	32	41-50	20
01:00	1	0	0	0	2	3	7	9	1	0	0	0	0	0	23	41-50	14
02:00	0	0	0	1	2	3	4	3	1	0	0	0	0	0	14	35-44	7
03:00	0	0	0	0	2	4	5	0	0	0	0	0	0	0	11	36-45	8
04:00	0	0	0	0	2	2	13	10	1	0	0	0	0	0	28	40-49	21
05:00	0	0	0	1	2	10	37	27	11	1	0	0	0	0	89	40-49	59
06:00	1	0	3	5	13	31	83	78	23	2	0	0	0	1	240	41-50	148
07:00	1	0	1	12	29	102	208	100	15	2	0	0	0	0	470	38-47	309
08:00	0	0	1	13	29	120	236	88	12	2	0	0	0	0	501	38-47	343
09:00	1	0	2	21	67	213	194	61	9	1	0	0	0	0	569	36-45	373
10:00	2	0	0	10	58	172	245	70	6	0	0	0	0	0	563	37-46	384
11:00	3	0	1	21	72	248	260	81	15	1	0	0	0	0	702	36-45	464
12 PM	4	0	3	19	97	275	299	63	2	0	0	0	0	0	762	36-45	522
13:00	3	0	1	20	57	207	264	90	7	1	1	0	0	0	651	37-46	433
14:00	0	0	0	14	53	257	337	74	8	1	0	0	0	0	744	37-46	539
15:00	4	0	3	20	107	204	340	125	14	3	0	0	0	0	820	37-46	514
16:00	3	3	15	38	144	322	409	103	10	0	0	0	0	0	1047	36-45	670
17:00	1	2	34	89	186	405	278	50	6	1	0	0	0	0	1052	35-44	646
18:00	2	1	0	30	84	239	216	87	13	0	0	0	0	0	672	36-45	420
19:00	0	0	1	19	27	82	226	112	11	1	0	0	0	0	479	39-48	326
20:00	1	0	1	13	30	111	170	52	5	0	0	0	0	0	383	37-46	261
21:00	1	0	0	5	22	68	122	64	6	2	0	0	0	0	290	38-47	188
22:00	0	0	0	5	3	12	38	34	14	3	0	0	0	0	109	41-50	66
23:00	2	0	0	1	3	6	23	31	10	1	0	0	0	0	77	42-51	49
<b>Total</b>	30	6	66	358	1093	3099	4023	1425	202	23	1	1	0	1	10328		
<b>Percent</b>	0.3%	0.1%	0.6%	3.5%	10.6%	30.0%	39.0%	13.8%	2.0%	0.2%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	11:00		06:00	09:00	11:00	11:00	11:00	07:00	06:00	06:00		00:00		06:00	11:00		
<b>Vol.</b>	3		3	21	72	248	260	100	23	2		1		1	702		
<b>PM Peak</b>	12:00	16:00	17:00	17:00	17:00	17:00	16:00	15:00	15:00	15:00	13:00				17:00		
<b>Vol.</b>	4	3	34	89	186	405	409	125	14	3	1				1052		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

510 speed1  
Count 5  
Oakhurst and Crums Mill

Eastbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/14/16	0	0	0	0	1	4	5	16	0	0	0	0	0	0	26	42-51	19
01:00	0	0	0	0	0	8	12	4	2	0	0	0	0	0	26	37-46	19
02:00	0	0	0	1	1	6	6	1	0	0	0	0	0	0	15	35-44	11
03:00	1	0	0	0	0	2	5	3	3	0	0	1	0	0	15	42-51	7
04:00	0	0	0	0	4	1	12	4	6	0	0	0	0	0	27	40-49	15
05:00	1	0	0	0	6	11	28	22	10	0	1	0	0	0	79	41-50	46
06:00	1	1	0	9	8	34	99	81	21	3	0	0	0	0	257	40-49	165
07:00	3	0	3	13	34	83	174	114	19	1	0	0	0	0	444	39-48	274
08:00	5	0	5	17	32	142	236	109	13	3	0	0	0	0	562	38-47	362
09:00	2	1	9	16	48	152	217	88	11	2	0	0	0	0	546	37-46	346
10:00	0	12	37	12	42	112	231	101	14	2	1	0	0	0	564	38-47	335
11:00	5	0	1	12	53	228	304	95	14	1	0	0	0	0	713	37-46	487
12 PM	7	0	1	25	63	212	287	134	20	0	0	0	0	0	749	37-46	468
13:00	1	0	2	9	57	206	268	119	21	4	0	0	0	0	687	37-46	444
14:00	3	0	2	22	51	178	307	124	13	2	0	0	0	0	702	38-47	462
15:00	3	0	1	13	64	278	325	127	9	0	0	0	0	0	820	37-46	555
16:00	31	15	21	81	136	271	385	138	5	0	0	0	0	0	1083	37-46	596
17:00	349	196	85	81	68	82	100	65	11	0	0	0	0	0	1037	6-15	430
18:00	4	1	0	24	57	174	263	152	34	2	0	0	0	0	711	38-47	426
19:00	3	0	1	13	51	114	248	141	19	2	0	0	0	0	592	39-48	377
20:00	4	0	1	8	49	109	186	76	7	2	1	0	1	0	444	38-47	280
21:00	2	0	0	4	30	79	123	55	13	0	0	0	0	0	306	37-46	192
22:00	2	0	1	4	8	23	57	40	16	1	0	0	0	0	152	40-49	90
23:00	3	0	0	1	5	17	32	29	10	1	0	0	0	0	98	40-49	56
Total	430	226	170	365	868	2526	3910	1838	291	26	3	1	1	0	10655		
Percent	4.0%	2.1%	1.6%	3.4%	8.1%	23.7%	36.7%	17.3%	2.7%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	10:00	08:00	11:00	11:00	11:00	07:00	06:00	11:00	05:00	03:00			11:00		
Vol.	5	12	37	17	53	228	304	114	21	3	1	1			713		
PM Peak	17:00	17:00	17:00	16:00	16:00	15:00	16:00	18:00	18:00	13:00	20:00		20:00		16:00		
Vol.	349	196	85	81	136	278	385	152	34	4	1		1		1083		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

510 speed1  
Count 5  
Oakhurst and Crums Mill

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
07/15/16	0	0	0	0	0	7	8	12	2	2	0	0	0	0	31	40-49	19
01:00	0	0	2	0	1	7	6	7	5	1	0	0	0	0	29	37-46	13
02:00	0	0	0	3	1	1	4	4	1	1	0	0	0	0	15	42-51	7
03:00	1	0	0	1	1	4	7	4	1	1	0	0	0	0	20	38-47	11
04:00	0	0	0	2	2	2	7	6	3	0	1	1	0	0	24	41-50	12
05:00	1	0	0	1	8	10	38	23	8	3	0	0	0	0	92	40-49	56
06:00	3	0	1	4	10	22	95	80	16	2	0	1	0	0	234	41-50	157
07:00	1	0	3	14	27	61	168	130	22	1	0	0	0	0	427	40-49	275
08:00	2	0	2	12	27	142	231	95	8	3	0	0	0	0	522	38-47	353
09:00	2	0	1	19	56	201	257	87	17	0	0	0	0	0	640	37-46	422
10:00	6	0	4	13	60	216	301	73	7	1	0	0	0	0	681	37-46	470
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	16	0	13	69	193	673	1122	521	90	15	1	2	0	0	2715		
Percent	0.6%	0.0%	0.5%	2.5%	7.1%	24.8%	41.3%	19.2%	3.3%	0.6%	0.0%	0.1%	0.0%	0.0%			
AM Peak	10:00		10:00	09:00	10:00	10:00	10:00	07:00	07:00	05:00	04:00	04:00			10:00		
Vol.	6		4	19	60	216	301	130	22	3	1	1			681		
PM Peak																	
Vol.	524	236	285	1000	2909	8436	11847	4701	717	75	6	4	2	1	30743		
Percent	1.7%	0.8%	0.9%	3.3%	9.5%	27.4%	38.5%	15.3%	2.3%	0.2%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 33 MPH  
50th Percentile : 40 MPH  
85th Percentile : 46 MPH  
95th Percentile : 49 MPH

Stats  
10 MPH Pace Speed : 37-46 MPH  
Number in Pace : 18703  
Percent in Pace : 60.8%  
Number of Vehicles > 55 MPH : 88  
Percent of Vehicles > 55 MPH : 0.3%  
Mean Speed(Average) : 40 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

511 Speed1  
Count 5  
Oakhurst and Crums Mill

Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	1	0	0	<b>19</b>	99	269	250	45	3	1	0	0	0	0	687	36-45	473
13:00	1	0	1	14	76	245	260	73	10	2	0	0	0	0	682	36-45	462
14:00	<b>5</b>	0	0	12	65	236	243	76	2	1	0	0	0	0	640	36-45	436
15:00	5	0	0	13	<b>112</b>	250	297	62	5	0	<b>1</b>	0	0	0	745	36-45	500
16:00	3	0	2	16	79	254	268	<b>91</b>	8	0	0	0	0	0	721	36-45	478
17:00	1	0	2	13	109	<b>298</b>	<b>300</b>	64	5	<b>3</b>	0	0	0	0	<b>795</b>	36-45	546
18:00	2	0	1	9	46	187	257	80	8	0	0	0	0	0	590	37-46	409
19:00	3	<b>3</b>	2	7	44	143	222	70	<b>11</b>	0	1	0	0	0	506	37-46	338
20:00	1	0	<b>3</b>	8	33	110	222	56	5	0	0	0	0	0	438	37-46	311
21:00	0	0	0	1	17	62	138	54	5	0	0	0	0	0	277	38-47	197
22:00	1	0	0	3	6	24	73	31	8	1	0	0	0	0	147	39-48	101
23:00	0	0	0	2	6	12	31	18	7	2	0	0	0	0	78	39-48	47
<b>Total</b>	<b>23</b>	<b>3</b>	<b>11</b>	<b>117</b>	<b>692</b>	<b>2090</b>	<b>2561</b>	<b>720</b>	<b>77</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6306</b>		
Percent	0.4%	0.0%	0.2%	1.9%	11.0%	33.1%	40.6%	11.4%	1.2%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	14:00	19:00	20:00	12:00	15:00	17:00	17:00	16:00	19:00	17:00	15:00				17:00		
	5	3	3	19	112	298	300	91	11	3	1				795		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

511 Speed1  
Count 5  
Oakhurst and Crums Mill

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	1	1	10	14	8	6	0	0	0	0	0	40	38-47	23
01:00	0	0	0	1	0	4	5	7	0	0	0	0	0	0	17	41-50	11
02:00	0	0	0	0	1	5	4	6	1	0	0	0	0	0	17	39-48	10
03:00	0	0	0	0	0	2	2	1	1	0	0	0	0	0	6	36-45	4
04:00	1	0	0	0	0	6	11	2	1	1	0	0	0	0	22	37-46	15
05:00	0	0	1	0	4	13	52	49	13	2	1	0	0	0	135	41-50	92
06:00	0	0	2	2	8	52	154	98	19	4	0	0	0	0	339	40-49	236
07:00	0	0	0	5	58	246	342	127	9	0	1	0	0	0	788	37-46	548
08:00	3	0	0	8	59	271	328	79	3	1	0	0	0	0	752	36-45	542
09:00	3	0	0	12	82	238	217	58	8	0	0	0	0	0	618	36-45	416
10:00	1	0	1	21	91	245	196	44	4	1	0	0	0	0	604	35-44	407
11:00	2	0	4	6	76	223	241	61	7	0	0	0	0	0	620	36-45	424
12 PM	1	0	2	37	117	280	258	50	5	1	0	0	0	0	751	35-44	494
13:00	2	0	0	19	61	260	276	83	5	1	0	0	0	0	707	36-45	488
14:00	4	0	3	17	81	258	284	69	5	0	0	0	0	0	721	36-45	493
15:00	0	0	2	9	85	263	276	96	6	0	0	0	0	0	737	36-45	496
16:00	2	0	1	8	57	241	289	98	12	1	0	0	0	0	709	37-46	485
17:00	1	0	4	23	98	273	313	72	1	0	0	0	0	0	785	36-45	536
18:00	0	0	2	19	98	212	190	53	3	1	0	0	0	0	578	35-44	374
19:00	0	0	1	4	30	144	202	74	8	0	1	0	0	0	464	37-46	322
20:00	0	0	0	7	38	94	189	61	6	0	0	0	0	0	395	38-47	270
21:00	0	0	0	5	13	48	130	50	12	1	0	0	0	0	259	39-48	179
22:00	0	0	0	3	12	18	57	36	7	0	0	0	0	0	133	40-49	87
23:00	0	0	1	1	4	8	26	33	11	0	0	0	0	0	84	42-51	54
<b>Total</b>	<b>20</b>	<b>0</b>	<b>24</b>	<b>208</b>	<b>1074</b>	<b>3414</b>	<b>4056</b>	<b>1315</b>	<b>153</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10281</b>		
Percent	0.2%	0.0%	0.2%	2.0%	10.4%	33.2%	39.5%	12.8%	2.0%	1.5%	0.1%	0.0%	0.0%	0.0%			
AM Peak	08:00		11:00	10:00	10:00	08:00	07:00	07:00	06:00	06:00	05:00				07:00		
Vol.	3		4	21	91	271	342	127	19	4	1				788		
PM Peak	14:00		17:00	12:00	12:00	12:00	17:00	16:00	16:00	12:00	19:00				17:00		
Vol.	4		4	37	117	280	313	98	12	1	1				785		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

511 Speed1  
Count 5  
Oakhurst and Crums Mill

Westbound																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/14/16	1	0	0	0	2	7	12	8	5	0	0	0	0	0	35	40-49	19
01:00	0	0	0	0	0	6	7	15	3	0	0	0	0	0	31	42-51	21
02:00	0	0	0	0	0	5	6	7	0	0	0	0	0	0	18	41-50	12
03:00	0	0	0	0	0	2	4	2	0	0	0	0	0	0	8	39-48	6
04:00	0	0	0	0	1	3	13	5	4	1	0	0	0	0	27	40-49	17
05:00	0	0	0	2	1	22	68	34	7	2	0	1	0	0	137	39-48	97
06:00	2	0	0	3	8	43	144	112	23	2	0	0	0	0	337	40-49	233
07:00	1	0	0	14	59	230	350	140	7	1	0	0	0	0	802	37-46	546
08:00	0	0	0	13	69	329	329	80	4	1	0	0	0	0	825	36-45	597
09:00	3	0	1	9	73	236	244	48	6	1	0	0	0	0	621	36-45	435
10:00	1	0	0	9	71	171	251	87	6	0	0	0	0	0	596	37-46	394
11:00	1	0	4	17	57	259	218	65	6	0	0	0	0	0	627	36-45	434
12 PM	2	0	0	20	73	254	259	70	6	0	1	0	0	0	685	36-45	468
13:00	3	0	1	14	76	258	252	77	8	0	0	0	0	0	689	36-45	466
14:00	2	0	2	17	64	235	256	90	9	0	0	0	0	0	675	36-45	449
15:00	0	1	2	35	108	266	247	91	8	2	0	0	0	0	760	36-45	475
16:00	2	0	2	15	61	229	299	124	13	0	0	0	0	0	745	37-46	492
17:00	4	0	2	16	118	324	331	63	4	1	0	0	0	0	863	36-45	596
18:00	6	0	0	5	51	172	328	100	13	1	0	0	0	0	676	37-46	468
19:00	1	0	0	7	32	147	237	102	6	0	0	0	0	0	532	38-47	365
20:00	1	0	0	10	33	103	189	73	8	1	0	0	0	0	418	38-47	279
21:00	0	0	1	11	6	55	163	60	8	0	0	0	0	0	304	39-48	221
22:00	1	0	0	1	10	23	82	50	14	0	0	0	0	0	181	40-49	122
23:00	0	0	0	0	6	14	26	26	10	0	0	0	0	0	82	41-50	49
<b>Total</b>	<b>31</b>	<b>1</b>	<b>15</b>	<b>218</b>	<b>979</b>	<b>3393</b>	<b>4315</b>	<b>1529</b>	<b>178</b>	<b>13</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10674</b>		
<b>Percent</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>2.0%</b>	<b>9.2%</b>	<b>31.8%</b>	<b>40.4%</b>	<b>14.3%</b>	<b>1.7%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>09:00</b>		<b>11:00</b>	<b>11:00</b>	<b>09:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>06:00</b>	<b>05:00</b>		<b>05:00</b>			<b>08:00</b>		
<b>Vol.</b>	<b>3</b>		<b>4</b>	<b>17</b>	<b>73</b>	<b>329</b>	<b>350</b>	<b>140</b>	<b>23</b>	<b>2</b>		<b>1</b>			<b>825</b>		
<b>PM Peak</b>	<b>18:00</b>	<b>15:00</b>	<b>14:00</b>	<b>15:00</b>	<b>17:00</b>	<b>17:00</b>	<b>17:00</b>	<b>16:00</b>	<b>22:00</b>	<b>15:00</b>	<b>12:00</b>				<b>17:00</b>		
<b>Vol.</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>35</b>	<b>118</b>	<b>324</b>	<b>331</b>	<b>124</b>	<b>14</b>	<b>2</b>	<b>1</b>				<b>863</b>		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

511 Speed1  
Count 5  
Oakhurst and Crums Mill

Westbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
07/15/16	1	0	0	0	4	8	11	11	3	0	0	0	0	0	38	40-49	21
01:00	0	0	0	0	0	2	6	10	2	2	0	0	0	0	22	41-50	15
02:00	1	0	0	0	1	0	6	4	0	0	0	0	0	0	12	41-50	8
03:00	0	0	0	1	1	1	12	2	1	0	0	0	0	0	18	39-48	14
04:00	1	0	0	0	0	5	9	11	2	0	0	0	0	0	28	40-49	18
05:00	0	0	0	0	5	12	37	42	8	4	0	0	0	0	108	41-50	72
06:00	0	0	0	0	11	47	140	111	25	3	1	0	0	0	338	40-49	231
07:00	0	0	0	6	40	177	387	129	11	0	0	0	0	0	750	38-47	545
08:00	2	0	0	6	48	268	363	90	6	0	0	0	0	0	783	37-46	575
09:00	2	0	2	10	41	249	281	70	8	0	0	0	0	0	663	36-45	479
10:00	1	0	1	18	71	224	275	76	6	0	0	0	0	0	672	36-45	456
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>41</b>	<b>222</b>	<b>993</b>	<b>1527</b>	<b>556</b>	<b>72</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3432</b>		
Percent	0.2%	0.0%	0.1%	1.2%	6.5%	28.9%	44.5%	16.2%	2.1%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00		09:00	10:00	10:00	08:00	07:00	07:00	06:00	05:00	06:00				08:00		
Vol.	2		2	18	71	268	387	129	25	4	1				783		
PM Peak																	
Vol.	82	4	53	584	2967	9890	12459	4120	480	46	7	1	0	0	30693		
Percent	0.3%	0.0%	0.2%	1.9%	9.7%	32.2%	40.6%	13.4%	1.6%	0.1%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 35 MPH  
 50th Percentile : 40 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 48 MPH

Stats  
 10 MPH Pace Speed : 37-46 MPH  
 Number in Pace : 20539  
 Percent in Pace : 66.9%  
 Number of Vehicles > 55 MPH : 54  
 Percent of Vehicles > 55 MPH : 0.2%  
 Mean Speed(Average) : 41 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

610 class  
Count 6  
Patton and Blue Mtn. Parkway

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	3	139	35	1	7	0	0	2	0	0	0	0	0	7	194	
13:00	1	366	107	2	15	0	0	3	1	0	0	0	0	1	496	
14:00	5	369	102	2	10	1	0	9	2	0	0	0	0	0	500	
15:00	8	384	119	5	22	2	0	5	3	0	0	0	0	5	553	
16:00	3	536	129	4	34	1	0	2	0	0	0	0	0	5	714	
17:00	9	696	140	1	17	1	0	2	0	0	0	0	0	3	869	
18:00	14	626	113	1	11	0	0	3	0	0	0	0	0	0	768	
19:00	5	355	79	0	8	0	0	2	0	0	0	0	0	0	449	
20:00	2	281	48	0	6	0	0	1	0	0	0	0	0	0	338	
21:00	3	170	26	0	6	1	0	0	0	0	0	0	0	0	206	
22:00	0	106	18	0	2	0	0	2	1	0	0	0	0	0	129	
23:00	0	45	5	0	2	0	0	1	0	0	0	0	0	0	53	
Total	53	4073	921	16	140	6	0	32	7	0	0	0	0	21	5269	
Percent	1.0%	77.3%	17.5%	0.3%	2.7%	0.1%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%		
AM Peak Vol.																
PM Peak Vol.	18:00 14	17:00 696	17:00 140	15:00 5	16:00 34	15:00 2		14:00 9	15:00 3					12:00 7		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

610 class  
Count 6  
Patton and Blue Mtn. Parkway

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	0	32	7	0	0	0	0	0	0	0	0	0	0	0	39
01:00	1	9	3	0	0	0	0	0	2	0	0	0	0	0	15
02:00	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
03:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
04:00	0	11	4	0	0	0	0	0	0	0	0	0	0	0	15
05:00	0	35	16	1	0	1	0	0	1	0	0	0	0	0	54
06:00	0	109	20	0	6	0	0	2	0	0	0	0	0	0	137
07:00	0	424	89	10	25	0	0	5	0	0	0	0	0	0	553
08:00	1	333	87	5	15	2	1	2	1	0	0	0	0	1	448
09:00	1	272	82	2	11	0	1	4	0	0	0	0	0	0	373
10:00	2	262	91	4	13	0	0	2	1	0	0	0	0	0	375
11:00	1	357	85	3	20	1	1	3	0	0	0	0	0	0	471
12 PM	4	349	78	3	24	2	0	6	1	0	0	0	0	1	468
13:00	7	354	92	3	22	1	0	6	0	0	0	0	0	1	486
14:00	0	395	96	1	17	0	0	8	2	0	0	0	0	0	519
15:00	1	430	111	6	21	0	0	4	2	0	0	0	0	0	575
16:00	1	573	131	4	14	0	0	5	0	0	0	0	0	1	729
17:00	2	709	144	0	23	1	0	6	0	0	0	0	0	3	888
18:00	5	606	120	4	21	0	0	5	0	0	0	0	0	1	762
19:00	3	330	71	0	12	0	0	2	0	0	0	0	0	1	419
20:00	2	249	44	0	6	0	0	3	0	0	0	0	0	2	306
21:00	1	187	41	0	5	0	0	0	0	0	0	0	0	0	234
22:00	1	113	23	0	2	0	0	0	0	0	0	0	0	0	139
23:00	2	56	15	0	0	0	0	0	0	0	0	0	0	0	73
Total	35	6213	1452	46	257	8	3	63	10	0	0	0	0	11	8098
Percent	0.4%	76.7%	17.9%	0.6%	3.2%	0.1%	0.0%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	
AM Peak	10:00	07:00	10:00	07:00	07:00	08:00	08:00	07:00	01:00					08:00	
Vol.	2	424	91	10	25	2	1	5	2					1	
PM Peak	13:00	17:00	17:00	15:00	12:00	12:00		14:00	14:00					17:00	
Vol.	7	709	144	6	24	2		8	2					3	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

610 class  
Count 6  
Patton and Blue Mtn. Parkway

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	32	4	1	0	0	0	0	0	0	0	0	0	0	37
01:00	0	14	2	0	0	0	0	0	0	0	0	0	0	0	16
02:00	0	10	2	1	0	1	0	0	1	0	0	0	0	0	15
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
04:00	0	16	2	0	0	0	0	0	0	0	0	0	0	0	18
05:00	0	30	9	0	0	0	0	0	0	0	0	0	0	0	39
06:00	0	95	21	1	9	0	2	1	0	0	0	0	0	1	130
07:00	1	390	80	10	14	0	0	1	0	0	0	0	0	0	496
08:00	1	309	96	5	16	0	1	5	0	0	0	0	0	0	433
09:00	3	270	78	0	17	1	0	1	0	0	0	0	0	1	371
10:00	1	302	90	1	27	1	0	6	1	1	0	0	0	0	430
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	6	1473	386	19	83	3	3	14	2	1	0	0	0	2	1992
Percent	0.3%	73.9%	19.4%	1.0%	4.2%	0.2%	0.2%	0.7%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	
AM Peak	09:00	07:00	08:00	07:00	10:00	02:00	06:00	10:00	02:00	10:00				06:00	
Vol.	3	390	96	10	27	1	2	6	1	1				1	
PM Peak															
Vol.															
Grand Total	94	11759	2759	81	480	17	6	109	19	1	0	0	0	34	15359
Percent	0.6%	76.6%	18.0%	0.5%	3.1%	0.1%	0.0%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

611 class  
Count 6  
Patton and Blue Mtn. Parkway

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	244	69	0	28	1	0	4	1	0	0	0	0	8	355
13:00	0	343	75	2	27	0	0	1	0	0	0	0	0	2	450
14:00	1	319	73	2	24	0	0	5	1	0	0	0	0	8	433
15:00	0	459	110	14	23	1	0	8	0	0	0	0	0	9	624
16:00	0	424	97	4	33	0	0	4	0	0	0	0	0	3	565
17:00	0	483	102	1	29	0	0	7	0	0	0	0	0	4	626
18:00	1	395	86	1	23	0	0	4	0	0	0	0	0	10	520
19:00	0	325	76	0	23	0	0	2	0	0	0	0	0	8	434
20:00	2	367	96	1	21	0	0	2	0	0	0	0	0	7	496
21:00	0	224	44	0	12	0	0	0	0	0	0	0	0	3	283
22:00	0	123	25	0	3	0	0	0	0	0	0	0	0	2	153
23:00	0	59	8	0	1	0	0	0	1	0	0	0	0	0	69
Total	4	3765	861	25	247	2	0	37	3	0	0	0	0	64	5008
Percent	0.1%	75.2%	17.2%	0.5%	4.9%	0.0%	0.0%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	1.3%	
AM Peak Vol.															
PM Peak Vol.	20:00	17:00	15:00	15:00	16:00	12:00		15:00	12:00					18:00	
	2	483	110	14	33	1		8	1					10	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

611 class  
Count 6  
Patton and Blue Mtn. Parkway

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	0	30	4	0	1	0	0	0	0	0	0	0	0	1	36
01:00	0	14	3	0	1	0	0	0	0	0	0	0	0	0	18
02:00	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
03:00	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
04:00	0	7	2	0	3	0	0	0	1	0	0	0	0	0	13
05:00	0	29	13	0	4	1	0	0	0	0	0	0	0	0	47
06:00	0	118	32	3	10	2	0	1	1	0	0	0	0	1	168
07:00	0	337	81	9	28	1	0	3	1	0	0	0	0	2	462
08:00	0	489	102	8	29	2	0	5	1	0	0	0	0	3	639
09:00	0	406	104	7	30	0	1	6	1	0	0	0	0	3	558
10:00	0	303	97	2	34	1	0	10	3	0	0	0	0	2	452
11:00	0	318	89	2	30	1	0	5	0	0	0	0	0	1	446
12 PM	0	316	60	1	28	0	0	5	1	0	0	0	0	10	421
13:00	1	338	95	4	32	2	0	4	0	0	0	0	0	8	484
14:00	0	353	70	2	34	0	0	8	1	0	0	0	0	3	471
15:00	0	448	102	13	28	0	0	8	0	0	0	0	0	6	605
16:00	0	468	111	3	33	0	0	5	0	0	0	0	0	5	625
17:00	0	491	107	3	33	0	0	2	0	0	0	0	0	6	642
18:00	0	387	69	0	25	0	0	0	0	0	1	0	0	3	485
19:00	2	309	70	4	16	0	0	3	0	0	0	0	0	2	406
20:00	2	322	81	0	22	0	0	2	0	0	0	0	0	1	430
21:00	1	230	50	0	6	0	0	1	0	0	0	0	0	3	291
22:00	0	126	20	0	2	0	0	0	0	0	0	0	0	0	148
23:00	0	63	9	0	2	0	0	0	0	0	0	0	0	2	76
Total	6	5915	1373	61	431	10	1	68	10	0	1	0	0	62	7938
Percent	0.1%	74.5%	17.3%	0.8%	5.4%	0.1%	0.0%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.8%	
AM Peak		08:00	09:00	07:00	10:00	06:00	09:00	10:00	10:00					08:00	
Vol.		489	104	9	34	2	1	10	3					3	
PM Peak	19:00	17:00	16:00	15:00	14:00	13:00		14:00	12:00		18:00			12:00	
Vol.	2	491	111	13	34	2		8	1		1			10	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

611 class  
Count 6  
Patton and Blue Mtn. Parkway

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	33	5	0	2	0	0	0	0	0	0	0	0	0	40
01:00	0	20	2	0	0	0	0	0	0	0	0	0	0	0	22
02:00	0	13	1	0	1	0	0	0	0	0	0	0	0	0	15
03:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
04:00	0	7	4	0	3	1	0	0	0	0	0	0	0	0	15
05:00	0	29	13	0	7	0	0	0	0	0	0	0	0	0	49
06:00	1	86	14	5	8	0	1	3	0	0	0	0	0	0	118
07:00	0	305	73	8	27	1	0	6	0	0	0	0	0	3	423
08:00	0	448	113	9	41	0	0	10	0	0	0	0	0	4	625
09:00	1	299	102	1	36	0	0	6	0	0	0	0	0	6	451
10:00	0	300	79	2	27	1	0	10	1	0	0	0	0	5	425
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	2	1545	409	25	152	3	1	35	1	0	0	0	0	18	2191
Percent	0.1%	70.5%	18.7%	1.1%	6.9%	0.1%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	
AM Peak	06:00	08:00	08:00	08:00	08:00	04:00	06:00	08:00	10:00					09:00	
Vol.	1	448	113	9	41	1	1	10	1					6	
PM Peak															
Vol.															
Grand Total	12	11225	2643	111	830	15	2	140	14	0	1	0	0	144	15137
Percent	0.1%	74.2%	17.5%	0.7%	5.5%	0.1%	0.0%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	1.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

610 speed1  
Count 6  
Patton and Blue Mtn. Parkway

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	43	59	59	28	5	0	0	0	0	0	0	0	0	0	194	34-43	56
13:00	<b>63</b>	127	199	96	10	1	0	0	0	0	0	0	0	0	496	37-46	181
14:00	61	142	207	75	13	1	1	0	0	0	0	0	0	0	500	36-45	187
15:00	51	114	235	129	22	1	1	0	0	0	0	0	0	0	553	39-48	228
16:00	51	179	306	154	24	0	0	0	0	0	0	0	0	0	714	38-47	301
17:00	48	190	<b>375</b>	<b>223</b>	<b>30</b>	2	1	0	0	0	0	0	0	0	<b>869</b>	39-48	394
18:00	39	<b>202</b>	361	151	14	1	0	0	0	0	0	0	0	0	768	38-47	353
19:00	27	61	200	135	23	2	1	0	0	0	0	0	0	0	449	40-49	226
20:00	20	68	144	94	12	0	0	0	0	0	0	0	0	0	338	39-48	155
21:00	8	28	99	53	15	<b>3</b>	0	0	0	0	0	0	0	0	206	40-49	109
22:00	5	22	45	41	13	1	<b>2</b>	0	0	0	0	0	0	0	129	40-49	59
23:00	0	7	20	18	7	1	0	0	0	0	0	0	0	0	53	41-50	29
Total	416	1199	2250	1197	188	13	6	0	0	0	0	0	0	0	5269		
Percent	7.9%	22.8%	42.7%	22.7%	3.6%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	13:00	18:00	17:00	17:00	17:00	21:00	22:00								17:00		
	63	202	375	223	30	3	2								869		







# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

611 speed1  
Count 6  
Patton and Blue Mtn. Parkway

Westbound																		
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	999	Total	Pace Speed	Number in Pace
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	106	102	112	32	3	0	0	0	0	0	0	0	0	0	0	355	18-27	93
13:00	54	118	190	79	9	0	0	0	0	0	0	0	0	0	0	450	37-46	171
14:00	68	113	162	74	15	1	0	0	0	0	0	0	0	0	0	433	36-45	144
15:00	<b>115</b>	<b>166</b>	236	94	13	0	0	0	0	0	0	0	0	0	0	624	36-45	200
16:00	47	143	226	129	17	3	0	0	0	0	0	0	0	0	0	565	38-47	225
17:00	42	141	<b>242</b>	171	26	4	0	0	0	0	0	0	0	0	0	<b>626</b>	39-48	263
18:00	60	93	162	<b>173</b>	<b>30</b>	2	0	0	0	0	0	0	0	0	0	520	40-49	195
19:00	36	93	173	111	17	3	<b>1</b>	0	0	0	0	0	0	0	0	434	39-48	178
20:00	32	130	226	93	10	<b>5</b>	0	0	0	0	0	0	0	0	0	496	37-46	218
21:00	25	61	117	70	9	1	0	0	0	0	0	0	0	0	0	283	39-48	117
22:00	9	32	72	30	8	2	0	0	0	0	0	0	0	0	0	153	38-47	70
23:00	4	11	32	17	4	0	0	<b>1</b>	0	0	0	0	0	0	0	69	40-49	33
Total	598	1203	1950	1073	161	21	1	1	0	0	0	0	0	0	0	5008		
Percent	11.9%	24.0%	38.9%	21.4%	3.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																		
PM Peak Vol.	15:00	15:00	17:00	18:00	18:00	20:00	19:00	23:00								17:00		
	115	166	242	173	30	5	1	1								626		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

611 speed1  
Count 6  
Patton and Blue Mtn. Parkway

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	999	Total	Pace Speed	Number in Pace
05/27/16	2	3	17	12	6	0	0	0	0	0	0	0	0	0	0	40	41-50	21
01:00	1	2	14	3	2	0	0	0	0	0	0	0	0	0	0	22	39-48	13
02:00	0	2	5	3	4	1	0	0	0	0	0	0	0	0	0	15	44-53	6
03:00	0	1	4	2	1	0	0	0	0	0	0	0	0	0	0	8	38-47	5
04:00	2	2	4	3	4	0	0	0	0	0	0	0	0	0	0	15	46-55	4
05:00	1	3	16	18	11	0	0	0	0	0	0	0	0	0	0	49	42-51	28
06:00	7	12	30	40	21	7	1	0	0	0	0	0	0	0	0	118	42-51	51
07:00	21	80	144	147	26	4	0	1	0	0	0	0	0	0	0	423	40-49	190
08:00	84	91	278	134	36	2	0	0	0	0	0	0	0	0	0	625	39-48	248
09:00	39	117	177	103	13	2	0	0	0	0	0	0	0	0	0	451	38-47	177
10:00	71	118	137	86	12	1	0	0	0	0	0	0	0	0	0	425	36-45	131
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	228	431	826	551	136	17	1	1	0	0	0	0	0	0	0	2191		
Percent	10.4%	19.7%	37.7%	25.1%	6.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	08:00	07:00	08:00	06:00	06:00	07:00								08:00		
Vol.	84	118	278	147	36	7	1	1								625		
PM Peak																		
Vol.	1613	3367	5914	3548	617	69	6	3	0	0	0	0	0	0	0	15137		
Percent	10.7%	22.2%	39.1%	23.4%	4.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 19 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 49 MPH

Stats  
 10 MPH Pace Speed : 39-48 MPH  
 Number in Pace : 5753  
 Percent in Pace : 38.0%  
 Number of Vehicles > 55 MPH : 78  
 Percent of Vehicles > 55 MPH : 0.5%  
 Mean Speed(Average) : 35 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 class  
Count 7  
Mountain and Balthaser

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	1	86	28	1	11	2	0	2	0	0	0	0	0	10	141
12 PM	2	159	63	0	11	4	1	3	0	0	0	0	0	5	248
13:00	5	158	60	3	14	0	1	5	2	0	0	0	0	10	258
14:00	5	172	53	3	10	5	1	3	1	0	0	0	0	22	275
15:00	10	208	74	2	11	1	0	6	1	0	0	0	0	19	332
16:00	7	309	90	2	20	8	0	2	0	0	0	0	0	23	461
17:00	11	417	96	0	17	5	0	2	0	0	0	0	0	16	564
18:00	9	335	60	1	14	2	0	5	0	0	0	0	0	12	438
19:00	6	230	45	0	5	0	0	0	0	0	0	0	0	6	292
20:00	4	181	38	0	8	1	0	2	0	0	0	0	0	14	248
21:00	4	128	21	0	4	1	0	2	0	0	0	0	0	2	162
22:00	0	59	15	0	3	0	0	1	0	0	0	0	0	2	80
23:00	1	40	8	0	2	0	0	0	0	0	0	0	0	0	51
Total	65	2482	651	12	130	29	3	33	4	0	0	0	0	141	3550
Percent	1.8%	69.9%	18.3%	0.3%	3.7%	0.8%	0.1%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	4.0%	
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00		11:00							11:00
Vol.	1	86	28	1	11	2		2							10
PM Peak	17:00	17:00	17:00	13:00	16:00	16:00	12:00	15:00	13:00						16:00
Vol.	11	417	96	3	20	8	1	6	2						23

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 class  
Count 7  
Mountain and Balthaser

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	1	23	4	0	0	0	0	0	0	0	0	0	0	0	28
01:00	0	9	2	0	1	0	0	0	2	0	0	0	0	0	14
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
04:00	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
05:00	0	28	7	1	1	1	0	0	0	0	0	0	0	3	41
06:00	0	85	19	2	7	0	0	3	0	0	0	0	0	2	118
07:00	3	345	56	7	18	2	0	5	0	0	0	0	0	28	464
08:00	1	157	41	4	8	3	0	3	0	0	0	0	0	16	233
09:00	3	145	36	2	8	2	0	0	0	0	0	0	0	15	211
10:00	6	131	47	3	9	1	0	2	1	0	0	0	0	9	209
11:00	2	159	52	3	15	0	0	2	0	0	0	0	0	10	243
12 PM	3	166	54	1	13	0	0	3	1	0	0	0	0	6	247
13:00	7	167	50	2	13	0	1	5	0	0	0	0	0	11	256
14:00	3	208	62	3	11	1	0	4	1	0	0	0	0	12	305
15:00	3	231	54	0	14	2	0	3	0	0	0	0	0	10	317
16:00	6	350	86	3	15	4	0	3	0	0	0	0	0	25	492
17:00	9	398	82	1	23	1	0	4	0	0	0	0	0	18	536
18:00	4	290	67	4	10	3	0	4	0	0	0	0	0	21	403
19:00	3	185	44	0	2	1	0	1	0	0	0	0	0	9	245
20:00	3	162	41	0	9	0	0	2	0	0	0	0	0	5	222
21:00	2	155	26	0	2	0	0	1	0	0	0	0	0	2	188
22:00	0	85	23	0	0	0	0	0	1	0	0	0	0	1	110
23:00	1	40	12	0	2	0	0	0	0	0	0	0	0	0	55
Total	60	3542	870	36	181	21	1	45	6	0	0	0	0	203	4965
Percent	1.2%	71.3%	17.5%	0.7%	3.6%	0.4%	0.0%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	4.1%	
AM Peak	10:00	07:00	07:00	07:00	07:00	08:00		07:00	01:00					07:00	
Vol.	6	345	56	7	18	3		5	2					28	
PM Peak	17:00	17:00	16:00	18:00	17:00	16:00	13:00	13:00	12:00					16:00	
Vol.	9	398	86	4	23	4	1	5	1					25	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 class  
Count 7  
Mountain and Balthaser

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	21	1	1	0	0	0	0	0	0	0	0	0	0	23
01:00	0	10	0	0	1	0	0	0	0	1	0	0	0	1	13
02:00	0	6	1	0	1	0	0	0	0	0	0	0	0	0	8
03:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
04:00	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
05:00	1	21	5	0	0	0	0	0	0	0	0	0	0	0	27
06:00	0	72	20	1	5	0	0	0	0	0	0	0	0	1	99
07:00	3	301	60	13	12	2	0	0	0	0	0	0	0	17	408
08:00	0	133	42	5	8	1	1	1	0	0	0	0	0	13	204
09:00	3	114	54	7	10	0	1	1	0	0	0	0	0	9	199
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	7	700	186	27	37	3	2	2	0	1	0	0	0	41	1006
Percent	0.7%	69.6%	18.5%	2.7%	3.7%	0.3%	0.2%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	4.1%	
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00		01:00				07:00	
Vol.	3	301	60	13	12	2	1	1		1				17	
PM Peak															
Vol.															
Grand Total	132	6724	1707	75	348	53	6	80	10	1	0	0	0	385	9521
Percent	1.4%	70.6%	17.9%	0.8%	3.7%	0.6%	0.1%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	4.0%	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 class  
Count 7  
Mountain and Balthaser

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	2	87	25	1	8	0	0	1	0	0	0	0	0	13	137
12 PM	1	203	42	1	20	1	1	4	1	0	0	0	0	7	281
13:00	1	185	43	2	9	3	0	3	1	0	0	0	0	11	258
14:00	3	244	32	7	16	1	0	4	0	0	0	0	0	21	328
15:00	5	290	58	3	14	5	0	6	0	0	0	0	0	18	399
16:00	1	280	47	2	18	3	0	2	0	0	0	0	0	26	379
17:00	3	321	42	0	18	1	0	6	0	0	0	0	0	20	411
18:00	2	236	45	2	13	0	0	1	0	0	0	0	0	20	319
19:00	3	177	29	0	4	0	0	0	0	0	0	0	0	14	227
20:00	5	247	33	0	8	1	0	0	0	0	0	0	0	13	307
21:00	2	108	10	0	2	0	0	1	0	0	0	0	0	2	125
22:00	2	103	10	0	1	0	0	0	0	0	0	0	0	1	117
23:00	0	38	8	0	0	0	0	0	0	0	0	0	0	0	46
Total	30	2519	424	18	131	15	1	28	2	0	0	0	0	166	3334
Percent	0.9%	75.6%	12.7%	0.5%	3.9%	0.4%	0.0%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	5.0%	
AM Peak	11:00	11:00	11:00	11:00	11:00			11:00						11:00	
Vol.	2	87	25	1	8			1						13	
PM Peak	15:00	17:00	15:00	14:00	12:00	15:00	12:00	15:00	12:00					16:00	
Vol.	5	321	58	7	20	5	1	6	1					26	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 class  
Count 7  
Mountain and Balthaser

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	1	18	0	0	0	0	0	0	0	0	0	0	0	0	19
01:00	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
02:00	2	4	1	0	0	0	0	0	0	0	0	0	0	0	7
03:00	0	11	4	0	0	0	0	0	0	0	0	0	0	0	15
04:00	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
05:00	2	47	12	0	2	2	0	1	0	0	0	0	0	1	67
06:00	2	116	37	2	12	3	0	2	0	0	0	0	0	1	175
07:00	3	332	65	2	20	3	0	1	1	0	0	0	0	35	462
08:00	3	351	64	6	14	2	0	5	0	1	0	0	0	20	466
09:00	1	316	64	7	20	4	0	8	0	1	0	0	0	16	437
10:00	1	194	49	1	9	2	0	7	1	0	0	0	0	9	273
11:00	3	182	35	1	13	0	0	4	1	0	0	0	0	16	255
12 PM	0	188	36	3	14	0	0	5	0	0	0	0	0	10	256
13:00	1	178	47	5	9	3	0	3	0	0	0	0	0	10	256
14:00	2	277	53	8	14	1	0	4	0	1	0	0	0	21	381
15:00	2	281	49	4	6	0	0	3	0	1	0	0	0	19	365
16:00	5	276	49	3	14	2	0	4	0	0	0	0	0	35	388
17:00	0	300	38	4	11	2	0	3	0	0	0	0	0	27	385
18:00	7	268	42	1	6	2	0	1	0	0	0	0	0	20	347
19:00	2	202	28	3	10	0	0	2	0	0	0	0	0	14	261
20:00	2	173	18	0	5	0	0	0	0	0	0	0	0	6	204
21:00	0	123	18	0	0	0	0	0	0	0	0	0	0	6	147
22:00	1	69	12	0	0	0	0	0	0	0	0	0	0	1	83
23:00	0	51	5	0	0	0	0	0	0	0	0	0	0	0	56
Total	40	3969	733	50	179	26	0	53	3	4	0	0	0	267	5324
Percent	0.8%	74.5%	13.8%	0.9%	3.4%	0.5%	0.0%	1.0%	0.1%	0.1%	0.0%	0.0%	0.0%	5.0%	
AM Peak	07:00	08:00	07:00	09:00	07:00	09:00		09:00	07:00	08:00				07:00	
Vol.	3	351	65	7	20	4		8	1	1				35	
PM Peak	18:00	17:00	14:00	14:00	12:00	13:00		12:00		14:00				16:00	
Vol.	7	300	53	8	14	3		5		1				35	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 class  
Count 7  
Mountain and Balthaser

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	33	5	0	0	0	0	0	0	0	0	0	0	0	38
01:00	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
02:00	0	10	1	0	0	0	0	0	1	0	0	0	0	0	12
03:00	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
04:00	0	8	5	0	2	0	0	0	0	0	0	0	0	0	15
05:00	1	37	11	0	1	1	0	0	0	0	0	0	0	1	52
06:00	0	93	42	2	13	0	0	2	0	0	0	0	0	2	154
07:00	3	331	63	3	24	1	0	4	1	0	0	0	0	20	450
08:00	0	320	64	9	22	0	0	8	0	0	0	0	0	10	433
09:00	2	205	63	7	18	0	0	4	0	0	0	0	0	8	307
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	6	1058	258	21	80	2	0	18	2	0	0	0	0	41	1486
Percent	0.4%	71.2%	17.4%	1.4%	5.4%	0.1%	0.0%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%	2.8%	
AM Peak	07:00	07:00	08:00	08:00	07:00	05:00		08:00	02:00					07:00	
Vol.	3	331	64	9	24	1		8	1					20	
PM Peak															
Vol.															
Grand Total	76	7546	1415	89	390	43	1	99	7	4	0	0	0	474	10144
Percent	0.7%	74.4%	13.9%	0.9%	3.8%	0.4%	0.0%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	4.7%	





# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 speed1  
Count 7  
Mountain and Balthaser

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/27/16	20	3	0	0	0	0	0	0	0	0	0	0	0	0	23	13-22	10
01:00	10	3	0	0	0	0	0	0	0	0	0	0	0	0	13	16-25	5
02:00	7	1	0	0	0	0	0	0	0	0	0	0	0	0	8	18-27	3
03:00	6	3	0	0	0	0	0	0	0	0	0	0	0	0	9	19-28	3
04:00	12	3	1	0	0	0	0	0	0	0	0	0	0	0	16	17-26	6
05:00	20	6	1	0	0	0	0	0	0	0	0	0	0	0	27	17-26	10
06:00	72	21	5	1	0	0	0	0	0	0	0	0	0	0	99	15-24	38
07:00	<b>325</b>	<b>69</b>	<b>11</b>	<b>3</b>	0	0	0	0	0	0	0	0	0	0	<b>408</b>	14-23	165
08:00	164	35	5	0	0	0	0	0	0	0	0	0	0	0	204	14-23	83
09:00	158	35	6	0	0	0	0	0	0	0	0	0	0	0	199	15-24	80
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>794</b>	<b>179</b>	<b>29</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1006</b>		
<b>Percent</b>	<b>78.9%</b>	<b>17.8%</b>	<b>2.9%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>												<b>07:00</b>	
<b>Vol.</b>	<b>325</b>	<b>69</b>	<b>11</b>	<b>3</b>												<b>408</b>	
<b>PM Peak</b>																	
<b>Vol.</b>																	
<b>Total</b>	<b>7919</b>	<b>1386</b>	<b>191</b>	<b>22</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9521</b>		
<b>Percent</b>	<b>83.2%</b>	<b>14.6%</b>	<b>2.0%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 10 MPH  
 50th Percentile : 19 MPH  
 85th Percentile : 29 MPH  
 95th Percentile : 35 MPH

**Stats**

- 10 MPH Pace Speed : 14-23 MPH
- Number in Pace : 3941
- Percent in Pace : 41.4%
- Number of Vehicles > 55 MPH : 1
- Percent of Vehicles > 55 MPH : 0.0%
- Mean Speed(Average) : 20 MPH







# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

710 speed1  
Count 7  
Mountain and Balthaser

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	999	Total	Pace Speed	Number in Pace
05/27/16	34	3	1	0	0	0	0	0	0	0	0	0	0	0	0	38	16-25	16
01:00	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	11	18-27	4
02:00	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0	12	12-21	5
03:00	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14-23	6
04:00	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15-24	6
05:00	38	7	6	1	0	0	0	0	0	0	0	0	0	0	0	52	14-23	21
06:00	117	30	7	0	0	0	0	0	0	0	0	0	0	0	0	154	14-23	61
07:00	<b>398</b>	<b>49</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450</b>	14-23	192
08:00	384	40	9	0	0	0	0	0	0	0	0	0	0	0	0	433	14-23	186
09:00	264	37	4	2	0	0	0	0	0	0	0	0	0	0	0	307	14-23	129
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	1276	176	31	3	0	0	0	0	0	0	0	0	0	0	0	1486		
Percent	85.9%	11.8%	2.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	08:00	09:00												07:00		
Vol.	398	49	9	2												450		

PM Peak Vol.	Total	Percent	1	36	41	46	51	56	61	66	71	76	81	86	91	96	999	Total
Total	9358	92.3%	696	80	7	3	0	0	0	0	0	0	0	0	0	0	0	10144
Percent			6.9%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

15th Percentile : 9 MPH  
 50th Percentile : 18 MPH  
 85th Percentile : 28 MPH  
 95th Percentile : 33 MPH

Stats  
 10 MPH Pace Speed : 14-23 MPH  
 Number in Pace : 4443  
 Percent in Pace : 43.8%  
 Number of Vehicles > 55 MPH : 0  
 Percent of Vehicles > 55 MPH : 0.0%  
 Mean Speed(Average) : 19 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 class  
Count 8  
Parkway East and Piketown

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	2	127	39	1	12	4	0	2	0	0	0	0	0	7	194	
12 PM	2	134	55	0	17	2	0	2	1	0	0	0	0	1	214	
13:00	6	129	46	3	21	0	1	6	1	0	0	0	0	6	219	
14:00	2	163	47	0	17	1	1	3	1	0	0	0	0	3	238	
15:00	7	190	62	5	13	3	0	4	0	0	0	0	0	21	305	
16:00	1	263	84	1	23	2	0	5	0	0	0	0	0	10	389	
17:00	11	323	70	0	27	3	0	1	1	0	0	0	0	15	451	
18:00	16	333	75	1	20	1	0	2	0	0	0	0	0	11	459	
19:00	8	243	47	0	10	0	0	3	0	0	0	0	0	5	316	
20:00	6	188	31	0	15	0	0	1	0	0	0	0	0	4	245	
21:00	2	136	29	0	1	1	0	2	0	0	0	0	0	3	174	
22:00	1	66	12	0	4	0	0	1	0	0	0	0	0	1	85	
23:00	0	40	9	0	2	0	0	2	0	0	0	0	0	0	53	
Total	64	2335	606	11	182	17	2	34	4	0	0	0	0	87	3342	
Percent	1.9%	69.9%	18.1%	0.3%	5.4%	0.5%	0.1%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	2.6%		
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00		11:00							11:00	
Vol.	2	127	39	1	12	4		2							7	
PM Peak	18:00	18:00	16:00	15:00	17:00	15:00	13:00	13:00	12:00						15:00	
Vol.	16	333	84	5	27	3	1	6	1						21	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 class  
Count 8  
Parkway East and Piketown

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	0	28	5	0	1	0	0	0	0	0	0	0	0	0	34
01:00	1	8	1	0	1	0	0	0	2	0	0	0	0	0	13
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
04:00	0	9	3	0	1	0	0	0	0	0	0	0	0	0	13
05:00	0	23	5	1	2	0	0	0	0	0	0	0	0	0	31
06:00	0	51	14	1	6	0	0	1	0	0	0	0	0	0	73
07:00	4	281	59	9	21	2	0	3	0	0	0	0	0	14	393
08:00	3	259	51	4	13	1	0	3	0	0	0	0	0	19	353
09:00	1	134	39	1	11	2	0	0	0	0	0	0	0	7	195
10:00	2	141	32	4	12	0	0	3	0	0	0	0	0	6	200
11:00	2	141	44	2	15	0	0	2	0	0	0	0	0	4	210
12 PM	4	155	48	2	17	0	0	3	0	0	0	0	0	3	232
13:00	5	138	46	2	16	0	1	5	0	0	0	0	0	5	218
14:00	7	181	55	2	22	1	0	3	2	0	0	0	0	6	279
15:00	3	219	64	3	17	1	0	7	1	0	0	0	0	8	323
16:00	2	269	66	3	19	0	0	3	0	0	0	0	0	13	375
17:00	3	361	91	3	29	2	0	4	0	0	0	0	0	10	503
18:00	3	334	60	4	16	0	0	6	0	0	0	0	0	9	432
19:00	2	188	30	0	12	0	0	1	0	0	0	0	0	6	239
20:00	4	162	43	0	9	0	0	5	0	0	0	0	0	4	227
21:00	3	136	29	0	8	1	0	1	0	0	0	0	0	2	180
22:00	0	91	19	0	2	0	0	0	1	0	0	0	0	1	114
23:00	3	41	13	0	3	0	0	0	0	0	0	0	0	0	60
Total	52	3360	819	41	253	10	1	50	6	0	0	0	0	117	4709
Percent	1.1%	71.4%	17.4%	0.9%	5.4%	0.2%	0.0%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	2.5%	
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00		07:00	01:00					08:00	
Vol.	4	281	59	9	21	2		3	2					19	
PM Peak	14:00	17:00	17:00	18:00	17:00	17:00	13:00	15:00	14:00					16:00	
Vol.	7	361	91	4	29	2	1	7	2					13	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 class  
Count 8  
Parkway East and Piketown

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	21	3	0	1	0	0	0	0	0	0	0	0	0	25
01:00	0	12	0	1	0	0	0	0	0	0	0	0	0	0	13
02:00	0	4	3	1	2	0	0	0	0	0	0	0	0	0	10
03:00	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
04:00	0	14	1	0	1	0	0	0	0	0	0	0	0	0	16
05:00	0	17	3	0	0	0	0	0	0	0	0	0	0	0	20
06:00	1	40	15	0	4	1	0	0	0	0	0	0	0	1	62
07:00	3	250	50	11	18	0	0	0	0	0	0	0	0	5	337
08:00	3	217	52	5	14	0	1	3	0	0	0	0	0	17	312
09:00	3	120	52	5	10	0	0	2	0	0	0	0	0	3	195
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	10	702	179	23	50	1	1	5	0	0	0	0	0	26	997
Percent	1.0%	70.4%	18.0%	2.3%	5.0%	0.1%	0.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	
AM Peak	07:00	07:00	08:00	07:00	07:00	06:00	08:00	08:00						08:00	
Vol.	3	250	52	11	18	1	1	3						17	
PM Peak															
Vol.															
Grand Total	126	6397	1604	75	485	28	4	89	10	0	0	0	0	230	9048
Percent	1.4%	70.7%	17.7%	0.8%	5.4%	0.3%	0.0%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	2.5%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 class  
Count 8  
Parkway East and Piketown

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	3	125	48	0	14	0	0	0	0	0	0	0	0	9	199
12 PM	1	128	50	1	14	1	0	3	2	0	0	0	0	2	202
13:00	3	189	46	1	12	1	1	0	0	0	0	0	0	4	257
14:00	5	138	52	2	18	0	0	3	0	0	0	0	0	4	222
15:00	7	312	74	9	14	0	0	9	0	0	0	0	0	9	434
16:00	2	246	52	0	23	4	0	3	0	0	0	0	0	10	340
17:00	2	283	63	2	28	0	0	2	1	0	0	0	0	16	397
18:00	8	242	59	0	15	0	0	2	0	0	0	0	0	8	334
19:00	5	151	33	0	7	0	0	1	0	0	0	0	0	8	205
20:00	10	213	54	0	8	2	0	1	0	0	0	0	0	6	294
21:00	3	112	22	0	4	0	0	0	0	0	0	0	0	1	142
22:00	2	88	21	0	1	1	0	0	0	0	0	0	0	0	113
23:00	0	50	11	0	0	0	0	0	0	0	0	0	0	0	61
Total	51	2277	585	15	158	9	1	24	3	0	0	0	0	77	3200
Percent	1.6%	71.2%	18.3%	0.5%	4.9%	0.3%	0.0%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	2.4%	
AM Peak	11:00	11:00	11:00		11:00										11:00
Vol.	3	125	48		14										9
PM Peak	20:00	15:00	15:00	15:00	17:00	16:00	13:00	15:00	12:00						17:00
Vol.	10	312	74	9	28	4	1	9	2						16

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 class  
Count 8  
Parkway East and Piketown

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	1	25	7	0	0	0	0	0	0	0	0	0	0	0	33
01:00	0	8	1	0	0	0	0	0	0	0	0	0	0	1	10
02:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
03:00	1	6	3	0	0	0	0	0	0	0	0	0	0	0	10
04:00	0	4	2	0	1	0	0	0	0	0	0	0	0	0	7
05:00	0	20	11	0	3	1	0	0	0	0	0	0	0	0	35
06:00	1	67	24	1	7	0	0	2	0	0	0	0	0	0	102
07:00	4	190	67	2	23	2	0	2	1	0	0	0	0	15	306
08:00	4	339	92	2	17	3	0	2	0	0	0	0	0	14	473
09:00	1	270	76	6	17	2	0	4	0	0	0	0	0	6	382
10:00	1	177	62	2	17	0	0	9	1	0	0	0	0	11	280
11:00	3	137	48	1	11	1	0	3	0	0	0	0	0	3	207
12 PM	7	138	42	2	18	0	0	2	1	0	0	0	0	7	217
13:00	2	175	48	5	13	1	0	4	0	0	0	0	0	4	252
14:00	1	165	51	2	11	0	0	2	0	0	0	0	0	3	235
15:00	4	292	78	8	16	1	0	4	0	0	0	0	0	16	419
16:00	6	256	74	0	13	1	0	7	0	0	0	0	0	12	369
17:00	2	264	52	3	12	1	0	5	0	0	0	0	0	15	354
18:00	3	249	57	1	14	0	0	2	0	0	0	0	0	16	342
19:00	3	173	38	3	10	1	0	1	1	0	0	0	0	11	241
20:00	3	175	31	0	8	0	0	0	0	0	0	0	0	5	222
21:00	1	113	26	0	5	0	0	0	0	0	0	0	0	3	148
22:00	0	83	16	0	0	0	0	0	0	0	0	0	0	2	101
23:00	2	40	8	0	1	0	0	0	0	0	0	0	0	0	51
Total	50	3369	915	38	217	14	0	49	4	0	0	0	0	144	4800
Percent	1.0%	70.2%	19.1%	0.8%	4.5%	0.3%	0.0%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	3.0%	
AM Peak	07:00	08:00	08:00	09:00	07:00	08:00		10:00	07:00					07:00	
Vol.	4	339	92	6	23	3		9	1					15	
PM Peak	12:00	15:00	15:00	15:00	12:00	13:00		16:00	12:00					15:00	
Vol.	7	292	78	8	18	1		7	1					16	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 class  
Count 8  
Parkway East and Piketown

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	43	7	0	0	0	0	0	0	0	0	0	0	0	50
01:00	1	20	2	0	0	0	0	0	0	0	0	0	0	0	23
02:00	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
03:00	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
04:00	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
05:00	0	18	10	0	4	1	0	0	0	0	0	0	0	0	33
06:00	1	58	20	0	9	0	0	1	0	0	0	0	0	3	92
07:00	3	166	65	1	20	0	0	1	0	0	0	0	0	8	264
08:00	6	322	96	5	21	1	0	9	0	0	0	0	0	20	480
09:00	3	171	69	7	16	0	0	2	0	0	0	0	0	2	270
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	14	816	280	13	70	2	0	13	1	0	0	0	0	33	1242
Percent	1.1%	65.7%	22.5%	1.0%	5.6%	0.2%	0.0%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	2.7%	
AM Peak	08:00	08:00	08:00	09:00	08:00	05:00		08:00	02:00					08:00	
Vol.	6	322	96	7	21	1		9	1					20	
PM Peak															
Vol.															
Grand Total	115	6462	1780	66	445	25	1	86	8	0	0	0	0	254	9242
Percent	1.2%	69.9%	19.3%	0.7%	4.8%	0.3%	0.0%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	2.7%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 speed1  
Count 8  
Parkway East and Piketown

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>9</b>	<b>15</b>	<b>57</b>	<b>85</b>	<b>24</b>	<b>4</b>	0	0	0	0	0	0	0	0	<b>194</b>	42-51	105
12 PM	7	18	68	89	23	7	1	0	1	0	0	0	0	0	214	42-51	118
13:00	10	7	64	92	39	5	1	0	1	0	0	0	0	0	219	42-51	125
14:00	3	10	70	107	44	3	1	0	0	0	0	0	0	0	238	42-51	152
15:00	<b>22</b>	<b>22</b>	<b>80</b>	<b>94</b>	<b>72</b>	<b>12</b>	<b>2</b>	<b>1</b>	0	0	0	0	0	0	305	43-52	130
16:00	10	21	89	181	76	10	2	0	0	0	0	0	0	0	389	43-52	230
17:00	16	20	97	224	<b>79</b>	<b>14</b>	1	0	0	0	0	0	0	0	451	43-52	269
18:00	13	<b>24</b>	109	<b>231</b>	76	4	2	0	0	0	0	0	0	0	<b>459</b>	43-52	282
19:00	9	22	<b>114</b>	121	41	6	2	0	1	0	0	0	0	0	316	41-50	181
20:00	5	13	69	99	50	9	0	0	0	0	0	0	0	0	245	43-52	141
21:00	3	15	60	70	22	4	0	0	0	0	0	0	0	0	174	41-50	101
22:00	1	6	43	23	9	2	0	1	0	0	0	0	0	0	85	40-49	53
23:00	3	3	16	20	9	2	0	0	0	0	0	0	0	0	53	42-51	27
Total	111	196	936	1436	564	82	12	2	3	0	0	0	0	0	3342		
Percent	3.3%	5.9%	28.0%	43.0%	16.9%	2.5%	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00									11:00		
Vol.	9	15	57	85	24	4									194		
PM Peak	15:00	18:00	19:00	18:00	17:00	17:00	15:00	15:00	12:00						18:00		
Vol.	22	24	114	231	79	14	2	1	1						459		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 speed1  
Count 8  
Parkway East and Piketown

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
05/26/16	0	1	6	15	7	3	1	1	0	0	0	0	0	0	34	44-53	21
01:00	0	1	2	7	1	2	0	0	0	0	0	0	0	0	13	42-51	8
02:00	0	1	1	3	0	0	0	0	0	0	0	0	0	0	5	40-49	3
03:00	0	2	0	4	1	0	0	0	0	0	0	0	0	0	7	46-55	3
04:00	0	1	4	3	5	0	0	0	0	0	0	0	0	0	13	43-52	7
05:00	0	1	13	10	7	0	0	0	0	0	0	0	0	0	31	42-51	20
06:00	0	5	15	33	16	3	0	1	0	0	0	0	0	0	73	44-53	44
07:00	20	26	140	147	51	8	1	0	0	0	0	0	0	0	393	41-50	211
08:00	24	20	110	145	44	9	1	0	0	0	0	0	0	0	353	42-51	184
09:00	7	14	77	70	23	3	1	0	0	0	0	0	0	0	195	41-50	111
10:00	6	13	70	80	25	5	1	0	0	0	0	0	0	0	200	41-50	116
11:00	5	10	56	93	36	8	2	0	0	0	0	0	0	0	210	42-51	124
12 PM	6	6	47	121	46	5	1	0	0	0	0	0	0	0	232	43-52	151
13:00	10	18	65	71	34	19	1	0	0	0	0	0	0	0	218	41-50	101
14:00	9	20	81	117	43	7	2	0	0	0	0	0	0	0	279	42-51	154
15:00	8	13	104	129	59	9	1	0	0	0	0	0	0	0	323	42-51	193
16:00	15	17	127	144	58	11	3	0	0	0	0	0	0	0	375	42-51	211
17:00	10	20	150	218	84	20	1	0	0	0	0	0	0	0	503	42-51	309
18:00	11	13	139	183	63	21	2	0	0	0	0	0	0	0	432	42-51	266
19:00	6	12	75	90	47	6	2	1	0	0	0	0	0	0	239	42-51	135
20:00	5	22	71	87	36	5	0	1	0	0	0	0	0	0	227	42-51	122
21:00	5	20	83	54	14	2	1	1	0	0	0	0	0	0	180	40-49	101
22:00	1	11	42	41	16	1	0	2	0	0	0	0	0	0	114	41-50	65
23:00	1	7	17	24	10	1	0	0	0	0	0	0	0	0	60	42-51	32
Total	149	274	1495	1889	726	148	21	7	0	0	0	0	0	0	4709		
Percent	3.2%	5.8%	31.7%	40.1%	15.4%	3.1%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	07:00	07:00	08:00	11:00	00:00							07:00		
Vol.	24	26	140	147	51	9	2	1							393		
PM Peak	16:00	20:00	17:00	17:00	17:00	18:00	16:00	22:00							17:00		
Vol.	15	22	150	218	84	21	3	2							503		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 speed1  
Count 8  
Parkway East and Piketown

Eastbound	Start	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
05/27/16	0	2	8	9	4	2	0	0	0	0	0	0	0	0	25	42-51	14
01:00	0	3	6	4	0	0	0	0	0	0	0	0	0	0	13	40-49	7
02:00	1	1	1	3	2	2	0	0	0	0	0	0	0	0	10	49-58	3
03:00	0	0	0	3	2	2	0	0	0	0	0	0	0	0	7	46-55	5
04:00	0	1	5	7	3	0	0	0	0	0	0	0	0	0	16	43-52	10
05:00	0	3	3	8	5	1	0	0	0	0	0	0	0	0	20	43-52	10
06:00	1	3	14	24	11	7	1	0	1	0	0	0	0	0	62	42-51	33
07:00	5	13	116	137	61	4	1	0	0	0	0	0	0	0	337	42-51	214
08:00	23	37	105	104	35	7	0	0	0	1	0	0	0	0	312	41-50	139
09:00	4	13	56	80	29	11	1	1	0	0	0	0	0	0	195	42-51	110
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>34</b>	<b>76</b>	<b>314</b>	<b>379</b>	<b>152</b>	<b>36</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>997</b>		
<b>Percent</b>	<b>3.4%</b>	<b>7.6%</b>	<b>31.5%</b>	<b>38.0%</b>	<b>15.2%</b>	<b>3.6%</b>	<b>0.3%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>09:00</b>	<b>06:00</b>	<b>09:00</b>	<b>06:00</b>	<b>08:00</b>					<b>07:00</b>		
<b>Vol.</b>	<b>23</b>	<b>37</b>	<b>116</b>	<b>137</b>	<b>61</b>	<b>11</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>					<b>337</b>		
<b>PM Peak</b>																	
<b>Vol.</b>																	
<b>Total</b>	<b>294</b>	<b>546</b>	<b>2745</b>	<b>3704</b>	<b>1442</b>	<b>266</b>	<b>36</b>	<b>10</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9048</b>		
<b>Percent</b>	<b>3.2%</b>	<b>6.0%</b>	<b>30.3%</b>	<b>40.9%</b>	<b>15.9%</b>	<b>2.9%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 31 MPH  
 50th Percentile : 45 MPH  
 85th Percentile : 50 MPH  
 95th Percentile : 54 MPH

Stats  
 10 MPH Pace Speed : 42-51 MPH  
 Number in Pace : 5087  
 Percent in Pace : 56.2%  
 Number of Vehicles > 55 MPH : 317  
 Percent of Vehicles > 55 MPH : 3.5%  
 Mean Speed(Average) : 43 MPH



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 speed1  
Count 8  
Parkway East and Piketown

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/26/16	0	3	15	10	3	2	0	0	0	0	0	0	0	0	33	40-49	20
01:00	1	0	3	4	2	0	0	0	0	0	0	0	0	0	10	43-52	5
02:00	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4	49-58	3
03:00	0	1	5	2	1	1	0	0	0	0	0	0	0	0	10	38-47	6
04:00	1	0	2	3	1	0	0	0	0	0	0	0	0	0	7	44-53	3
05:00	0	5	5	13	9	2	1	0	0	0	0	0	0	0	35	44-53	17
06:00	3	4	19	36	32	6	1	1	0	0	0	0	0	0	102	45-54	56
07:00	15	21	95	125	35	10	5	0	0	0	0	0	0	0	306	42-51	162
08:00	<b>22</b>	<b>26</b>	<b>138</b>	<b>199</b>	<b>73</b>	13	2	0	0	0	0	0	0	0	<b>473</b>	42-51	259
09:00	7	13	110	170	66	<b>14</b>	2	0	0	0	0	0	0	0	382	42-51	239
10:00	11	23	101	95	41	8	1	0	0	0	0	0	0	0	280	41-50	146
11:00	5	12	49	96	39	6	0	0	0	0	0	0	0	0	207	43-52	122
12 PM	8	13	61	94	32	8	0	1	0	0	0	0	0	0	217	42-51	121
13:00	8	38	104	80	19	2	0	1	0	0	0	0	0	0	252	40-49	130
14:00	5	<b>43</b>	102	72	11	1	1	0	0	0	0	0	0	0	235	40-49	122
15:00	17	20	115	<b>194</b>	<b>66</b>	5	<b>2</b>	0	0	0	0	0	0	0	<b>419</b>	42-51	245
16:00	<b>29</b>	39	120	135	40	6	0	0	0	0	0	0	0	0	369	41-50	170
17:00	19	16	<b>134</b>	130	48	6	0	1	0	0	0	0	0	0	354	41-50	197
18:00	18	22	90	145	54	<b>10</b>	1	1	<b>1</b>	0	0	0	0	0	342	42-51	178
19:00	12	8	75	103	35	7	0	0	0	0	0	<b>1</b>	0	0	241	42-51	138
20:00	7	18	79	86	31	1	0	0	0	0	0	0	0	0	222	41-50	125
21:00	12	16	59	46	13	1	1	0	0	0	0	0	0	0	148	41-50	69
22:00	4	10	26	46	8	5	1	0	0	<b>1</b>	0	0	0	0	101	42-51	53
23:00	0	3	24	12	8	3	0	1	0	0	0	0	0	0	51	40-49	31
<b>Total</b>	<b>204</b>	<b>354</b>	<b>1531</b>	<b>1897</b>	<b>669</b>	<b>118</b>	<b>18</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4800</b>		
<b>Percent</b>	<b>4.3%</b>	<b>7.4%</b>	<b>31.9%</b>	<b>39.5%</b>	<b>13.9%</b>	<b>2.5%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	08:00	08:00	08:00	08:00	08:00	09:00	07:00	06:00									08:00
Vol.	22	26	138	199	73	14	5	1									473
PM Peak	16:00	14:00	17:00	15:00	15:00	18:00	15:00	12:00	18:00	22:00		19:00					15:00
Vol.	29	43	134	194	66	10	2	1	1	1		1					419

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

810 speed1  
Count 8  
Parkway East and Piketown

Westbound	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace	Number
Start Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999		Speed	in Pace
05/27/16	0	9	20	15	5	1	0	0	0	0	0	0	0	0	50	39-48	26
01:00	0	7	4	4	5	3	0	0	0	0	0	0	0	0	23	33-42	8
02:00	0	0	3	1	6	0	0	1	0	0	0	0	0	0	11	46-55	7
03:00	0	2	2	4	1	0	0	0	0	0	0	0	0	0	9	44-53	4
04:00	0	1	2	2	4	0	1	0	0	0	0	0	0	0	10	44-53	5
05:00	0	3	8	13	4	5	0	0	0	0	0	0	0	0	33	43-52	17
06:00	4	6	14	32	25	9	2	0	0	0	0	0	0	0	92	45-54	44
07:00	8	13	68	108	56	10	1	0	0	0	0	0	0	0	264	43-52	148
08:00	<b>22</b>	<b>31</b>	<b>159</b>	<b>182</b>	<b>70</b>	<b>14</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>480</b>	<b>42-51</b>	<b>256</b>
09:00	2	19	83	121	36	7	2	0	0	0	0	0	0	0	270	42-51	167
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>36</b>	<b>91</b>	<b>363</b>	<b>482</b>	<b>212</b>	<b>49</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1242</b>		
<b>Percent</b>	<b>2.9%</b>	<b>7.3%</b>	<b>29.2%</b>	<b>38.8%</b>	<b>17.1%</b>	<b>3.9%</b>	<b>0.6%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>06:00</b>	<b>02:00</b>							<b>08:00</b>		
<b>Vol.</b>	<b>22</b>	<b>31</b>	<b>159</b>	<b>182</b>	<b>70</b>	<b>14</b>	<b>2</b>	<b>1</b>							<b>480</b>		

PM Peak																
Vol.	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Percent
Total	343	668	2890	3648	1370	269	39	10	3	1	0	1	0	0	9242	
Percent	3.7%	7.2%	31.3%	39.5%	14.8%	2.9%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

15th Percentile : 29 MPH  
 50th Percentile : 44 MPH  
 85th Percentile : 50 MPH  
 95th Percentile : 54 MPH

Stats  
 10 MPH Pace Speed : 42-51 MPH  
 Number in Pace : 4994  
 Percent in Pace : 54.0%  
 Number of Vehicles > 55 MPH : 323  
 Percent of Vehicles > 55 MPH : 3.5%  
 Mean Speed(Average) : 42 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 class1  
Count 9  
Piketown and Manor

Eastbound																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	0	76	24	1	4	0	0	1	0	0	0	0	0	3	109	
11:00	2	94	34	2	4	1	0	0	0	0	0	0	0	5	142	
12 PM	2	79	33	2	6	0	0	2	1	0	0	0	0	1	126	
13:00	2	88	34	2	9	0	0	3	2	0	0	0	0	1	141	
14:00	3	108	39	1	6	3	0	3	2	0	0	0	0	5	170	
15:00	5	129	47	4	6	1	0	4	0	1	0	0	0	2	199	
16:00	0	169	38	0	16	1	0	0	1	0	0	0	0	4	229	
17:00	6	227	44	0	10	1	0	1	0	0	0	0	0	12	301	
18:00	12	133	38	1	8	1	0	2	0	0	0	0	0	5	200	
19:00	4	113	23	0	1	0	0	1	0	0	0	0	0	5	147	
20:00	2	108	31	0	4	0	0	0	0	0	0	0	0	1	146	
21:00	2	60	20	0	1	1	0	1	0	0	0	0	0	1	86	
22:00	0	23	7	0	2	0	0	1	0	0	0	0	0	1	34	
23:00	0	18	2	0	1	0	0	0	0	0	0	0	0	0	21	
Total	40	1425	414	13	78	9	0	19	6	1	0	0	0	46	2051	
Percent	2.0%	69.5%	20.2%	0.6%	3.8%	0.4%	0.0%	0.9%	0.3%	0.0%	0.0%	0.0%	0.0%	2.2%		
AM Peak	11:00	11:00	11:00	11:00	10:00	11:00		10:00						11:00		
Vol.	2	94	34	2	4	1		1						5		
PM Peak	18:00	17:00	15:00	15:00	16:00	14:00		15:00	13:00	15:00				17:00		
Vol.	12	227	47	4	16	3		4	2	1				12		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 class1  
Count 9  
Piketown and Manor

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
01:00	0	7	1	0	0	0	0	0	2	0	0	0	0	0	10
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
04:00	0	7	3	1	0	0	0	0	0	0	0	0	0	0	11
05:00	0	27	15	1	1	0	0	0	0	0	0	0	0	0	44
06:00	0	78	23	0	4	1	0	1	0	0	0	0	0	3	110
07:00	3	163	33	3	7	0	0	2	0	0	0	0	0	8	219
08:00	1	146	34	2	12	1	1	2	0	0	0	0	0	2	201
09:00	0	90	33	1	8	0	0	2	0	0	0	0	0	3	137
10:00	2	89	27	4	7	0	0	3	0	0	0	0	0	1	133
11:00	0	94	43	1	9	1	0	4	0	0	0	0	0	1	153
12 PM	2	96	27	1	7	1	0	3	0	0	0	0	0	4	141
13:00	4	99	25	1	5	0	0	4	0	0	0	0	0	0	138
14:00	2	124	46	1	16	1	0	5	4	0	0	0	0	5	204
15:00	1	145	29	1	11	1	0	8	1	0	0	0	0	5	202
16:00	3	214	43	1	7	1	0	3	1	0	0	0	0	2	275
17:00	3	215	41	1	11	2	0	3	1	0	0	0	0	5	282
18:00	1	164	26	4	7	0	0	3	0	0	0	0	0	6	211
19:00	2	127	35	0	4	0	0	2	0	0	0	0	0	2	172
20:00	0	80	10	0	3	1	0	0	0	0	0	0	0	0	94
21:00	1	67	16	0	2	0	0	0	0	0	0	0	0	0	86
22:00	2	32	9	0	0	0	0	1	1	0	0	0	0	0	45
23:00	1	20	3	0	0	0	0	0	0	0	0	0	0	0	24
Total	28	2103	525	23	121	10	1	46	10	0	0	0	0	47	2914
Percent	1.0%	72.2%	18.0%	0.8%	4.2%	0.3%	0.0%	1.6%	0.3%	0.0%	0.0%	0.0%	0.0%	1.6%	
AM Peak	07:00	07:00	11:00	10:00	08:00	06:00	08:00	11:00	01:00					07:00	
Vol.	3	163	43	4	12	1	1	4	2					8	
PM Peak	13:00	17:00	14:00	18:00	14:00	17:00		15:00	14:00					18:00	
Vol.	4	215	46	4	16	2		8	4					6	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 class1  
Count 9  
Piketown and Manor

Eastbound															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	11	2	1	1	0	0	0	1	0	0	0	0	0	16
01:00	0	7	3	1	1	0	0	0	0	0	0	0	0	0	12
02:00	0	3	0	0	1	0	0	0	0	0	0	0	0	0	4
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	14	3	0	1	0	0	0	0	0	0	0	0	0	18
05:00	1	24	6	0	2	0	0	0	0	0	0	0	0	0	33
06:00	1	62	27	0	2	2	0	0	1	0	0	0	0	2	97
07:00	2	139	39	3	8	1	0	0	0	0	0	0	0	3	195
08:00	1	123	32	2	7	3	1	1	1	0	0	0	0	2	173
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	387	112	7	23	6	1	1	3	0	0	0	0	7	552
Percent	0.9%	70.1%	20.3%	1.3%	4.2%	1.1%	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	1.3%	
AM Peak	07:00	07:00	07:00	07:00	07:00	08:00	08:00	08:00	00:00					07:00	
Vol.	2	139	39	3	8	3	1	1	1					3	
PM Peak															
Vol.															
Grand Total	73	3915	1051	43	222	25	2	66	19	1	0	0	0	100	5517
Percent	1.3%	71.0%	19.1%	0.8%	4.0%	0.5%	0.0%	1.2%	0.3%	0.0%	0.0%	0.0%	0.0%	1.8%	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 class1  
Count 9  
Piketown and Manor

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	1	71	29	2	4	1	0	0	1	0	0	0	0	10	119
11:00	1	67	28	1	8	0	0	1	2	0	0	0	0	3	111
12 PM	0	109	22	2	8	0	1	2	2	0	0	0	0	2	148
13:00	0	101	26	2	7	0	0	2	3	0	0	0	0	1	142
14:00	0	92	30	2	7	0	0	3	0	0	0	0	0	6	140
15:00	3	154	42	0	10	1	0	1	0	0	0	0	0	5	216
16:00	2	170	44	2	13	0	0	1	1	0	0	0	0	2	235
17:00	0	179	45	0	8	0	0	4	0	0	0	0	0	9	245
18:00	4	165	26	0	3	0	0	1	0	0	0	0	0	3	202
19:00	1	96	23	0	0	2	0	1	0	0	0	0	0	3	126
20:00	3	92	27	0	1	0	0	0	0	0	0	0	0	1	124
21:00	3	68	15	0	1	0	0	2	0	0	0	0	0	0	89
22:00	1	34	12	0	0	0	0	0	0	0	0	0	0	1	48
23:00	1	20	9	0	0	0	0	0	0	0	0	0	0	0	30
Total	20	1418	378	11	70	4	1	18	9	0	0	0	0	46	1975
Percent	1.0%	71.8%	19.1%	0.6%	3.5%	0.2%	0.1%	0.9%	0.5%	0.0%	0.0%	0.0%	0.0%	2.3%	
AM Peak	10:00	10:00	10:00	10:00	11:00	10:00		11:00	11:00					10:00	
Vol.	1	71	29	2	8	1		1	2					10	
PM Peak	18:00	17:00	17:00	12:00	16:00	19:00	12:00	17:00	13:00					17:00	
Vol.	4	179	45	2	13	2	1	4	3					9	

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 class1  
Count 9  
Piketown and Manor

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/26/16	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
01:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	3	2	1	0	0	0	0	0	0	0	0	0	0	6
04:00	0	2	1	0	1	1	0	0	0	0	0	0	0	0	5
05:00	0	15	5	0	1	0	0	0	1	0	0	0	0	0	22
06:00	1	54	15	2	1	0	0	2	1	0	0	0	0	1	77
07:00	1	150	31	0	13	1	1	7	0	0	0	0	0	6	210
08:00	1	158	34	1	5	1	0	3	0	0	0	0	0	4	207
09:00	0	184	41	5	13	1	2	9	0	0	0	0	0	3	258
10:00	1	88	35	2	6	0	2	3	0	0	0	0	0	1	138
11:00	3	69	31	0	8	0	1	3	1	0	0	0	0	4	120
12 PM	2	93	18	2	7	1	0	2	1	0	0	0	0	5	131
13:00	1	74	24	4	9	1	0	3	2	0	0	0	0	0	118
14:00	0	124	30	2	8	0	0	5	1	0	0	0	0	6	176
15:00	2	137	42	1	9	0	0	3	0	0	0	0	0	4	198
16:00	4	197	43	2	11	0	0	6	0	0	0	0	0	10	273
17:00	1	207	38	2	8	0	0	3	0	0	0	0	0	11	270
18:00	2	164	26	0	1	0	0	0	0	0	0	0	0	3	196
19:00	2	120	19	3	6	1	0	1	1	0	0	0	0	4	157
20:00	0	103	14	0	0	0	0	0	0	0	0	0	0	0	117
21:00	2	78	21	0	0	0	0	0	0	0	0	0	0	1	102
22:00	0	50	15	0	0	0	0	0	1	0	0	0	0	0	66
23:00	0	27	8	0	0	0	0	0	0	0	0	0	0	0	35
Total	23	2112	496	27	107	7	6	50	9	0	0	0	0	63	2900
Percent	0.8%	72.8%	17.1%	0.9%	3.7%	0.2%	0.2%	1.7%	0.3%	0.0%	0.0%	0.0%	0.0%	2.2%	
AM Peak	11:00	09:00	09:00	09:00	07:00	04:00	09:00	09:00	05:00					07:00	
Vol.	3	184	41	5	13	1	2	9	1					6	
PM Peak	16:00	17:00	16:00	13:00	16:00	12:00		16:00	13:00					17:00	
Vol.	4	207	43	4	11	1		6	2					11	

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369 East Park Drive  
Harrisburg, PA 17111

910 class1  
Count 9  
Piketown and Manor

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
05/27/16	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
01:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
04:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	4
05:00	0	15	5	0	2	0	0	1	2	0	0	0	0	0	25
06:00	1	48	13	2	2	2	0	0	0	0	0	0	0	0	68
07:00	1	162	41	0	20	0	0	6	0	0	0	0	0	3	233
08:00	3	137	33	1	13	2	0	2	0	0	0	0	0	4	195
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	6	387	100	3	39	4	0	9	3	0	0	0	0	7	558
<b>Percent</b>	1.1%	69.4%	17.9%	0.5%	7.0%	0.7%	0.0%	1.6%	0.5%	0.0%	0.0%	0.0%	0.0%	1.3%	
<b>AM Peak</b>	08:00	07:00	07:00	06:00	07:00	06:00		07:00	05:00					08:00	
<b>Vol.</b>	3	162	41	2	20	2		6	2					4	
<b>PM Peak</b>															
<b>Vol.</b>															
<b>Grand Total</b>	49	3917	974	41	216	15	7	77	21	0	0	0	0	116	5433
<b>Percent</b>	0.9%	72.1%	17.9%	0.8%	4.0%	0.3%	0.1%	1.4%	0.4%	0.0%	0.0%	0.0%	0.0%	2.1%	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 speed1  
Count 9  
Piketown and Manor

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/26/16	1	2	5	3	0	0	0	0	0	0	0	0	0	0	11	37-46	5
01:00	1	0	6	1	2	0	0	0	0	0	0	0	0	0	10	40-49	5
02:00	0	2	2	1	0	0	0	0	0	0	0	0	0	0	5	39-48	2
03:00	0	2	2	1	0	1	0	0	0	0	0	0	0	0	6	34-43	3
04:00	0	1	3	6	1	0	0	0	0	0	0	0	0	0	11	43-52	7
05:00	0	9	18	16	0	1	0	0	0	0	0	0	0	0	44	40-49	24
06:00	<b>32</b>	27	19	20	6	<b>5</b>	<b>1</b>	0	0	0	0	0	0	0	110	19-28	28
07:00	29	<b>74</b>	<b>90</b>	23	3	0	0	0	0	0	0	0	0	0	<b>219</b>	35-44	83
08:00	20	46	85	<b>41</b>	8	1	0	0	0	0	0	0	0	0	201	38-47	80
09:00	11	26	58	29	<b>12</b>	1	0	0	0	0	0	0	0	0	137	39-48	57
10:00	5	38	46	33	10	0	1	0	0	0	0	0	0	0	133	37-46	54
11:00	7	37	65	37	7	0	0	0	0	0	0	0	0	0	153	39-48	68
12 PM	11	25	62	34	9	0	0	0	0	0	0	0	0	0	141	39-48	62
13:00	7	20	69	32	7	2	<b>1</b>	0	0	0	0	0	0	0	138	39-48	71
14:00	<b>20</b>	52	75	45	7	<b>5</b>	0	0	0	0	0	0	0	0	204	37-46	75
15:00	12	44	88	47	<b>11</b>	0	0	0	0	0	0	0	0	0	202	39-48	90
16:00	3	<b>56</b>	<b>142</b>	68	6	0	0	0	0	0	0	0	0	0	275	39-48	154
17:00	6	52	135	<b>78</b>	10	1	0	0	0	0	0	0	0	0	<b>282</b>	39-48	152
18:00	8	30	116	49	8	0	0	0	0	0	0	0	0	0	211	39-48	119
19:00	8	33	86	38	7	0	0	0	0	0	0	0	0	0	172	39-48	86
20:00	2	20	44	24	3	0	1	0	0	0	0	0	0	0	94	39-48	48
21:00	7	34	27	14	3	0	1	0	0	0	0	0	0	0	86	33-42	34
22:00	1	6	20	15	3	0	0	0	0	0	0	0	0	0	45	41-50	25
23:00	0	6	10	7	1	0	0	0	0	0	0	0	0	0	24	39-48	12
Total	191	642	1273	662	124	17	5	0	0	0	0	0	0	0	2914		
Percent	6.6%	22.0%	43.7%	22.7%	4.3%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	07:00	07:00	08:00	09:00	06:00	06:00									07:00	
Vol.	32	74	90	41	12	5	1								219		
PM Peak	14:00	16:00	16:00	17:00	15:00	14:00	13:00									17:00	
Vol.	20	56	142	78	11	5	1								282		

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369 East Park Drive  
Harrisburg, PA 17111

910 speed1  
Count 9  
Piketown and Manor

Eastbound																	
Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/27/16	0	2	7	3	4	0	0	0	0	0	0	0	0	0	16	41-50	8
01:00	3	2	4	3	0	0	0	0	0	0	0	0	0	0	12	42-51	3
02:00	0	0	2	1	1	0	0	0	0	0	0	0	0	0	4	39-48	3
03:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	41-50	4
04:00	0	3	5	10	0	0	0	0	0	0	0	0	0	0	18	41-50	11
05:00	1	5	11	9	4	3	0	0	0	0	0	0	0	0	33	41-50	14
06:00	4	5	31	42	14	1	0	0	0	0	0	0	0	0	97	42-51	57
07:00	12	45	64	44	24	6	0	0	0	0	0	0	0	0	195	38-47	72
08:00	10	43	75	37	7	1	0	0	0	0	0	0	0	0	173	38-47	75
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>30</b>	<b>105</b>	<b>201</b>	<b>151</b>	<b>54</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>552</b>		
<b>Percent</b>	<b>5.4%</b>	<b>19.0%</b>	<b>36.4%</b>	<b>27.4%</b>	<b>9.8%</b>	<b>2.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>										<b>07:00</b>	
<b>Vol.</b>	<b>12</b>	<b>45</b>	<b>75</b>	<b>44</b>	<b>24</b>	<b>6</b>										<b>195</b>	
<b>PM Peak</b>																	
<b>Vol.</b>																	
<b>Total</b>	<b>335</b>	<b>1226</b>	<b>2331</b>	<b>1299</b>	<b>273</b>	<b>42</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5517</b>		
<b>Percent</b>	<b>6.1%</b>	<b>22.2%</b>	<b>42.3%</b>	<b>23.5%</b>	<b>4.9%</b>	<b>0.8%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 24 MPH  
50th Percentile : 39 MPH  
85th Percentile : 46 MPH  
95th Percentile : 50 MPH

Stats  
10 MPH Pace Speed : 39-48 MPH  
Number in Pace : 2395  
Percent in Pace : 43.4%  
Number of Vehicles > 55 MPH : 53  
Percent of Vehicles > 55 MPH : 1.0%  
Mean Speed(Average) : 37 MPH

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369 East Park Drive  
Harrisburg, PA 17111

910 speed1  
Count 9  
Piketown and Manor

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/25/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	<b>21</b>	<b>14</b>	<b>46</b>	27	8	<b>3</b>	0	0	0	0	0	0	0	0	<b>119</b>	39-48	41
11:00	9	8	43	<b>40</b>	<b>11</b>	0	0	0	0	0	0	0	0	0	111	41-50	56
12 PM	10	24	58	41	13	2	0	0	0	0	0	0	0	0	148	40-49	65
13:00	10	17	45	50	18	1	0	<b>1</b>	0	0	0	0	0	0	142	41-50	64
14:00	9	20	47	52	8	4	0	0	0	0	0	0	0	0	140	41-50	65
15:00	11	<b>29</b>	78	62	<b>29</b>	<b>7</b>	0	0	0	0	0	0	0	0	216	40-49	97
16:00	<b>13</b>	23	97	71	25	4	<b>1</b>	0	<b>1</b>	0	0	0	0	0	235	40-49	118
17:00	13	21	<b>102</b>	<b>81</b>	25	3	0	0	0	0	0	0	0	0	<b>245</b>	41-50	130
18:00	7	27	74	72	19	2	0	1	0	0	0	0	0	0	202	41-50	103
19:00	6	20	54	33	10	2	1	0	0	0	0	0	0	0	126	39-48	60
20:00	3	23	53	34	9	2	0	0	0	0	0	0	0	0	124	40-49	61
21:00	2	22	37	21	5	2	0	0	0	0	0	0	0	0	89	38-47	41
22:00	1	8	12	24	3	0	0	0	0	0	0	0	0	0	48	42-51	25
23:00	3	3	9	9	4	1	0	1	0	0	0	0	0	0	30	41-50	12
Total	118	259	755	617	187	33	2	3	1	0	0	0	0	0	1975		
Percent	6.0%	13.1%	38.2%	31.2%	9.5%	1.7%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	10:00	11:00	11:00	10:00									10:00		
Vol.	21	14	46	40	11	3									119		
PM Peak	16:00	15:00	17:00	17:00	15:00	15:00	16:00	13:00	16:00						17:00		
Vol.	13	29	102	81	29	7	1	1	1						245		





# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

910 speed1  
Count 9  
Piketown and Manor

Westbound

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total	Pace Speed	Number in Pace
	35	40	45	50	55	60	65	70	75	80	85	90	95	999			
05/27/16	1	2	4	2	5	0	0	0	0	0	0	0	0	0	14	43-52	5
01:00	0	0	0	1	2	1	1	0	0	0	0	0	0	0	5	49-58	3
02:00	0	2	1	2	2	0	0	0	0	0	0	0	0	0	7	44-53	3
03:00	0	1	2	3	1	0	0	0	0	0	0	0	0	0	7	40-49	4
04:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	41-50	4
05:00	1	1	7	5	10	1	0	0	0	0	0	0	0	0	25	46-55	12
06:00	3	8	16	31	7	2	1	0	0	0	0	0	0	0	68	42-51	34
07:00	4	20	76	98	30	5	0	0	0	0	0	0	0	0	233	42-51	136
08:00	6	18	73	68	25	3	2	0	0	0	0	0	0	0	195	41-50	106
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	15	52	181	212	82	12	4	0	0	0	0	0	0	0	558		
<b>Percent</b>	2.7%	9.3%	32.4%	38.0%	14.7%	2.2%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	08:00	07:00	07:00	07:00	07:00	07:00	08:00								07:00		
<b>Vol.</b>	6	20	76	98	30	5	2								233		
<b>PM Peak</b>																	
<b>Vol.</b>	319	718	2088	1663	538	89	11	6	1	0	0	0	0	0	5433		
<b>Percent</b>	5.9%	13.2%	38.4%	30.6%	9.9%	1.6%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 24 MPH  
 50th Percentile : 41 MPH  
 85th Percentile : 48 MPH  
 95th Percentile : 52 MPH

**Stats**

- 10 MPH Pace Speed : 40-49 MPH
- Number in Pace : 2541
- Percent in Pace : 46.8%
- Number of Vehicles > 55 MPH : 107
- Percent of Vehicles > 55 MPH : 2.0%
- Mean Speed(Average) : 39 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 classification1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	1	101	14	1	5	2	0	0	2	0	0	0	0	126
15:00	4	273	<b>57</b>	<b>3</b>	<b>17</b>	<b>8</b>	0	<b>9</b>	5	0	0	0	0	376
16:00	2	<b>378</b>	54	3	11	4	0	3	4	0	0	0	0	<b>459</b>
17:00	<b>6</b>	361	55	1	16	3	0	1	<b>8</b>	0	0	0	0	451
18:00	1	241	36	2	17	0	0	2	3	0	0	0	0	302
19:00	2	171	28	0	1	2	0	3	4	0	0	0	0	211
20:00	4	129	18	0	7	1	0	2	6	0	0	0	0	167
21:00	4	117	15	1	2	0	0	0	1	0	0	0	0	140
22:00	1	86	9	1	0	0	<b>1</b>	0	4	0	<b>2</b>	0	0	104
23:00	1	44	1	1	0	2	0	0	2	0	0	0	0	51
Day Total	26	1901	287	13	76	22	1	20	39	0	2	0	0	2387
Percent	1.1%	79.6%	12.0%	0.5%	3.2%	0.9%	0.0%	0.8%	1.6%	0.0%	0.1%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00 6	16:00 378	15:00 57	15:00 3	15:00 17	15:00 8	22:00 1	15:00 9	17:00 8		22:00 2			16:00 459

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 classification1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	1	38	2	1	1	1	0	1	2	0	0	0	0	47
01:00	0	14	0	0	2	0	0	0	1	0	0	0	0	17
02:00	1	6	1	0	0	1	0	0	1	0	0	0	0	10
03:00	0	11	2	0	0	1	0	0	2	0	0	0	0	16
04:00	1	20	8	0	5	2	1	2	4	0	0	0	0	43
05:00	2	65	30	1	10	1	0	2	6	0	0	0	0	117
06:00	1	186	<b>66</b>	1	13	4	0	2	3	0	0	0	0	276
07:00	<b>4</b>	<b>393</b>	47	3	15	1	0	<b>11</b>	7	0	0	0	0	481
08:00	1	386	56	5	<b>29</b>	4	1	6	7	0	0	<b>1</b>	0	<b>496</b>
09:00	2	344	59	5	27	5	<b>3</b>	5	<b>12</b>	0	0	0	0	462
10:00	3	287	57	<b>11</b>	20	1	1	4	3	<b>1</b>	0	0	0	388
11:00	3	250	54	7	23	<b>7</b>	1	6	4	0	0	0	0	355
12 PM	1	249	<b>59</b>	<b>7</b>	18	<b>6</b>	<b>1</b>	<b>6</b>	<b>9</b>	0	0	0	0	356
13:00	4	208	51	3	18	4	0	6	8	0	0	0	0	302
14:00	<b>6</b>	237	53	7	6	5	1	6	5	<b>1</b>	0	0	0	327
15:00	3	305	44	1	<b>30</b>	2	0	2	9	0	0	0	0	396
16:00	2	338	50	4	13	1	0	3	9	0	0	0	0	<b>420</b>
17:00	5	<b>340</b>	47	2	9	0	0	4	8	0	0	0	0	415
18:00	3	260	43	1	7	2	0	0	3	0	0	0	0	319
19:00	1	198	29	2	5	0	0	2	5	0	0	0	0	242
20:00	1	143	21	0	6	0	0	0	4	0	0	0	0	175
21:00	3	121	14	1	7	0	1	1	3	1	0	0	0	152
22:00	2	95	7	0	2	0	1	1	3	0	0	0	0	111
23:00	0	44	5	1	3	0	0	0	2	0	0	0	0	55
Day Total	50	4538	805	63	269	48	11	70	120	3	0	1	0	5978
Percent	0.8%	75.9%	13.5%	1.1%	4.5%	0.8%	0.2%	1.2%	2.0%	0.1%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	06:00	10:00	08:00	11:00	09:00	07:00	09:00	10:00		08:00		08:00
Vol.	4	393	66	11	29	7	3	11	12	1		1		496
PM Peak	14:00	17:00	12:00	12:00	15:00	12:00	12:00	12:00	12:00	14:00				16:00
Vol.	6	340	59	7	30	6	1	6	9	1				420

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 classification1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	25	4	0	1	0	0	0	1	0	0	0	0	31
01:00	1	16	0	0	0	1	0	0	1	0	0	0	0	19
02:00	0	8	1	0	2	0	0	0	1	0	0	0	0	12
03:00	0	15	3	0	0	0	0	0	1	0	0	0	0	19
04:00	1	26	7	1	1	0	0	1	1	0	0	0	0	38
05:00	0	79	30	0	11	2	0	0	5	0	0	0	0	127
06:00	<b>2</b>	165	56	5	17	2	0	4	2	0	0	0	0	253
07:00	2	<b>378</b>	42	2	17	1	<b>1</b>	2	10	<b>1</b>	0	0	0	456
08:00	1	369	57	2	<b>24</b>	3	1	<b>8</b>	9	0	0	0	0	<b>474</b>
09:00	1	301	<b>61</b>	<b>7</b>	14	4	0	3	8	0	0	<b>1</b>	0	400
10:00	1	276	43	5	12	<b>5</b>	1	4	<b>12</b>	0	0	0	0	359
11:00	0	252	50	4	17	4	0	2	11	0	0	0	<b>1</b>	341
12 PM	<b>3</b>	239	49	5	9	1	<b>1</b>	<b>8</b>	10	1	0	0	0	326
13:00	1	227	53	0	9	3	1	2	7	1	0	0	0	304
14:00	3	232	<b>58</b>	5	<b>22</b>	3	1	4	10	0	0	0	0	338
15:00	0	305	41	<b>6</b>	17	<b>4</b>	0	3	8	0	0	0	0	384
16:00	0	344	38	2	16	1	1	3	2	<b>2</b>	0	0	0	409
17:00	0	<b>387</b>	58	0	10	3	0	3	4	1	0	0	0	<b>466</b>
18:00	1	248	39	1	8	1	0	2	5	0	0	0	0	305
19:00	0	219	21	2	8	3	0	2	12	0	7	0	0	274
20:00	3	244	28	3	10	2	0	4	<b>47</b>	0	<b>9</b>	<b>3</b>	0	353
21:00	0	166	24	0	4	1	0	3	21	0	5	2	0	226
22:00	1	94	9	0	1	1	1	1	0	0	1	0	0	109
23:00	0	41	4	0	2	0	0	0	0	0	0	0	0	47
Day Total	21	4656	776	50	232	45	8	59	188	6	22	6	1	6070
Percent	0.3%	76.7%	12.8%	0.8%	3.8%	0.7%	0.1%	1.0%	3.1%	0.1%	0.4%	0.1%	0.0%	
AM Peak	06:00	07:00	09:00	09:00	08:00	10:00	07:00	08:00	10:00	07:00		09:00	11:00	08:00
Vol.	2	378	61	7	24	5	1	8	12	1		1	1	474
PM Peak	12:00	17:00	14:00	15:00	14:00	15:00	12:00	12:00	20:00	16:00	20:00	20:00		17:00
Vol.	3	387	58	6	22	4	1	8	47	2	9	3		466

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 classification1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	1	30	2	0	3	1	0	0	1	0	0	0	0	38
01:00	0	16	3	0	1	0	0	1	2	0	0	0	0	23
02:00	0	11	2	1	0	1	0	1	2	0	0	0	0	18
03:00	0	11	1	0	1	0	0	0	1	0	0	0	0	14
04:00	0	23	11	0	3	0	0	1	1	0	0	0	0	39
05:00	1	80	31	0	12	3	0	0	4	0	0	0	0	131
06:00	0	193	49	2	20	5	0	4	5	0	0	0	0	278
07:00	1	<b>393</b>	54	1	20	1	0	<b>8</b>	10	0	0	0	0	<b>488</b>
08:00	1	363	<b>68</b>	0	22	5	<b>1</b>	1	<b>11</b>	0	0	0	0	472
09:00	0	340	44	5	13	3	0	5	9	0	0	0	0	419
10:00	<b>6</b>	291	43	<b>7</b>	<b>26</b>	3	1	1	6	0	0	0	0	384
11:00	3	241	56	6	15	<b>8</b>	0	4	10	0	0	0	0	343
12 PM	3	268	<b>69</b>	<b>5</b>	21	<b>5</b>	0	3	11	0	0	0	0	385
13:00	2	225	49	3	16	2	0	5	10	<b>1</b>	0	0	0	313
14:00	3	264	63	5	11	3	0	9	9	1	0	0	0	368
15:00	0	311	55	0	<b>22</b>	0	0	4	5	0	0	0	0	397
16:00	1	347	51	5	14	3	0	3	6	0	0	0	0	430
17:00	<b>6</b>	<b>446</b>	54	5	21	3	0	<b>13</b>	<b>34</b>	0	0	0	0	<b>582</b>
18:00	4	231	43	2	8	3	0	4	9	0	<b>1</b>	0	0	305
19:00	3	192	25	0	2	3	0	4	3	0	0	0	0	232
20:00	4	168	18	0	6	0	1	1	4	0	0	0	0	202
21:00	2	134	23	1	4	2	0	1	1	0	0	0	0	168
22:00	2	101	17	0	5	0	<b>2</b>	0	1	0	0	0	0	128
23:00	0	59	7	0	0	2	0	1	1	0	0	0	0	70
Day Total	43	4738	838	48	266	56	5	74	156	2	1	0	0	6227
Percent	0.7%	76.1%	13.5%	0.8%	4.3%	0.9%	0.1%	1.2%	2.5%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	07:00	08:00	10:00	10:00	11:00	08:00	07:00	08:00					07:00
Vol.	6	393	68	7	26	8	1	8	11					488
PM Peak	17:00	17:00	12:00	12:00	15:00	12:00	22:00	17:00	17:00	13:00	18:00			17:00
Vol.	6	446	69	5	22	5	2	13	34	1	1			582

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 classification1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	1	33	0	0	0	2	0	0	2	0	0	0	0	38
01:00	0	11	0	0	0	0	0	0	3	0	0	0	0	14
02:00	0	6	3	2	1	0	0	0	1	0	0	0	0	13
03:00	2	11	3	0	1	2	0	2	0	0	0	0	0	21
04:00	0	25	6	1	1	1	0	0	1	0	0	0	0	35
05:00	1	66	30	0	14	0	0	1	2	0	0	0	0	114
06:00	2	188	47	1	14	4	0	8	4	0	0	0	0	268
07:00	1	340	63	3	21	9	1	6	7	0	0	0	0	451
08:00	3	354	49	3	15	7	0	6	6	0	0	1	0	444
09:00	3	380	58	6	15	10	0	6	10	0	0	0	0	488
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	13	1414	259	16	82	35	1	29	36	0	0	1	0	1886
Percent	0.7%	75.0%	13.7%	0.8%	4.3%	1.9%	0.1%	1.5%	1.9%	0.0%	0.0%	0.1%	0.0%	
AM Peak	08:00	09:00	07:00	09:00	07:00	09:00	07:00	06:00	09:00			08:00		09:00
Vol.	3	380	63	6	21	10	1	8	10			1		488
PM Peak														
Vol.														
Grand Total	153	17247	2965	190	925	206	26	252	539	11	25	8	1	22548
Percent	0.7%	76.5%	13.1%	0.8%	4.1%	0.9%	0.1%	1.1%	2.4%	0.0%	0.1%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 classification  
Count 10  
Jonestown and Route 322

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	1	281	99	1	<b>27</b>	<b>4</b>	0	<b>11</b>	<b>9</b>	0	0	0	0	433
16:00	1	363	<b>104</b>	3	20	2	0	6	7	0	0	0	0	<b>506</b>
17:00	<b>3</b>	<b>400</b>	65	<b>6</b>	21	2	0	3	3	0	0	0	0	503
18:00	0	238	59	4	15	2	0	4	3	0	0	0	0	325
19:00	0	184	39	1	9	3	0	0	4	0	0	0	0	240
20:00	1	180	45	1	6	2	0	1	2	0	0	0	0	238
21:00	0	152	32	0	6	1	0	2	5	0	0	0	0	198
22:00	0	138	39	3	3	0	0	0	0	0	0	0	0	183
23:00	1	76	18	2	3	1	0	0	0	0	0	0	0	101
Day Total	7	2012	500	21	110	17	0	27	33	0	0	0	0	2727
Percent	0.3%	73.8%	18.3%	0.8%	4.0%	0.6%	0.0%	1.0%	1.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00 3	17:00 400	16:00 104	17:00 6	15:00 27	15:00 4		15:00 11	15:00 9					16:00 506

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 classification  
Count 10  
Jonestown and Route 322

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	0	38	2	2	1	1	0	0	0	0	0	0	0	44
01:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16
02:00	0	10	0	0	1	0	1	0	5	0	0	0	0	17
03:00	0	6	2	0	3	0	1	0	2	0	0	0	0	14
04:00	0	9	3	0	3	0	1	0	4	0	0	0	0	20
05:00	2	56	14	4	15	4	0	0	3	0	0	0	0	98
06:00	2	167	43	3	21	3	1	1	0	0	0	0	0	241
07:00	<b>3</b>	<b>288</b>	43	1	<b>25</b>	4	1	4	6	0	0	0	0	<b>375</b>
08:00	1	189	51	4	21	1	0	2	6	0	0	0	0	275
09:00	0	171	39	5	10	3	<b>2</b>	<b>9</b>	12	0	0	0	0	251
10:00	2	150	45	<b>13</b>	22	<b>6</b>	2	6	<b>15</b>	0	0	0	0	261
11:00	1	158	<b>69</b>	7	17	4	0	9	15	0	0	0	0	280
12 PM	0	199	76	<b>6</b>	22	<b>7</b>	0	5	6	0	0	0	0	321
13:00	<b>2</b>	203	79	5	24	4	0	11	<b>19</b>	0	0	0	0	347
14:00	0	200	84	4	<b>27</b>	1	0	10	13	0	0	0	0	339
15:00	0	306	92	5	24	5	0	8	11	0	0	0	0	451
16:00	0	<b>440</b>	101	1	22	3	0	<b>12</b>	3	0	0	0	0	<b>582</b>
17:00	0	412	<b>106</b>	4	22	1	0	8	5	0	0	0	0	558
18:00	2	227	63	0	7	3	0	2	2	0	0	0	0	306
19:00	1	187	35	5	10	0	0	1	3	0	0	0	0	242
20:00	0	171	35	2	1	0	0	0	4	0	0	0	0	213
21:00	1	182	31	2	7	1	0	0	2	0	0	0	0	226
22:00	0	153	47	2	6	2	0	0	5	0	0	0	0	215
23:00	1	65	16	0	3	1	0	0	1	0	0	0	0	87
Day Total	18	4002	1077	75	314	54	9	88	142	0	0	0	0	5779
Percent	0.3%	69.3%	18.6%	1.3%	5.4%	0.9%	0.2%	1.5%	2.5%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	11:00	10:00	07:00	10:00	09:00	09:00	10:00					07:00
Vol.	3	288	69	13	25	6	2	9	15					375
PM Peak	13:00	16:00	17:00	12:00	14:00	12:00		16:00	13:00					16:00
Vol.	2	440	106	6	27	7		12	19					582



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 classification  
Count 10  
Jonestown and Route 322

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	26	6	3	2	0	0	0	0	0	0	0	0	37
01:00	0	18	3	0	2	1	1	0	3	0	0	0	0	28
02:00	0	12	1	0	0	1	1	1	3	0	0	0	0	19
03:00	0	12	2	1	1	0	0	1	0	0	0	0	0	17
04:00	0	11	5	0	3	1	0	1	2	0	0	0	0	23
05:00	0	65	18	1	8	1	0	2	4	0	0	0	0	99
06:00	0	183	38	3	17	1	0	5	6	1	0	0	0	254
07:00	1	<b>294</b>	51	<b>11</b>	9	<b>5</b>	0	1	8	1	0	0	0	<b>381</b>
08:00	1	227	56	4	19	3	1	<b>9</b>	9	0	0	0	0	329
09:00	1	170	<b>57</b>	8	20	4	1	9	<b>14</b>	1	0	0	0	285
10:00	0	163	57	5	<b>27</b>	1	0	6	11	0	0	<b>1</b>	0	271
11:00	0	168	53	6	20	2	0	4	7	0	0	0	0	260
12 PM	1	178	76	5	19	2	<b>1</b>	2	13	0	0	0	0	297
13:00	<b>3</b>	200	63	<b>7</b>	20	4	0	6	6	<b>1</b>	0	0	0	310
14:00	1	235	93	5	18	3	0	12	13	1	0	0	0	381
15:00	0	289	92	4	20	3	0	<b>13</b>	<b>15</b>	0	0	0	0	436
16:00	1	377	<b>98</b>	3	<b>26</b>	4	0	4	8	0	0	0	0	<b>521</b>
17:00	0	<b>397</b>	87	5	19	1	0	0	8	0	0	0	0	517
18:00	0	232	65	0	12	1	0	1	2	0	0	0	0	313
19:00	2	198	44	2	9	<b>5</b>	0	2	5	0	0	0	0	267
20:00	1	169	39	1	6	0	0	3	5	0	0	0	0	224
21:00	1	171	42	1	7	1	0	0	2	0	0	0	0	225
22:00	1	114	25	2	3	2	0	0	4	0	0	0	0	151
23:00	0	74	9	2	2	0	0	1	0	0	0	0	0	88
Day Total	14	3983	1080	79	289	46	5	83	148	5	0	1	0	5733
Percent	0.2%	69.5%	18.8%	1.4%	5.0%	0.8%	0.1%	1.4%	2.6%	0.1%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	09:00	07:00	10:00	07:00	01:00	08:00	09:00	06:00		10:00		07:00
Vol.	1	294	57	11	27	5	1	9	14	1		1		381
PM Peak	13:00	17:00	16:00	13:00	16:00	19:00	12:00	15:00	15:00	13:00				16:00
Vol.	3	397	98	7	26	5	1	13	15	1				521

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 classification  
Count 10  
Jonestown and Route 322

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	30	7	0	1	2	0	0	1	0	0	0	0	41
01:00	0	9	5	1	1	0	0	0	1	0	0	0	0	17
02:00	0	15	2	0	2	0	0	1	5	0	0	0	0	25
03:00	0	4	3	0	2	0	0	1	3	0	0	0	0	13
04:00	0	13	6	0	3	1	0	1	5	0	0	0	0	29
05:00	0	52	16	3	9	1	0	1	2	0	0	0	0	84
06:00	1	159	44	4	17	3	1	2	3	1	0	0	0	235
07:00	0	<b>285</b>	<b>64</b>	3	19	1	<b>2</b>	2	10	0	0	0	0	<b>386</b>
08:00	0	221	56	<b>6</b>	23	5	0	6	<b>13</b>	0	0	0	0	330
09:00	<b>3</b>	159	58	1	13	7	0	8	7	1	0	0	0	257
10:00	2	169	56	5	28	<b>8</b>	0	<b>12</b>	11	0	0	0	0	291
11:00	2	157	55	4	<b>30</b>	5	2	8	7	0	0	0	0	270
12 PM	<b>4</b>	221	68	<b>12</b>	13	5	0	8	12	0	0	0	0	343
13:00	0	219	65	4	<b>28</b>	2	0	<b>12</b>	11	0	0	0	0	341
14:00	4	231	87	8	25	<b>6</b>	0	12	<b>14</b>	0	0	0	0	387
15:00	2	292	<b>112</b>	5	17	6	0	11	6	0	0	0	0	451
16:00	0	<b>440</b>	105	3	26	3	0	9	2	0	0	0	0	<b>588</b>
17:00	1	417	89	4	17	6	0	7	8	0	0	0	0	549
18:00	0	272	55	3	18	4	0	5	6	0	<b>1</b>	0	0	364
19:00	0	214	47	1	11	1	0	2	2	0	0	0	0	278
20:00	0	199	36	3	7	0	0	4	1	0	0	0	0	250
21:00	0	188	38	0	9	2	0	0	2	0	0	0	0	239
22:00	1	178	51	1	6	0	0	2	1	0	0	0	0	240
23:00	0	74	23	1	2	0	0	1	2	0	0	0	0	103
Day Total	20	4218	1148	72	327	68	5	115	135	2	1	0	0	6111
Percent	0.3%	69.0%	18.8%	1.2%	5.4%	1.1%	0.1%	1.9%	2.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	07:00	08:00	11:00	10:00	07:00	10:00	08:00	06:00				07:00
Vol.	3	285	64	6	30	8	2	12	13	1				386
PM Peak	12:00	16:00	15:00	12:00	13:00	14:00		13:00	14:00		18:00			16:00
Vol.	4	440	112	12	28	6		12	14		1			588

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 classification  
Count 10  
Jonestown and Route 322

**Northbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	<b>2</b>	39	7	0	3	2	0	0	1	0	0	0	0	54
01:00	0	12	2	0	1	0	0	0	1	0	0	0	0	16
02:00	1	17	1	1	1	2	2	0	2	0	0	0	0	27
03:00	0	8	3	0	2	0	0	1	1	0	0	0	0	15
04:00	0	20	11	1	3	0	0	1	3	0	0	0	0	39
05:00	1	51	17	0	10	2	0	0	3	0	0	0	0	84
06:00	1	140	55	4	15	<b>5</b>	0	1	7	0	<b>1</b>	0	0	229
07:00	1	<b>243</b>	57	5	<b>18</b>	1	4	<b>8</b>	7	0	0	0	0	<b>344</b>
08:00	2	200	49	3	17	5	4	6	7	0	0	0	0	293
09:00	2	172	<b>62</b>	<b>12</b>	16	5	<b>6</b>	6	<b>19</b>	0	0	0	<b>1</b>	301
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	10	902	264	26	86	22	16	23	51	0	1	0	1	1402
Percent	0.7%	64.3%	18.8%	1.9%	6.1%	1.6%	1.1%	1.6%	3.6%	0.0%	0.1%	0.0%	0.1%	
AM Peak	00:00	07:00	09:00	09:00	07:00	06:00	09:00	07:00	09:00		06:00		09:00	07:00
Vol.	2	243	62	12	18	5	6	8	19		1		1	344
PM Peak														
Vol.														
Grand Total	69	15117	4069	273	1126	207	35	336	509	7	2	1	1	21752
Percent	0.3%	69.5%	18.7%	1.3%	5.2%	1.0%	0.2%	1.5%	2.3%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 speed1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	<b>25</b>	0	0	0	<b>3</b>	6	16	34	36	5	1	0	0	0	126	46-55	55
15:00	4	0	0	<b>2</b>	3	10	36	163	122	32	2	<b>2</b>	0	0	376	45-54	257
16:00	0	0	0	0	1	<b>19</b>	70	194	<b>132</b>	<b>39</b>	3	1	0	0	<b>459</b>	45-54	305
17:00	1	0	0	1	2	11	<b>97</b>	<b>212</b>	104	22	1	0	0	0	451	44-53	313
18:00	1	0	0	0	0	4	35	126	95	36	<b>5</b>	0	0	0	302	46-55	202
19:00	0	0	0	1	1	4	46	81	57	19	2	0	0	0	211	44-53	134
20:00	1	0	0	0	2	5	35	76	35	11	1	0	<b>1</b>	0	167	43-52	111
21:00	0	0	0	0	2	9	18	60	35	11	5	0	0	0	140	45-54	89
22:00	0	0	0	0	0	0	17	41	30	13	2	1	0	0	104	45-54	67
23:00	0	0	<b>2</b>	0	0	0	10	16	17	3	1	1	0	1	51	45-54	31
Total	32	0	2	4	14	68	380	1003	663	191	23	5	1	1	2387		
Percent	1.3%	0.0%	0.1%	0.2%	0.6%	2.8%	15.9%	42.0%	27.8%	8.0%	1.0%	0.2%	0.0%	0.0%			

AM Peak  
Vol.

PM Peak	14:00	23:00	15:00	14:00	16:00	17:00	17:00	16:00	16:00	18:00	15:00	20:00	23:00	16:00
Vol.	25	2	2	3	19	97	212	132	39	5	2	1	1	459

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 speed1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
07/12/16	0	0	0	0	0	0	6	22	12	4	3	0	0	0	47	44-53	32
01:00	0	0	0	0	0	3	3	3	6	2	0	0	0	0	17	46-55	9
02:00	0	0	0	0	0	3	0	3	3	0	0	1	0	0	10	47-56	5
03:00	0	0	0	0	0	0	6	8	2	0	0	0	0	0	16	41-50	13
04:00	0	0	0	0	0	1	6	13	15	8	0	0	0	0	43	47-56	26
05:00	0	0	0	0	0	1	13	43	44	13	3	0	0	0	117	46-55	80
06:00	0	0	0	0	0	3	41	106	88	29	8	1	0	0	276	45-54	180
07:00	2	0	0	0	0	7	131	192	122	24	3	0	0	0	481	43-52	318
08:00	4	0	0	0	0	11	105	217	131	26	2	0	0	0	496	44-53	335
09:00	2	0	0	0	3	21	119	196	108	10	2	1	0	0	462	43-52	310
10:00	2	0	1	0	3	14	99	175	71	18	4	1	0	0	388	43-52	262
11:00	2	0	0	2	2	11	90	150	73	21	4	0	0	0	355	43-52	232
12 PM	2	0	0	0	0	22	110	146	61	12	2	1	0	0	356	42-51	238
13:00	6	0	0	0	7	6	63	130	71	19	0	0	0	0	302	44-53	195
14:00	1	0	0	0	5	9	73	123	89	20	6	1	0	0	327	44-53	205
15:00	1	0	0	0	6	12	75	163	109	29	1	0	0	0	396	44-53	258
16:00	0	0	0	0	2	9	85	200	102	17	5	0	0	0	420	44-53	295
17:00	1	0	0	0	5	17	91	192	95	12	2	0	0	0	415	44-53	285
18:00	0	0	0	3	1	6	63	156	71	17	2	0	0	0	319	44-53	224
19:00	0	0	0	0	1	4	45	103	63	22	3	0	1	0	242	44-53	159
20:00	0	0	1	1	0	9	32	74	44	13	1	0	0	0	175	44-53	113
21:00	0	0	0	0	2	6	31	51	48	9	3	2	0	0	152	45-54	93
22:00	1	0	0	0	0	6	16	38	38	10	2	0	0	0	111	46-55	69
23:00	0	0	0	0	0	2	10	18	16	5	3	0	1	0	55	45-54	32
<b>Total</b>	<b>24</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>37</b>	<b>183</b>	<b>1313</b>	<b>2522</b>	<b>1482</b>	<b>340</b>	<b>59</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>5978</b>		
Percent	0.4%	0.0%	0.0%	0.1%	0.6%	3.1%	22.0%	42.2%	24.8%	5.7%	1.0%	0.1%	0.0%	0.0%			
AM Peak	08:00		10:00	11:00	09:00	09:00	07:00	08:00	08:00	06:00	06:00	02:00				08:00	
Vol.	4		1	2	3	21	131	217	131	29	8	1			496		
PM Peak	13:00		20:00	18:00	13:00	12:00	12:00	16:00	15:00	15:00	14:00	21:00	19:00		16:00		
Vol.	6		1	3	7	22	110	200	109	29	6	2	1		420		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 speed1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	0	0	3	4	12	7	4	0	0	1	0	31	45-54	18
01:00	0	0	0	1	3	0	4	7	3	1	0	0	0	0	19	43-52	11
02:00	0	0	0	0	0	1	3	3	2	0	3	0	0	0	12	41-50	6
03:00	0	0	0	0	0	1	4	9	3	1	1	0	0	0	19	43-52	13
04:00	0	0	0	0	0	0	2	14	13	9	0	0	0	0	38	48-57	25
05:00	0	0	0	0	0	0	16	55	36	18	2	0	0	0	127	45-54	85
06:00	1	0	0	0	0	3	62	80	87	19	1	0	0	0	253	45-54	158
07:00	1	0	0	0	0	20	148	176	95	15	1	0	0	0	456	42-51	305
08:00	1	0	0	0	2	28	113	221	89	20	0	0	0	0	474	43-52	324
09:00	1	0	0	0	0	27	136	168	58	10	0	0	0	0	400	42-51	279
10:00	0	0	0	0	2	33	96	148	65	14	1	0	0	0	359	42-51	232
11:00	0	0	0	0	3	21	83	148	66	15	5	0	0	0	341	43-52	224
12 PM	1	0	0	0	0	10	81	131	81	21	1	0	0	0	326	44-53	211
13:00	1	0	0	1	4	4	69	149	64	10	2	0	0	0	304	43-52	215
14:00	0	0	0	0	1	11	79	131	91	22	3	0	0	0	338	44-53	217
15:00	0	0	0	0	0	5	94	166	94	22	2	1	0	0	384	44-53	260
16:00	0	0	0	1	2	5	41	210	110	35	5	0	0	0	409	45-54	296
17:00	1	0	0	0	2	13	139	214	76	20	1	0	0	0	466	42-51	329
18:00	0	0	0	0	1	27	93	130	44	10	0	0	0	0	305	42-51	207
19:00	0	0	3	4	4	13	65	104	62	17	2	0	0	0	274	43-52	168
20:00	1	0	0	2	7	22	117	143	49	10	2	0	0	0	353	42-51	238
21:00	0	0	0	0	0	13	66	90	44	11	2	0	0	0	226	42-51	148
22:00	1	0	0	0	3	2	24	48	22	6	3	0	0	0	109	43-52	71
23:00	0	0	0	0	0	3	9	14	14	3	3	1	0	0	47	46-55	26
<b>Total</b>	<b>9</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>34</b>	<b>265</b>	<b>1548</b>	<b>2571</b>	<b>1275</b>	<b>313</b>	<b>40</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>6070</b>		
Percent	0.1%	0.0%	0.0%	0.1%	0.6%	4.4%	25.5%	42.4%	21.0%	5.2%	0.7%	0.0%	0.0%	0.0%			
AM Peak	06:00			01:00	01:00	10:00	07:00	08:00	07:00	08:00	11:00		00:00		08:00		
Vol.	1			1	3	33	148	221	95	20	5		1		474		
PM Peak	12:00		19:00	19:00	20:00	18:00	17:00	17:00	16:00	16:00	16:00	15:00			17:00		
Vol.	1		3	4	7	27	139	214	110	35	5	1			466		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 speed1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/14/16	0	0	0	0	0	3	7	13	12	2	1	0	0	0	38	46-55	23
01:00	0	0	0	0	0	2	5	8	5	3	0	0	0	0	23	42-51	13
02:00	0	0	0	0	0	2	4	5	5	2	0	0	0	0	18	44-53	10
03:00	0	0	0	0	0	0	2	6	3	2	1	0	0	0	14	44-53	9
04:00	0	0	0	0	0	1	2	12	11	11	1	0	1	0	39	47-56	23
05:00	0	0	0	2	10	2	23	49	25	14	5	1	0	0	131	44-53	73
06:00	1	0	0	0	1	8	48	108	88	22	2	0	0	0	278	45-54	182
07:00	1	0	0	0	0	34	132	205	99	16	1	0	0	0	488	43-52	323
08:00	0	0	0	0	6	22	139	202	82	15	6	0	0	0	472	42-51	320
09:00	0	0	0	0	6	6	109	167	105	21	4	1	0	0	419	43-52	274
10:00	0	0	0	0	3	11	77	199	81	13	0	0	0	0	384	44-53	278
11:00	2	1	1	2	11	12	93	122	73	24	2	0	0	0	343	43-52	206
12 PM	3	0	0	0	1	13	78	172	99	16	3	0	0	0	385	44-53	261
13:00	1	1	0	1	0	15	74	114	80	22	4	1	0	0	313	44-53	191
14:00	4	0	0	0	1	10	62	163	91	31	5	0	0	1	368	44-53	240
15:00	0	0	0	0	1	13	74	144	126	33	6	0	0	0	397	45-54	253
16:00	2	0	0	0	0	12	89	191	106	22	6	1	0	1	430	44-53	289
17:00	3	2	1	2	7	15	139	241	139	26	6	1	0	0	582	43-52	378
18:00	0	0	0	0	3	11	40	131	93	19	7	0	1	0	305	45-54	207
19:00	1	0	0	0	0	11	50	79	65	21	4	1	0	0	232	44-53	138
20:00	1	0	0	0	1	11	49	85	44	10	1	0	0	0	202	43-52	131
21:00	0	0	0	1	0	9	30	76	39	11	2	0	0	0	168	44-53	111
22:00	0	0	0	0	1	5	22	56	25	16	3	0	0	0	128	44-53	80
23:00	0	0	0	0	0	1	9	32	20	4	3	1	0	0	70	45-54	48
<b>Total</b>	19	4	2	8	52	229	1357	2580	1516	376	73	7	2	2	6227		
<b>Percent</b>	0.3%	0.1%	0.0%	0.1%	0.8%	3.7%	21.8%	41.4%	24.3%	6.0%	1.2%	0.1%	0.0%	0.0%			
<b>AM Peak</b>	11:00	11:00	11:00	05:00	11:00	07:00	08:00	07:00	09:00	11:00	08:00	05:00	04:00		07:00		
<b>Vol.</b>	2	1	1	2	11	34	139	205	105	24	6	1	1		488		
<b>PM Peak</b>	14:00	17:00	17:00	17:00	17:00	13:00	17:00	17:00	17:00	15:00	18:00	13:00	18:00	14:00	17:00		
<b>Vol.</b>	4	2	1	2	7	15	139	241	139	33	7	1	1	1	582		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1000 speed1  
Count 10  
Jonestown and Route 322

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	1	2	0	0	0	0	5	13	12	4	0	0	1	0	38	46-55	22
01:00	0	0	0	0	0	1	3	4	5	0	1	0	0	0	14	46-55	8
02:00	0	0	0	0	1	1	2	4	4	1	0	0	0	0	13	47-56	7
03:00	0	0	0	0	2	0	3	4	7	4	1	0	0	0	21	46-55	11
04:00	0	0	0	0	1	1	5	14	10	4	0	0	0	0	35	46-55	22
05:00	0	0	0	0	0	5	14	33	37	18	5	2	0	0	114	47-56	65
06:00	0	0	0	0	0	16	53	91	72	28	5	3	0	0	268	45-54	156
07:00	1	0	0	0	0	27	125	198	84	12	4	0	0	0	451	43-52	306
08:00	4	0	0	0	1	21	147	188	66	12	3	1	1	0	444	42-51	307
09:00	2	0	3	6	3	46	122	175	114	14	3	0	0	0	488	43-52	293
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>8</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>8</b>	<b>118</b>	<b>479</b>	<b>724</b>	<b>411</b>	<b>97</b>	<b>22</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>1886</b>		
<b>Percent</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>6.3%</b>	<b>25.4%</b>	<b>38.4%</b>	<b>21.8%</b>	<b>5.1%</b>	<b>1.2%</b>	<b>0.3%</b>	<b>0.1%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>00:00</b>	<b>09:00</b>	<b>09:00</b>	<b>09:00</b>	<b>09:00</b>	<b>08:00</b>	<b>07:00</b>	<b>09:00</b>	<b>06:00</b>	<b>05:00</b>	<b>06:00</b>	<b>00:00</b>		<b>09:00</b>		
<b>Vol.</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>46</b>	<b>147</b>	<b>198</b>	<b>114</b>	<b>28</b>	<b>5</b>	<b>3</b>	<b>1</b>		<b>488</b>		
<b>PM Peak</b>																	
<b>Vol.</b>	<b>92</b>	<b>6</b>	<b>12</b>	<b>33</b>	<b>145</b>	<b>863</b>	<b>5077</b>	<b>9400</b>	<b>5347</b>	<b>1317</b>	<b>217</b>	<b>28</b>	<b>8</b>	<b>3</b>	<b>22548</b>		
<b>Percent</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.6%</b>	<b>3.8%</b>	<b>22.5%</b>	<b>41.7%</b>	<b>23.7%</b>	<b>5.8%</b>	<b>1.0%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 42 MPH  
 50th Percentile : 47 MPH  
 85th Percentile : 53 MPH  
 95th Percentile : 56 MPH

Stats  
 10 MPH Pace Speed : 44-53 MPH  
 Number in Pace : 14591  
 Percent in Pace : 64.7%  
 Number of Vehicles > 55 MPH : 1573  
 Percent of Vehicles > 55 MPH : 7.0%  
 Mean Speed(Average) : 48 MPH



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 speed1  
Count 10  
Jonestown and Route 322

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	5	0	0	0	0	<b>4</b>	39	190	157	29	<b>8</b>	0	<b>1</b>	0	433	46-55	311
16:00	5	0	0	0	0	3	<b>62</b>	204	<b>187</b>	40	3	2	0	0	<b>506</b>	46-55	354
17:00	<b>8</b>	0	0	0	2	4	57	<b>205</b>	175	<b>41</b>	8	<b>3</b>	0	0	503	46-55	342
18:00	4	0	0	1	<b>3</b>	3	23	140	117	28	6	0	0	0	325	46-55	230
19:00	3	0	0	0	0	4	23	109	82	15	4	0	0	0	240	45-54	171
20:00	1	0	0	0	0	4	33	95	74	23	6	0	0	<b>2</b>	238	45-54	156
21:00	2	0	0	<b>2</b>	1	4	31	85	51	18	4	0	0	0	198	45-54	127
22:00	2	0	0	0	1	1	10	55	65	40	8	1	0	0	183	48-57	113
23:00	0	0	0	0	2	0	7	40	38	9	4	1	0	0	101	46-55	71
Total	30	0	0	3	9	27	285	1123	946	243	51	7	1	2	2727		
Percent	1.1%	0.0%	0.0%	0.1%	0.3%	1.0%	10.5%	41.2%	34.7%	8.9%	1.9%	0.3%	0.0%	0.1%			
AM Peak Vol.																	
PM Peak Vol.	17:00			21:00	18:00	15:00	16:00	17:00	16:00	17:00	15:00	17:00	15:00	20:00	16:00		
	8			2	3	4	62	205	187	41	8	3	1	2	506		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 speed1  
Count 10  
Jonestown and Route 322

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	0	0	0	0	0	1	3	14	16	6	2	2	0	0	44	47-56	28
01:00	1	0	0	1	0	0	2	1	5	3	2	1	0	0	16	51-60	7
02:00	0	0	0	0	0	0	2	6	3	3	0	2	1	0	17	43-52	9
03:00	0	0	0	0	0	0	1	2	8	2	1	0	0	0	14	49-58	10
04:00	0	0	0	0	0	1	3	6	4	4	2	0	0	0	20	44-53	10
05:00	0	0	0	0	1	0	9	27	30	15	11	3	2	0	98	47-56	54
06:00	4	0	0	0	0	0	8	86	101	34	5	3	0	0	241	47-56	169
07:00	4	0	0	0	1	5	34	151	130	35	13	1	1	0	375	46-55	254
08:00	5	0	1	1	0	4	31	103	93	29	6	1	1	0	275	46-55	177
09:00	3	0	0	0	0	7	34	89	84	30	4	0	0	0	251	46-55	158
10:00	3	0	2	0	0	3	37	107	77	28	4	0	0	0	261	45-54	170
11:00	3	0	2	2	1	1	30	107	102	26	6	0	0	0	280	46-55	189
12 PM	5	0	0	0	1	5	52	122	98	35	2	1	0	0	321	45-54	203
13:00	2	0	0	1	4	13	49	127	112	35	4	0	0	0	347	46-55	219
14:00	4	0	0	0	1	8	37	140	111	33	5	0	0	0	339	46-55	227
15:00	8	0	0	0	2	11	42	194	142	41	11	0	0	0	451	45-54	302
16:00	10	0	0	0	0	0	60	243	206	51	12	0	0	0	582	46-55	403
17:00	7	0	0	0	0	3	40	220	224	54	7	2	1	0	558	46-55	398
18:00	6	0	0	2	0	6	32	108	114	29	9	0	0	0	306	46-55	200
19:00	2	0	0	0	1	4	34	78	99	22	2	0	0	0	242	46-55	161
20:00	1	1	0	1	1	3	42	84	63	15	2	0	0	0	213	45-54	138
21:00	1	0	0	0	0	10	34	83	65	28	5	0	0	0	226	45-54	138
22:00	1	0	0	0	2	6	30	75	61	32	8	0	0	0	215	46-55	127
23:00	0	0	0	0	1	3	7	28	35	11	1	0	0	1	87	46-55	58
<b>Total</b>	70	1	5	8	16	94	653	2201	1983	601	124	16	6	1	5779		
<b>Percent</b>	1.2%	0.0%	0.1%	0.1%	0.3%	1.6%	11.3%	38.1%	34.3%	10.4%	2.1%	0.3%	0.1%	0.0%			
<b>AM Peak</b>	08:00		10:00	11:00	05:00	09:00	10:00	07:00	07:00	07:00	07:00	05:00	05:00		07:00		
<b>Vol.</b>	5		2	2	1	7	37	151	130	35	13	3	2		375		
<b>PM Peak</b>	16:00	20:00		18:00	13:00	13:00	16:00	16:00	17:00	17:00	16:00	17:00	17:00	23:00	16:00		
<b>Vol.</b>	10	1		2	4	13	60	243	224	54	12	2	1	1	582		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 speed1  
Count 10  
Jonestown and Route 322

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	0	0	0	2	14	13	3	3	1	1	0	37	46-55	25
01:00	0	0	0	0	0	0	4	9	8	3	3	0	1	0	28	46-55	16
02:00	0	0	0	0	0	0	3	3	6	2	3	2	0	0	19	46-55	9
03:00	1	0	0	0	0	1	0	3	4	8	0	0	0	0	17	52-61	10
04:00	1	0	0	0	0	0	3	6	9	3	1	0	0	0	23	47-56	14
05:00	1	0	0	0	0	0	7	33	36	12	4	5	1	0	99	46-55	63
06:00	4	0	0	0	0	0	17	100	88	33	11	1	0	0	254	46-55	169
07:00	1	0	0	0	0	8	58	128	136	38	9	3	0	0	381	46-55	243
08:00	4	0	0	0	0	10	42	140	102	28	3	0	0	0	329	45-54	221
09:00	5	0	0	0	1	2	45	120	91	19	1	1	0	0	285	45-54	193
10:00	5	0	0	0	0	9	27	100	101	28	1	0	0	0	271	46-55	181
11:00	2	0	0	0	1	2	35	92	98	23	4	1	2	0	260	46-55	174
12 PM	2	0	0	0	0	3	28	117	114	28	2	3	0	0	297	46-55	209
13:00	8	0	0	0	2	14	19	111	120	32	2	2	0	0	310	46-55	205
14:00	5	0	0	0	2	11	42	137	131	43	9	1	0	0	381	46-55	243
15:00	5	0	0	0	0	5	83	178	120	38	7	0	0	0	436	44-53	281
16:00	5	0	0	0	0	2	46	191	200	62	12	2	1	0	521	46-55	355
17:00	3	0	0	0	3	22	52	207	176	48	5	1	0	0	517	46-55	347
18:00	1	0	0	0	2	13	70	120	83	19	4	1	0	0	313	44-53	197
19:00	4	0	1	2	0	10	32	110	80	25	2	1	0	0	267	45-54	173
20:00	5	0	0	0	0	3	35	100	59	20	1	0	0	1	224	45-54	147
21:00	0	0	0	0	0	6	25	71	81	35	7	0	0	0	225	47-56	141
22:00	0	0	0	1	1	1	11	49	55	28	3	2	0	0	151	47-56	97
23:00	0	0	0	0	0	0	4	27	37	14	4	1	0	1	88	47-56	60
<b>Total</b>	<b>62</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>122</b>	<b>690</b>	<b>2166</b>	<b>1948</b>	<b>592</b>	<b>101</b>	<b>28</b>	<b>6</b>	<b>2</b>	<b>5733</b>		
<b>Percent</b>	<b>1.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>2.1%</b>	<b>12.0%</b>	<b>37.8%</b>	<b>34.0%</b>	<b>10.3%</b>	<b>1.8%</b>	<b>0.5%</b>	<b>0.1%</b>	<b>0.0%</b>			
AM Peak	09:00				09:00	08:00	07:00	08:00	07:00	07:00	06:00	05:00	11:00		07:00		
Vol.	5				1	10	58	140	136	38	11	5	2		381		
PM Peak	13:00		19:00	19:00	17:00	17:00	15:00	17:00	16:00	16:00	16:00	12:00	16:00	20:00	16:00		
Vol.	8		1	2	3	22	83	207	200	62	12	3	1	1	521		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 speed1  
Count 10  
Jonestown and Route 322

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/14/16	0	0	0	0	0	2	3	16	7	10	1	1	0	1	41	45-54	22
01:00	0	0	0	0	0	0	1	7	6	1	1	0	1	0	17	45-54	12
02:00	1	0	0	0	0	1	2	5	9	2	0	2	1	2	25	46-55	13
03:00	1	0	0	0	0	0	1	3	6	2	0	0	0	0	13	48-57	8
04:00	0	0	0	0	0	0	2	8	8	7	2	2	0	0	29	47-56	16
05:00	1	0	0	0	0	0	10	25	24	17	6	1	0	0	84	47-56	46
06:00	2	0	0	0	0	1	16	69	97	41	7	2	0	0	235	47-56	155
07:00	4	0	0	0	0	2	<b>43</b>	<b>136</b>	<b>136</b>	48	<b>15</b>	2	0	0	<b>386</b>	46-55	248
08:00	2	0	0	0	0	2	30	126	107	<b>53</b>	9	1	0	0	330	46-55	214
09:00	<b>9</b>	<b>1</b>	<b>1</b>	0	0	<b>9</b>	32	88	92	21	3	0	1	0	257	46-55	160
10:00	3	0	0	0	1	9	32	120	91	28	5	1	0	1	291	45-54	192
11:00	5	0	0	<b>1</b>	<b>4</b>	2	29	114	84	22	8	1	0	0	270	45-54	178
12 PM	<b>7</b>	0	0	0	2	<b>10</b>	34	140	120	23	6	<b>1</b>	0	0	343	46-55	232
13:00	4	0	0	0	0	4	26	150	117	34	5	0	<b>1</b>	0	341	46-55	240
14:00	2	0	0	0	2	7	58	140	131	37	<b>9</b>	0	0	<b>1</b>	387	46-55	249
15:00	6	0	0	0	0	4	36	170	186	41	6	1	1	0	451	46-55	319
16:00	7	0	0	0	0	8	<b>80</b>	<b>259</b>	181	45	8	0	0	0	<b>588</b>	45-54	403
17:00	6	0	0	0	2	4	55	223	<b>200</b>	<b>50</b>	8	0	1	0	549	46-55	382
18:00	6	0	0	0	<b>3</b>	4	30	125	143	45	8	0	0	0	364	46-55	242
19:00	6	0	0	0	0	3	16	104	113	32	4	0	0	0	278	46-55	193
20:00	4	0	<b>1</b>	0	0	5	22	114	87	14	3	0	0	0	250	45-54	179
21:00	1	0	0	0	0	1	35	105	83	11	3	0	0	0	239	45-54	172
22:00	0	0	0	0	0	3	25	92	80	33	6	1	0	0	240	46-55	158
23:00	1	0	0	<b>1</b>	0	2	15	32	33	14	5	0	0	0	103	46-55	60
Total	78	1	2	2	14	83	633	2371	2141	631	128	16	6	5	6111		
Percent	1.3%	0.0%	0.0%	0.0%	0.2%	1.4%	10.4%	38.8%	35.0%	10.3%	2.1%	0.3%	0.1%	0.1%			
AM Peak	09:00	09:00	09:00	11:00	11:00	09:00	07:00	07:00	07:00	08:00	07:00	02:00	01:00	02:00	07:00		
Vol.	9	1	1	1	4	9	43	136	136	53	15	2	1	2	386		
PM Peak	12:00		20:00	23:00	18:00	12:00	16:00	16:00	17:00	17:00	14:00	12:00	13:00	14:00	16:00		
Vol.	7		1	1	3	10	80	259	200	50	9	1	1	1	588		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1001 speed1  
Count 10  
Jonestown and Route 322

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	0	0	0	0	0	1	6	21	13	9	2	2	0	0	54	45-54	32
01:00	0	0	0	0	0	0	0	3	7	5	0	1	0	0	16	50-59	11
02:00	1	0	0	1	0	3	2	3	9	2	2	2	2	0	27	48-57	12
03:00	0	0	0	0	0	1	1	4	4	2	2	0	0	1	15	48-57	7
04:00	0	0	0	0	0	0	1	12	12	8	4	1	0	1	39	47-56	23
05:00	0	0	0	0	0	1	5	23	31	16	7	1	0	0	84	48-57	51
06:00	1	0	0	0	0	6	24	77	75	35	10	1	0	0	229	46-55	140
07:00	2	0	0	6	2	4	44	140	111	26	8	1	0	0	344	45-54	229
08:00	2	0	2	3	2	7	48	118	87	19	5	0	0	0	293	45-54	191
09:00	3	0	1	5	1	11	38	111	105	22	4	0	0	0	301	46-55	196
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	9	0	3	15	5	34	169	512	454	144	44	9	2	2	1402		
<b>Percent</b>	0.6%	0.0%	0.2%	1.1%	0.4%	2.4%	12.1%	36.5%	32.4%	10.3%	3.1%	0.6%	0.1%	0.1%			
<b>AM Peak</b>	09:00		08:00	07:00	07:00	09:00	08:00	07:00	07:00	06:00	06:00	00:00	02:00	03:00	07:00		
<b>Vol.</b>	3		2	6	2	11	48	140	111	35	10	2	2	1	344		
<b>PM Peak</b>																	
<b>Vol.</b>	249	2	11	31	56	360	2430	8373	7472	2211	448	76	21	12	21752		
<b>Percent</b>	1.1%	0.0%	0.1%	0.1%	0.3%	1.7%	11.2%	38.5%	34.4%	10.2%	2.1%	0.3%	0.1%	0.1%			

15th Percentile : 44 MPH  
 50th Percentile : 49 MPH  
 85th Percentile : 55 MPH  
 95th Percentile : 58 MPH

Stats  
 10 MPH Pace Speed : 46-55 MPH  
 Number in Pace : 14374  
 Percent in Pace : 66.1%  
 Number of Vehicles > 55 MPH : 2768  
 Percent of Vehicles > 55 MPH : 12.7%  
 Mean Speed(Average) : 49 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 classification1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>2</b>	<b>284</b>	<b>85</b>	<b>2</b>	<b>16</b>	<b>1</b>	0	<b>2</b>	<b>4</b>	0	0	0	0	<b>396</b>
12 PM	0	266	65	<b>6</b>	18	<b>3</b>	0	<b>6</b>	3	0	0	0	0	367
13:00	0	312	59	3	12	0	0	3	2	0	0	0	0	391
14:00	2	333	78	2	15	1	0	4	3	0	0	0	<b>1</b>	439
15:00	2	348	<b>90</b>	3	18	3	0	6	<b>6</b>	<b>1</b>	0	0	0	477
16:00	3	471	77	2	12	0	0	3	2	0	0	0	0	570
17:00	<b>4</b>	<b>481</b>	82	3	<b>22</b>	1	0	2	3	0	0	0	0	<b>598</b>
18:00	2	318	53	0	11	0	0	1	2	0	0	0	0	387
19:00	1	220	35	1	6	0	0	1	2	0	0	0	0	266
20:00	2	185	32	0	6	0	0	1	3	0	0	0	0	229
21:00	3	159	27	0	2	0	0	0	1	0	0	0	0	192
22:00	1	100	18	1	1	0	0	1	3	0	0	0	0	125
23:00	0	51	3	1	2	0	0	0	0	0	0	0	0	57
Day Total	22	3528	704	24	141	9	0	30	34	1	0	0	1	4494
Percent	0.5%	78.5%	15.7%	0.5%	3.1%	0.2%	0.0%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00		11:00	11:00					11:00
Vol.	2	284	85	2	16	1		2	4					396
PM Peak	17:00	17:00	15:00	12:00	17:00	12:00		12:00	15:00	15:00			14:00	17:00
Vol.	4	481	90	6	22	3		6	6	1			1	598

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 classification1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	0	28	5	0	3	1	0	0	1	0	0	0	0	38
01:00	0	9	2	0	0	0	0	1	1	0	0	0	0	13
02:00	0	6	1	0	0	0	0	0	1	0	0	0	0	8
03:00	0	17	1	0	1	0	0	0	1	0	0	0	0	20
04:00	1	25	7	0	4	1	1	2	3	0	0	0	0	44
05:00	3	69	39	1	8	2	0	0	2	0	0	0	0	124
06:00	0	207	65	0	19	1	0	1	1	0	0	0	0	294
07:00	<b>5</b>	354	61	5	20	0	0	<b>12</b>	5	0	0	0	0	462
08:00	2	370	89	2	25	<b>4</b>	0	8	2	0	0	0	0	502
09:00	1	<b>384</b>	<b>95</b>	<b>7</b>	<b>27</b>	3	1	4	<b>8</b>	0	0	0	0	<b>530</b>
10:00	2	306	90	6	23	3	1	2	2	<b>1</b>	0	0	0	436
11:00	1	330	82	5	21	2	<b>3</b>	4	1	0	0	0	0	449
12 PM	0	302	76	5	17	<b>2</b>	0	5	<b>6</b>	0	0	0	0	413
13:00	2	267	65	1	16	2	0	7	1	0	0	0	0	361
14:00	1	299	75	3	15	1	0	3	3	0	0	0	0	400
15:00	3	339	79	<b>7</b>	<b>28</b>	0	0	3	4	0	0	0	0	463
16:00	2	<b>454</b>	<b>83</b>	1	18	1	0	2	4	0	0	0	0	<b>565</b>
17:00	3	450	70	1	14	0	0	<b>8</b>	2	0	0	0	0	548
18:00	2	316	57	0	9	2	0	2	2	0	0	0	0	390
19:00	2	246	58	2	5	0	0	0	2	0	0	0	0	315
20:00	1	195	36	1	5	0	0	1	2	0	0	0	0	241
21:00	<b>4</b>	157	42	1	5	0	<b>1</b>	1	2	0	0	0	0	213
22:00	3	111	15	0	2	1	0	1	0	<b>1</b>	0	0	0	134
23:00	0	45	8	1	3	0	0	0	0	0	0	0	0	57
Day Total	38	5286	1201	49	288	26	7	67	56	2	0	0	0	7020
Percent	0.5%	75.3%	17.1%	0.7%	4.1%	0.4%	0.1%	1.0%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	09:00	09:00	09:00	09:00	08:00	11:00	07:00	09:00	10:00				09:00
Vol.	5	384	95	7	27	4	3	12	8	1				530
PM Peak	21:00	16:00	16:00	15:00	15:00	12:00	21:00	17:00	12:00	22:00				16:00
Vol.	4	454	83	7	28	2	1	8	6	1				565

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 classification1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	1	24	6	0	2	0	0	0	1	0	0	0	0	34
01:00	0	17	0	0	2	0	0	0	0	0	0	0	0	19
02:00	0	5	3	0	2	0	0	0	0	0	0	0	0	10
03:00	0	17	3	0	1	1	0	0	1	0	0	0	0	23
04:00	1	36	7	1	2	0	0	1	1	0	0	0	0	49
05:00	0	81	29	0	10	3	0	0	2	0	0	0	0	125
06:00	0	179	59	2	<b>27</b>	<b>4</b>	0	<b>6</b>	2	0	0	0	0	279
07:00	<b>2</b>	<b>352</b>	54	1	21	1	0	3	4	0	0	0	0	438
08:00	0	309	79	4	26	3	0	5	4	0	0	0	0	430
09:00	0	338	<b>93</b>	<b>9</b>	11	1	0	5	<b>7</b>	0	0	0	0	<b>464</b>
10:00	1	314	82	6	14	2	0	2	2	0	0	0	0	423
11:00	0	320	75	3	11	0	0	2	3	0	0	0	<b>1</b>	415
12 PM	<b>2</b>	285	71	<b>7</b>	15	1	0	<b>8</b>	<b>5</b>	0	0	0	0	394
13:00	0	270	84	0	14	1	0	2	2	0	0	0	0	373
14:00	0	283	77	2	19	1	0	4	5	0	0	0	0	391
15:00	0	354	66	4	<b>22</b>	1	0	4	4	0	0	0	0	455
16:00	1	458	67	0	16	0	0	5	0	0	0	0	0	547
17:00	0	<b>464</b>	<b>92</b>	0	8	<b>2</b>	0	4	3	<b>1</b>	0	0	0	<b>574</b>
18:00	1	329	73	1	8	0	0	0	3	0	0	0	0	415
19:00	0	271	48	0	10	0	0	0	0	0	0	0	0	329
20:00	0	191	32	0	5	0	0	1	3	0	0	0	0	232
21:00	1	151	27	1	3	0	0	0	2	0	0	0	0	185
22:00	1	101	14	1	1	0	0	2	0	0	0	0	0	120
23:00	0	51	3	0	1	0	0	0	0	0	0	0	0	55
Day Total	11	5200	1144	42	251	21	0	54	54	1	0	0	1	6779
Percent	0.2%	76.7%	16.9%	0.6%	3.7%	0.3%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	09:00	09:00	06:00	06:00		06:00	09:00				11:00	09:00
Vol.	2	352	93	9	27	4		6	7				1	464
PM Peak	12:00	17:00	17:00	12:00	15:00	17:00		12:00	12:00	17:00				17:00
Vol.	2	464	92	7	22	2		8	5	1				574



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 classification1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	19	3	0	4	0	0	0	0	0	0	0	0	26
01:00	0	15	5	0	1	0	1	0	2	0	0	0	0	24
02:00	0	14	2	1	0	0	0	0	0	0	0	0	0	17
03:00	0	18	2	0	1	0	0	0	1	0	0	0	0	22
04:00	0	31	13	0	4	0	0	0	0	0	0	0	0	48
05:00	0	91	33	0	16	1	0	1	1	0	0	0	0	143
06:00	0	192	51	0	15	5	0	5	2	0	0	0	0	270
07:00	1	369	64	1	29	1	1	5	9	0	0	0	0	480
08:00	0	312	94	1	21	0	0	6	4	0	0	0	0	438
09:00	1	<b>385</b>	<b>96</b>	3	9	2	0	5	6	0	0	0	0	<b>507</b>
10:00	<b>3</b>	359	76	<b>9</b>	<b>33</b>	2	0	2	3	<b>1</b>	0	0	0	488
11:00	0	311	93	5	14	3	0	4	7	0	0	0	0	437
12 PM	1	335	80	4	17	1	1	3	3	0	0	0	0	445
13:00	1	298	72	1	14	1	1	3	4	0	0	0	0	395
14:00	<b>2</b>	318	97	4	10	1	0	3	5	0	0	0	0	440
15:00	1	356	85	0	19	1	0	3	3	0	0	0	0	468
16:00	0	454	90	2	<b>23</b>	<b>2</b>	0	3	4	0	0	0	0	578
17:00	0	<b>497</b>	<b>103</b>	<b>5</b>	13	2	0	2	3	0	0	0	0	<b>625</b>
18:00	2	322	72	0	11	1	0	<b>5</b>	<b>6</b>	0	0	0	0	419
19:00	0	267	57	0	10	0	0	3	3	0	0	0	0	340
20:00	0	226	28	0	8	0	1	0	0	0	0	0	0	263
21:00	1	155	35	1	6	1	0	2	1	0	0	0	0	202
22:00	0	119	25	0	7	0	<b>2</b>	0	2	0	0	0	0	155
23:00	0	69	8	0	2	1	0	0	1	0	0	0	0	81
Day Total	13	5532	1284	37	287	25	7	55	70	1	0	0	0	7311
Percent	0.2%	75.7%	17.6%	0.5%	3.9%	0.3%	0.1%	0.8%	1.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	09:00	09:00	10:00	10:00	06:00	01:00	08:00	07:00	10:00				09:00
Vol.	3	385	96	9	33	5	1	6	9	1				507
PM Peak	14:00	17:00	17:00	17:00	16:00	16:00	22:00	18:00	18:00					17:00
Vol.	2	497	103	5	23	2	2	5	6					625

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 classification1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	27	3	0	1	0	0	1	1	0	1	0	0	34
01:00	0	12	0	0	1	0	0	0	3	0	0	0	0	16
02:00	0	7	5	1	1	0	0	0	0	0	0	0	0	14
03:00	0	18	2	0	3	0	0	0	1	0	0	0	0	24
04:00	0	29	9	0	2	1	0	0	1	0	0	0	0	42
05:00	<b>3</b>	84	32	0	17	1	0	0	2	0	0	0	0	139
06:00	1	181	53	0	17	3	0	<b>6</b>	0	0	0	0	0	261
07:00	2	338	75	3	<b>23</b>	<b>5</b>	0	4	<b>7</b>	0	0	0	0	457
08:00	0	308	72	2	14	0	0	3	2	0	0	0	0	401
09:00	3	<b>398</b>	<b>95</b>	<b>5</b>	15	3	0	3	4	0	0	0	0	<b>526</b>
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	9	1402	346	11	94	13	0	17	21	0	1	0	0	1914
Percent	0.5%	73.2%	18.1%	0.6%	4.9%	0.7%	0.0%	0.9%	1.1%	0.0%	0.1%	0.0%	0.0%	
AM Peak Vol.	05:00	09:00	09:00	09:00	07:00	07:00		06:00	07:00		00:00			09:00
	3	398	95	5	23	5		6	7		1			526
PM Peak Vol.														
Grand Total	93	20948	4679	163	1061	94	14	223	235	5	1	0	2	27518
Percent	0.3%	76.1%	17.0%	0.6%	3.9%	0.3%	0.1%	0.8%	0.9%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 classification  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>4</b>	<b>271</b>	<b>42</b>	<b>3</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>343</b>
12 PM	4	242	48	2	13	0	0	7	7	0	0	0	0	323
13:00	3	285	43	2	17	2	0	2	4	0	0	0	0	358
14:00	1	300	54	4	14	1	0	4	3	<b>1</b>	0	0	0	382
15:00	3	381	69	1	<b>24</b>	<b>3</b>	0	<b>8</b>	2	0	0	0	0	491
16:00	<b>6</b>	439	<b>79</b>	3	19	2	0	6	5	0	0	0	0	<b>559</b>
17:00	3	<b>452</b>	40	2	12	0	0	4	4	0	0	0	0	517
18:00	3	318	33	<b>6</b>	11	0	0	2	3	0	0	0	0	376
19:00	3	260	31	0	7	2	0	0	1	0	0	0	0	304
20:00	4	245	21	0	3	1	0	2	2	0	0	0	0	278
21:00	1	183	25	1	4	1	0	1	2	0	0	0	0	218
22:00	1	219	16	3	1	0	0	0	0	0	0	0	0	240
23:00	0	97	8	1	1	0	0	0	0	0	0	0	0	107
Day Total	36	3692	509	28	140	13	0	41	36	1	0	0	0	4496
Percent	0.8%	82.1%	11.3%	0.6%	3.1%	0.3%	0.0%	0.9%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00		11:00	11:00					11:00
Vol.	4	271	42	3	14	1		5	3					343
PM Peak	16:00	17:00	16:00	18:00	15:00	15:00		15:00	12:00	14:00				16:00
Vol.	6	452	79	6	24	3		8	7	1				559

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 classification  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	1	42	2	1	1	1	0	0	0	0	0	0	0	48
01:00	0	21	1	0	0	0	0	0	0	0	0	0	0	22
02:00	0	7	1	1	1	0	1	0	3	0	0	0	0	14
03:00	0	9	2	0	0	0	1	0	0	0	0	0	0	12
04:00	1	19	4	0	2	1	0	0	1	0	0	0	0	28
05:00	2	57	8	0	5	3	0	2	4	0	0	0	0	81
06:00	4	164	30	0	13	3	1	2	3	0	0	0	0	220
07:00	3	<b>310</b>	35	0	9	1	0	3	1	0	0	0	0	<b>362</b>
08:00	2	248	36	4	15	0	0	4	8	0	0	0	0	317
09:00	2	264	38	1	12	2	0	4	3	0	0	0	0	326
10:00	3	218	39	3	18	2	0	0	6	0	0	0	0	289
11:00	1	229	<b>54</b>	<b>5</b>	7	2	0	2	2	0	0	0	0	302
12 PM	1	264	50	2	14	2	0	4	1	0	0	0	0	338
13:00	3	280	46	<b>5</b>	<b>19</b>	0	0	6	<b>5</b>	0	0	0	0	364
14:00	1	306	60	2	18	1	0	5	4	0	0	0	0	397
15:00	4	383	<b>69</b>	4	15	<b>3</b>	<b>1</b>	1	2	0	0	0	0	482
16:00	3	476	57	1	16	2	0	<b>8</b>	2	0	0	0	0	565
17:00	<b>7</b>	<b>491</b>	63	2	9	1	0	4	1	0	0	0	0	<b>578</b>
18:00	3	302	35	1	9	0	0	0	0	0	0	0	0	350
19:00	2	255	29	5	3	0	0	0	1	0	0	0	0	295
20:00	3	230	24	2	3	0	0	0	2	0	0	0	0	264
21:00	2	250	20	1	4	1	0	0	1	0	0	0	0	279
22:00	2	226	20	1	4	1	0	0	3	0	0	0	0	257
23:00	0	93	10	0	2	0	0	0	2	0	0	0	0	107
Day Total	50	5144	733	41	199	26	4	45	55	0	0	0	0	6297
Percent	0.8%	81.7%	11.6%	0.7%	3.2%	0.4%	0.1%	0.7%	0.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	11:00	11:00	10:00	05:00	02:00	08:00	08:00					07:00
Vol.	4	310	54	5	18	3	1	4	8					362
PM Peak	17:00	17:00	15:00	13:00	13:00	15:00	15:00	16:00	13:00					17:00
Vol.	7	491	69	5	19	3	1	8	5					578

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 classification  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	37	2	1	2	0	0	1	0	0	0	0	0	43
01:00	0	34	0	0	1	0	1	0	2	0	0	0	0	38
02:00	0	14	0	0	0	2	1	0	1	0	0	0	0	18
03:00	0	12	2	0	1	0	0	0	1	0	0	0	0	16
04:00	0	11	5	0	2	0	0	2	2	0	0	0	0	22
05:00	0	67	12	1	4	1	0	0	1	0	0	0	0	86
06:00	1	167	26	2	8	1	0	4	5	0	0	0	0	214
07:00	1	<b>305</b>	41	3	7	1	0	<b>5</b>	2	0	0	0	0	<b>365</b>
08:00	1	277	40	1	7	3	0	4	<b>8</b>	0	0	0	0	341
09:00	1	223	43	<b>4</b>	11	<b>4</b>	0	4	2	<b>1</b>	0	0	0	293
10:00	1	216	<b>56</b>	1	<b>15</b>	0	0	2	7	0	0	0	0	298
11:00	1	227	41	1	11	0	0	3	3	0	0	0	0	287
12 PM	0	288	59	4	9	<b>3</b>	0	2	3	0	0	0	0	368
13:00	2	295	45	<b>5</b>	16	1	0	6	1	<b>1</b>	0	0	0	372
14:00	<b>4</b>	342	46	2	<b>19</b>	0	0	<b>8</b>	4	0	0	0	0	425
15:00	0	387	<b>68</b>	3	15	2	0	3	<b>7</b>	0	0	0	0	485
16:00	2	<b>469</b>	61	1	12	1	0	4	5	0	0	0	0	<b>555</b>
17:00	0	463	54	4	8	1	0	0	3	0	0	0	0	533
18:00	0	319	42	1	8	1	0	1	2	0	0	0	0	374
19:00	0	271	34	0	3	0	0	2	1	0	0	0	0	311
20:00	0	230	23	1	3	0	0	2	2	0	0	0	0	261
21:00	1	224	25	0	4	0	0	0	3	0	0	0	0	257
22:00	0	184	14	1	1	0	0	0	1	0	0	0	0	201
23:00	0	101	7	1	1	0	0	0	0	0	0	0	0	110
Day Total	15	5163	746	37	168	21	2	53	66	2	0	0	0	6273
Percent	0.2%	82.3%	11.9%	0.6%	2.7%	0.3%	0.0%	0.8%	1.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	10:00	09:00	10:00	09:00	01:00	07:00	08:00	09:00				07:00
Vol.	1	305	56	4	15	4	1	5	8	1				365
PM Peak	14:00	16:00	15:00	13:00	14:00	12:00		14:00	15:00	13:00				16:00
Vol.	4	469	68	5	19	3		8	7	1				555

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 classification  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	29	7	0	1	0	0	0	0	0	0	0	0	37
01:00	0	18	2	1	0	0	0	0	0	0	0	0	0	21
02:00	0	10	1	1	1	1	<b>1</b>	0	2	0	0	0	0	17
03:00	0	6	2	0	1	0	1	0	2	0	0	0	0	12
04:00	0	19	3	0	2	1	0	0	2	0	0	0	0	27
05:00	1	52	11	0	5	0	0	1	1	0	0	0	0	71
06:00	2	159	29	<b>3</b>	9	1	0	2	2	0	0	0	0	207
07:00	3	<b>315</b>	42	2	11	<b>3</b>	0	0	4	0	0	0	0	<b>380</b>
08:00	<b>4</b>	280	44	3	12	2	0	5	5	0	0	0	0	355
09:00	1	230	37	1	8	3	0	3	1	0	0	0	0	284
10:00	1	242	41	0	13	3	1	<b>9</b>	3	0	0	0	0	313
11:00	2	261	<b>49</b>	3	<b>19</b>	2	0	3	<b>6</b>	0	0	0	0	345
12 PM	2	317	51	<b>7</b>	10	<b>3</b>	<b>1</b>	1	2	0	0	0	0	394
13:00	2	313	55	1	17	0	1	7	<b>9</b>	0	0	0	0	405
14:00	1	317	55	4	<b>19</b>	2	0	<b>10</b>	4	0	0	0	0	412
15:00	4	426	<b>67</b>	5	12	3	0	7	3	0	0	0	0	527
16:00	4	<b>511</b>	67	1	17	0	0	5	4	0	0	0	0	<b>609</b>
17:00	1	492	54	2	15	3	0	0	1	0	0	0	0	568
18:00	2	346	30	2	13	1	0	3	1	0	0	0	0	398
19:00	<b>5</b>	312	35	0	9	0	0	0	1	0	0	0	0	362
20:00	2	263	28	2	5	0	0	1	3	0	0	0	0	304
21:00	0	251	33	0	1	2	0	0	0	0	0	0	0	287
22:00	1	254	29	0	2	1	0	1	1	0	0	0	0	289
23:00	0	106	9	0	0	0	0	0	1	0	0	0	0	116
Day Total	38	5529	781	38	202	31	5	58	58	0	0	0	0	6740
Percent	0.6%	82.0%	11.6%	0.6%	3.0%	0.5%	0.1%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	11:00	06:00	11:00	07:00	02:00	10:00	11:00					07:00
Vol.	4	315	49	3	19	3	1	9	6					380
PM Peak	19:00	16:00	15:00	12:00	14:00	12:00	12:00	14:00	13:00					16:00
Vol.	5	511	67	7	19	3	1	10	9					609

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 classification  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	1	36	4	0	1	0	0	0	2	0	0	0	0	44
01:00	0	15	0	0	1	0	0	0	0	0	0	0	0	16
02:00	0	12	1	1	0	1	2	0	0	0	0	0	0	17
03:00	2	7	2	0	1	0	0	0	1	0	0	0	0	13
04:00	0	17	8	0	1	0	0	0	2	0	0	0	0	28
05:00	1	50	8	0	0	1	0	1	1	0	0	0	0	62
06:00	2	141	34	1	10	2	2	1	5	0	0	0	0	198
07:00	1	271	41	0	8	1	0	3	2	0	0	0	0	327
08:00	1	265	37	3	13	0	0	5	7	0	0	0	0	331
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	8	814	135	5	35	5	4	10	20	0	0	0	0	1036
Percent	0.8%	78.6%	13.0%	0.5%	3.4%	0.5%	0.4%	1.0%	1.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	03:00	07:00	07:00	08:00	08:00	06:00	02:00	08:00	08:00					08:00
Vol.	2	271	41	3	13	2	2	5	7					331
PM Peak														
Vol.														
Grand Total	147	20342	2904	149	744	96	15	207	235	3	0	0	0	24842
Percent	0.6%	81.9%	11.7%	0.6%	3.0%	0.4%	0.1%	0.8%	0.9%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 speed1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>2</b>	0	<b>2</b>	<b>11</b>	<b>7</b>	<b>16</b>	<b>104</b>	<b>174</b>	<b>72</b>	<b>6</b>	<b>2</b>	0	0	0	0	<b>396</b>	43-52	264
12 PM	5	4	4	6	5	14	89	163	67	7	<b>2</b>	1	0	0	0	367	43-52	239
13:00	5	4	3	5	0	15	82	192	73	11	0	1	0	0	0	391	43-52	266
14:00	8	<b>8</b>	8	<b>14</b>	11	22	103	179	77	9	0	0	0	0	0	439	43-52	265
15:00	<b>12</b>	4	7	8	<b>12</b>	7	105	188	<b>113</b>	<b>21</b>	0	0	0	0	0	477	44-53	291
16:00	2	1	1	8	5	<b>23</b>	126	280	111	10	1	<b>2</b>	0	0	0	570	43-52	399
17:00	11	5	<b>10</b>	10	9	19	<b>169</b>	<b>287</b>	67	9	1	<b>1</b>	0	0	0	<b>598</b>	42-51	413
18:00	1	0	1	4	7	11	80	186	80	15	2	0	0	0	0	387	44-53	265
19:00	3	1	2	4	0	13	58	104	66	14	1	0	0	0	0	266	44-53	165
20:00	4	0	0	1	2	1	60	121	36	4	0	0	0	0	0	229	43-52	169
21:00	2	0	0	0	1	8	48	94	36	3	0	0	0	0	0	192	43-52	136
22:00	1	0	0	0	0	5	24	66	21	7	1	0	0	0	0	125	43-52	88
23:00	0	0	0	0	0	1	13	27	12	3	0	0	<b>1</b>	0	0	57	43-52	40
Total	56	27	38	71	59	155	1061	2061	831	119	10	5	1	0	0	4494		
Percent	1.2%	0.6%	0.8%	1.6%	1.3%	3.4%	23.6%	45.9%	18.5%	2.6%	0.2%	0.1%	0.0%	0.0%				
AM Peak	11:00		11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00				11:00		
Vol.	2		2	11	7	16	104	174	72	6	2					396		
PM Peak	15:00	14:00	17:00	14:00	15:00	16:00	17:00	17:00	15:00	15:00	12:00	16:00	23:00			17:00		
Vol.	12	8	10	14	12	23	169	287	113	21	2	2	1			598		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 speed1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	0	0	0	0	0	1	10	14	10	2	1	0	0	0	38	44-53	24
01:00	0	0	0	0	0	2	3	6	2	0	0	0	0	0	13	42-51	9
02:00	0	0	0	0	0	0	0	5	1	1	0	1	0	0	8	44-53	6
03:00	0	0	0	0	0	1	4	11	2	1	1	0	0	0	20	43-52	14
04:00	0	0	0	0	0	0	11	14	15	4	0	0	0	0	44	45-54	28
05:00	0	0	0	0	2	3	16	72	25	6	0	0	0	0	124	44-53	93
06:00	3	0	2	0	2	4	32	150	80	17	3	0	0	1	294	45-54	211
07:00	6	4	19	8	9	10	104	210	79	12	1	0	0	0	462	43-52	300
08:00	5	0	3	12	12	23	143	215	79	9	1	0	0	0	502	42-51	332
09:00	5	1	4	6	9	22	179	229	65	10	0	0	0	0	530	42-51	369
10:00	4	0	6	3	6	15	111	202	76	11	1	1	0	0	436	43-52	297
11:00	5	3	5	6	5	22	121	208	69	5	0	0	0	0	449	42-51	305
12 PM	9	2	3	4	8	18	109	189	62	9	0	0	0	0	413	42-51	274
13:00	5	2	8	2	6	9	81	178	67	3	0	0	0	0	361	43-52	250
14:00	4	4	11	7	5	9	91	197	59	13	0	0	0	0	400	43-52	272
15:00	3	0	0	3	8	41	111	215	73	9	0	0	0	0	463	43-52	309
16:00	9	5	4	15	11	23	157	269	64	6	2	0	0	0	565	42-51	387
17:00	5	1	3	5	11	38	152	264	65	3	1	0	0	0	548	42-51	383
18:00	3	2	4	2	4	15	90	185	73	12	0	0	0	0	390	43-52	266
19:00	0	1	0	7	6	13	67	147	66	7	0	1	0	0	315	44-53	213
20:00	3	0	0	1	0	9	66	121	41	0	0	0	0	0	241	43-52	175
21:00	0	0	0	0	1	10	74	90	37	1	0	0	0	0	213	42-51	152
22:00	2	0	0	0	3	6	31	63	23	5	1	0	0	0	134	43-52	90
23:00	0	0	0	0	0	2	17	23	10	2	1	1	1	0	57	42-51	38
<b>Total</b>	<b>71</b>	<b>25</b>	<b>72</b>	<b>81</b>	<b>108</b>	<b>296</b>	<b>1780</b>	<b>3277</b>	<b>1143</b>	<b>148</b>	<b>13</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>7020</b>		
<b>Percent</b>	<b>1.0%</b>	<b>0.4%</b>	<b>1.0%</b>	<b>1.2%</b>	<b>1.5%</b>	<b>4.2%</b>	<b>25.4%</b>	<b>46.7%</b>	<b>16.3%</b>	<b>2.1%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>09:00</b>	<b>09:00</b>	<b>06:00</b>	<b>06:00</b>	<b>06:00</b>	<b>06:00</b>	<b>02:00</b>	<b>06:00</b>	<b>09:00</b>		
<b>Vol.</b>	<b>6</b>	<b>4</b>	<b>19</b>	<b>12</b>	<b>12</b>	<b>23</b>	<b>179</b>	<b>229</b>	<b>80</b>	<b>17</b>	<b>3</b>	<b>1</b>		<b>1</b>	<b>530</b>		
<b>PM Peak</b>	<b>12:00</b>	<b>16:00</b>	<b>14:00</b>	<b>16:00</b>	<b>16:00</b>	<b>15:00</b>	<b>16:00</b>	<b>16:00</b>	<b>15:00</b>	<b>14:00</b>	<b>16:00</b>	<b>19:00</b>	<b>23:00</b>		<b>16:00</b>		
<b>Vol.</b>	<b>9</b>	<b>5</b>	<b>11</b>	<b>15</b>	<b>11</b>	<b>41</b>	<b>157</b>	<b>269</b>	<b>73</b>	<b>13</b>	<b>2</b>	<b>1</b>	<b>1</b>		<b>565</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 speed1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	0	0	2	14	11	5	0	1	1	0	0	34	41-50	23
01:00	0	0	0	0	0	1	6	9	3	0	0	0	0	0	19	41-50	14
02:00	0	0	0	0	0	0	2	5	2	1	0	0	0	0	10	42-51	7
03:00	0	0	0	0	0	2	5	8	6	0	2	0	0	0	23	44-53	14
04:00	0	0	0	1	0	0	8	21	18	1	0	0	0	0	49	45-54	36
05:00	1	0	0	0	0	1	18	51	42	12	0	0	0	0	125	45-54	85
06:00	5	0	1	2	0	5	51	130	67	17	1	0	0	0	279	44-53	188
07:00	1	1	7	9	17	11	64	218	98	12	0	0	0	0	438	44-53	302
08:00	4	5	7	10	11	27	99	194	68	4	1	0	0	0	430	43-52	277
09:00	2	1	0	5	1	29	132	222	65	7	0	0	0	0	464	42-51	329
10:00	4	5	10	5	2	15	133	179	65	4	0	1	0	0	423	42-51	285
11:00	3	0	3	2	5	11	105	205	70	10	1	0	0	0	415	43-52	294
12 PM	4	1	5	3	7	24	99	181	66	3	1	0	0	0	394	43-52	264
13:00	3	2	1	1	2	5	117	167	67	8	0	0	0	0	373	42-51	263
14:00	7	2	9	8	9	20	76	167	82	11	0	0	0	0	391	44-53	243
15:00	5	3	4	7	3	15	122	204	77	15	0	0	0	0	455	43-52	304
16:00	2	1	3	2	4	13	113	287	106	16	0	0	0	0	547	43-52	396
17:00	3	1	6	9	7	24	205	236	78	3	2	0	0	0	574	42-51	400
18:00	0	0	3	6	10	61	152	151	30	2	0	0	0	0	415	41-50	278
19:00	2	2	3	5	2	8	54	173	72	8	0	0	0	0	329	44-53	236
20:00	1	0	0	0	1	6	50	122	45	5	1	1	0	0	232	43-52	169
21:00	1	0	0	0	0	9	66	79	26	3	1	0	0	0	185	42-51	132
22:00	3	0	0	0	2	6	30	54	19	4	1	1	0	0	120	43-52	78
23:00	0	0	0	0	0	2	14	24	13	1	1	0	0	0	55	43-52	38
<b>Total</b>	<b>51</b>	<b>24</b>	<b>62</b>	<b>75</b>	<b>83</b>	<b>297</b>	<b>1735</b>	<b>3098</b>	<b>1190</b>	<b>147</b>	<b>13</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6779</b>		
<b>Percent</b>	<b>0.8%</b>	<b>0.4%</b>	<b>0.9%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>4.4%</b>	<b>25.6%</b>	<b>45.7%</b>	<b>17.6%</b>	<b>2.2%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>06:00</b>	<b>08:00</b>	<b>10:00</b>	<b>08:00</b>	<b>07:00</b>	<b>09:00</b>	<b>10:00</b>	<b>09:00</b>	<b>07:00</b>	<b>06:00</b>	<b>09:00</b>	<b>03:00</b>	<b>00:00</b>		<b>09:00</b>		
<b>Vol.</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>17</b>	<b>29</b>	<b>133</b>	<b>222</b>	<b>98</b>	<b>17</b>	<b>2</b>	<b>1</b>		<b>464</b>			
<b>PM Peak</b>	<b>14:00</b>	<b>15:00</b>	<b>14:00</b>	<b>17:00</b>	<b>18:00</b>	<b>18:00</b>	<b>17:00</b>	<b>16:00</b>	<b>16:00</b>	<b>16:00</b>	<b>17:00</b>	<b>20:00</b>		<b>17:00</b>			
<b>Vol.</b>	<b>7</b>	<b>3</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>61</b>	<b>205</b>	<b>287</b>	<b>106</b>	<b>16</b>	<b>2</b>	<b>1</b>		<b>574</b>			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 speed1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
07/14/16	1	0	0	0	0	1	3	14	4	3	0	0	0	0	0	26	44-53	17
01:00	0	0	0	2	2	2	3	7	8	0	0	0	0	0	0	24	45-54	14
02:00	0	0	0	0	0	1	3	4	2	5	2	0	0	0	0	17	41-50	7
03:00	1	0	0	0	0	1	3	9	5	2	1	0	0	0	0	22	44-53	13
04:00	0	0	0	0	0	1	8	17	17	3	1	1	0	0	0	48	46-55	31
05:00	1	0	0	0	0	2	31	55	40	13	1	0	0	0	0	143	44-53	91
06:00	1	0	0	0	3	3	47	118	78	18	2	0	0	0	0	270	45-54	184
07:00	6	2	3	4	9	14	98	255	79	10	0	0	0	0	0	480	43-52	341
08:00	4	7	10	8	6	22	114	191	68	6	2	0	0	0	0	438	42-51	283
09:00	2	1	4	6	13	29	136	233	78	5	0	0	0	0	0	507	42-51	345
10:00	10	3	3	4	3	21	142	234	62	5	1	0	0	0	0	488	42-51	342
11:00	2	2	4	2	3	28	119	196	73	7	1	0	0	0	0	437	42-51	295
12 PM	20	9	5	12	7	24	106	196	61	4	1	0	0	0	0	445	42-51	272
13:00	5	1	6	8	8	22	105	160	74	5	1	0	0	0	0	395	43-52	250
14:00	2	3	4	3	4	14	85	224	78	21	2	0	0	0	0	440	43-52	304
15:00	3	0	4	4	10	12	101	226	95	10	3	0	0	0	0	468	43-52	323
16:00	6	3	4	3	7	15	175	248	106	10	1	0	0	0	0	578	42-51	393
17:00	16	6	12	18	17	21	132	304	93	5	1	0	0	0	0	625	43-52	410
18:00	2	1	0	3	8	19	83	191	104	8	0	0	0	0	0	419	44-53	285
19:00	2	0	1	8	3	10	82	157	68	6	3	0	0	0	0	340	43-52	232
20:00	3	0	0	0	1	6	78	108	56	7	3	1	0	0	0	263	43-52	176
21:00	3	0	0	0	0	9	61	95	33	1	0	0	0	0	0	202	42-51	144
22:00	2	0	0	0	0	7	46	62	34	3	1	0	0	0	0	155	43-52	102
23:00	1	0	0	0	0	3	18	41	15	3	0	0	0	0	0	81	43-52	57
Total	93	38	60	85	104	287	1779	3345	1331	160	27	2	0	0	0	7311		
Percent	1.3%	0.5%	0.8%	1.2%	1.4%	3.9%	24.3%	45.8%	18.2%	2.2%	0.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	08:00	08:00	08:00	09:00	09:00	10:00	07:00	07:00	06:00	09:00	02:00	04:00			09:00		
Vol.	10	7	10	8	13	29	142	255	79	18	2	1				507		
PM Peak	12:00	12:00	17:00	17:00	17:00	12:00	16:00	17:00	16:00	14:00	15:00	20:00				17:00		
Vol.	20	9	12	18	17	24	175	304	106	21	3	1				625		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1100 speed1  
Count 11  
Route 322 and Manor (SE)

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	1	0	0	0	0	2	9	10	9	3	0	0	0	0	34	43-52	19
01:00	0	0	0	0	0	1	4	10	0	1	0	0	0	0	16	42-51	13
02:00	0	0	0	0	0	1	3	7	2	1	0	0	0	0	14	42-51	10
03:00	2	0	0	0	0	0	7	4	7	3	1	0	0	0	24	47-56	10
04:00	0	0	0	0	1	0	10	16	10	3	2	0	0	0	42	43-52	26
05:00	0	0	0	0	0	2	21	66	40	10	0	0	0	0	139	45-54	99
06:00	2	0	1	0	1	6	25	107	94	19	5	1	0	0	261	46-55	181
07:00	1	3	5	7	4	24	114	201	88	7	3	0	0	0	457	43-52	303
08:00	4	6	9	12	5	6	72	185	88	14	0	0	0	0	401	44-53	263
09:00	7	0	1	5	7	27	132	265	80	2	0	0	0	0	526	43-52	372
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	17	9	16	24	18	69	397	871	418	63	11	1	0	0	1914		
<b>Percent</b>	0.9%	0.5%	0.8%	1.3%	0.9%	3.6%	20.7%	45.5%	21.8%	3.3%	0.6%	0.1%	0.0%	0.0%			
<b>AM Peak</b>	09:00	08:00	08:00	08:00	09:00	09:00	09:00	09:00	06:00	06:00	06:00	06:00			09:00		
<b>Vol.</b>	7	6	9	12	7	27	132	265	94	19	5	1			526		
<b>PM Peak</b>																	
<b>Vol.</b>	288	123	248	336	372	1104	6752	12652	4913	637	74	16	2	1	27518		
<b>Percent</b>	1.0%	0.4%	0.9%	1.2%	1.4%	4.0%	24.5%	46.0%	17.9%	2.3%	0.3%	0.1%	0.0%	0.0%			

15th Percentile : 40 MPH  
50th Percentile : 46 MPH  
85th Percentile : 51 MPH  
95th Percentile : 54 MPH

Stats

10 MPH Pace Speed : 43-52 MPH  
Number in Pace : 18473  
Percent in Pace : 67.1%  
Number of Vehicles > 55 MPH : 730  
Percent of Vehicles > 55 MPH : 2.7%  
Mean Speed(Average) : 46 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 speed1  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>6</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>15</b>	<b>65</b>	<b>180</b>	<b>58</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>343</b>	38-47	237
12 PM	1	5	2	1	4	39	159	98	11	3	0	0	0	0	323	40-49	235
13:00	2	3	2	5	19	46	185	87	7	2	0	0	0	0	358	39-48	253
14:00	<b>5</b>	1	3	0	7	59	193	101	<b>12</b>	0	<b>1</b>	0	0	0	382	39-48	274
15:00	4	<b>8</b>	3	<b>6</b>	<b>20</b>	<b>108</b>	249	86	7	0	0	0	0	0	491	38-47	343
16:00	1	4	2	5	16	<b>166</b>	<b>276</b>	84	4	1	0	0	0	0	<b>559</b>	37-46	410
17:00	2	2	<b>8</b>	3	11	123	269	95	4	0	0	0	0	0	517	38-47	379
18:00	2	0	2	3	6	68	179	<b>107</b>	9	0	0	0	0	0	376	39-48	269
19:00	0	3	5	0	6	47	153	79	9	2	0	0	0	0	304	39-48	218
20:00	2	2	3	0	0	62	141	60	7	0	1	0	0	0	278	38-47	200
21:00	0	2	2	0	2	56	103	45	7	1	0	0	0	0	218	38-47	154
22:00	0	0	0	0	2	52	120	53	12	1	0	0	0	0	240	39-48	173
23:00	1	0	0	0	2	12	49	37	5	1	0	0	0	0	107	40-49	78
Total	26	34	36	26	110	903	2256	990	101	12	2	0	0	0	4496		
Percent	0.6%	0.8%	0.8%	0.6%	2.4%	20.1%	50.2%	22.0%	2.2%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00		
Vol.	6	4	4	3	15	65	180	58	7	1					343		
PM Peak	14:00	15:00	17:00	15:00	15:00	16:00	16:00	18:00	14:00	12:00	14:00	14:00	14:00	14:00	16:00		
Vol.	5	8	8	6	20	166	276	107	12	3	1			559			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 speed1  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	2	0	0	0	0	9	19	16	2	0	0	0	0	0	48	40-49	32
01:00	0	0	0	0	0	3	11	6	1	0	0	1	0	0	22	39-48	16
02:00	0	0	0	0	0	2	4	5	2	1	0	0	0	0	14	43-52	8
03:00	1	0	0	0	0	1	7	2	0	1	0	0	0	0	12	39-48	8
04:00	2	0	0	0	0	7	7	5	4	3	0	0	0	0	28	37-46	13
05:00	0	0	0	0	1	5	27	32	14	2	0	0	0	0	81	42-51	55
06:00	1	0	0	1	1	12	90	88	27	0	0	0	0	0	220	41-50	161
07:00	3	2	1	1	2	21	182	130	19	1	0	0	0	0	362	40-49	277
08:00	1	3	4	0	1	30	189	83	5	1	0	0	0	0	317	40-49	250
09:00	8	2	5	2	3	43	177	79	6	1	0	0	0	0	326	39-48	236
10:00	2	6	5	5	9	52	146	57	6	1	0	0	0	0	289	39-48	198
11:00	3	1	5	3	1	28	161	85	14	1	0	0	0	0	302	40-49	224
12 PM	1	4	2	2	13	67	153	86	8	2	0	0	0	0	338	39-48	229
13:00	1	0	4	0	6	68	179	98	8	0	0	0	0	0	364	39-48	264
14:00	2	2	4	3	3	75	209	94	5	0	0	0	0	0	397	39-48	293
15:00	1	7	6	3	11	90	247	102	12	2	1	0	0	0	482	39-48	341
16:00	1	4	7	0	3	128	310	100	12	0	0	0	0	0	565	38-47	425
17:00	1	6	2	1	13	160	304	86	5	0	0	0	0	0	578	37-46	432
18:00	3	4	1	4	5	63	174	85	11	0	0	0	0	0	350	39-48	247
19:00	0	3	4	1	8	44	144	78	12	1	0	0	0	0	295	40-49	208
20:00	1	4	2	0	5	47	116	75	13	1	0	0	0	0	264	40-49	178
21:00	1	4	0	0	13	60	151	45	5	0	0	0	0	0	279	38-47	203
22:00	2	0	0	1	11	83	113	42	5	0	0	0	0	0	257	37-46	181
23:00	0	0	0	0	5	16	52	29	4	1	0	0	0	0	107	39-48	76
Total	37	52	52	27	114	1114	3172	1508	200	19	1	1	0	0	6297		
Percent	0.6%	0.8%	0.8%	0.4%	1.8%	17.7%	50.4%	23.9%	3.2%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	10:00	09:00	10:00	10:00	10:00	08:00	07:00	06:00	04:00		01:00			07:00		
Vol.	8	6	5	5	9	52	189	130	27	3		1			362		
PM Peak	18:00	15:00	16:00	18:00	12:00	17:00	16:00	15:00	20:00	12:00	15:00				17:00		
Vol.	3	7	7	4	13	160	310	102	13	2	1				578		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 speed1  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	0	0	5	14	17	6	1	0	0	0	0	0	43	41-50	29
01:00	1	0	0	0	0	7	20	7	2	1	0	0	0	0	0	38	39-48	26
02:00	0	0	0	0	0	4	2	6	4	2	0	0	0	0	0	18	46-55	9
03:00	1	0	0	0	0	0	7	6	2	0	0	0	0	0	0	16	42-51	11
04:00	0	0	0	0	0	6	7	6	3	0	0	0	0	0	0	22	37-46	13
05:00	1	0	0	0	1	4	31	40	8	1	0	0	0	0	0	86	42-51	63
06:00	1	0	0	0	1	5	90	91	24	2	0	0	0	0	0	214	41-50	162
07:00	0	3	6	0	12	31	193	112	6	2	0	0	0	0	0	365	40-49	277
08:00	6	1	3	3	7	58	167	80	13	3	0	0	0	0	0	341	39-48	235
09:00	2	2	4	4	5	53	152	66	5	0	0	0	0	0	0	293	39-48	211
10:00	2	1	2	2	4	39	166	74	8	0	0	0	0	0	0	298	39-48	224
11:00	2	1	2	2	5	34	148	85	8	0	0	0	0	0	0	287	40-49	214
12 PM	1	2	2	4	12	62	192	84	8	1	0	0	0	0	0	368	39-48	266
13:00	2	1	5	3	6	62	173	107	11	1	1	0	0	0	0	372	40-49	261
14:00	6	0	6	4	4	53	219	119	11	0	2	0	1	0	0	425	40-49	311
15:00	3	3	4	0	4	95	255	105	14	2	0	0	0	0	0	485	39-48	353
16:00	1	3	4	8	11	105	280	128	15	0	0	0	0	0	0	555	39-48	397
17:00	6	5	5	1	22	111	273	101	9	0	0	0	0	0	0	533	38-47	375
18:00	1	4	3	2	13	127	184	37	3	0	0	0	0	0	0	374	37-46	280
19:00	1	3	6	5	7	57	157	70	5	0	0	0	0	0	0	311	39-48	220
20:00	0	1	4	1	4	49	137	61	4	0	0	0	0	0	0	261	39-48	193
21:00	0	2	0	0	4	68	133	45	5	0	0	0	0	0	0	257	38-47	191
22:00	0	0	0	0	2	43	112	39	4	1	0	0	0	0	0	201	38-47	153
23:00	1	0	0	0	0	9	43	45	11	0	0	1	0	0	0	110	41-50	79
<b>Total</b>	38	32	56	39	124	1087	3155	1531	189	17	3	1	1	0	0	6273		
<b>Percent</b>	0.6%	0.5%	0.9%	0.6%	2.0%	17.3%	50.3%	24.4%	3.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	08:00	07:00	07:00	09:00	07:00	08:00	07:00	07:00	06:00	08:00						07:00		
<b>Vol.</b>	6	3	6	4	12	58	193	112	24	3						365		
<b>PM Peak</b>	14:00	17:00	14:00	16:00	17:00	18:00	16:00	16:00	16:00	15:00	14:00	23:00	14:00			16:00		
<b>Vol.</b>	6	5	6	8	22	127	280	128	15	2	2	1	1			555		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 speed1  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/14/16	0	0	0	0	1	8	16	10	2	0	0	0	0	0	37	39-48	25
01:00	2	0	0	0	0	4	10	5	0	0	0	0	0	0	21	39-48	14
02:00	0	0	0	0	0	1	10	2	1	1	1	1	0	0	17	39-48	12
03:00	0	0	0	0	1	2	6	2	1	0	0	0	0	0	12	39-48	8
04:00	3	0	0	0	0	8	3	7	5	1	0	0	0	0	27	46-55	10
05:00	1	0	0	0	0	3	22	33	12	0	0	0	0	0	71	42-51	51
06:00	0	0	0	1	2	6	91	77	25	4	1	0	0	0	207	41-50	152
07:00	3	0	1	0	5	25	202	125	17	2	0	0	0	0	380	40-49	294
08:00	4	4	4	5	9	57	162	97	12	0	0	1	0	0	355	40-49	240
09:00	4	0	1	3	3	44	171	47	9	2	0	0	0	0	284	39-48	214
10:00	1	0	6	2	9	54	166	69	6	0	0	0	0	0	313	39-48	228
11:00	2	0	6	1	8	50	179	83	16	0	0	0	0	0	345	39-48	248
12 PM	4	2	6	1	4	88	188	95	6	0	0	0	0	0	394	39-48	277
13:00	3	4	6	2	11	67	214	84	13	1	0	0	0	0	405	39-48	288
14:00	3	3	8	4	4	89	208	81	12	0	0	0	0	0	412	38-47	291
15:00	1	3	3	3	5	93	288	120	9	1	0	1	0	0	527	39-48	395
16:00	0	6	16	22	31	116	310	96	12	0	0	0	0	0	609	38-47	416
17:00	2	4	3	11	21	131	280	111	5	0	0	0	0	0	568	38-47	400
18:00	5	6	7	1	4	67	193	106	8	1	0	0	0	0	398	39-48	279
19:00	1	0	5	2	2	42	205	92	10	2	1	0	0	0	362	40-49	277
20:00	0	2	1	1	6	56	150	82	6	0	0	0	0	0	304	39-48	221
21:00	0	3	2	1	2	69	163	41	6	0	0	0	0	0	287	38-47	220
22:00	1	0	0	0	12	76	135	60	3	1	1	0	0	0	289	38-47	204
23:00	0	0	0	0	2	20	48	35	9	2	0	0	0	0	116	40-49	78
<b>Total</b>	40	37	75	60	142	1176	3420	1560	205	18	4	3	0	0	6740		
<b>Percent</b>	0.6%	0.5%	1.1%	0.9%	2.1%	17.4%	50.7%	23.1%	3.0%	0.3%	0.1%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	08:00	08:00	10:00	08:00	08:00	08:00	07:00	07:00	06:00	06:00	02:00	02:00			07:00		
<b>Vol.</b>	4	4	6	5	9	57	202	125	25	4	1	1			380		
<b>PM Peak</b>	18:00	16:00	16:00	16:00	16:00	17:00	16:00	15:00	13:00	19:00	19:00	15:00			16:00		
<b>Vol.</b>	5	6	16	22	31	131	310	120	13	2	1	1			609		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1101 speed1  
Count 11  
Route 322 and Manor (SE)

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	1	0	0	0	1	7	28	6	1	0	0	0	0	0	44	38-47	34
01:00	0	0	0	0	1	1	2	6	5	1	0	0	0	0	16	46-55	10
02:00	1	0	0	0	1	1	3	4	3	2	2	0	0	0	17	42-51	7
03:00	1	1	0	0	0	2	3	3	3	0	0	0	0	0	13	46-55	5
04:00	0	0	0	0	0	2	14	8	3	1	0	0	0	0	28	40-49	20
05:00	0	0	0	0	1	1	21	26	12	1	0	0	0	0	62	42-51	44
06:00	1	0	0	4	2	8	66	98	14	5	0	0	0	0	198	42-51	147
07:00	4	0	2	0	3	34	160	109	15	0	0	0	0	0	327	40-49	243
08:00	4	1	1	0	2	65	164	80	14	0	0	0	0	0	331	39-48	235
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	12	2	3	4	11	121	461	340	70	10	2	0	0	0	1036		
Percent	1.2%	0.2%	0.3%	0.4%	1.1%	11.7%	44.5%	32.8%	6.8%	1.0%	0.2%	0.0%	0.0%	0.0%			
AM Peak	07:00	03:00	07:00	06:00	07:00	08:00	08:00	07:00	07:00	06:00	02:00				08:00		
Vol.	4	1	2	4	3	65	164	109	15	5	2				331		
PM Peak																	
Vol.	153	157	222	156	501	4401	12464	5929	765	76	12	5	1	0	24842		
Percent	0.6%	0.6%	0.9%	0.6%	2.0%	17.7%	50.2%	23.9%	3.1%	0.3%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 37 MPH  
 50th Percentile : 42 MPH  
 85th Percentile : 47 MPH  
 95th Percentile : 50 MPH

Stats  
 10 MPH Pace Speed : 39-48 MPH  
 Number in Pace : 17639  
 Percent in Pace : 71.0%  
 Number of Vehicles > 55 MPH : 94  
 Percent of Vehicles > 55 MPH : 0.4%  
 Mean Speed(Average) : 43 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 classification  
Count 12  
Manor (SE) to Red Top

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	1	290	104	1	26	1	0	3	<b>5</b>	0	0	0	0	431
15:00	4	360	118	<b>4</b>	<b>46</b>	<b>4</b>	0	<b>6</b>	4	<b>1</b>	0	0	0	547
16:00	1	496	<b>119</b>	3	32	0	0	4	2	0	0	0	0	657
17:00	<b>5</b>	<b>526</b>	115	2	30	1	0	3	3	0	0	0	0	<b>685</b>
18:00	2	351	92	0	25	1	0	2	1	0	0	0	0	474
19:00	1	245	48	1	18	0	0	1	2	0	0	0	0	316
20:00	0	210	47	0	13	0	0	1	3	0	0	0	0	274
21:00	2	170	41	0	6	0	0	0	1	0	0	0	0	220
22:00	0	113	18	1	6	0	<b>1</b>	0	3	0	0	0	0	142
23:00	0	52	6	1	3	0	0	0	0	0	0	0	0	62
Day Total	16	2813	708	13	205	7	1	20	24	1	0	0	0	3808
Percent	0.4%	73.9%	18.6%	0.3%	5.4%	0.2%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00	17:00	16:00	15:00	15:00	15:00	22:00	15:00	14:00	15:00				17:00
	5	526	119	4	46	4	1	6	5	1				685

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 classification  
Count 12  
Manor (SE) to Red Top

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	0	25	4	0	2	1	0	0	1	0	0	0	0	33
01:00	0	10	2	0	1	0	0	0	1	0	0	0	0	14
02:00	0	5	0	0	2	0	0	1	0	0	0	0	0	8
03:00	0	16	2	0	2	0	0	0	1	0	0	0	0	21
04:00	1	28	9	0	7	1	1	2	3	0	0	0	0	52
05:00	3	92	34	0	23	1	0	0	3	0	0	0	0	156
06:00	1	266	72	1	30	1	0	0	1	0	0	0	0	372
07:00	<b>4</b>	<b>437</b>	97	5	35	0	0	<b>13</b>	5	0	0	0	0	596
08:00	2	398	120	2	<b>48</b>	<b>4</b>	1	7	3	0	0	0	0	585
09:00	1	402	<b>142</b>	<b>9</b>	45	3	1	8	<b>9</b>	0	0	0	0	<b>620</b>
10:00	0	335	119	6	38	3	1	6	3	0	0	0	0	511
11:00	0	355	118	7	41	0	<b>2</b>	4	1	0	0	0	0	528
12 PM	0	313	101	6	27	1	<b>1</b>	5	<b>5</b>	0	0	0	0	459
13:00	1	288	94	1	29	<b>2</b>	0	7	1	0	0	0	0	423
14:00	0	322	106	3	32	1	0	5	3	0	0	0	0	472
15:00	1	353	100	<b>7</b>	<b>42</b>	0	0	3	4	0	0	0	0	510
16:00	1	471	<b>125</b>	2	29	2	0	4	3	0	0	0	0	637
17:00	<b>4</b>	<b>485</b>	114	1	29	0	0	<b>9</b>	2	0	0	0	0	<b>644</b>
18:00	2	335	78	0	23	1	0	3	4	0	0	0	0	446
19:00	3	282	85	2	18	0	0	2	2	0	0	0	0	394
20:00	0	197	55	1	13	0	0	4	1	0	0	0	0	271
21:00	3	188	50	1	12	0	1	1	2	0	0	0	0	258
22:00	1	125	20	0	5	0	1	0	0	<b>1</b>	0	0	0	153
23:00	1	40	15	1	6	0	0	0	0	0	0	0	0	63
Day Total	29	5768	1662	55	539	21	9	84	58	1	0	0	0	8226
Percent	0.4%	70.1%	20.2%	0.7%	6.6%	0.3%	0.1%	1.0%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	09:00	09:00	08:00	08:00	11:00	07:00	09:00					09:00
Vol.	4	437	142	9	48	4	2	13	9					620
PM Peak	17:00	17:00	16:00	15:00	15:00	13:00	12:00	17:00	12:00	22:00				17:00
Vol.	4	485	125	7	42	2	1	9	5	1				644

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 classification  
Count 12  
Manor (SE) to Red Top

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	28	5	0	2	0	0	0	1	0	0	0	0	36
01:00	0	19	1	0	2	0	0	0	0	0	0	0	0	22
02:00	0	6	2	0	4	0	0	0	0	0	0	0	0	12
03:00	0	15	3	0	2	0	0	0	1	0	0	0	0	21
04:00	1	40	10	1	4	1	0	1	1	0	0	0	0	59
05:00	0	100	27	0	23	4	0	0	2	0	0	0	0	156
06:00	0	235	67	2	<b>39</b>	3	0	7	3	0	0	0	0	356
07:00	<b>4</b>	<b>415</b>	80	1	35	0	0	5	1	0	0	0	0	541
08:00	1	354	108	5	36	2	0	6	3	0	0	0	0	515
09:00	1	372	<b>112</b>	<b>10</b>	32	0	0	<b>9</b>	<b>6</b>	0	0	0	0	<b>542</b>
10:00	1	342	112	6	27	2	0	2	2	0	0	0	0	494
11:00	0	345	107	3	28	0	0	3	4	<b>1</b>	0	0	0	491
12 PM	<b>3</b>	319	85	5	34	1	0	<b>11</b>	4	<b>1</b>	0	0	0	463
13:00	0	295	119	0	29	1	<b>1</b>	4	2	0	0	0	0	451
14:00	3	327	108	2	27	<b>2</b>	0	6	<b>5</b>	0	0	0	0	480
15:00	0	379	85	<b>6</b>	<b>39</b>	1	1	3	4	0	0	0	0	518
16:00	1	492	95	0	32	0	0	7	1	0	0	0	0	628
17:00	1	<b>507</b>	<b>128</b>	0	31	2	0	3	4	0	0	0	0	<b>676</b>
18:00	1	349	89	2	22	0	0	1	2	0	0	0	0	466
19:00	0	284	81	0	21	0	0	0	0	0	0	0	0	386
20:00	0	210	48	0	17	0	0	1	3	0	0	0	0	279
21:00	0	162	39	2	7	0	0	0	2	0	0	0	0	212
22:00	2	103	16	1	4	0	1	1	0	0	0	0	0	128
23:00	0	53	4	0	1	0	0	0	0	0	0	0	0	58
Day Total	19	5751	1531	46	498	19	3	70	51	2	0	0	0	7990
Percent	0.2%	72.0%	19.2%	0.6%	6.2%	0.2%	0.0%	0.9%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	09:00	09:00	06:00	05:00		09:00	09:00	11:00				09:00
Vol.	4	415	112	10	39	4		9	6	1				542
PM Peak	12:00	17:00	17:00	15:00	15:00	14:00	13:00	12:00	14:00	12:00				17:00
Vol.	3	507	128	6	39	2	1	11	5	1				676

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 classification  
Count 12  
Manor (SE) to Red Top

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	17	3	0	3	0	0	0	0	0	0	0	0	23
01:00	0	19	3	0	1	0	2	0	2	0	0	0	0	27
02:00	0	13	1	1	2	0	0	0	0	0	0	0	0	17
03:00	0	18	4	0	2	0	0	0	1	0	0	0	0	25
04:00	0	31	13	0	8	0	0	0	0	0	0	0	0	52
05:00	0	114	32	0	27	1	0	1	1	0	0	0	0	176
06:00	0	245	55	0	31	5	0	3	2	0	0	0	0	341
07:00	2	459	80	2	42	0	1	6	9	0	0	0	0	601
08:00	1	359	126	4	39	1	0	6	3	0	0	0	0	539
09:00	1	403	136	4	21	2	0	5	5	0	0	0	0	577
10:00	1	381	117	10	46	3	0	3	2	1	0	0	0	564
11:00	1	340	134	5	35	2	0	5	7	0	0	0	0	529
12 PM	3	355	105	4	26	1	1	5	3	1	0	0	0	504
13:00	1	334	95	1	32	1	1	4	5	0	0	0	0	474
14:00	4	345	127	5	28	3	0	5	3	0	0	0	0	520
15:00	1	397	107	1	36	0	0	3	4	0	0	0	0	549
16:00	2	507	117	2	42	2	0	4	4	0	0	0	0	680
17:00	1	545	132	5	33	2	0	4	3	0	0	0	0	725
18:00	4	352	108	0	31	1	0	5	6	0	0	0	0	507
19:00	0	281	79	0	20	0	0	3	3	0	0	0	0	386
20:00	1	241	50	0	11	0	1	1	0	0	0	0	0	305
21:00	0	158	41	1	14	1	0	1	1	0	0	0	0	217
22:00	3	126	28	0	13	1	2	0	1	0	0	0	0	174
23:00	0	67	12	0	4	1	0	0	1	0	0	0	0	85
Day Total	26	6107	1705	45	547	27	8	64	66	2	0	0	0	8597
Percent	0.3%	71.0%	19.8%	0.5%	6.4%	0.3%	0.1%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	09:00	10:00	10:00	06:00	01:00	07:00	07:00	10:00				07:00
Vol.	2	459	136	10	46	5	2	6	9	1				601
PM Peak	14:00	17:00	17:00	14:00	16:00	14:00	22:00	12:00	18:00	12:00				17:00
Vol.	4	545	132	5	42	3	2	5	6	1				725

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 classification  
Count 12  
Manor (SE) to Red Top

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	26	3	0	1	0	0	0	2	0	1	0	0	33
01:00	1	12	1	0	1	1	0	0	2	0	0	0	0	18
02:00	0	9	3	1	3	0	0	0	0	0	0	0	0	16
03:00	1	18	2	0	4	0	0	0	1	0	0	0	0	26
04:00	0	29	10	0	5	0	0	0	1	0	0	0	0	45
05:00	3	99	33	0	27	2	0	0	2	0	0	0	0	166
06:00	3	246	57	0	35	3	0	6	0	0	0	0	0	350
07:00	6	407	100	3	36	4	0	5	7	0	0	0	0	568
08:00	0	351	98	2	30	1	0	3	2	0	0	0	0	487
09:00	4	<b>436</b>	<b>136</b>	<b>5</b>	<b>41</b>	3	0	6	4	0	0	0	0	<b>635</b>
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	18	1633	443	11	183	14	0	20	21	0	1	0	0	2344
Percent	0.8%	69.7%	18.9%	0.5%	7.8%	0.6%	0.0%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	09:00	09:00	09:00	09:00	07:00		06:00	07:00		00:00			09:00
Vol.	6	436	136	5	41	4		6	7		1			635
PM Peak														
Vol.														
Grand Total	108	22072	6049	170	1972	88	21	258	220	6	1	0	0	30965
Percent	0.3%	71.3%	19.5%	0.5%	6.4%	0.3%	0.1%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 classification  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	0	246	115	3	36	0	0	6	2	<b>1</b>	0	0	0	409
15:00	3	378	163	2	60	2	0	<b>8</b>	2	0	0	0	0	618
16:00	4	490	<b>195</b>	5	<b>72</b>	<b>3</b>	0	5	<b>4</b>	0	0	0	0	<b>778</b>
17:00	0	<b>509</b>	164	2	36	0	0	5	3	0	0	0	0	719
18:00	2	331	116	<b>6</b>	37	0	0	3	1	0	0	0	0	496
19:00	3	263	101	0	30	2	0	0	1	0	0	0	0	400
20:00	<b>5</b>	248	89	1	16	2	0	1	2	0	0	0	0	364
21:00	0	177	79	1	14	1	0	1	1	0	0	0	0	274
22:00	1	196	73	3	11	0	0	0	0	0	0	0	0	284
23:00	0	100	24	1	5	0	0	0	0	0	0	0	0	130
Day Total	18	2938	1119	24	317	10	0	29	16	1	0	0	0	4472
Percent	0.4%	65.7%	25.0%	0.5%	7.1%	0.2%	0.0%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	20:00 5	17:00 509	16:00 195	18:00 6	16:00 72	16:00 3		15:00 8	16:00 4	14:00 1				16:00 778

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 classification  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/12/16	0	41	4	2	0	1	0	0	0	0	0	0	0	48
01:00	0	19	3	0	0	0	0	0	0	0	0	0	0	22
02:00	0	8	1	1	1	0	1	1	2	0	0	0	0	15
03:00	0	9	3	0	1	0	1	0	0	0	0	0	0	14
04:00	1	16	5	0	5	1	0	0	0	0	0	0	0	28
05:00	3	44	22	1	6	3	0	1	4	0	0	0	0	84
06:00	2	150	49	0	26	3	1	4	2	0	0	0	0	237
07:00	2	307	76	1	29	1	0	6	1	0	0	0	0	423
08:00	2	214	105	6	37	0	0	4	7	0	0	0	0	375
09:00	1	216	95	3	38	2	0	6	2	0	0	0	0	363
10:00	0	190	98	4	41	2	0	2	5	0	0	0	0	342
11:00	0	229	108	7	30	1	0	6	2	0	0	0	0	383
12 PM	0	251	116	3	42	1	0	5	2	0	0	0	0	420
13:00	1	265	119	5	42	0	0	4	5	0	0	0	0	441
14:00	2	279	129	5	44	1	1	6	4	0	0	0	0	471
15:00	1	374	162	5	47	3	0	1	2	0	0	0	0	595
16:00	4	497	185	2	53	2	0	10	2	0	0	0	0	755
17:00	9	510	174	4	48	0	0	4	1	0	0	0	0	750
18:00	2	315	102	4	28	0	0	2	0	0	0	0	0	453
19:00	3	274	102	4	19	0	0	2	1	0	0	0	0	405
20:00	3	240	97	2	22	1	0	0	1	0	0	0	0	366
21:00	2	243	84	2	15	1	0	0	1	0	0	0	0	348
22:00	2	197	79	0	15	0	0	0	3	0	0	0	0	296
23:00	0	86	28	0	9	0	0	0	2	0	0	0	0	125
Day Total	40	4974	1946	61	598	23	4	64	49	0	0	0	0	7759
Percent	0.5%	64.1%	25.1%	0.8%	7.7%	0.3%	0.1%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	05:00	07:00	11:00	11:00	10:00	05:00	02:00	07:00	08:00					07:00
Vol.	3	307	108	7	41	3	1	6	7					423
PM Peak	17:00	17:00	16:00	13:00	16:00	15:00	14:00	16:00	13:00					16:00
Vol.	9	510	185	5	53	3	1	10	5					755



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 classification  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/13/16	0	33	8	2	2	0	0	0	0	0	0	0	0	45
01:00	0	43	8	0	2	0	<b>1</b>	0	2	0	0	0	0	56
02:00	1	10	1	1	0	1	1	0	1	0	0	0	0	16
03:00	0	10	6	0	2	0	0	0	1	0	0	0	0	19
04:00	1	12	5	0	5	1	0	2	0	0	0	0	0	26
05:00	0	58	20	1	10	3	0	0	1	0	0	0	0	93
06:00	1	129	47	2	22	1	0	5	5	0	0	0	0	212
07:00	1	<b>297</b>	75	3	21	1	0	6	3	0	0	0	0	<b>407</b>
08:00	1	237	67	1	27	2	0	5	5	0	0	0	0	345
09:00	<b>5</b>	200	75	<b>4</b>	28	<b>6</b>	0	<b>7</b>	1	0	0	0	0	326
10:00	1	205	98	4	<b>38</b>	0	0	4	<b>7</b>	0	0	0	0	357
11:00	1	232	<b>99</b>	2	33	0	0	6	3	0	0	0	0	376
12 PM	0	283	140	6	49	1	0	5	3	0	0	0	0	487
13:00	1	261	122	<b>8</b>	32	0	0	7	1	<b>1</b>	0	0	0	433
14:00	1	308	141	3	50	0	0	<b>8</b>	4	0	0	0	0	515
15:00	0	383	162	4	<b>60</b>	<b>2</b>	0	4	<b>7</b>	0	0	0	0	622
16:00	<b>2</b>	450	<b>211</b>	0	54	1	0	4	4	0	0	0	0	<b>726</b>
17:00	0	<b>496</b>	165	5	48	1	0	0	3	0	0	0	0	718
18:00	1	347	123	1	33	0	0	1	2	0	0	0	0	508
19:00	1	263	95	0	26	1	0	3	0	0	0	0	0	389
20:00	0	225	85	1	13	0	0	2	2	0	0	0	0	328
21:00	1	214	83	0	16	0	0	0	3	0	0	0	0	317
22:00	0	165	63	1	15	0	0	0	1	0	0	0	0	245
23:00	0	94	21	2	6	0	0	0	0	0	0	0	0	123
Day Total	19	4955	1920	51	592	21	2	69	59	1	0	0	0	7689
Percent	0.2%	64.4%	25.0%	0.7%	7.7%	0.3%	0.0%	0.9%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	11:00	09:00	10:00	09:00	01:00	09:00	10:00					07:00
Vol.	5	297	99	4	38	6	1	7	7					407
PM Peak	16:00	17:00	16:00	13:00	15:00	15:00		14:00	15:00	13:00				16:00
Vol.	2	496	211	8	60	2		8	7	1				726

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 classification  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/14/16	0	33	6	0	5	0	0	0	0	0	0	0	0	44
01:00	0	18	4	1	0	1	0	0	0	0	0	0	0	24
02:00	0	11	3	1	1	0	1	0	2	0	0	0	0	19
03:00	1	7	4	0	1	2	1	0	2	0	0	0	0	18
04:00	0	16	4	0	3	0	0	0	1	0	0	0	0	24
05:00	1	46	19	0	9	1	0	2	0	0	0	0	0	78
06:00	4	133	43	3	26	2	0	1	0	0	0	0	0	212
07:00	2	<b>316</b>	84	2	27	<b>3</b>	0	3	3	0	0	0	0	<b>440</b>
08:00	2	239	93	<b>5</b>	30	1	0	7	<b>6</b>	0	0	0	0	383
09:00	1	185	<b>113</b>	3	29	1	0	6	1	0	0	0	0	339
10:00	1	211	111	2	38	3	1	<b>10</b>	3	0	0	0	0	380
11:00	1	260	103	4	<b>39</b>	1	0	8	5	0	0	0	0	421
12 PM	2	291	131	<b>9</b>	42	<b>3</b>	<b>1</b>	2	1	0	0	0	0	482
13:00	1	308	128	1	42	0	1	<b>12</b>	<b>9</b>	0	0	0	0	502
14:00	2	305	148	4	51	2	0	10	4	0	0	0	0	526
15:00	2	408	174	8	49	2	0	7	2	0	0	0	0	652
16:00	<b>5</b>	<b>526</b>	<b>194</b>	1	<b>63</b>	1	0	7	3	0	0	0	0	<b>800</b>
17:00	1	509	177	2	48	3	0	2	1	0	0	0	0	743
18:00	0	339	107	4	40	1	0	2	2	0	0	0	0	495
19:00	1	300	106	0	31	0	0	0	1	0	0	0	0	439
20:00	1	267	93	3	25	0	0	2	1	0	0	0	0	392
21:00	0	226	91	0	21	2	0	0	0	0	0	0	0	340
22:00	0	214	114	0	12	1	0	1	1	0	0	0	0	343
23:00	2	99	38	0	5	1	0	0	1	0	0	0	0	146
Day Total	30	5267	2088	53	637	31	5	82	49	0	0	0	0	8242
Percent	0.4%	63.9%	25.3%	0.6%	7.7%	0.4%	0.1%	1.0%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	09:00	08:00	11:00	07:00	02:00	10:00	08:00					07:00
Vol.	4	316	113	5	39	3	1	10	6					440
PM Peak	16:00	16:00	16:00	12:00	16:00	12:00	12:00	13:00	13:00					16:00
Vol.	5	526	194	9	63	3	1	12	9					800

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 classification  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
07/15/16	0	40	8	0	3	0	0	0	1	0	0	0	0	52
01:00	0	18	0	0	3	0	0	0	0	0	0	0	0	21
02:00	0	6	6	2	0	1	1	0	0	0	0	0	0	16
03:00	0	6	4	0	2	1	0	0	1	0	0	0	0	14
04:00	1	10	9	0	9	1	0	0	0	0	0	0	0	30
05:00	1	37	16	0	6	2	0	1	1	0	0	0	0	64
06:00	<b>3</b>	118	54	3	28	<b>3</b>	<b>2</b>	1	3	0	0	0	0	215
07:00	0	<b>284</b>	77	0	24	0	0	<b>5</b>	4	0	0	0	0	<b>394</b>
08:00	1	221	106	<b>4</b>	33	2	0	5	<b>6</b>	0	0	0	0	378
09:00	0	229	<b>118</b>	3	<b>35</b>	2	0	5	2	0	0	0	0	394
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Day Total	6	969	398	12	143	12	3	17	18	0	0	0	0	1578
Percent	0.4%	61.4%	25.2%	0.8%	9.1%	0.8%	0.2%	1.1%	1.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	09:00	08:00	09:00	06:00	06:00	07:00	08:00					07:00
Vol.	3	284	118	4	35	3	2	5	6					394
PM Peak														
Vol.														
Grand Total	113	19103	7471	201	2287	97	14	261	191	2	0	0	0	29740
Percent	0.4%	64.2%	25.1%	0.7%	7.7%	0.3%	0.0%	0.9%	0.6%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 speed1  
Count 12  
Manor (SE) and Red Top

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace										
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
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	<b>15</b>	0	0	0	<b>1</b>	<b>14</b>	<b>62</b>	<b>183</b>	<b>127</b>	<b>25</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>431</b>	<b>45-54</b>	<b>280</b>										
15:00	<b>5</b>	0	0	0	<b>0</b>	<b>19</b>	<b>76</b>	<b>215</b>	<b>174</b>	<b>53</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>547</b>	<b>45-54</b>	<b>356</b>										
16:00	<b>4</b>	0	0	0	<b>1</b>	<b>7</b>	<b>62</b>	<b>312</b>	<b>231</b>	<b>35</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>657</b>	<b>45-54</b>	<b>489</b>										
17:00	<b>4</b>	0	0	0	<b>0</b>	<b>6</b>	<b>119</b>	<b>354</b>	<b>178</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>685</b>	<b>44-53</b>	<b>506</b>										
18:00	<b>2</b>	0	0	0	<b>0</b>	<b>10</b>	<b>26</b>	<b>193</b>	<b>194</b>	<b>42</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>474</b>	<b>46-55</b>	<b>348</b>										
19:00	<b>5</b>	0	0	0	<b>0</b>	<b>1</b>	<b>38</b>	<b>114</b>	<b>108</b>	<b>47</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>316</b>	<b>46-55</b>	<b>203</b>										
20:00	<b>4</b>	0	0	0	<b>1</b>	<b>4</b>	<b>43</b>	<b>108</b>	<b>87</b>	<b>26</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>274</b>	<b>45-54</b>	<b>179</b>										
21:00	<b>2</b>	0	0	0	<b>0</b>	<b>6</b>	<b>31</b>	<b>96</b>	<b>72</b>	<b>10</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>220</b>	<b>45-54</b>	<b>154</b>										
22:00	<b>0</b>	0	0	0	<b>0</b>	<b>1</b>	<b>24</b>	<b>39</b>	<b>55</b>	<b>18</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>142</b>	<b>46-55</b>	<b>88</b>										
23:00	<b>0</b>	0	0	0	<b>0</b>	<b>1</b>	<b>4</b>	<b>28</b>	<b>23</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>62</b>	<b>46-55</b>	<b>46</b>										
<b>Total</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>69</b>	<b>485</b>	<b>1642</b>	<b>1249</b>	<b>282</b>	<b>33</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>3808</b>												
<b>Percent</b>	<b>1.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>1.8%</b>	<b>12.7%</b>	<b>43.1%</b>	<b>32.8%</b>	<b>7.4%</b>	<b>0.9%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>													
AM Peak Vol.																											
PM Peak Vol.	<b>14:00</b>																	<b>14:00</b>	<b>15:00</b>	<b>17:00</b>	<b>17:00</b>	<b>16:00</b>	<b>15:00</b>	<b>18:00</b>	<b>16:00</b>	<b>23:00</b>	<b>17:00</b>
	<b>15</b>																	<b>1</b>	<b>19</b>	<b>119</b>	<b>354</b>	<b>231</b>	<b>53</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>685</b>

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 speed1  
Count 12  
Manor (SE) and Red Top

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	0	0	0	0	0	0	2	9	15	7	0	0	0	0	33	48-57	23
01:00	0	0	0	0	0	0	3	6	5	0	0	0	0	0	14	46-55	10
02:00	0	0	0	0	0	0	0	1	5	1	0	0	1	0	8	50-59	6
03:00	0	0	0	0	0	0	3	4	9	3	0	2	0	0	21	47-56	13
04:00	0	0	0	0	0	1	3	12	24	10	2	0	0	0	52	48-57	35
05:00	0	0	0	0	0	1	10	51	67	19	7	1	0	0	156	47-56	108
06:00	1	0	0	0	0	1	14	121	168	57	10	0	0	0	372	47-56	267
07:00	2	0	0	0	0	1	46	<b>294</b>	<b>218</b>	30	4	1	0	0	596	45-54	459
08:00	1	0	0	0	0	7	81	276	196	22	2	0	0	0	585	45-54	434
09:00	1	0	0	0	0	11	<b>164</b>	286	144	13	1	0	0	0	<b>620</b>	43-52	441
10:00	<b>6</b>	0	0	0	3	<b>29</b>	79	229	145	16	3	1	0	0	511	45-54	346
11:00	6	0	0	0	4	24	107	225	137	23	1	1	0	0	528	44-53	347
12 PM	5	0	0	0	1	<b>16</b>	82	202	132	19	1	1	0	0	459	45-54	312
13:00	4	0	0	0	0	6	49	191	142	26	5	0	0	0	423	45-54	302
14:00	3	0	0	0	<b>2</b>	9	45	208	164	<b>35</b>	<b>6</b>	0	0	0	472	46-55	335
15:00	3	0	0	0	0	6	91	237	140	26	6	1	0	0	510	44-53	356
16:00	2	0	0	0	1	7	108	<b>308</b>	<b>188</b>	20	3	0	0	0	637	45-54	464
17:00	5	0	0	0	0	12	<b>118</b>	296	186	24	3	0	0	0	<b>644</b>	44-53	452
18:00	3	0	0	0	1	3	25	209	169	33	3	0	0	0	446	46-55	338
19:00	1	0	0	0	1	4	45	165	146	26	3	<b>2</b>	<b>1</b>	0	394	46-55	282
20:00	<b>6</b>	0	0	0	0	10	28	110	97	18	1	1	0	0	271	46-55	184
21:00	1	0	0	0	0	4	36	124	75	16	2	0	0	0	258	45-54	185
22:00	2	0	0	0	2	0	17	63	44	22	2	0	1	0	153	46-55	98
23:00	0	0	0	0	0	1	8	24	16	6	4	2	1	1	63	45-54	38
Total	52	0	0	0	15	153	1164	3651	2632	472	69	13	4	1	8226		
Percent	0.6%	0.0%	0.0%	0.0%	0.2%	1.9%	14.2%	44.4%	32.0%	5.7%	0.8%	0.2%	0.0%	0.0%			
AM Peak	10:00				11:00	10:00	09:00	07:00	07:00	06:00	06:00	03:00	02:00		09:00		
Vol.	6				4	29	164	294	218	57	10	2	1		620		
PM Peak	20:00				14:00	12:00	17:00	16:00	16:00	14:00	14:00	19:00	19:00	23:00	17:00		
Vol.	6				2	16	118	308	188	35	6	2	1	1	644		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 speed1  
Count 12  
Manor (SE) and Red Top

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	1	0	0	0	0	1	4	14	10	4	0	1	0	1	36	45-54	22
01:00	0	0	0	0	0	0	5	6	5	6	0	0	0	0	22	42-51	11
02:00	0	0	0	0	0	0	1	2	5	3	1	0	0	0	12	49-58	8
03:00	0	0	0	0	0	0	1	10	6	1	2	0	1	0	21	45-54	15
04:00	1	0	0	0	0	0	5	15	19	16	2	1	0	0	59	49-58	34
05:00	1	0	0	0	0	0	11	36	56	39	13	0	0	0	156	49-58	93
06:00	1	0	0	0	0	1	26	129	147	40	12	0	0	0	356	46-55	250
07:00	4	0	0	0	0	7	65	241	170	44	9	1	0	0	541	45-54	376
08:00	0	0	0	0	0	20	111	247	119	18	0	0	0	0	515	44-53	363
09:00	0	0	0	0	1	7	85	274	159	11	5	0	0	0	542	45-54	405
10:00	1	0	0	0	2	15	90	215	144	24	3	0	0	0	494	45-54	338
11:00	3	0	0	0	3	19	90	224	121	28	3	0	0	0	491	44-53	331
12 PM	6	0	0	0	4	17	62	213	128	30	2	1	0	0	463	45-54	315
13:00	2	0	0	0	0	8	61	232	127	19	2	0	0	0	451	45-54	333
14:00	0	0	0	0	1	10	56	217	142	48	5	1	0	0	480	45-54	332
15:00	1	0	0	0	1	8	92	250	127	33	6	0	0	0	518	44-53	362
16:00	3	0	0	0	0	7	69	319	191	33	6	0	0	0	628	45-54	467
17:00	3	0	0	2	3	15	189	311	132	19	2	0	0	0	676	43-52	476
18:00	1	0	0	0	3	59	143	176	77	7	0	0	0	0	466	42-51	298
19:00	1	0	0	0	1	4	66	174	118	21	1	0	0	0	386	45-54	273
20:00	0	0	0	0	0	4	40	130	79	24	0	0	2	0	279	45-54	196
21:00	1	0	0	0	0	4	50	81	60	10	4	1	1	0	212	44-53	137
22:00	0	0	0	0	0	1	21	57	31	13	4	1	0	0	128	44-53	84
23:00	0	0	0	0	0	1	5	22	21	6	2	0	1	0	58	46-55	39
Total	30	0	0	2	19	208	1348	3595	2194	497	84	7	5	1	7990		
Percent	0.4%	0.0%	0.0%	0.0%	0.2%	2.6%	16.9%	45.0%	27.5%	6.2%	1.1%	0.1%	0.1%	0.0%			
AM Peak	07:00				11:00	08:00	08:00	09:00	07:00	07:00	05:00	00:00	03:00	00:00	09:00		
Vol.	4				3	20	111	274	170	44	13	1	1	1	542		
PM Peak	12:00			17:00	12:00	18:00	17:00	16:00	16:00	14:00	15:00	12:00	20:00		17:00		
Vol.	6			2	4	59	189	319	191	48	6	1	2		676		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 speed1  
Count 12  
Manor (SE) and Red Top

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/14/16	0	0	0	0	0	0	2	7	7	5	2	0	0	0	23	48-57	13
01:00	0	0	0	1	1	4	1	8	7	5	0	0	0	0	27	47-56	14
02:00	0	0	0	0	0	0	4	2	3	2	5	1	0	0	17	56-65	7
03:00	0	0	0	0	0	0	3	6	9	4	2	0	1	0	25	47-56	15
04:00	0	0	0	0	0	0	4	11	19	9	5	2	2	0	52	48-57	30
05:00	0	0	0	0	0	1	15	57	67	31	5	0	0	0	176	47-56	116
06:00	1	0	0	0	0	1	25	125	128	52	8	1	0	0	341	46-55	231
07:00	1	0	0	0	0	3	58	294	204	39	2	0	0	0	601	45-54	452
08:00	0	0	0	0	1	15	70	232	187	31	3	0	0	0	539	45-54	383
09:00	0	0	0	1	0	18	107	262	155	31	3	0	0	0	577	44-53	398
10:00	5	0	0	0	5	19	103	264	145	20	1	1	1	0	564	44-53	390
11:00	7	0	0	0	5	16	130	221	121	29	0	0	0	0	529	43-52	344
12 PM	4	0	0	0	1	8	83	232	144	29	2	0	1	0	504	45-54	351
13:00	6	14	8	2	6	17	50	193	143	30	5	0	0	0	474	45-54	300
14:00	3	0	0	1	0	11	51	221	182	43	6	2	0	0	520	46-55	364
15:00	3	0	0	0	0	3	54	251	183	50	4	1	0	0	549	45-54	393
16:00	1	0	0	0	0	5	90	309	223	50	2	0	0	0	680	45-54	489
17:00	4	0	0	0	1	13	75	331	240	56	4	1	0	0	725	45-54	518
18:00	2	0	0	0	3	9	43	208	186	48	6	2	0	0	507	46-55	357
19:00	1	0	0	0	0	2	32	147	166	32	6	0	0	0	386	46-55	283
20:00	3	0	0	0	3	7	37	154	88	10	1	2	0	0	305	45-54	222
21:00	3	0	0	0	0	4	36	90	69	12	3	0	0	0	217	45-54	146
22:00	0	0	0	0	0	7	21	68	57	18	3	0	0	0	174	46-55	115
23:00	0	0	0	1	0	1	8	35	24	11	5	0	0	0	85	46-55	54
<b>Total</b>	<b>44</b>	<b>14</b>	<b>8</b>	<b>6</b>	<b>26</b>	<b>164</b>	<b>1102</b>	<b>3728</b>	<b>2757</b>	<b>647</b>	<b>83</b>	<b>13</b>	<b>5</b>	<b>0</b>	<b>8597</b>		
<b>Percent</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.3%</b>	<b>1.9%</b>	<b>12.8%</b>	<b>43.4%</b>	<b>32.1%</b>	<b>7.5%</b>	<b>1.0%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>11:00</b>			<b>01:00</b>	<b>10:00</b>	<b>10:00</b>	<b>11:00</b>	<b>07:00</b>	<b>07:00</b>	<b>06:00</b>	<b>06:00</b>	<b>04:00</b>	<b>04:00</b>		<b>07:00</b>		
<b>Vol.</b>	<b>7</b>			<b>1</b>	<b>5</b>	<b>19</b>	<b>130</b>	<b>294</b>	<b>204</b>	<b>52</b>	<b>8</b>	<b>2</b>	<b>2</b>		<b>601</b>		
<b>PM Peak</b>	<b>13:00</b>	<b>13:00</b>	<b>13:00</b>	<b>13:00</b>	<b>13:00</b>	<b>13:00</b>	<b>16:00</b>	<b>17:00</b>	<b>17:00</b>	<b>17:00</b>	<b>14:00</b>	<b>14:00</b>	<b>12:00</b>		<b>17:00</b>		
<b>Vol.</b>	<b>6</b>	<b>14</b>	<b>8</b>	<b>2</b>	<b>6</b>	<b>17</b>	<b>90</b>	<b>331</b>	<b>240</b>	<b>56</b>	<b>6</b>	<b>2</b>	<b>1</b>		<b>725</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1200 speed1  
Count 12  
Manor (SE) and Red Top

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	0	0	0	0	0	0	2	11	11	7	1	1	0	0	33	47-56	21
01:00	0	0	0	0	0	0	2	6	9	1	0	0	0	0	18	46-55	14
02:00	0	0	0	0	0	0	0	8	3	3	1	0	0	1	16	46-55	10
03:00	0	0	0	0	0	0	2	9	9	5	0	1	0	0	26	46-55	17
04:00	0	0	0	0	0	0	0	14	16	10	4	1	0	0	45	48-57	28
05:00	0	0	0	0	2	2	12	55	57	29	9	0	0	0	166	47-56	104
06:00	3	0	0	1	0	0	25	130	133	49	6	3	0	0	350	46-55	239
07:00	1	0	0	1	7	17	110	230	162	36	4	0	0	0	568	45-54	371
08:00	12	1	3	4	4	11	75	197	143	25	10	2	0	0	487	45-54	310
09:00	2	5	11	1	8	21	150	242	168	25	2	0	0	0	635	44-53	400
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	18	6	14	7	21	51	378	902	711	190	37	8	0	1	2344		
<b>Percent</b>	0.8%	0.3%	0.6%	0.3%	0.9%	2.2%	16.1%	38.5%	30.3%	8.1%	1.6%	0.3%	0.0%	0.0%			
<b>AM Peak</b>	08:00	09:00	09:00	08:00	09:00	09:00	09:00	09:00	09:00	06:00	08:00	06:00		02:00	09:00		
<b>Vol.</b>	12	5	11	4	8	21	150	242	168	49	10	3		1	635		
<b>PM Peak</b>																	
<b>Vol.</b>	185	20	22	15	84	645	4477	13518	9543	2088	306	44	14	4	30965		
<b>Percent</b>	0.6%	0.1%	0.1%	0.0%	0.3%	2.1%	14.5%	43.7%	30.8%	6.7%	1.0%	0.1%	0.0%	0.0%			

15th Percentile : 43 MPH  
 50th Percentile : 48 MPH  
 85th Percentile : 53 MPH  
 95th Percentile : 57 MPH

Stats  
 10 MPH Pace Speed : 45-54 MPH  
 Number in Pace : 21283  
 Percent in Pace : 68.7%  
 Number of Vehicles > 55 MPH : 2456  
 Percent of Vehicles > 55 MPH : 7.9%  
 Mean Speed(Average) : 49 MPH



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 speed1  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
07/11/16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	<b>13</b>	0	0	1	1	21	75	191	80	22	4	0	0	1	409	44-53	262
15:00	4	0	0	1	9	<b>48</b>	168	257	106	20	4	1	0	0	618	42-51	400
16:00	4	0	<b>3</b>	<b>20</b>	<b>23</b>	40	157	<b>338</b>	<b>169</b>	22	0	<b>2</b>	0	0	<b>778</b>	44-53	500
17:00	11	<b>4</b>	2	2	4	27	<b>178</b>	307	159	23	2	0	0	0	719	43-52	470
18:00	5	0	0	0	0	3	82	208	166	<b>28</b>	2	2	0	0	496	45-54	344
19:00	1	0	0	1	1	8	91	179	95	21	0	2	<b>1</b>	0	400	44-53	272
20:00	1	0	0	0	4	30	110	145	71	3	0	0	0	0	364	42-51	241
21:00	0	0	0	0	1	15	105	97	37	13	<b>5</b>	1	0	0	274	41-50	184
22:00	0	0	0	0	3	13	51	137	62	13	5	0	0	0	284	44-53	195
23:00	0	0	0	0	1	2	23	50	37	14	3	0	0	0	130	45-54	82
Total	39	4	5	25	47	207	1040	1909	982	179	25	8	1	1	4472		
Percent	0.9%	0.1%	0.1%	0.6%	1.1%	4.6%	23.3%	42.7%	22.0%	4.0%	0.6%	0.2%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	14:00	17:00	16:00	16:00	16:00	15:00	17:00	16:00	16:00	18:00	21:00	16:00	19:00	14:00	16:00		
	13	4	3	20	23	48	178	338	169	28	5	2	1	1	778		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 speed1  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/12/16	1	0	0	0	0	2	11	15	10	3	5	1	0	0	48	43-52	25
01:00	0	0	0	0	0	2	2	6	9	2	0	0	1	0	22	47-56	14
02:00	1	0	0	0	0	1	4	5	3	0	1	0	0	0	15	43-52	8
03:00	1	0	0	0	0	1	1	6	1	2	2	0	0	0	14	43-52	7
04:00	0	0	0	0	1	2	4	9	4	3	4	0	1	0	28	44-53	13
05:00	0	0	0	0	0	1	9	25	23	17	8	1	0	0	84	47-56	46
06:00	0	0	0	0	1	5	16	82	86	35	12	0	0	0	237	46-55	154
07:00	1	0	0	0	5	11	64	153	144	41	3	1	0	0	423	46-55	273
08:00	1	0	0	0	0	8	64	159	112	29	2	0	0	0	375	45-54	254
09:00	2	0	3	2	1	5	57	182	88	21	2	0	0	0	363	44-53	256
10:00	4	0	0	0	0	13	68	165	79	12	1	0	0	0	342	44-53	237
11:00	0	0	0	0	2	14	79	168	98	21	1	0	0	0	383	44-53	258
12 PM	0	0	0	0	1	26	101	196	85	10	0	0	1	0	420	43-52	291
13:00	2	0	0	0	0	24	104	184	105	19	2	1	0	0	441	44-53	288
14:00	1	0	0	0	1	20	133	216	82	15	3	0	0	0	471	43-52	328
15:00	4	0	0	0	6	27	161	233	138	20	5	1	0	0	595	43-52	383
16:00	2	0	0	0	12	53	219	319	135	13	2	0	0	0	755	42-51	506
17:00	0	0	0	0	4	49	225	333	124	14	1	0	0	0	750	42-51	522
18:00	1	0	0	0	4	27	107	189	105	19	1	0	0	0	453	43-52	295
19:00	5	0	0	0	2	24	95	161	98	20	0	0	0	0	405	44-53	255
20:00	0	0	0	0	0	7	78	176	79	24	2	0	0	0	366	44-53	255
21:00	0	0	0	0	5	34	113	149	40	6	0	1	0	0	348	42-51	240
22:00	0	0	0	0	7	29	94	114	45	6	1	0	0	0	296	42-51	193
23:00	1	0	0	1	0	8	27	49	24	12	3	0	0	0	125	43-52	74
<b>Total</b>	<b>27</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>52</b>	<b>393</b>	<b>1836</b>	<b>3294</b>	<b>1717</b>	<b>364</b>	<b>61</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>7759</b>		
Percent	0.3%	0.0%	0.0%	0.0%	0.7%	5.1%	23.7%	42.5%	22.1%	4.7%	0.8%	0.1%	0.0%	0.0%			
AM Peak	10:00		09:00	09:00	07:00	11:00	11:00	09:00	07:00	07:00	06:00	00:00	01:00		07:00		
Vol.	4		3	2	5	14	79	182	144	41	12	1	1		423		
PM Peak	19:00			23:00	16:00	16:00	17:00	17:00	15:00	20:00	15:00	13:00	12:00		16:00		
Vol.	5			1	12	53	225	333	138	24	5	1	1		755		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 speed1  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/13/16	0	0	0	0	0	3	8	12	14	5	2	1	0	0	45	47-56	24
01:00	1	0	0	0	0	4	15	15	14	3	3	1	0	0	56	43-52	29
02:00	1	0	0	0	0	0	5	3	2	3	2	0	0	0	16	40-49	7
03:00	0	0	0	0	0	0	3	6	9	1	0	0	0	0	19	46-55	14
04:00	<b>2</b>	0	0	<b>2</b>	1	1	6	7	3	3	1	0	0	0	26	43-52	11
05:00	0	0	0	0	0	1	13	22	41	11	4	1	0	0	93	47-56	59
06:00	1	0	0	0	1	3	28	78	68	<b>27</b>	4	1	<b>1</b>	0	212	46-55	135
07:00	0	0	0	0	3	5	48	<b>193</b>	<b>127</b>	23	<b>6</b>	<b>2</b>	0	0	<b>407</b>	45-54	294
08:00	1	0	0	0	3	13	66	147	92	20	3	0	0	0	345	44-53	228
09:00	2	0	0	0	<b>7</b>	18	80	147	61	6	4	1	0	0	326	43-52	218
10:00	0	0	0	0	0	<b>22</b>	<b>103</b>	153	72	7	0	0	0	0	357	43-52	244
11:00	1	0	0	0	0	13	78	177	85	20	2	0	0	0	376	44-53	259
12 PM	0	0	0	<b>4</b>	2	20	133	211	95	22	0	0	0	0	487	43-52	329
13:00	2	0	0	0	2	14	91	178	122	18	<b>6</b>	0	0	0	433	44-53	287
14:00	<b>3</b>	0	0	0	0	23	132	208	129	18	2	0	0	0	515	43-52	337
15:00	3	0	0	0	4	39	155	252	145	22	2	0	0	0	622	43-52	401
16:00	1	0	0	1	9	37	181	284	<b>172</b>	<b>37</b>	4	0	0	0	<b>726</b>	43-52	461
17:00	2	0	0	1	<b>14</b>	<b>58</b>	201	<b>299</b>	123	18	2	0	0	0	718	42-51	471
18:00	0	0	0	0	3	47	<b>218</b>	181	53	5	1	0	0	0	508	41-50	363
19:00	1	0	0	1	8	26	113	154	71	15	0	0	0	0	389	42-51	251
20:00	0	0	0	0	0	9	92	153	60	13	1	0	0	0	328	43-52	232
21:00	0	0	0	0	0	19	89	129	62	14	4	0	0	0	317	43-52	207
22:00	0	0	0	0	0	14	64	110	47	8	2	0	0	0	245	43-52	167
23:00	0	0	0	0	1	0	15	45	43	16	3	0	0	0	123	46-55	81
<b>Total</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>58</b>	<b>389</b>	<b>1937</b>	<b>3164</b>	<b>1710</b>	<b>335</b>	<b>58</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>7689</b>		
Percent	0.3%	0.0%	0.0%	0.1%	0.8%	5.1%	25.2%	41.1%	22.2%	4.4%	0.8%	0.1%	0.0%	0.0%			
AM Peak	04:00			04:00	09:00	10:00	10:00	07:00	07:00	06:00	07:00	07:00	06:00		07:00		
Vol.	2			2	7	22	103	193	127	27	6	2	1		407		
PM Peak	14:00			12:00	17:00	17:00	18:00	17:00	16:00	16:00	13:00				16:00		
Vol.	3			4	14	58	218	299	172	37	6				726		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 speed1  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
07/14/16	0	0	0	0	0	3	11	17	8	4	1	0	0	0	44	42-51	27
01:00	1	0	0	0	1	1	5	8	5	0	2	1	0	0	24	43-52	13
02:00	0	0	0	0	1	0	4	6	4	3	0	1	0	0	19	44-53	10
03:00	0	0	0	0	0	1	9	1	5	1	1	0	0	0	18	39-48	10
04:00	1	0	0	0	1	0	5	4	6	6	1	0	0	0	24	49-58	11
05:00	3	0	0	2	0	1	5	20	34	11	2	0	0	0	78	47-56	49
06:00	1	0	0	0	2	2	13	86	77	27	3	0	1	0	212	46-55	148
07:00	1	0	0	0	0	14	75	176	<b>135</b>	<b>35</b>	3	0	1	0	<b>440</b>	45-54	291
08:00	1	0	0	1	2	11	84	167	89	24	3	1	0	0	383	44-53	253
09:00	<b>4</b>	0	0	0	0	10	62	164	75	20	<b>4</b>	0	0	0	339	44-53	232
10:00	1	0	0	<b>3</b>	2	<b>29</b>	<b>97</b>	158	75	11	4	0	0	0	380	43-52	246
11:00	1	0	0	1	<b>7</b>	15	94	<b>196</b>	92	14	1	0	0	0	421	43-52	289
12 PM	1	0	0	0	1	15	133	202	107	22	1	0	0	0	482	43-52	324
13:00	<b>2</b>	0	0	0	4	22	147	224	78	22	2	1	0	0	502	42-51	345
14:00	1	0	3	2	3	31	145	205	108	24	<b>4</b>	0	0	0	526	43-52	335
15:00	2	0	0	3	5	30	175	271	138	22	4	<b>2</b>	0	0	652	43-52	430
16:00	0	<b>1</b>	<b>5</b>	<b>11</b>	5	31	<b>206</b>	<b>370</b>	144	22	3	2	0	0	<b>800</b>	43-52	551
17:00	0	0	0	0	2	17	186	322	<b>181</b>	<b>35</b>	0	0	0	0	743	43-52	506
18:00	1	0	0	0	0	21	110	226	122	13	2	0	0	0	495	44-53	343
19:00	2	0	0	0	0	6	92	195	130	13	1	0	0	0	439	44-53	309
20:00	1	0	0	0	4	<b>35</b>	114	142	79	16	0	1	0	0	392	42-51	243
21:00	0	0	0	0	1	23	114	135	51	12	3	1	0	0	340	42-51	229
22:00	0	0	0	1	<b>10</b>	35	95	133	59	7	2	0	<b>1</b>	0	343	42-51	216
23:00	0	0	0	1	6	16	21	57	27	15	3	0	0	0	146	44-53	82
Total	24	1	8	25	57	369	2002	3485	1829	379	50	10	3	0	8242		
Percent	0.3%	0.0%	0.1%	0.3%	0.7%	4.5%	24.3%	42.3%	22.2%	4.6%	0.6%	0.1%	0.0%	0.0%			
AM Peak	09:00			10:00	11:00	10:00	10:00	11:00	07:00	07:00	09:00	01:00	06:00		07:00		
Vol.	4			3	7	29	97	196	135	35	4	1	1		440		
PM Peak	13:00	16:00	16:00	16:00	22:00	20:00	16:00	16:00	17:00	17:00	14:00	15:00	22:00		16:00		
Vol.	2	1	5	11	10	35	206	370	181	35	4	2	1		800		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

1201 speed1  
Count 12  
Manor (SE) and Red Top

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
07/15/16	0	0	0	0	1	3	12	19	12	2	2	1	0	0	52	43-52	31
01:00	0	0	0	0	2	0	1	10	6	1	1	0	0	0	21	46-55	14
02:00	0	0	0	0	0	2	2	3	2	4	2	1	0	0	16	54-63	6
03:00	0	0	0	0	0	2	1	6	4	1	0	0	0	0	14	46-55	9
04:00	0	0	0	2	0	1	8	9	4	3	1	1	1	0	30	41-50	16
05:00	0	0	1	0	0	0	6	17	24	14	1	1	0	0	64	47-56	40
06:00	7	0	1	1	0	7	17	69	80	29	4	0	0	0	215	47-56	133
07:00	1	0	0	0	0	8	47	176	129	31	2	0	0	0	394	45-54	279
08:00	2	1	1	0	0	14	91	144	101	19	3	2	0	0	378	44-53	240
09:00	0	0	0	1	4	22	83	197	69	17	1	0	0	0	394	43-52	274
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	10	1	3	4	7	59	268	650	431	121	17	6	1	0	1578		
<b>Percent</b>	0.6%	0.1%	0.2%	0.3%	0.4%	3.7%	17.0%	41.2%	27.3%	7.7%	1.1%	0.4%	0.1%	0.0%			
<b>AM Peak</b>	06:00	08:00	05:00	04:00	09:00	09:00	08:00	09:00	07:00	07:00	06:00	08:00	04:00		07:00		
<b>Vol.</b>	7	1	1	2	4	22	91	197	129	31	4	2	1		394		
<b>PM Peak</b>																	
<b>Vol.</b>	121	6	19	66	221	1417	7083	12502	6669	1378	211	37	9	1	29740		
<b>Percent</b>	0.4%	0.0%	0.1%	0.2%	0.7%	4.8%	23.8%	42.0%	22.4%	4.6%	0.7%	0.1%	0.0%	0.0%			

15th Percentile : 41 MPH  
 50th Percentile : 47 MPH  
 85th Percentile : 52 MPH  
 95th Percentile : 56 MPH

Stats  
 10 MPH Pace Speed : 43-52 MPH  
 Number in Pace : 19357  
 Percent in Pace : 65.1%  
 Number of Vehicles > 55 MPH : 1636  
 Percent of Vehicles > 55 MPH : 5.5%  
 Mean Speed(Average) : 48 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	32	3	0	2	1	0	0	0	0	0	0	0	38
01:00	1	13	4	0	1	1	0	0	2	0	0	0	0	22
02:00	0	9	3	0	0	0	0	0	1	0	0	0	0	13
03:00	0	9	3	1	3	0	0	1	1	0	0	0	0	18
04:00	0	16	9	1	3	0	0	1	0	0	0	0	0	30
05:00	0	49	16	0	3	2	0	1	2	0	0	0	0	73
06:00	2	157	47	11	17	2	0	3	3	0	0	0	0	242
07:00	0	<b>348</b>	65	6	24	2	1	3	3	0	0	0	0	<b>452</b>
08:00	1	299	<b>99</b>	<b>14</b>	<b>27</b>	1	0	0	2	0	0	0	0	443
09:00	1	260	77	4	23	2	0	<b>5</b>	<b>5</b>	0	0	0	0	377
10:00	1	258	83	6	18	1	0	3	3	0	0	0	0	373
11:00	2	312	80	6	14	2	1	4	4	0	0	0	0	425
12 PM	1	318	99	5	25	1	0	3	1	0	0	0	0	453
13:00	3	364	97	3	27	<b>6</b>	0	2	<b>4</b>	0	0	0	0	506
14:00	3	403	103	3	24	1	0	<b>4</b>	4	0	0	0	0	545
15:00	3	553	<b>161</b>	<b>17</b>	30	4	0	4	1	0	0	0	0	773
16:00	2	667	143	3	<b>34</b>	2	0	2	4	0	0	0	0	857
17:00	1	<b>696</b>	128	5	27	0	0	4	3	<b>1</b>	0	0	0	<b>865</b>
18:00	<b>4</b>	516	95	0	15	4	0	2	4	0	0	0	0	640
19:00	4	474	88	3	10	0	0	1	0	0	0	0	0	580
20:00	0	365	75	0	10	0	0	1	2	0	0	0	0	453
21:00	1	209	34	0	5	0	0	0	1	0	0	0	0	250
22:00	0	97	19	0	4	2	0	0	1	0	0	0	0	123
23:00	1	70	10	0	1	1	0	0	3	0	0	0	0	86
Day Total	31	6494	1541	88	347	35	2	44	54	1	0	0	0	8637
Percent	0.4%	75.2%	17.8%	1.0%	4.0%	0.4%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	08:00	08:00	08:00	05:00	07:00	09:00	09:00					07:00
Vol.	2	348	99	14	27	2	1	5	5					452
PM Peak	18:00	17:00	15:00	15:00	16:00	13:00		14:00	13:00	17:00				17:00
Vol.	4	696	161	17	34	6		4	4	1				865

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	34	8	0	0	0	0	0	2	0	0	0	0	44
01:00	1	28	5	0	0	2	0	0	0	0	0	0	0	36
02:00	0	11	1	0	1	1	0	0	2	0	0	0	0	16
03:00	0	5	3	1	2	0	0	0	2	0	0	0	0	13
04:00	1	24	10	1	4	2	0	1	4	0	0	0	0	47
05:00	0	42	10	1	3	0	0	1	2	0	0	0	0	59
06:00	2	145	47	9	16	4	0	3	2	0	0	0	0	228
07:00	0	352	69	6	17	2	0	0	3	0	0	0	0	449
08:00	1	270	86	<b>12</b>	<b>25</b>	1	0	4	<b>5</b>	0	0	0	0	404
09:00	2	291	<b>102</b>	6	18	<b>6</b>	1	1	4	0	0	0	0	431
10:00	<b>4</b>	296	80	10	22	3	1	<b>5</b>	3	0	0	0	0	424
11:00	4	<b>404</b>	89	3	19	1	<b>2</b>	1	2	0	0	0	0	<b>525</b>
12 PM	1	376	97	5	17	1	<b>2</b>	2	<b>7</b>	0	0	0	0	508
13:00	0	384	115	2	23	<b>3</b>	1	<b>8</b>	4	0	0	0	0	540
14:00	4	473	120	3	27	3	0	7	4	0	0	0	0	641
15:00	3	632	<b>159</b>	<b>18</b>	<b>37</b>	0	1	6	3	0	0	0	0	859
16:00	<b>5</b>	<b>694</b>	126	4	31	1	0	1	6	0	0	0	0	<b>868</b>
17:00	4	676	111	3	22	2	0	2	6	0	0	0	0	826
18:00	1	476	95	1	23	1	0	1	5	0	0	0	0	603
19:00	1	343	54	3	14	0	0	1	2	0	0	0	0	418
20:00	0	308	48	0	12	0	0	1	4	0	0	0	0	373
21:00	0	314	63	0	6	0	0	0	1	0	0	0	0	384
22:00	0	212	28	3	3	0	0	1	1	0	0	0	0	248
23:00	2	103	17	0	5	0	0	1	3	0	<b>1</b>	<b>1</b>	0	133
Day Total	36	6893	1543	91	347	33	8	47	77	0	1	1	0	9077
Percent	0.4%	75.9%	17.0%	1.0%	3.8%	0.4%	0.1%	0.5%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	09:00	08:00	08:00	09:00	11:00	10:00	08:00					11:00
Vol.	4	404	102	12	25	6	2	5	5					525
PM Peak	16:00	16:00	15:00	15:00	15:00	13:00	12:00	13:00	12:00		23:00	23:00		16:00
Vol.	5	694	159	18	37	3	2	8	7		1	1		868

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	2	53	8	0	0	0	0	0	0	0	0	0	0	63
01:00	0	23	3	0	1	0	0	0	0	0	0	0	0	27
02:00	0	11	5	1	2	0	0	0	0	0	0	0	0	19
03:00	1	13	2	0	2	0	0	0	0	0	0	0	0	18
04:00	0	13	5	0	0	0	0	0	<b>4</b>	0	0	0	0	22
05:00	0	37	10	1	3	0	0	0	1	0	0	0	0	52
06:00	0	62	22	0	5	0	0	0	1	0	0	0	0	90
07:00	1	132	36	0	5	0	<b>1</b>	0	0	0	0	0	0	175
08:00	0	212	45	0	<b>15</b>	0	0	<b>7</b>	0	0	0	0	0	279
09:00	2	290	80	1	12	0	0	1	3	0	0	0	0	389
10:00	<b>3</b>	339	84	2	14	0	0	0	2	0	0	0	0	444
11:00	2	<b>406</b>	<b>91</b>	<b>3</b>	14	<b>2</b>	0	1	1	0	0	0	0	<b>520</b>
12 PM	1	480	96	1	19	<b>1</b>	0	0	1	0	0	0	0	599
13:00	0	449	91	1	13	0	0	0	<b>2</b>	0	0	0	0	556
14:00	0	487	104	<b>2</b>	13	1	0	2	1	0	0	0	0	610
15:00	<b>3</b>	488	83	0	14	0	0	2	0	0	0	0	0	590
16:00	0	458	108	1	14	1	0	3	1	0	0	0	0	586
17:00	0	486	80	2	5	0	0	0	2	0	<b>1</b>	0	0	576
18:00	1	<b>491</b>	<b>117</b>	1	17	0	0	<b>4</b>	1	0	0	0	0	<b>632</b>
19:00	0	449	93	0	<b>20</b>	0	0	3	0	0	0	0	0	565
20:00	0	330	94	2	7	1	0	0	1	0	0	0	0	435
21:00	0	408	84	0	11	1	0	0	1	0	0	0	0	505
22:00	0	171	25	0	4	1	0	1	0	0	0	0	0	202
23:00	0	100	12	0	3	0	0	0	0	0	0	0	0	115
Day Total	16	6388	1378	18	213	8	1	24	22	0	1	0	0	8069
Percent	0.2%	79.2%	17.1%	0.2%	2.6%	0.1%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	11:00	08:00	11:00	07:00	08:00	04:00					11:00
Vol.	3	406	91	3	15	2	1	7	4					520
PM Peak	15:00	18:00	18:00	14:00	19:00	12:00		18:00	13:00		17:00			18:00
Vol.	3	491	117	2	20	1		4	2		1			632



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	45	7	0	0	0	0	0	1	0	0	0	0	53
01:00	0	20	3	0	0	0	0	0	0	0	0	0	0	23
02:00	0	14	1	0	0	0	0	0	1	0	0	0	0	16
03:00	0	11	1	0	0	0	0	0	0	0	0	0	0	12
04:00	0	10	1	0	0	0	0	0	1	0	0	0	0	12
05:00	1	22	6	0	1	1	0	0	0	1	0	0	0	32
06:00	0	41	12	0	0	0	0	0	0	0	0	0	0	53
07:00	0	88	19	0	4	0	0	0	1	0	0	0	0	112
08:00	1	175	37	0	3	0	0	0	1	0	0	0	0	217
09:00	0	209	39	0	12	0	0	0	0	0	0	0	0	260
10:00	1	310	66	2	11	1	0	4	2	0	0	0	0	397
11:00	0	<b>342</b>	<b>81</b>	1	<b>18</b>	0	0	1	0	0	0	0	0	<b>443</b>
12 PM	4	429	84	0	13	0	0	1	3	0	0	0	0	534
13:00	1	420	77	1	12	0	0	4	0	0	0	0	0	515
14:00	3	382	84	1	12	1	0	1	1	0	0	0	0	485
15:00	6	<b>506</b>	77	0	12	0	0	1	1	0	0	0	0	<b>603</b>
16:00	1	478	94	1	15	1	0	1	0	0	0	0	0	591
17:00	0	389	96	0	14	0	0	2	1	0	0	0	0	502
18:00	0	452	<b>109</b>	0	14	0	0	1	3	0	0	0	0	579
19:00	4	292	59	1	11	0	0	0	0	0	0	0	0	367
20:00	1	204	45	0	4	1	0	0	1	0	0	0	0	256
21:00	0	126	10	0	1	1	0	0	1	0	0	0	0	139
22:00	1	67	6	0	5	1	0	0	0	0	0	0	0	80
23:00	1	45	3	1	1	0	0	0	1	0	0	0	0	52
Day Total	25	5077	1017	8	163	7	0	16	19	1	0	0	0	6333
Percent	0.4%	80.2%	16.1%	0.1%	2.6%	0.1%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	05:00	11:00	11:00	10:00	11:00	05:00		10:00	10:00	05:00				11:00
Vol.	1	342	81	2	18	1		4	2	1				443
PM Peak	15:00	15:00	18:00	13:00	16:00	14:00		13:00	12:00					15:00
Vol.	6	506	109	1	15	1		4	3					603

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	23	4	0	0	0	0	0	3	0	0	0	0	30
01:00	0	8	1	0	0	0	0	1	0	0	0	0	0	10
02:00	1	6	0	0	0	0	0	0	1	0	0	0	0	8
03:00	0	10	2	0	2	0	1	0	1	0	0	0	0	16
04:00	0	17	13	0	1	0	0	1	0	0	0	0	0	32
05:00	1	39	19	1	1	1	0	0	2	0	0	0	0	64
06:00	1	143	46	8	10	4	0	1	1	0	0	0	0	214
07:00	0	318	58	8	19	0	0	3	3	0	0	0	0	409
08:00	1	263	66	11	21	3	2	2	3	1	0	0	0	373
09:00	1	217	91	7	24	2	0	1	3	0	0	0	0	346
10:00	1	248	84	6	24	2	0	8	6	0	0	0	0	379
11:00	1	307	104	5	26	1	0	2	5	0	0	0	0	451
12 PM	2	306	80	3	14	0	0	2	7	0	0	0	0	414
13:00	3	300	95	0	21	6	0	8	1	0	0	0	0	434
14:00	3	386	109	2	22	3	0	3	2	0	0	0	0	530
15:00	2	557	168	16	40	4	0	3	3	0	0	0	0	793
16:00	0	663	157	6	28	4	1	3	4	0	0	0	0	866
17:00	3	680	131	5	29	1	0	3	6	0	0	0	0	858
18:00	1	444	76	2	15	0	0	2	3	0	0	0	0	543
19:00	0	396	85	2	21	1	0	1	3	0	0	0	0	509
20:00	0	275	53	0	8	1	0	2	1	0	0	0	0	340
21:00	1	173	31	0	5	1	0	1	2	0	0	0	0	214
22:00	0	75	14	0	3	0	0	1	0	0	0	0	0	93
23:00	1	75	12	0	1	0	0	0	0	0	0	0	0	89
Day Total	23	5929	1499	82	335	34	4	48	60	1	0	0	0	8015
Percent	0.3%	74.0%	18.7%	1.0%	4.2%	0.4%	0.0%	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	02:00	07:00	11:00	08:00	11:00	06:00	08:00	10:00	10:00	08:00				11:00
Vol.	1	318	104	11	26	4	2	8	6	1				451
PM Peak	13:00	17:00	15:00	15:00	15:00	13:00	16:00	13:00	12:00					16:00
Vol.	3	680	168	16	40	6	1	8	7					866

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	0	35	3	0	1	0	0	0	1	0	0	0	0	40
01:00	0	12	3	0	2	0	0	0	2	0	0	0	0	19
02:00	0	11	1	0	1	0	0	0	1	0	0	0	0	14
03:00	1	8	4	0	2	0	0	0	1	0	0	0	0	16
04:00	1	14	7	1	3	0	0	0	0	0	0	0	0	26
05:00	1	40	22	0	4	2	0	2	1	0	0	0	0	72
06:00	1	136	42	11	11	1	<b>2</b>	3	1	0	0	0	0	208
07:00	0	<b>328</b>	<b>80</b>	7	12	0	1	2	3	0	0	0	0	433
08:00	1	245	64	<b>13</b>	21	0	0	<b>9</b>	<b>5</b>	0	0	0	0	358
09:00	<b>2</b>	224	70	5	24	<b>3</b>	2	5	4	0	0	0	0	339
10:00	1	268	70	6	26	3	0	3	3	0	0	0	0	380
11:00	1	319	75	6	<b>27</b>	1	0	4	4	0	0	0	0	<b>437</b>
12 PM	1	346	94	4	26	0	<b>2</b>	5	<b>6</b>	0	0	0	0	484
13:00	<b>5</b>	343	94	2	31	1	0	6	5	0	0	0	0	487
14:00	1	404	117	3	24	<b>4</b>	0	4	3	0	0	0	0	560
15:00	1	561	172	<b>16</b>	44	2	0	0	1	0	0	0	0	797
16:00	2	689	166	2	46	0	0	<b>7</b>	5	0	0	0	0	917
17:00	0	<b>747</b>	<b>208</b>	5	<b>51</b>	2	0	7	4	0	0	0	0	<b>1024</b>
18:00	1	511	152	1	34	1	0	3	4	0	0	0	0	707
19:00	1	376	110	1	23	0	0	2	2	0	0	0	0	515
20:00	0	317	64	0	17	0	0	1	1	0	0	0	0	400
21:00	1	228	43	0	9	0	0	0	4	0	0	0	0	285
22:00	1	118	21	0	2	1	0	1	3	0	0	0	0	147
23:00	0	71	13	0	2	0	0	1	2	0	0	0	0	89
Day Total	23	6351	1695	83	443	21	7	65	66	0	0	0	0	8754
Percent	0.3%	72.5%	19.4%	0.9%	5.1%	0.2%	0.1%	0.7%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	07:00	08:00	11:00	09:00	06:00	08:00	08:00					11:00
Vol.	2	328	80	13	27	3	2	9	5					437
PM Peak	13:00	17:00	17:00	15:00	17:00	14:00	12:00	16:00	12:00					17:00
Vol.	5	747	208	16	51	4	2	7	6					1024

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 classification1  
Count 13  
Red Top and Grandview

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	0	30	6	0	0	0	0	0	5	0	0	0	0	41
01:00	1	18	1	0	0	1	0	0	1	0	0	0	0	22
02:00	0	12	3	1	0	0	0	0	4	0	0	0	0	20
03:00	1	10	3	0	0	0	0	0	0	0	0	0	0	14
04:00	1	13	7	2	4	1	0	1	1	0	0	0	0	30
05:00	1	48	16	0	1	1	0	1	2	0	0	0	0	70
06:00	1	156	41	8	10	4	0	1	1	0	0	0	0	222
07:00	1	310	62	8	18	0	1	5	2	0	0	0	0	407
08:00	0	266	70	7	27	1	1	1	4	0	0	0	0	377
09:00	2	224	71	3	23	1	4	2	3	0	0	0	0	333
10:00	2	227	81	3	19	2	1	9	3	0	0	0	0	347
11:00	0	277	68	2	22	1	0	5	2	0	0	0	0	377
12 PM	0	366	89	4	29	0	2	2	1	0	0	0	0	493
13:00	1	330	117	2	19	1	4	4	3	0	0	0	0	481
14:00	1	378	129	3	29	1	2	7	1	0	0	0	0	551
15:00	2	591	232	16	46	5	1	7	3	0	0	0	0	903
16:00	3	697	247	8	55	4	0	9	5	0	0	0	0	1028
17:00	2	761	264	4	58	1	0	9	3	0	0	0	0	1102
18:00	1	576	217	1	62	2	0	6	2	0	0	0	0	867
19:00	5	441	150	1	30	3	0	1	1	1	0	0	0	633
20:00	1	387	98	0	29	1	0	3	2	0	0	0	0	521
21:00	1	224	50	0	14	0	0	1	0	0	0	0	0	290
22:00	1	108	25	0	2	0	0	0	2	0	0	0	0	138
23:00	0	91	11	0	1	0	0	0	2	0	0	0	0	105
Day Total	28	6541	2058	73	498	30	16	74	53	1	0	0	0	9372
Percent	0.3%	69.8%	22.0%	0.8%	5.3%	0.3%	0.2%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	10:00	06:00	08:00	06:00	09:00	10:00	00:00					07:00
Vol.	2	310	81	8	27	4	4	9	5					407
PM Peak	19:00	17:00	17:00	15:00	18:00	15:00	13:00	16:00	16:00	19:00				17:00
Vol.	5	761	264	16	62	5	4	9	5	1				1102
Grand Total	182	43673	10731	443	2346	168	38	318	351	4	2	1	0	58257
Percent	0.3%	75.0%	18.4%	0.8%	4.0%	0.3%	0.1%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	23	3	1	0	0	0	1	1	0	0	0	0	29
01:00	0	16	3	0	2	0	0	0	1	0	0	0	0	22
02:00	0	10	1	0	0	0	0	0	1	0	0	0	0	12
03:00	0	8	5	1	3	0	0	0	0	0	0	0	0	17
04:00	1	50	14	1	7	0	0	1	1	0	0	0	0	75
05:00	<b>5</b>	152	37	1	14	1	0	1	2	0	0	0	0	213
06:00	3	413	91	5	33	4	0	3	3	0	0	0	0	555
07:00	5	<b>689</b>	<b>136</b>	<b>10</b>	<b>44</b>	<b>6</b>	1	<b>5</b>	3	<b>1</b>	0	0	0	<b>900</b>
08:00	0	477	122	7	39	4	<b>3</b>	4	4	0	0	0	0	660
09:00	2	312	106	4	17	5	0	1	3	0	0	0	0	450
10:00	2	288	84	4	32	0	0	3	<b>5</b>	0	0	0	0	418
11:00	2	323	91	8	22	3	0	3	3	0	0	0	0	455
12 PM	5	309	102	<b>11</b>	27	2	0	2	6	0	0	0	0	464
13:00	2	310	110	7	24	1	0	3	<b>8</b>	0	0	0	0	465
14:00	4	370	117	6	<b>32</b>	1	0	<b>5</b>	2	0	0	0	0	537
15:00	3	401	111	10	25	2	0	5	3	0	0	0	0	560
16:00	5	469	100	6	23	<b>3</b>	0	3	6	0	0	0	0	615
17:00	<b>6</b>	<b>569</b>	<b>147</b>	2	23	1	0	2	1	0	0	0	0	<b>751</b>
18:00	5	465	95	1	24	0	0	3	1	0	0	0	0	594
19:00	4	276	57	0	17	0	0	1	0	0	0	0	0	355
20:00	1	174	48	1	10	0	0	1	0	0	0	0	0	235
21:00	1	164	24	0	8	1	0	0	3	0	0	0	0	201
22:00	1	90	10	0	2	0	0	0	1	0	0	0	0	104
23:00	0	31	12	0	2	1	0	0	1	0	0	0	0	47
Day Total	57	6389	1626	86	430	35	4	47	59	1	0	0	0	8734
Percent	0.7%	73.2%	18.6%	1.0%	4.9%	0.4%	0.0%	0.5%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	05:00	07:00	07:00	07:00	07:00	07:00	08:00	07:00	10:00	07:00				07:00
Vol.	5	689	136	10	44	6	3	5	5	1				900
PM Peak	17:00	17:00	17:00	12:00	14:00	16:00		14:00	13:00					17:00
Vol.	6	569	147	11	32	3		5	8					751

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	23	5	0	2	0	0	1	0	0	0	0	0	31
01:00	0	15	3	0	0	1	0	0	0	0	0	0	0	19
02:00	0	16	0	0	0	0	0	0	1	0	0	0	0	17
03:00	1	12	6	0	2	1	0	0	2	0	0	0	0	24
04:00	0	47	14	1	4	0	0	1	2	0	0	0	0	69
05:00	2	154	40	2	21	2	0	0	4	0	0	0	0	225
06:00	1	359	88	4	33	3	0	2	<b>6</b>	0	0	0	0	496
07:00	<b>6</b>	<b>635</b>	<b>137</b>	9	32	0	0	6	3	0	0	0	0	<b>828</b>
08:00	1	512	136	<b>11</b>	33	2	0	0	4	0	0	0	0	699
09:00	4	359	86	2	<b>34</b>	4	0	3	3	<b>1</b>	0	0	0	496
10:00	1	361	121	2	21	<b>5</b>	0	3	4	0	0	0	0	518
11:00	4	372	85	1	29	3	0	<b>7</b>	3	0	0	0	0	504
12 PM	<b>4</b>	383	112	4	21	<b>6</b>	0	3	5	0	0	0	0	538
13:00	4	355	114	4	26	2	<b>1</b>	4	3	0	0	0	0	513
14:00	4	391	95	9	30	2	0	3	3	0	0	0	0	537
15:00	4	439	117	<b>11</b>	<b>39</b>	3	0	5	<b>7</b>	0	0	0	0	625
16:00	3	513	105	7	23	1	0	11	5	0	0	0	0	668
17:00	4	<b>548</b>	<b>124</b>	3	30	3	0	<b>13</b>	6	0	0	0	0	<b>731</b>
18:00	2	526	123	2	18	0	0	8	2	0	0	0	0	681
19:00	2	348	60	3	23	1	0	0	0	0	0	0	0	437
20:00	1	213	39	0	10	1	0	1	0	0	0	0	0	265
21:00	1	203	45	0	6	0	0	0	1	0	0	0	0	256
22:00	0	104	20	0	4	0	0	0	0	0	0	0	0	128
23:00	0	69	14	0	5	0	0	0	1	0	0	0	0	89
Day Total	49	6957	1689	75	446	40	1	71	65	1	0	0	0	9394
Percent	0.5%	74.1%	18.0%	0.8%	4.7%	0.4%	0.0%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	08:00	09:00	10:00		11:00	06:00	09:00				07:00
Vol.	6	635	137	11	34	5		7	6	1				828
PM Peak	12:00	17:00	17:00	15:00	15:00	12:00	13:00	17:00	15:00					17:00
Vol.	4	548	124	11	39	6	1	13	7					731

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	35	8	1	2	0	0	0	0	0	0	0	0	46
01:00	1	14	1	0	2	0	0	0	1	0	0	0	0	19
02:00	0	17	4	0	2	0	0	0	1	0	0	0	0	24
03:00	1	19	2	1	3	0	0	0	0	0	0	0	0	26
04:00	0	30	7	0	4	0	0	0	0	0	0	0	0	41
05:00	0	65	16	0	8	0	0	1	3	0	0	0	0	93
06:00	1	132	41	1	10	0	1	0	0	0	0	0	0	186
07:00	1	177	50	2	17	0	1	0	1	0	0	0	0	249
08:00	2	345	75	0	9	1	0	5	1	0	0	0	0	438
09:00	1	497	133	2	30	0	0	1	1	0	1	0	0	666
10:00	0	<b>587</b>	<b>155</b>	2	31	3	0	4	0	0	0	0	0	<b>782</b>
11:00	3	531	109	1	32	0	0	0	1	0	0	0	0	677
12 PM	0	484	<b>140</b>	0	21	0	0	2	1	0	0	0	0	<b>648</b>
13:00	0	509	105	2	26	0	0	3	1	0	0	0	0	646
14:00	2	466	97	1	22	1	0	1	1	0	0	0	0	591
15:00	4	456	98	0	25	1	0	2	0	0	0	0	0	586
16:00	0	445	112	0	26	0	0	5	0	0	0	0	0	588
17:00	1	478	120	3	17	0	0	2	0	0	0	0	0	621
18:00	0	<b>516</b>	100	0	19	1	0	2	1	0	0	0	0	639
19:00	1	302	76	2	18	0	0	3	0	0	0	0	0	402
20:00	0	186	62	2	10	0	0	3	0	0	0	0	0	263
21:00	0	157	37	0	8	0	0	1	1	0	0	0	0	204
22:00	0	126	23	0	8	0	0	0	1	0	0	0	0	158
23:00	0	66	9	0	0	0	0	0	1	0	0	0	0	76
Day Total	18	6640	1580	20	350	7	2	35	16	0	1	0	0	8669
Percent	0.2%	76.6%	18.2%	0.2%	4.0%	0.1%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00	10:00	07:00	11:00	10:00	06:00	08:00	05:00		09:00			10:00
Vol.	3	587	155	2	32	3	1	5	3		1			782
PM Peak	15:00	18:00	12:00	17:00	13:00	14:00		16:00	12:00					12:00
Vol.	4	516	140	3	26	1		5	1					648

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	36	13	0	1	1	0	0	1	0	0	0	0	52
01:00	0	25	5	0	2	0	0	1	0	0	0	0	0	33
02:00	0	19	4	0	0	0	0	0	2	0	0	0	0	25
03:00	0	15	5	0	2	0	0	0	0	0	0	0	0	22
04:00	0	25	1	0	3	0	0	0	0	0	0	0	0	29
05:00	0	34	8	1	4	0	0	0	1	0	0	0	0	48
06:00	0	94	20	0	4	1	0	0	2	0	0	0	0	121
07:00	1	140	31	0	7	1	0	0	0	0	0	0	0	180
08:00	2	248	71	1	11	0	0	1	0	0	0	0	0	334
09:00	2	375	86	1	18	2	0	4	3	0	0	0	0	491
10:00	0	<b>487</b>	<b>130</b>	0	<b>30</b>	0	0	1	1	0	0	0	0	<b>649</b>
11:00	1	432	106	1	23	0	0	6	0	0	0	0	0	569
12 PM	6	<b>444</b>	84	1	<b>25</b>	0	0	2	0	0	0	0	0	<b>562</b>
13:00	3	420	95	1	18	0	0	3	0	0	0	0	0	540
14:00	7	401	81	0	19	0	0	2	0	0	0	0	0	510
15:00	6	391	85	1	18	0	0	2	0	0	0	0	0	503
16:00	5	401	<b>102</b>	1	15	0	0	3	3	0	0	0	0	530
17:00	6	351	81	0	13	0	0	1	0	0	0	0	0	452
18:00	2	328	89	2	15	0	0	0	3	0	0	0	0	439
19:00	4	227	66	1	9	0	0	0	1	0	0	0	0	308
20:00	0	165	40	0	10	0	0	2	0	0	0	0	0	217
21:00	1	84	21	1	4	0	0	0	1	0	0	0	0	112
22:00	1	77	12	1	3	0	0	0	2	0	0	0	0	96
23:00	0	24	2	0	2	0	0	0	0	0	0	0	0	28
Day Total	47	5243	1238	13	256	5	0	28	20	0	0	0	0	6850
Percent	0.7%	76.5%	18.1%	0.2%	3.7%	0.1%	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	10:00	10:00	05:00	10:00	09:00		11:00	09:00					10:00
Vol.	2	487	130	1	30	2		6	3					649
PM Peak	14:00	12:00	16:00	18:00	12:00			13:00	16:00					12:00
Vol.	7	444	102	2	25			3	3					562



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	11	5	0	1	2	0	0	0	0	0	0	0	19
01:00	0	11	0	0	0	1	0	0	1	0	0	0	0	13
02:00	0	7	2	0	1	0	0	0	1	0	0	0	0	11
03:00	0	15	3	2	1	0	0	0	2	0	0	0	0	23
04:00	0	47	12	1	8	0	0	0	0	0	0	0	0	68
05:00	1	149	40	1	14	0	0	0	4	0	0	0	0	209
06:00	0	363	90	5	31	4	0	6	2	1	0	0	0	502
07:00	4	628	109	11	39	2	2	2	4	0	0	0	0	801
08:00	0	481	148	9	35	2	0	1	3	0	0	0	0	679
09:00	1	308	105	7	38	5	1	8	3	0	0	0	0	476
10:00	1	285	97	1	45	2	2	3	6	1	0	0	0	443
11:00	2	281	89	9	31	3	0	3	5	0	0	0	0	423
12 PM	1	301	111	5	19	4	1	5	5	0	0	0	0	452
13:00	2	303	101	8	25	5	0	6	3	0	0	0	0	453
14:00	2	364	112	5	30	1	0	14	2	0	0	0	0	530
15:00	2	364	107	7	34	1	0	12	3	1	0	0	0	531
16:00	1	467	112	7	37	2	0	21	2	0	0	1	0	650
17:00	3	529	102	0	25	2	1	13	1	0	0	0	0	676
18:00	2	413	96	2	23	1	0	5	0	0	0	0	0	542
19:00	0	252	68	3	19	0	0	8	2	1	0	0	0	353
20:00	0	160	33	1	15	0	0	3	1	0	0	0	0	213
21:00	1	105	18	0	4	0	0	2	2	0	0	0	0	132
22:00	1	74	12	0	1	0	0	1	3	0	0	0	0	92
23:00	0	36	6	0	1	0	0	1	2	0	0	0	0	46
Day Total	24	5954	1578	84	477	37	7	114	57	4	0	1	0	8337
Percent	0.3%	71.4%	18.9%	1.0%	5.7%	0.4%	0.1%	1.4%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	08:00	07:00	10:00	09:00	07:00	09:00	10:00	06:00				07:00
Vol.	4	628	148	11	45	5	2	8	6	1				801
PM Peak	17:00	17:00	14:00	13:00	16:00	13:00	12:00	16:00	12:00	15:00		16:00		17:00
Vol.	3	529	112	8	37	5	1	21	5	1		1		676

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	0	22	4	0	2	0	0	1	3	0	0	0	0	32
01:00	0	9	1	1	1	0	0	0	1	0	0	0	0	13
02:00	1	7	3	0	0	1	0	1	2	0	0	0	0	15
03:00	0	19	4	0	2	0	0	1	2	0	0	0	0	28
04:00	0	51	19	1	7	0	0	1	2	0	0	0	0	81
05:00	5	153	46	1	22	0	0	6	1	0	0	0	0	234
06:00	3	405	103	2	41	6	0	14	<b>5</b>	0	0	0	0	579
07:00	<b>8</b>	<b>712</b>	159	<b>14</b>	53	6	0	38	3	0	<b>1</b>	0	0	<b>994</b>
08:00	3	541	<b>178</b>	8	41	4	0	<b>42</b>	3	<b>1</b>	1	0	<b>1</b>	823
09:00	1	336	143	6	<b>62</b>	<b>7</b>	0	26	5	0	0	0	0	586
10:00	3	324	143	6	51	1	0	31	2	0	0	0	0	561
11:00	3	336	142	4	47	1	0	24	3	0	0	0	0	560
12 PM	<b>6</b>	330	142	3	<b>65</b>	<b>3</b>	0	14	2	0	0	0	0	565
13:00	1	323	136	4	45	2	<b>1</b>	20	5	0	0	0	0	537
14:00	1	369	<b>157</b>	5	38	2	0	<b>21</b>	2	0	0	0	<b>1</b>	596
15:00	2	406	129	<b>13</b>	33	0	0	7	2	0	0	0	0	592
16:00	2	469	138	4	35	0	1	16	4	0	0	0	0	669
17:00	2	<b>501</b>	127	5	31	1	0	4	<b>6</b>	0	0	0	0	<b>677</b>
18:00	2	414	110	1	32	1	0	10	1	0	0	0	0	571
19:00	2	284	78	2	22	0	0	2	1	0	0	0	0	391
20:00	1	208	56	1	18	1	0	1	0	0	0	0	0	286
21:00	0	137	29	1	4	1	0	1	1	0	0	0	0	174
22:00	0	83	11	0	4	0	0	2	0	0	0	0	0	100
23:00	1	35	8	1	2	1	0	0	3	0	0	0	0	51
Day Total	47	6474	2066	83	658	38	2	283	59	1	2	0	2	9715
Percent	0.5%	66.6%	21.3%	0.9%	6.8%	0.4%	0.0%	2.9%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	08:00	07:00	09:00	09:00		08:00	06:00	08:00	07:00		08:00	07:00
Vol.	8	712	178	14	62	7		42	5	1	1		1	994
PM Peak	12:00	17:00	14:00	15:00	12:00	12:00	13:00	14:00	17:00				14:00	17:00
Vol.	6	501	157	13	65	3	1	21	6				1	677

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 classification1  
Count 13  
Red Top and Grandview

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	0	19	5	0	3	0	0	1	1	0	0	0	0	29
01:00	0	11	5	0	4	0	0	0	1	0	0	0	0	21
02:00	2	7	0	0	0	2	0	0	2	0	0	0	0	13
03:00	0	12	8	1	1	0	0	0	2	0	0	0	0	24
04:00	0	50	16	0	4	1	0	1	0	0	0	0	0	72
05:00	3	172	55	1	24	0	0	2	1	0	0	0	0	258
06:00	<b>5</b>	441	157	3	51	<b>8</b>	0	6	3	0	0	0	0	674
07:00	5	<b>629</b>	232	<b>9</b>	101	7	0	15	1	<b>1</b>	<b>1</b>	0	0	<b>1001</b>
08:00	4	595	<b>245</b>	7	<b>107</b>	2	0	<b>16</b>	1	1	1	0	0	979
09:00	0	378	151	1	46	1	0	8	<b>6</b>	0	0	0	0	591
10:00	0	275	111	5	26	3	0	8	2	1	0	0	0	431
11:00	2	292	106	3	38	3	0	7	2	0	0	0	0	453
12 PM	1	315	109	6	<b>36</b>	2	0	6	7	0	0	0	0	482
13:00	3	287	110	7	31	<b>3</b>	<b>2</b>	6	<b>8</b>	0	0	0	0	457
14:00	4	349	134	1	35	2	0	9	2	0	0	0	0	536
15:00	1	397	133	<b>12</b>	27	1	0	<b>14</b>	1	0	<b>1</b>	0	0	587
16:00	4	414	<b>137</b>	5	29	0	0	7	2	0	0	0	0	598
17:00	3	<b>513</b>	114	2	24	0	0	5	3	0	0	0	0	<b>664</b>
18:00	4	411	97	2	26	1	0	0	2	0	0	0	0	543
19:00	<b>7</b>	281	78	5	23	0	0	2	2	0	0	0	0	398
20:00	1	156	54	3	16	1	0	1	1	0	0	0	0	233
21:00	1	121	26	0	9	0	0	1	3	0	0	0	0	161
22:00	1	87	15	0	6	1	0	2	2	0	0	0	0	114
23:00	1	29	2	0	0	1	0	1	2	0	0	0	0	36
Day Total	52	6241	2100	73	667	39	2	118	57	3	3	0	0	9355
Percent	0.6%	66.7%	22.4%	0.8%	7.1%	0.4%	0.0%	1.3%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	08:00	07:00	08:00	06:00		08:00	09:00	07:00	07:00			07:00
Vol.	5	629	245	9	107	8		16	6	1	1			1001
PM Peak	19:00	17:00	16:00	15:00	12:00	13:00	13:00	15:00	13:00		15:00			17:00
Vol.	7	513	137	12	36	3	2	14	8		1			664
Grand Total	294	43898	11877	434	3284	201	18	696	333	10	6	1	2	61054
Percent	0.5%	71.9%	19.5%	0.7%	5.4%	0.3%	0.0%	1.1%	0.5%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/28/17	0	0	0	1	0	8	11	10	7	0	1	0	0	0	38	41-50	20
01:00	0	0	0	0	2	3	8	5	4	0	0	0	0	0	22	41-50	12
02:00	0	0	0	0	1	1	4	5	1	0	1	0	0	0	13	42-51	8
03:00	0	0	0	0	0	2	8	3	5	0	0	0	0	0	18	39-48	11
04:00	0	0	0	0	1	8	8	10	3	0	0	0	0	0	30	41-50	17
05:00	0	0	0	0	1	12	25	30	3	2	0	0	0	0	73	41-50	50
06:00	2	0	0	1	16	75	91	46	10	1	0	0	0	0	242	37-46	155
07:00	4	0	1	8	39	120	185	84	9	2	0	0	0	0	452	38-47	289
08:00	2	0	1	3	42	117	189	80	7	2	0	0	0	0	443	38-47	290
09:00	3	0	0	5	19	133	171	42	4	0	0	0	0	0	377	37-46	274
10:00	1	0	0	2	31	140	151	43	5	0	0	0	0	0	373	36-45	264
11:00	1	0	1	5	22	129	202	58	7	0	0	0	0	0	425	37-46	306
12 PM	0	0	2	1	34	151	203	58	4	0	0	0	0	0	453	37-46	325
13:00	1	0	0	4	43	200	208	48	2	0	0	0	0	0	506	36-45	369
14:00	1	0	0	6	53	215	200	63	6	1	0	0	0	0	545	36-45	379
15:00	3	0	2	15	94	307	287	61	3	1	0	0	0	0	773	36-45	540
16:00	3	0	1	9	67	362	336	75	2	2	0	0	0	0	857	36-45	630
17:00	3	0	1	10	105	309	326	102	9	0	0	0	0	0	865	36-45	582
18:00	4	0	0	9	60	229	265	68	5	0	0	0	0	0	640	36-45	448
19:00	1	0	1	6	55	178	257	74	8	0	0	0	0	0	580	37-46	401
20:00	2	0	0	2	30	140	215	58	6	0	0	0	0	0	453	37-46	327
21:00	0	0	0	5	15	57	104	57	11	0	1	0	0	0	250	38-47	161
22:00	1	0	0	1	8	21	52	34	5	0	1	0	0	0	123	40-49	80
23:00	0	0	0	0	5	10	32	22	15	2	0	0	0	0	86	41-50	51
<b>Total</b>	<b>32</b>	<b>0</b>	<b>10</b>	<b>93</b>	<b>743</b>	<b>2927</b>	<b>3538</b>	<b>1136</b>	<b>141</b>	<b>13</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8637</b>		
Percent	0.4%	0.0%	0.1%	1.1%	8.6%	33.9%	41.0%	13.2%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00		07:00	07:00	08:00	10:00	11:00	07:00	06:00	05:00	00:00				07:00		
Vol.	4		1	8	42	140	202	84	10	2	1				452		
PM Peak	18:00		12:00	15:00	17:00	16:00	16:00	17:00	23:00	16:00	21:00				17:00		
Vol.	4		2	15	105	362	336	102	15	2	1				865		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/29/17	0	0	0	1	1	8	13	16	4	0	1	0	0	0	44	40-49	27
01:00	0	0	0	0	1	4	14	13	4	0	0	0	0	0	36	41-50	25
02:00	0	0	0	0	2	3	7	2	0	2	0	0	0	0	16	37-46	10
03:00	0	0	0	0	1	2	6	3	1	0	0	0	0	0	13	39-48	9
04:00	0	0	0	0	1	4	20	14	6	2	0	0	0	0	47	41-50	31
05:00	0	0	0	0	0	7	29	17	4	2	0	0	0	0	59	40-49	43
06:00	0	0	0	2	9	63	94	50	9	1	0	0	0	0	228	38-47	152
07:00	2	1	0	2	15	111	210	94	14	0	0	0	0	0	449	38-47	313
08:00	0	0	0	3	14	102	201	72	12	0	0	0	0	0	404	38-47	291
09:00	4	0	1	4	34	115	205	62	6	0	0	0	0	0	431	37-46	298
10:00	1	1	0	6	23	122	190	68	11	2	0	0	0	0	424	37-46	291
11:00	2	0	0	6	37	179	226	63	11	0	0	0	1	0	525	37-46	369
12 PM	0	0	0	5	41	175	216	65	6	0	0	0	0	0	508	37-46	358
13:00	0	0	0	3	31	177	251	72	6	0	0	0	0	0	540	37-46	394
14:00	5	1	0	10	74	263	221	59	8	0	0	0	0	0	641	36-45	439
15:00	4	0	2	12	128	375	288	47	1	1	1	0	0	0	859	35-44	609
16:00	7	0	0	23	103	316	344	72	3	0	0	0	0	0	868	36-45	598
17:00	1	0	2	28	78	284	324	101	7	1	0	0	0	0	826	36-45	556
18:00	2	0	1	13	72	226	218	67	4	0	0	0	0	0	603	36-45	406
19:00	1	0	1	5	48	162	154	41	5	1	0	0	0	0	418	36-45	288
20:00	1	0	0	7	27	115	160	57	3	3	0	0	0	0	373	37-46	255
21:00	1	0	4	15	38	118	160	42	6	0	0	0	0	0	384	37-46	254
22:00	0	0	1	5	17	62	96	53	12	2	0	0	0	0	248	38-47	154
23:00	1	0	0	0	4	26	57	39	5	1	0	0	0	0	133	40-49	90
Total	32	3	12	150	799	3019	3704	1189	148	18	2	0	1	0	9077		
Percent	0.4%	0.0%	0.1%	1.7%	8.8%	33.3%	40.8%	13.1%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	07:00	09:00	10:00	11:00	11:00	11:00	07:00	07:00	02:00	11:00				11:00		
Vol.	4	1	1	6	37	179	226	94	14	2	1		1		525		
PM Peak	16:00	14:00	21:00	17:00	15:00	15:00	16:00	17:00	22:00	20:00	15:00				16:00		
Vol.	7	1	4	28	128	375	344	101	12	3	1				868		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/30/17	0	0	0	1	2	8	24	21	7	0	0	0	0	0	63	41-50	41
01:00	0	0	0	0	0	4	10	8	4	1	0	0	0	0	27	40-49	17
02:00	0	0	0	0	1	3	5	4	5	1	0	0	0	0	19	44-53	9
03:00	0	0	0	0	2	0	6	5	4	1	0	0	0	0	18	43-52	10
04:00	0	0	0	2	2	2	9	5	1	1	0	0	0	0	22	39-48	13
05:00	0	0	0	0	1	15	16	16	4	0	0	0	0	0	52	39-48	32
06:00	0	0	0	0	1	17	34	31	5	1	1	0	0	0	90	40-49	60
07:00	<b>6</b>	<b>2</b>	<b>2</b>	1	4	41	70	33	<b>14</b>	1	0	0	<b>1</b>	0	175	38-47	105
08:00	1	0	0	2	9	61	129	<b>64</b>	11	<b>2</b>	0	0	0	0	279	39-48	191
09:00	0	0	0	4	38	120	158	62	6	1	0	0	0	0	389	37-46	259
10:00	0	0	0	6	21	154	<b>201</b>	57	4	1	0	0	0	0	444	37-46	325
11:00	0	0	0	<b>15</b>	<b>61</b>	<b>187</b>	195	55	7	0	0	0	0	0	<b>520</b>	36-45	350
12 PM	0	0	1	14	43	219	255	65	2	0	0	0	0	0	599	36-45	430
13:00	0	0	0	0	48	197	249	54	8	0	0	0	0	0	556	36-45	405
14:00	1	0	1	2	48	<b>253</b>	254	49	2	0	0	0	0	0	610	36-45	457
15:00	2	0	1	7	<b>60</b>	198	253	62	7	0	0	0	0	0	590	36-45	410
16:00	<b>3</b>	0	0	7	49	210	243	69	4	1	0	0	0	0	586	36-45	411
17:00	0	0	0	4	32	161	<b>311</b>	62	5	1	0	0	0	0	576	37-46	437
18:00	0	0	0	5	46	242	257	<b>77</b>	3	<b>2</b>	0	0	0	0	<b>632</b>	36-45	454
19:00	0	0	0	<b>17</b>	60	223	215	47	3	0	0	0	0	0	565	36-45	398
20:00	0	0	0	4	47	148	180	49	7	0	0	0	0	0	435	36-45	300
21:00	1	0	<b>2</b>	5	20	183	214	74	6	0	0	0	0	0	505	37-46	363
22:00	1	0	0	0	5	34	112	39	<b>11</b>	0	0	0	0	0	202	39-48	148
23:00	0	0	0	0	1	13	53	41	5	2	0	0	0	0	115	40-49	85
<b>Total</b>	<b>15</b>	<b>2</b>	<b>7</b>	<b>96</b>	<b>601</b>	<b>2693</b>	<b>3453</b>	<b>1049</b>	<b>135</b>	<b>16</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>8069</b>		
<b>Percent</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>1.2%</b>	<b>7.4%</b>	<b>33.4%</b>	<b>42.8%</b>	<b>13.0%</b>	<b>1.7%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	07:00	07:00	07:00	11:00	11:00	11:00	10:00	08:00	07:00	08:00	06:00	10:00	07:00		11:00		
Vol.	6	2	2	15	61	187	201	64	14	2	1		1		520		
PM Peak	16:00		21:00	19:00	15:00	14:00	17:00	18:00	22:00	18:00					18:00		
Vol.	3		2	17	60	253	311	77	11	2					632		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	1	12	18	17	5	0	0	0	0	0	0	53	40-49	33
01:00	0	0	0	0	0	4	6	11	2	0	0	0	0	0	0	23	41-50	16
02:00	0	0	0	0	0	4	5	4	2	0	1	0	0	0	0	16	37-46	9
03:00	0	0	0	1	0	1	4	4	1	0	1	0	0	0	0	12	42-51	7
04:00	0	0	0	0	0	2	4	5	0	1	0	0	0	0	0	12	41-50	8
05:00	0	0	0	0	2	8	11	8	2	1	0	0	0	0	0	32	39-48	19
06:00	0	0	0	0	0	9	18	17	8	0	1	0	0	0	0	53	40-49	33
07:00	0	0	0	0	2	19	46	33	11	1	0	0	0	0	0	112	40-49	74
08:00	1	0	0	0	11	35	114	48	8	0	0	0	0	0	0	217	39-48	156
09:00	0	0	0	1	7	70	123	47	12	0	0	0	0	0	0	260	38-47	184
10:00	2	0	1	1	16	115	188	61	10	2	1	0	0	0	0	397	37-46	282
11:00	1	0	0	10	39	157	166	65	5	0	0	0	0	0	0	443	36-45	296
12 PM	1	0	0	3	39	196	222	70	3	0	0	0	0	0	0	534	36-45	380
13:00	1	0	0	5	28	133	261	79	7	1	0	0	0	0	0	515	38-47	372
14:00	1	0	0	11	34	177	191	61	8	2	0	0	0	0	0	485	36-45	335
15:00	14	3	2	4	32	188	272	80	7	0	0	1	0	0	0	603	37-46	416
16:00	4	0	0	7	55	167	272	76	9	0	1	0	0	0	0	591	37-46	406
17:00	0	0	0	1	15	148	229	97	6	6	0	0	0	0	0	502	38-47	357
18:00	0	0	0	8	37	203	245	77	5	4	0	0	0	0	0	579	37-46	409
19:00	0	0	0	4	15	114	159	67	8	0	0	0	0	0	0	367	37-46	256
20:00	0	0	0	3	20	79	101	49	4	0	0	0	0	0	0	256	37-46	170
21:00	0	0	1	1	3	17	67	41	7	2	0	0	0	0	0	139	40-49	100
22:00	0	0	0	0	2	17	31	25	3	1	1	0	0	0	0	80	39-48	53
23:00	0	0	0	0	1	7	15	19	9	1	0	0	0	0	0	52	42-51	32
Total	25	3	4	60	359	1882	2768	1061	142	22	6	1	0	0	0	6333		
Percent	0.4%	0.0%	0.1%	0.9%	5.7%	29.7%	43.7%	16.8%	2.2%	0.3%	0.1%	0.0%	0.0%	0.0%				
AM Peak	10:00		10:00	11:00	11:00	11:00	10:00	11:00	09:00	10:00	02:00					11:00		
Vol.	2		1	10	39	157	188	65	12	2	1					443		
PM Peak	15:00	15:00	15:00	14:00	16:00	18:00	15:00	17:00	16:00	17:00	16:00	15:00				15:00		
Vol.	14	3	2	11	55	203	272	97	9	6	1	1				603		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	1	10	8	9	1	1	0	0	0	0	30	38-47	18
01:00	0	0	0	0	1	1	4	2	1	1	0	0	0	0	10	39-48	6
02:00	0	0	0	0	0	2	4	0	2	0	0	0	0	0	8	38-47	5
03:00	0	0	0	0	0	2	9	4	1	0	0	0	0	0	16	40-49	12
04:00	0	0	0	0	2	4	16	8	1	1	0	0	0	0	32	40-49	22
05:00	0	0	0	0	1	12	29	16	4	0	2	0	0	0	64	40-49	43
06:00	0	0	0	2	6	45	92	61	7	0	1	0	0	0	214	39-48	147
07:00	0	0	0	3	38	84	164	98	18	3	1	0	0	0	409	39-48	256
08:00	1	0	3	7	20	97	161	75	8	1	0	0	0	0	373	38-47	249
09:00	0	0	0	0	20	103	168	51	3	1	0	0	0	0	346	37-46	253
10:00	2	0	0	5	26	120	160	59	7	0	0	0	0	0	379	37-46	259
11:00	1	0	0	7	34	138	191	77	3	0	0	0	0	0	451	37-46	308
12 PM	0	0	0	3	29	139	187	48	8	0	0	0	0	0	414	37-46	298
13:00	0	0	0	5	27	141	201	55	4	1	0	0	0	0	434	37-46	314
14:00	1	0	0	12	50	169	233	63	2	0	0	0	0	0	530	37-46	369
15:00	5	0	8	11	91	297	312	64	4	1	0	0	0	0	793	36-45	552
16:00	2	0	2	9	84	328	376	63	1	0	1	0	0	0	866	36-45	636
17:00	0	0	0	11	90	273	381	95	7	1	0	0	0	0	858	37-46	600
18:00	0	0	1	14	63	183	208	69	5	0	0	0	0	0	543	36-45	360
19:00	0	0	1	9	49	172	211	61	5	1	0	0	0	0	509	36-45	350
20:00	2	0	1	1	20	74	167	66	8	1	0	0	0	0	340	38-47	237
21:00	0	0	0	8	10	41	80	66	9	0	0	0	0	0	214	40-49	137
22:00	0	0	0	1	3	18	31	32	6	1	1	0	0	0	93	40-49	59
23:00	3	0	0	0	0	12	36	31	6	1	0	0	0	0	89	40-49	60
<b>Total</b>	17	0	16	108	665	2465	3429	1173	121	15	6	0	0	0	8015		
Percent	0.2%	0.0%	0.2%	1.3%	8.3%	30.8%	42.8%	14.6%	1.5%	0.2%	0.1%	0.0%	0.0%	0.0%			
AM Peak	10:00		08:00	08:00	07:00	11:00	11:00	07:00	07:00	07:00	05:00				11:00		
Vol.	2		3	7	38	138	191	98	18	3	2				451		
PM Peak	15:00		15:00	18:00	15:00	16:00	17:00	17:00	21:00	13:00	16:00				16:00		
Vol.	5		8	14	91	328	381	95	9	1	1				866		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/03/17	0	0	0	0	1	7	14	13	4	0	1	0	0	0	0	40	41-50	25
01:00	0	0	0	0	1	2	8	6	1	0	1	0	0	0	0	19	40-49	13
02:00	0	0	0	0	2	2	5	1	4	0	0	0	0	0	0	14	36-45	7
03:00	0	0	0	0	1	3	4	3	3	2	0	0	0	0	0	16	36-45	7
04:00	0	0	0	0	3	3	11	7	1	1	0	0	0	0	0	26	40-49	17
05:00	0	0	0	0	3	10	28	26	4	1	0	0	0	0	0	72	41-50	49
06:00	0	0	1	0	20	52	76	51	8	0	0	0	0	0	0	208	38-47	128
07:00	0	0	0	4	40	149	167	61	11	1	0	0	0	0	0	433	36-45	290
08:00	0	5	2	4	17	110	161	52	6	1	0	0	0	0	0	358	37-46	250
09:00	0	0	0	3	15	115	150	50	6	0	0	0	0	0	0	339	37-46	244
10:00	0	0	0	3	34	123	172	43	5	0	0	0	0	0	0	380	37-46	270
11:00	0	0	0	2	39	167	186	37	5	0	0	1	0	0	0	437	36-45	320
12 PM	1	1	2	14	33	174	199	52	7	1	0	0	0	0	0	484	36-45	338
13:00	3	0	1	6	46	200	181	44	4	2	0	0	0	0	0	487	36-45	344
14:00	2	0	0	3	51	208	234	56	6	0	0	0	0	0	0	560	36-45	401
15:00	5	0	0	17	100	306	310	56	3	0	0	0	0	0	0	797	36-45	558
16:00	1	0	1	15	116	409	310	60	5	0	0	0	0	0	0	917	35-44	658
17:00	2	0	4	16	106	450	369	75	2	0	0	0	0	0	0	1024	36-45	741
18:00	2	0	1	12	117	311	218	42	4	0	0	0	0	0	0	707	35-44	493
19:00	1	0	0	5	61	202	198	38	9	1	0	0	0	0	0	515	36-45	363
20:00	0	0	1	5	54	170	129	34	5	1	0	1	0	0	0	400	35-44	276
21:00	0	0	0	6	27	95	113	37	5	1	1	0	0	0	0	285	36-45	191
22:00	0	0	0	1	10	23	54	50	9	0	0	0	0	0	0	147	40-49	96
23:00	0	0	0	1	3	9	35	31	10	0	0	0	0	0	0	89	41-50	60
Total	17	6	13	117	900	3300	3332	925	127	12	3	2	0	0	0	8754		
Percent	0.2%	0.1%	0.1%	1.3%	10.3%	37.7%	38.1%	10.6%	1.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		08:00	08:00	07:00	07:00	11:00	11:00	07:00	07:00	03:00	00:00	11:00				11:00		
Vol.		5	2	4	40	167	186	61	11	2	1	1				437		
PM Peak	15:00	12:00	17:00	15:00	18:00	17:00	17:00	17:00	23:00	13:00	21:00	20:00				17:00		
Vol.	5	1	4	17	117	450	369	75	10	2	1	1				1024		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39001 speed1  
Count 13  
Red Top and Grandview

Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	0	0	3	14	17	7	0	0	0	0	0	0	41	42-51	29
01:00	0	0	0	0	3	3	7	6	1	2	0	0	0	0	0	22	40-49	12
02:00	0	0	0	0	3	2	10	2	2	1	0	0	0	0	0	20	37-46	12
03:00	0	0	0	0	0	1	6	5	2	0	0	0	0	0	0	14	41-50	10
04:00	0	0	0	0	2	5	9	9	5	0	0	0	0	0	0	30	41-50	17
05:00	0	0	0	0	3	8	23	30	6	0	0	0	0	0	0	70	42-51	48
06:00	0	0	0	2	17	72	85	43	2	1	0	0	0	0	0	222	37-46	147
07:00	0	1	5	26	124	155	77	15	4	0	0	0	0	0	0	407	32-41	262
08:00	0	2	2	3	66	164	108	29	3	0	0	0	0	0	0	377	35-44	256
09:00	0	1	3	4	35	135	109	42	4	0	0	0	0	0	0	333	36-45	224
10:00	0	0	4	3	22	114	156	41	6	1	0	0	0	0	0	347	37-46	247
11:00	0	0	0	1	22	127	177	44	6	0	0	0	0	0	0	377	37-46	278
12 PM	1	0	1	9	33	191	203	47	8	0	0	0	0	0	0	493	36-45	356
13:00	3	0	0	4	45	175	204	47	2	1	0	0	0	0	0	481	36-45	343
14:00	4	1	2	16	69	213	191	51	4	0	0	0	0	0	0	551	36-45	367
15:00	4	0	2	18	128	462	244	41	4	0	0	0	0	0	0	903	35-44	659
16:00	2	0	0	38	209	423	304	50	2	0	0	0	0	0	0	1028	35-44	688
17:00	5	0	0	24	212	545	280	32	4	0	0	0	0	0	0	1102	34-43	795
18:00	0	0	1	18	225	436	161	22	3	1	0	0	0	0	0	867	33-42	635
19:00	0	0	1	12	114	301	187	16	2	0	0	0	0	0	0	633	35-44	459
20:00	0	0	0	17	71	202	175	47	8	1	0	0	0	0	0	521	35-44	346
21:00	0	1	0	4	37	77	125	43	3	0	0	0	0	0	0	290	37-46	190
22:00	0	0	0	1	3	22	59	39	13	1	0	0	0	0	0	138	40-49	92
23:00	0	0	0	1	1	19	40	34	9	0	0	1	0	0	0	105	40-49	69
<b>Total</b>	19	6	21	201	1444	3855	2954	752	110	9	0	1	0	0	0	9372		
<b>Percent</b>	0.2%	0.1%	0.2%	2.1%	15.4%	41.1%	31.5%	8.0%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>		08:00	07:00	07:00	07:00	08:00	11:00	11:00	00:00	01:00								07:00
<b>Vol.</b>		2	5	26	124	164	177	44	7	2								407
<b>PM Peak</b>	17:00	14:00	14:00	16:00	18:00	17:00	16:00	14:00	22:00	13:00		23:00						17:00
<b>Vol.</b>	5	1	2	38	225	545	304	51	13	1		1						1102
<b>Total</b>	157	20	83	825	5511	20141	23178	7285	924	105	22	4	2	0	0	58257		
<b>Percent</b>	0.3%	0.0%	0.1%	1.4%	9.5%	34.6%	39.8%	12.5%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 35 MPH  
50th Percentile : 40 MPH  
85th Percentile : 45 MPH  
95th Percentile : 48 MPH

Stats  
10 MPH Pace Speed : 36-45 MPH  
Number in Pace : 39565  
Percent in Pace : 67.9%  
Number of Vehicles > 55 MPH : 133  
Percent of Vehicles > 55 MPH : 0.2%  
Mean Speed(Average) : 41 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
09/28/17	0	0	0	0	3	1	11	8	3	1	1	0	0	1	29	41-50	17
01:00	0	0	0	0	0	3	5	9	2	3	0	0	0	0	22	42-51	13
02:00	0	0	0	1	0	0	3	4	4	0	0	0	0	0	12	44-53	8
03:00	0	0	0	0	0	0	7	5	4	1	0	0	0	0	17	42-51	11
04:00	0	0	1	1	0	4	21	30	14	1	2	1	0	0	75	43-52	48
05:00	1	0	0	0	2	13	90	72	28	6	1	0	0	0	213	41-50	147
06:00	1	0	1	9	52	135	222	112	19	3	1	0	0	0	555	38-47	347
07:00	<b>64</b>	<b>47</b>	<b>49</b>	<b>59</b>	<b>98</b>	<b>214</b>	<b>285</b>	<b>73</b>	11	0	0	0	0	0	<b>900</b>	<b>36-45</b>	<b>424</b>
08:00	18	7	8	27	37	105	<b>289</b>	<b>148</b>	18	3	0	0	0	0	660	39-48	409
09:00	0	0	0	4	16	82	192	138	17	1	0	0	0	0	450	40-49	310
10:00	3	0	1	1	6	68	183	133	22	1	0	0	0	0	418	40-49	292
11:00	3	0	2	4	15	88	217	113	13	0	0	0	0	0	455	39-48	318
12 PM	0	0	1	3	33	106	198	111	9	3	0	0	0	0	464	39-48	307
13:00	0	2	1	5	5	110	207	117	16	1	1	0	0	0	465	39-48	321
14:00	4	0	2	4	25	142	226	120	13	1	0	0	0	0	537	38-47	357
15:00	4	0	0	4	9	98	<b>312</b>	114	17	2	0	0	0	0	560	39-48	417
16:00	9	4	14	8	27	145	258	<b>139</b>	10	1	0	0	0	0	615	38-47	395
17:00	<b>11</b>	<b>20</b>	<b>28</b>	<b>44</b>	<b>61</b>	<b>169</b>	289	116	12	0	1	0	0	0	<b>751</b>	<b>38-47</b>	<b>426</b>
18:00	2	0	3	7	31	162	277	100	11	1	0	0	0	0	594	38-47	413
19:00	1	0	0	2	16	101	166	64	2	3	0	0	0	0	355	37-46	252
20:00	0	0	0	0	11	58	112	41	12	1	0	0	0	0	235	38-47	163
21:00	1	0	0	2	3	29	85	67	13	1	0	0	0	0	201	40-49	139
22:00	1	0	0	1	7	16	39	30	10	0	0	0	0	0	104	40-49	64
23:00	0	0	0	1	0	8	15	14	6	2	1	0	0	0	47	41-50	27
Total	123	80	111	187	457	1857	3709	1878	286	36	8	1	0	1	8734		
Percent	1.4%	0.9%	1.3%	2.1%	5.2%	21.3%	42.5%	21.5%	3.3%	0.4%	0.1%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00	05:00	05:00	04:00	04:00	04:00	00:00	07:00		
Vol.	64	47	49	59	98	214	289	148	28	6	2	1	1	1	900		
PM Peak	17:00	17:00	17:00	17:00	17:00	17:00	15:00	16:00	15:00	12:00	13:00				17:00		
Vol.	11	20	28	44	61	169	312	139	17	3	1				751		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/29/17	0	0	0	0	0	8	12	8	2	1	0	0	0	0	0	31	39-48	20
01:00	0	0	0	0	1	4	6	6	1	1	0	0	0	0	0	19	41-50	11
02:00	0	0	0	0	0	3	6	3	4	1	0	0	0	0	0	17	37-46	9
03:00	0	0	0	0	0	5	6	7	3	3	0	0	0	0	0	24	42-51	12
04:00	0	0	1	0	0	1	19	31	14	3	0	0	0	0	0	69	42-51	48
05:00	1	0	0	0	2	17	86	93	22	4	0	0	0	0	0	225	41-50	162
06:00	0	2	2	17	37	126	198	94	17	1	2	0	0	0	0	496	38-47	311
07:00	<b>50</b>	<b>46</b>	<b>48</b>	<b>40</b>	<b>80</b>	<b>216</b>	<b>242</b>	<b>85</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>828</b>	<b>36-45</b>	<b>393</b>
08:00	0	2	3	15	29	153	<b>313</b>	<b>157</b>	<b>24</b>	3	0	0	0	0	0	699	39-48	468
09:00	2	0	1	1	9	81	258	125	17	2	0	0	0	0	0	496	39-48	364
10:00	0	0	1	5	24	136	251	82	18	0	1	0	0	0	0	518	38-47	365
11:00	2	0	1	4	15	102	261	108	9	2	0	0	0	0	0	504	39-48	365
12 PM	5	1	5	2	60	159	208	88	9	1	0	0	0	0	0	538	37-46	341
13:00	3	0	0	3	14	140	235	101	16	0	1	0	0	0	0	513	38-47	358
14:00	2	1	2	11	24	145	231	101	<b>19</b>	1	0	0	0	0	0	537	38-47	357
15:00	5	0	6	<b>25</b>	42	166	265	<b>103</b>	12	1	0	0	0	0	0	625	37-46	404
16:00	6	2	7	18	64	194	264	100	13	0	0	0	0	0	0	668	37-46	424
17:00	<b>18</b>	<b>8</b>	15	24	<b>86</b>	<b>226</b>	248	93	13	0	0	0	0	0	0	<b>731</b>	<b>36-45</b>	<b>428</b>
18:00	7	4	<b>16</b>	21	40	193	<b>304</b>	89	6	0	1	0	0	0	0	681	37-46	456
19:00	3	0	0	7	28	135	192	62	9	0	1	0	0	0	0	437	37-46	301
20:00	1	0	0	2	10	44	147	54	7	0	0	0	0	0	0	265	39-48	196
21:00	2	0	1	2	23	56	119	42	10	1	0	0	0	0	0	256	38-47	168
22:00	2	0	0	1	3	19	62	33	6	<b>2</b>	0	0	0	0	0	128	40-49	88
23:00	0	0	0	0	4	20	30	33	2	0	0	0	0	0	0	89	40-49	59
Total	109	66	109	198	595	2349	3963	1698	273	28	6	0	0	0	0	9394		
Percent	1.2%	0.7%	1.2%	2.1%	6.3%	25.0%	42.2%	18.1%	2.9%	0.3%	0.1%	0.0%	0.0%	0.0%				
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00	08:00	05:00	06:00					07:00		
Vol.	50	46	48	40	80	216	313	157	24	4	2					828		
PM Peak	17:00	17:00	18:00	15:00	17:00	17:00	18:00	15:00	14:00	22:00	13:00					17:00		
Vol.	18	8	16	25	86	226	304	103	19	2	1					731		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/30/17	0	0	0	0	3	1	18	16	6	1	0	1	0	0	46	41-50	31
01:00	0	0	0	0	0	2	5	7	2	3	0	0	0	0	19	42-51	11
02:00	0	0	0	0	0	3	9	8	4	0	0	0	0	0	24	40-49	16
03:00	0	0	0	0	0	2	7	12	3	1	0	1	0	0	26	42-51	18
04:00	0	0	1	0	0	2	16	12	4	2	3	1	0	0	41	41-50	25
05:00	0	0	0	0	0	5	23	50	11	3	1	0	0	0	93	43-52	68
06:00	1	0	0	2	5	31	84	43	16	3	1	0	0	0	186	39-48	122
07:00	0	0	1	3	3	27	110	83	21	0	0	1	0	0	249	40-49	176
08:00	2	1	0	7	12	85	184	123	23	1	0	0	0	0	438	40-49	290
09:00	10	6	6	15	46	174	286	106	14	3	0	0	0	0	666	37-46	427
10:00	<b>57</b>	<b>42</b>	<b>34</b>	<b>55</b>	<b>64</b>	<b>184</b>	231	98	16	1	0	0	0	0	<b>782</b>	37-46	357
11:00	0	1	6	18	35	152	<b>301</b>	<b>153</b>	9	2	0	0	0	0	677	39-48	453
12 PM	0	0	3	7	47	151	292	130	18	0	0	0	0	0	<b>648</b>	38-47	435
13:00	<b>5</b>	<b>4</b>	<b>6</b>	8	<b>49</b>	147	269	<b>140</b>	15	<b>3</b>	0	0	0	0	646	38-47	409
14:00	3	1	5	2	26	156	263	119	15	1	0	0	0	0	591	38-47	402
15:00	0	0	1	7	26	126	278	135	12	0	<b>1</b>	0	0	0	586	39-48	409
16:00	0	0	0	9	42	<b>181</b>	234	111	10	1	0	0	0	0	588	37-46	391
17:00	0	0	0	8	30	154	267	140	<b>21</b>	1	0	0	0	0	621	38-47	415
18:00	1	1	2	<b>14</b>	22	176	<b>307</b>	105	10	1	0	0	0	0	639	37-46	454
19:00	1	0	0	4	14	135	182	58	7	0	1	0	0	0	402	37-46	291
20:00	1	0	0	1	7	67	117	57	11	2	0	0	0	0	263	38-47	179
21:00	1	0	0	2	4	39	97	53	6	1	1	0	0	0	204	39-48	144
22:00	0	0	0	0	5	27	64	50	12	0	0	0	0	0	158	40-49	106
23:00	0	0	0	1	0	10	29	23	13	0	0	0	0	0	76	41-50	49
<b>Total</b>	<b>82</b>	<b>56</b>	<b>65</b>	<b>163</b>	<b>440</b>	<b>2037</b>	<b>3673</b>	<b>1832</b>	<b>279</b>	<b>30</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>8669</b>		
<b>Percent</b>	<b>0.9%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>1.9%</b>	<b>5.1%</b>	<b>23.5%</b>	<b>42.4%</b>	<b>21.1%</b>	<b>3.2%</b>	<b>0.3%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	10:00	10:00	10:00	10:00	10:00	10:00	11:00	11:00	08:00	01:00	04:00	00:00			10:00		
Vol.	57	42	34	55	64	184	301	153	23	3	3	1			782		
PM Peak	13:00	13:00	13:00	18:00	13:00	16:00	18:00	13:00	17:00	13:00	15:00				12:00		
Vol.	5	4	6	14	49	181	307	140	21	3	1				648		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	4	7	20	11	10	0	0	0	0	0	52	40-49	30
01:00	1	0	0	0	1	3	12	14	2	0	0	0	0	0	33	41-50	23
02:00	0	0	0	0	0	1	13	6	3	1	1	0	0	0	25	41-50	17
03:00	0	0	0	1	0	0	8	8	3	1	1	0	0	0	22	42-51	14
04:00	0	0	0	0	0	1	11	9	5	1	1	1	0	0	29	42-51	18
05:00	0	0	1	0	0	2	13	21	9	1	0	1	0	0	48	43-52	32
06:00	1	0	0	1	5	8	50	33	19	3	1	0	0	0	121	41-50	76
07:00	1	0	0	3	3	21	51	70	26	5	0	0	0	0	180	42-51	113
08:00	0	0	1	2	5	28	165	114	19	0	0	0	0	0	334	40-49	253
09:00	0	0	0	2	6	75	230	147	30	1	0	0	0	0	491	40-49	352
10:00	3	1	4	17	24	98	307	166	23	5	1	0	0	0	649	39-48	444
11:00	2	0	1	6	31	144	229	130	25	1	0	0	0	0	569	38-47	366
12 PM	2	0	2	13	31	144	248	112	9	1	0	0	0	0	562	38-47	378
13:00	2	0	0	7	34	91	251	133	22	0	0	0	0	0	540	39-48	366
14:00	0	0	0	1	21	140	221	109	14	4	0	0	0	0	510	38-47	349
15:00	6	0	0	3	20	134	244	89	6	1	0	0	0	0	503	38-47	357
16:00	6	1	4	4	19	109	248	127	12	0	0	0	0	0	530	39-48	364
17:00	1	0	0	2	9	65	225	122	26	2	0	0	0	0	452	40-49	325
18:00	5	0	1	4	14	123	191	87	12	1	1	0	0	0	439	38-47	297
19:00	1	0	1	5	11	78	147	58	7	0	0	0	0	0	308	38-47	216
20:00	2	0	0	0	12	65	88	45	4	1	0	0	0	0	217	37-46	144
21:00	0	0	0	0	5	15	52	33	7	0	0	0	0	0	112	40-49	79
22:00	1	0	0	1	1	15	42	22	12	1	1	0	0	0	96	39-48	61
23:00	0	0	0	0	1	5	12	9	1	0	0	0	0	0	28	40-49	20
<b>Total</b>	<b>34</b>	<b>2</b>	<b>15</b>	<b>72</b>	<b>257</b>	<b>1372</b>	<b>3078</b>	<b>1675</b>	<b>306</b>	<b>30</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>6850</b>		
<b>Percent</b>	<b>0.5%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>1.1%</b>	<b>3.8%</b>	<b>20.0%</b>	<b>44.9%</b>	<b>24.5%</b>	<b>4.5%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>	<b>10:00</b>	<b>10:00</b>	<b>10:00</b>	<b>11:00</b>	<b>11:00</b>	<b>10:00</b>	<b>10:00</b>	<b>09:00</b>	<b>07:00</b>	<b>11:00</b>	<b>02:00</b>	<b>04:00</b>		<b>10:00</b>		
<b>Vol.</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>17</b>	<b>31</b>	<b>144</b>	<b>307</b>	<b>166</b>	<b>30</b>	<b>5</b>	<b>1</b>	<b>1</b>		<b>649</b>			
<b>PM Peak</b>	<b>15:00</b>	<b>16:00</b>	<b>16:00</b>	<b>12:00</b>	<b>13:00</b>	<b>12:00</b>	<b>13:00</b>	<b>13:00</b>	<b>17:00</b>	<b>14:00</b>	<b>18:00</b>				<b>12:00</b>		
<b>Vol.</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>13</b>	<b>34</b>	<b>144</b>	<b>251</b>	<b>133</b>	<b>26</b>	<b>4</b>	<b>1</b>			<b>562</b>			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
10/02/17	0	0	0	0	1	4	9	1	4	0	0	0	0	0	19	36-45	12
01:00	0	0	0	0	0	2	6	3	2	0	0	0	0	0	13	39-48	9
02:00	1	0	0	0	0	2	1	5	2	0	0	0	0	0	11	45-54	6
03:00	0	0	0	0	0	1	9	8	5	0	0	0	0	0	23	41-50	16
04:00	1	0	1	1	1	3	23	22	12	3	1	0	0	0	68	42-51	41
05:00	0	0	1	0	10	17	99	55	22	2	3	0	0	0	209	40-49	142
06:00	0	0	1	23	45	129	187	99	16	2	0	0	0	0	502	38-47	304
07:00	15	12	22	34	92	251	281	81	12	1	0	0	0	0	801	36-45	478
08:00	1	2	11	31	46	138	301	126	22	1	0	0	0	0	679	38-47	433
09:00	0	0	0	6	22	125	206	108	7	2	0	0	0	0	476	38-47	324
10:00	1	4	5	13	27	93	201	88	11	0	0	0	0	0	443	38-47	290
11:00	2	0	0	3	15	72	231	90	10	0	0	0	0	0	423	39-48	313
12 PM	0	0	0	7	18	118	210	87	10	2	0	0	0	0	452	38-47	316
13:00	1	0	0	15	12	122	203	87	12	1	0	0	0	0	453	38-47	310
14:00	4	0	0	5	37	186	228	61	9	0	0	0	0	0	530	37-46	374
15:00	3	1	1	10	37	151	231	86	10	1	0	0	0	0	531	37-46	357
16:00	11	1	3	13	47	182	300	84	9	0	0	0	0	0	650	37-46	442
17:00	3	3	8	25	40	183	280	119	12	3	0	0	0	0	676	37-46	436
18:00	3	0	4	22	20	186	235	63	9	0	0	0	0	0	542	37-46	381
19:00	0	0	0	2	25	93	153	72	7	1	0	0	0	0	353	38-47	238
20:00	1	0	1	2	7	63	87	38	9	5	0	0	0	0	213	37-46	140
21:00	0	0	0	2	1	14	61	44	9	1	0	0	0	0	132	40-49	96
22:00	1	0	0	0	0	21	29	34	6	0	1	0	0	0	92	41-50	58
23:00	2	0	0	0	0	8	14	17	3	2	0	0	0	0	46	41-50	28
<b>Total</b>	50	23	58	214	503	2164	3585	1478	230	27	5	0	0	0	8337		
<b>Percent</b>	0.6%	0.3%	0.7%	2.6%	6.0%	26.0%	43.0%	17.7%	2.8%	0.3%	0.1%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00	05:00	04:00	05:00				07:00		
<b>Vol.</b>	15	12	22	34	92	251	301	126	22	3	3				801		
<b>PM Peak</b>	16:00	17:00	17:00	17:00	16:00	14:00	16:00	17:00	13:00	20:00	22:00				17:00		
<b>Vol.</b>	11	3	8	25	47	186	300	119	12	5	1				676		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999				
10/03/17	0	0	0	0	0	5	14	5	6	2	0	0	0	0	0	32	39-48	19
01:00	0	0	0	1	0	0	4	3	3	1	0	1	0	0	0	13	41-50	7
02:00	0	0	0	0	0	0	6	5	2	2	0	0	0	0	0	15	40-49	10
03:00	0	0	0	0	3	0	8	6	7	4	0	0	0	0	0	28	42-51	14
04:00	1	0	1	1	1	3	23	33	13	4	1	0	0	0	0	81	42-51	52
05:00	0	0	0	2	3	25	82	100	19	1	1	1	0	0	0	234	41-50	165
06:00	25	15	14	44	79	140	152	92	13	3	1	1	0	0	0	579	36-45	265
07:00	<b>159</b>	<b>125</b>	<b>144</b>	<b>118</b>	<b>99</b>	181	135	32	1	0	0	0	0	0	0	<b>994</b>	35-44	253
08:00	77	51	53	73	90	181	224	63	10	0	1	0	0	0	0	823	36-45	339
09:00	3	0	1	16	30	<b>195</b>	227	<b>103</b>	9	2	0	0	0	0	0	586	37-46	390
10:00	12	4	2	13	50	155	210	103	12	0	0	0	0	0	0	561	37-46	339
11:00	3	0	9	32	34	150	<b>250</b>	70	12	0	0	0	0	0	0	560	37-46	371
12 PM	2	2	3	13	43	147	243	<b>104</b>	8	0	0	0	0	0	0	565	38-47	371
13:00	0	2	7	13	37	172	217	82	6	0	0	0	1	0	0	537	37-46	360
14:00	6	1	4	9	35	166	<b>292</b>	78	5	0	0	0	0	0	0	596	37-46	423
15:00	7	2	10	12	36	153	278	87	7	0	0	0	0	0	0	592	37-46	401
16:00	6	6	11	<b>21</b>	46	<b>217</b>	273	86	2	1	0	0	0	0	0	669	37-46	444
17:00	<b>17</b>	<b>13</b>	<b>15</b>	16	53	195	268	89	11	0	0	0	0	0	0	<b>677</b>	37-46	417
18:00	1	0	1	21	<b>58</b>	159	238	77	<b>14</b>	<b>2</b>	0	0	0	0	0	571	37-46	370
19:00	0	0	0	4	31	153	141	53	9	0	0	0	0	0	0	391	36-45	269
20:00	1	1	0	15	15	71	108	60	12	1	1	1	0	0	0	286	38-47	174
21:00	1	0	0	2	10	33	82	39	5	2	0	0	0	0	0	174	39-48	118
22:00	0	0	0	0	0	17	42	33	6	1	1	0	0	0	0	100	40-49	70
23:00	0	0	0	1	0	10	24	12	4	0	0	0	0	0	0	51	39-48	35
<b>Total</b>	<b>321</b>	<b>222</b>	<b>275</b>	<b>427</b>	<b>753</b>	<b>2528</b>	<b>3541</b>	<b>1415</b>	<b>196</b>	<b>26</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>0</b>		<b>9715</b>		
<b>Percent</b>	<b>3.3%</b>	<b>2.3%</b>	<b>2.8%</b>	<b>4.4%</b>	<b>7.8%</b>	<b>26.0%</b>	<b>36.4%</b>	<b>14.6%</b>	<b>2.0%</b>	<b>0.3%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>				
AM Peak	07:00	07:00	07:00	07:00	07:00	09:00	11:00	09:00	05:00	03:00	04:00	01:00						07:00
Vol.	159	125	144	118	99	195	250	103	19	4	1	1				994		
PM Peak	17:00	17:00	17:00	16:00	18:00	16:00	14:00	12:00	18:00	18:00	20:00	20:00	13:00					17:00
Vol.	17	13	15	21	58	217	292	104	14	2	1	1	1			677		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39002 speed1  
Count 13  
Red Top and Grandview

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	0	0	3	12	10	4	0	0	0	0	0	0	29	41-50	20
01:00	1	0	0	0	0	1	7	9	1	1	1	0	0	0	0	21	41-50	14
02:00	0	0	0	0	2	3	4	2	2	0	0	0	0	0	0	13	36-45	7
03:00	0	0	0	0	0	0	8	9	4	3	0	0	0	0	0	24	42-51	16
04:00	0	0	1	1	0	3	27	27	10	1	2	0	0	0	0	72	41-50	49
05:00	0	0	0	0	6	13	114	96	25	4	0	0	0	0	0	258	41-50	189
06:00	20	16	19	36	95	182	197	93	16	0	0	0	0	0	0	674	36-45	344
07:00	<b>600</b>	<b>240</b>	<b>85</b>	<b>27</b>	<b>16</b>	<b>20</b>	<b>11</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1001</b>	5-14	599
08:00	484	226	83	40	33	63	45	5	0	0	0	0	0	0	0	979	6-15	521
09:00	5	2	18	29	59	180	236	54	8	0	0	0	0	0	0	591	36-45	376
10:00	6	2	3	4	12	132	168	92	10	2	0	0	0	0	0	431	38-47	280
11:00	5	0	0	4	5	67	241	116	12	3	0	0	0	0	0	453	39-48	334
12 PM	3	1	1	18	36	109	193	102	18	0	0	1	0	0	0	482	38-47	297
13:00	3	2	4	9	36	139	179	79	5	1	0	0	0	0	0	457	37-46	296
14:00	5	2	2	4	15	154	256	85	12	1	0	0	0	0	0	536	37-46	380
15:00	9	4	7	17	52	168	241	76	12	1	0	0	0	0	0	587	37-46	374
16:00	7	6	9	18	35	172	251	96	2	2	0	0	0	0	0	598	37-46	391
17:00	9	11	11	21	71	216	245	64	13	3	0	0	0	0	0	664	36-45	414
18:00	14	3	4	27	40	178	232	40	5	0	0	0	0	0	0	543	36-45	362
19:00	2	0	2	10	58	140	141	42	3	0	0	0	0	0	0	398	36-45	258
20:00	2	0	0	4	13	69	103	38	4	0	0	0	0	0	0	233	37-46	160
21:00	2	0	1	3	13	32	61	41	7	0	1	0	0	0	0	161	39-48	97
22:00	2	0	0	0	2	27	42	33	5	3	0	0	0	0	0	114	39-48	72
23:00	0	0	0	0	2	5	13	10	5	1	0	0	0	0	0	36	41-50	21
<b>Total</b>	<b>1179</b>	<b>515</b>	<b>250</b>	<b>272</b>	<b>601</b>	<b>2076</b>	<b>3027</b>	<b>1220</b>	<b>184</b>	<b>26</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9355</b>		
<b>Percent</b>	<b>12.6%</b>	<b>5.5%</b>	<b>2.7%</b>	<b>2.9%</b>	<b>6.4%</b>	<b>22.2%</b>	<b>32.4%</b>	<b>13.0%</b>	<b>2.0%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>06:00</b>	<b>06:00</b>	<b>11:00</b>	<b>11:00</b>	<b>05:00</b>	<b>05:00</b>	<b>04:00</b>					<b>07:00</b>		
<b>Vol.</b>	<b>600</b>	<b>240</b>	<b>85</b>	<b>40</b>	<b>95</b>	<b>182</b>	<b>241</b>	<b>116</b>	<b>25</b>	<b>4</b>	<b>2</b>					<b>1001</b>		
<b>PM Peak</b>	<b>18:00</b>	<b>17:00</b>	<b>17:00</b>	<b>18:00</b>	<b>17:00</b>	<b>17:00</b>	<b>14:00</b>	<b>12:00</b>	<b>12:00</b>	<b>17:00</b>	<b>21:00</b>	<b>12:00</b>				<b>17:00</b>		
<b>Vol.</b>	<b>14</b>	<b>11</b>	<b>11</b>	<b>27</b>	<b>71</b>	<b>216</b>	<b>256</b>	<b>102</b>	<b>18</b>	<b>3</b>	<b>1</b>	<b>1</b>				<b>664</b>		
<b>Total</b>	<b>1898</b>	<b>964</b>	<b>883</b>	<b>1533</b>	<b>3606</b>	<b>14383</b>	<b>24576</b>	<b>11196</b>	<b>1754</b>	<b>203</b>	<b>44</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>61054</b>		
<b>Percent</b>	<b>3.1%</b>	<b>1.6%</b>	<b>1.4%</b>	<b>2.5%</b>	<b>5.9%</b>	<b>23.6%</b>	<b>40.3%</b>	<b>18.3%</b>	<b>2.9%</b>	<b>0.3%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 33 MPH  
 50th Percentile : 41 MPH  
 85th Percentile : 46 MPH  
 95th Percentile : 49 MPH

Stats  
 10 MPH Pace Speed : 38-47 MPH  
 Number in Pace : 36489  
 Percent in Pace : 59.8%  
 Number of Vehicles > 55 MPH : 261  
 Percent of Vehicles > 55 MPH : 0.4%  
 Mean Speed(Average) : 39 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	1	37	3	0	2	1	0	0	0	0	0	0	0	44
01:00	1	11	3	0	1	1	0	0	2	0	0	0	0	19
02:00	0	9	2	0	0	0	0	0	1	0	0	0	0	12
03:00	1	15	2	1	3	1	0	1	0	0	0	0	0	24
04:00	0	17	9	1	2	0	0	2	0	0	0	0	0	31
05:00	0	54	26	0	2	2	0	0	2	0	0	0	0	86
06:00	1	156	51	11	15	2	0	3	3	0	0	0	0	242
07:00	2	303	54	7	25	<b>4</b>	1	3	<b>6</b>	<b>1</b>	0	0	0	406
08:00	1	<b>313</b>	<b>76</b>	<b>16</b>	<b>27</b>	1	1	0	3	0	0	0	0	<b>438</b>
09:00	<b>3</b>	241	52	4	23	3	1	4	5	0	0	0	0	336
10:00	2	252	57	5	14	4	0	<b>6</b>	4	0	0	0	0	344
11:00	2	307	63	5	14	4	<b>2</b>	3	3	0	0	0	0	403
12 PM	1	300	87	4	20	2	0	1	1	0	0	0	0	416
13:00	2	360	68	2	20	<b>9</b>	0	2	2	0	0	0	0	465
14:00	4	382	80	<b>10</b>	19	3	0	4	<b>4</b>	0	0	0	0	506
15:00	0	523	<b>113</b>	8	24	4	0	<b>5</b>	4	0	0	0	0	681
16:00	2	<b>669</b>	104	1	<b>27</b>	5	0	2	2	0	0	0	0	<b>812</b>
17:00	4	660	97	4	19	2	0	3	2	<b>1</b>	0	0	0	792
18:00	<b>6</b>	486	65	0	10	3	0	1	3	0	0	0	0	574
19:00	6	458	82	2	7	0	0	0	0	0	0	0	0	555
20:00	1	353	59	0	6	0	0	1	2	0	0	0	0	422
21:00	1	206	26	0	5	1	0	1	1	0	0	0	0	241
22:00	0	102	12	0	2	1	0	0	0	0	0	0	0	117
23:00	0	66	10	0	0	1	0	0	4	0	0	0	0	81
Day Total	41	6280	1201	81	287	54	5	42	54	2	0	0	0	8047
Percent	0.5%	78.0%	14.9%	1.0%	3.6%	0.7%	0.1%	0.5%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	08:00	08:00	08:00	08:00	07:00	11:00	10:00	07:00	07:00				08:00
Vol.	3	313	76	16	27	4	2	6	6	1				438
PM Peak	18:00	16:00	15:00	14:00	16:00	13:00		15:00	14:00	17:00				16:00
Vol.	6	669	113	10	27	9		5	4	1				812

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	1	36	7	0	1	1	0	0	1	0	0	0	0	47
01:00	0	29	3	0	0	1	0	0	0	0	0	0	0	33
02:00	0	6	0	0	1	1	0	0	2	0	0	0	0	10
03:00	0	9	1	1	3	0	0	0	1	0	0	0	0	15
04:00	1	24	9	0	2	2	0	1	4	0	0	0	0	43
05:00	0	52	25	1	4	0	0	1	2	0	0	0	0	85
06:00	1	152	48	10	15	4	0	3	3	0	0	0	0	236
07:00	0	321	61	6	23	5	0	0	3	0	0	0	0	419
08:00	0	298	77	12	<b>27</b>	2	0	3	<b>5</b>	0	0	0	0	424
09:00	1	272	<b>78</b>	6	20	<b>6</b>	1	1	5	0	0	0	0	390
10:00	<b>4</b>	289	74	<b>13</b>	17	4	1	<b>5</b>	3	0	0	0	0	410
11:00	2	<b>366</b>	75	4	11	1	<b>3</b>	3	4	0	0	0	0	<b>469</b>
12 PM	2	385	79	5	13	<b>4</b>	<b>1</b>	3	5	0	0	0	0	497
13:00	2	386	87	4	19	3	1	5	2	0	0	0	0	509
14:00	2	455	98	5	16	3	0	5	5	0	0	0	0	589
15:00	<b>3</b>	623	<b>126</b>	<b>12</b>	<b>27</b>	3	1	<b>6</b>	1	0	0	0	0	<b>802</b>
16:00	3	<b>654</b>	93	5	23	3	0	0	<b>6</b>	0	<b>1</b>	0	0	788
17:00	0	642	77	1	14	1	0	1	4	0	0	0	0	740
18:00	2	460	65	1	11	4	0	0	4	0	0	0	0	547
19:00	2	346	44	0	7	2	0	0	0	0	0	0	0	401
20:00	1	321	42	0	11	1	0	0	3	0	0	0	0	379
21:00	0	353	46	0	4	0	0	0	1	0	0	0	0	404
22:00	0	187	17	3	3	0	0	1	1	0	0	0	0	212
23:00	2	103	12	0	3	0	0	1	3	0	1	<b>1</b>	0	126
Day Total	29	6769	1244	89	275	51	8	39	68	0	2	1	0	8575
Percent	0.3%	78.9%	14.5%	1.0%	3.2%	0.6%	0.1%	0.5%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	09:00	10:00	08:00	09:00	11:00	10:00	08:00					11:00
Vol.	4	366	78	13	27	6	3	5	5					469
PM Peak	15:00	16:00	15:00	15:00	15:00	12:00	12:00	15:00	16:00		16:00	23:00		15:00
Vol.	3	654	126	12	27	4	1	6	6		1	1		802

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	59	5	0	1	0	0	0	0	0	0	0	0	65
01:00	0	19	4	0	1	0	0	0	0	0	0	0	0	24
02:00	0	10	7	0	1	1	0	0	0	0	0	0	0	19
03:00	0	15	2	0	1	0	0	0	0	0	0	0	0	18
04:00	0	11	5	0	0	0	0	0	<b>4</b>	0	0	0	0	20
05:00	0	40	8	1	1	0	0	0	1	0	0	0	0	51
06:00	0	54	21	0	5	0	0	0	1	0	0	0	0	81
07:00	0	117	26	0	5	0	<b>1</b>	1	0	0	0	0	0	150
08:00	0	190	40	<b>2</b>	11	0	0	<b>6</b>	0	0	0	0	0	249
09:00	<b>2</b>	291	48	1	12	1	0	2	2	0	0	0	0	359
10:00	1	326	<b>66</b>	2	9	0	0	1	2	0	0	0	0	407
11:00	1	<b>387</b>	66	2	<b>16</b>	<b>2</b>	0	0	1	0	0	0	0	<b>475</b>
12 PM	0	450	69	1	14	<b>1</b>	0	0	1	0	0	0	0	536
13:00	0	429	59	0	9	0	0	0	2	0	0	0	0	499
14:00	1	472	94	<b>3</b>	10	1	0	<b>1</b>	1	0	0	0	0	583
15:00	<b>2</b>	455	69	0	14	0	0	0	1	0	0	0	0	541
16:00	0	487	83	1	8	1	0	1	0	0	0	0	0	581
17:00	1	490	65	2	3	1	0	0	1	0	0	0	0	563
18:00	2	<b>577</b>	<b>115</b>	2	12	1	0	1	0	0	0	0	0	<b>710</b>
19:00	0	470	75	0	<b>15</b>	0	0	0	0	0	0	0	0	560
20:00	0	345	63	2	6	1	0	0	<b>3</b>	0	0	0	0	420
21:00	0	429	73	0	8	1	0	0	0	0	0	0	0	511
22:00	0	182	25	1	5	1	0	0	0	0	0	0	0	214
23:00	0	98	9	0	2	0	0	0	0	0	0	0	0	109
Day Total	10	6403	1097	20	169	12	1	13	20	0	0	0	0	7745
Percent	0.1%	82.7%	14.2%	0.3%	2.2%	0.2%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	10:00	08:00	11:00	11:00	07:00	08:00	04:00					11:00
Vol.	2	387	66	2	16	2	1	6	4					475
PM Peak	15:00	18:00	18:00	14:00	19:00	12:00		14:00	20:00					18:00
Vol.	2	577	115	3	15	1		1	3					710

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	40	3	0	0	0	0	0	1	0	0	0	0	44
01:00	0	19	1	1	0	0	0	0	0	0	0	0	0	21
02:00	0	12	2	0	0	0	0	0	1	0	0	0	0	15
03:00	0	13	0	0	0	0	0	0	0	0	0	0	0	13
04:00	0	11	0	0	0	0	0	0	1	0	0	0	0	12
05:00	0	21	4	0	1	0	0	0	1	1	0	0	0	28
06:00	0	44	13	0	1	0	0	0	0	0	0	0	0	58
07:00	0	83	13	0	1	0	0	0	1	0	0	0	0	98
08:00	1	170	24	0	2	0	0	0	1	0	0	0	0	198
09:00	0	181	35	1	11	0	0	1	0	0	0	0	0	229
10:00	<b>3</b>	299	42	<b>3</b>	14	<b>1</b>	0	<b>3</b>	<b>2</b>	0	0	0	0	367
11:00	3	<b>360</b>	<b>59</b>	0	<b>17</b>	0	0	2	0	0	0	0	0	<b>441</b>
12 PM	3	391	59	0	9	1	0	1	2	0	0	0	0	466
13:00	1	416	68	<b>1</b>	7	0	0	<b>5</b>	0	0	0	0	0	498
14:00	1	364	63	1	10	0	0	0	<b>3</b>	0	0	0	0	442
15:00	<b>4</b>	<b>460</b>	68	0	7	1	0	0	0	0	0	0	0	540
16:00	0	436	60	1	<b>14</b>	1	0	1	0	0	0	0	0	513
17:00	0	363	69	0	12	0	0	2	2	0	0	0	0	448
18:00	2	453	<b>74</b>	0	11	1	0	1	1	0	0	0	0	<b>543</b>
19:00	1	304	45	1	9	0	0	0	0	0	0	0	0	360
20:00	1	219	31	0	3	<b>2</b>	0	0	0	0	0	0	0	256
21:00	0	121	11	0	1	1	0	1	0	0	0	0	0	135
22:00	1	56	5	0	1	1	0	0	0	0	0	0	0	64
23:00	1	43	5	1	1	0	0	0	1	0	0	0	0	52
Day Total	22	4879	754	10	132	9	0	17	17	1	0	0	0	5841
Percent	0.4%	83.5%	12.9%	0.2%	2.3%	0.2%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	10:00	11:00	10:00		10:00	10:00	05:00				11:00
Vol.	3	360	59	3	17	1		3	2	1				441
PM Peak	15:00	15:00	18:00	13:00	16:00	20:00		13:00	14:00					18:00
Vol.	4	460	74	1	14	2		5	3					543

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	1	19	0	0	1	1	0	0	2	0	0	0	0	24
01:00	0	6	1	0	0	0	0	1	0	0	0	0	0	8
02:00	1	6	1	0	0	0	0	0	1	0	0	0	0	9
03:00	0	10	1	0	2	0	1	0	1	0	0	0	0	15
04:00	0	22	10	0	1	0	0	0	0	0	0	0	0	33
05:00	0	48	28	2	4	1	0	0	2	0	0	0	0	85
06:00	2	134	49	8	10	<b>5</b>	0	1	0	0	0	0	0	209
07:00	1	<b>321</b>	59	6	23	1	1	<b>6</b>	2	<b>1</b>	0	0	0	421
08:00	1	271	52	<b>12</b>	24	3	8	5	2	1	0	0	0	379
09:00	2	222	<b>89</b>	8	25	2	8	2	4	0	0	0	0	362
10:00	<b>4</b>	238	73	5	<b>28</b>	3	<b>11</b>	4	4	1	0	0	0	371
11:00	2	302	77	5	22	3	10	3	<b>6</b>	0	0	0	0	<b>430</b>
12 PM	<b>8</b>	295	63	2	18	<b>6</b>	11	4	3	0	0	0	0	410
13:00	2	279	80	1	17	4	8	<b>8</b>	1	0	0	0	0	400
14:00	2	377	87	2	19	4	11	5	2	0	0	0	0	509
15:00	1	538	<b>156</b>	<b>19</b>	<b>33</b>	0	<b>12</b>	5	4	0	0	0	0	768
16:00	0	<b>659</b>	116	4	21	4	1	6	<b>5</b>	0	0	0	0	<b>816</b>
17:00	1	648	99	4	17	2	0	4	4	0	0	0	0	779
18:00	1	435	52	2	15	0	0	1	2	<b>1</b>	0	0	0	509
19:00	0	358	67	2	13	1	0	1	3	0	0	0	0	445
20:00	1	280	42	0	7	1	0	1	1	0	0	0	0	333
21:00	2	173	27	0	4	2	0	0	1	0	0	0	0	209
22:00	0	76	13	0	2	0	0	3	0	0	0	0	0	94
23:00	1	78	7	0	2	0	0	0	0	0	0	0	0	88
Day Total	33	5795	1249	82	308	43	82	60	50	4	0	0	0	7706
Percent	0.4%	75.2%	16.2%	1.1%	4.0%	0.6%	1.1%	0.8%	0.6%	0.1%	0.0%	0.0%	0.0%	
AM Peak	10:00	07:00	09:00	08:00	10:00	06:00	10:00	07:00	11:00	07:00				11:00
Vol.	4	321	89	12	28	5	11	6	6	1				430
PM Peak	12:00	16:00	15:00	15:00	15:00	12:00	15:00	13:00	16:00	18:00				16:00
Vol.	8	659	156	19	33	6	12	8	5	1				816

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	0	30	1	0	1	0	0	0	1	0	0	0	0	33
01:00	0	11	4	0	1	0	0	0	2	0	0	0	0	18
02:00	0	10	1	0	1	0	0	0	1	0	0	0	0	13
03:00	1	10	1	0	3	0	0	0	1	0	0	0	0	16
04:00	1	17	9	1	3	0	0	0	0	0	0	0	0	31
05:00	0	48	30	0	4	2	0	2	1	0	0	0	0	87
06:00	1	132	49	12	15	1	2	3	2	0	0	0	0	217
07:00	0	<b>306</b>	<b>75</b>	5	16	0	1	<b>8</b>	2	0	0	0	0	<b>413</b>
08:00	1	244	63	<b>13</b>	25	1	6	7	<b>8</b>	0	0	0	0	368
09:00	0	225	69	7	24	2	<b>12</b>	4	4	0	0	0	0	347
10:00	1	268	62	7	<b>28</b>	<b>3</b>	9	2	5	0	0	0	0	385
11:00	<b>4</b>	298	60	7	22	2	5	4	4	0	0	0	0	406
12 PM	<b>4</b>	334	72	4	25	2	<b>13</b>	6	<b>5</b>	0	0	0	0	465
13:00	3	319	86	1	23	2	8	<b>7</b>	3	<b>2</b>	0	0	0	454
14:00	4	382	98	<b>9</b>	23	<b>5</b>	7	4	3	0	0	0	0	535
15:00	1	559	156	9	36	2	5	1	1	0	0	0	0	770
16:00	3	681	149	1	36	2	0	5	3	0	0	0	0	880
17:00	0	<b>758</b>	<b>159</b>	4	<b>50</b>	2	0	7	5	0	0	0	0	<b>985</b>
18:00	1	494	135	1	35	2	0	2	2	0	0	0	0	672
19:00	2	383	95	1	25	0	0	2	2	0	0	0	0	510
20:00	0	321	63	0	18	0	0	2	1	0	0	0	0	405
21:00	2	206	33	0	7	2	0	0	3	0	0	0	0	253
22:00	1	115	18	0	5	0	0	0	3	0	0	0	0	142
23:00	1	69	13	0	0	1	0	1	2	0	0	0	0	87
Day Total	31	6220	1501	82	426	31	68	67	64	2	0	0	0	8492
Percent	0.4%	73.2%	17.7%	1.0%	5.0%	0.4%	0.8%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	07:00	07:00	08:00	10:00	10:00	09:00	07:00	08:00					07:00
Vol.	4	306	75	13	28	3	12	8	8					413
PM Peak	12:00	17:00	17:00	14:00	17:00	14:00	12:00	13:00	12:00	13:00				17:00
Vol.	4	758	159	9	50	5	13	7	5	2				985

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 classification1  
Count 14  
Grandview and Canal

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	0	30	4	0	0	0	0	0	5	0	0	0	0	39
01:00	1	15	2	0	1	1	0	0	1	0	0	0	0	21
02:00	1	10	2	0	0	2	0	0	3	0	0	0	0	18
03:00	1	11	2	0	0	0	0	0	1	0	0	0	0	15
04:00	1	18	9	2	3	1	0	0	0	0	0	0	0	34
05:00	0	50	26	1	5	2	0	1	2	0	0	0	0	87
06:00	2	147	49	8	11	5	0	3	1	0	0	0	0	226
07:00	1	<b>287</b>	58	7	15	1	5	6	2	0	0	0	0	382
08:00	0	262	<b>69</b>	<b>11</b>	<b>34</b>	1	10	3	<b>6</b>	0	0	0	0	<b>396</b>
09:00	<b>6</b>	210	59	5	19	<b>7</b>	<b>11</b>	3	1	0	0	0	0	321
10:00	3	220	56	7	21	3	7	<b>10</b>	2	0	0	0	0	329
11:00	1	286	56	10	19	3	8	5	1	0	0	0	0	389
12 PM	1	322	68	8	25	1	7	4	1	0	0	0	0	437
13:00	0	315	91	6	19	2	<b>11</b>	3	<b>4</b>	0	0	0	0	451
14:00	2	364	120	<b>14</b>	26	2	11	4	2	<b>1</b>	0	0	0	546
15:00	1	578	201	12	35	<b>4</b>	9	5	4	0	0	0	0	849
16:00	1	734	216	7	49	2	6	9	3	0	0	<b>1</b>	0	1028
17:00	2	<b>801</b>	<b>231</b>	7	<b>69</b>	1	0	<b>12</b>	4	0	0	0	0	<b>1127</b>
18:00	1	576	206	1	50	2	0	5	2	0	0	0	0	843
19:00	<b>3</b>	398	129	1	32	2	0	2	2	1	0	0	0	570
20:00	1	365	96	0	26	1	0	5	2	0	0	0	0	496
21:00	0	210	44	0	16	0	0	0	0	0	0	0	0	270
22:00	1	111	19	0	4	1	0	0	2	0	0	0	0	138
23:00	0	88	13	0	0	0	0	0	1	0	0	0	0	102
Day Total	30	6408	1826	107	479	44	85	80	52	2	0	1	0	9114
Percent	0.3%	70.3%	20.0%	1.2%	5.3%	0.5%	0.9%	0.9%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	08:00	08:00	08:00	09:00	09:00	10:00	08:00					08:00
Vol.	6	287	69	11	34	7	11	10	6					396
PM Peak	19:00	17:00	17:00	14:00	17:00	15:00	13:00	17:00	13:00	14:00		16:00		17:00
Vol.	3	801	231	14	69	4	11	12	4	1		1		1127
Grand Total	196	42754	8872	471	2076	244	249	318	325	11	2	2	0	55520
Percent	0.4%	77.0%	16.0%	0.8%	3.7%	0.4%	0.4%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	20	5	1	1	0	0	1	1	0	0	0	0	29
01:00	0	11	1	0	3	0	0	0	1	0	0	0	0	16
02:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
03:00	0	6	3	1	6	0	0	0	1	0	0	0	0	17
04:00	1	41	8	1	17	0	0	0	1	0	0	0	0	69
05:00	0	131	37	2	28	0	0	1	2	0	0	0	0	201
06:00	<b>2</b>	364	109	4	<b>63</b>	3	0	4	2	0	0	0	0	551
07:00	1	<b>597</b>	<b>186</b>	<b>14</b>	58	5	2	<b>8</b>	<b>4</b>	0	0	0	0	<b>875</b>
08:00	0	446	156	8	61	<b>6</b>	<b>4</b>	6	4	0	0	0	0	691
09:00	0	303	111	5	34	5	2	2	3	0	0	0	0	465
10:00	1	237	114	3	38	2	2	3	4	0	0	0	0	404
11:00	1	251	114	5	30	4	2	3	2	0	<b>1</b>	0	0	413
12 PM	3	275	109	<b>13</b>	38	<b>5</b>	1	2	3	0	0	0	0	449
13:00	0	282	115	10	49	1	1	4	<b>8</b>	0	0	0	0	470
14:00	0	316	139	5	42	0	1	5	2	0	0	0	0	510
15:00	0	327	138	12	43	3	<b>2</b>	<b>6</b>	1	0	0	0	0	532
16:00	<b>5</b>	386	147	9	42	3	2	1	5	0	0	0	0	600
17:00	1	<b>449</b>	<b>153</b>	2	<b>57</b>	2	1	3	1	0	0	0	0	<b>669</b>
18:00	0	383	123	1	45	0	0	5	1	0	0	0	0	558
19:00	1	209	77	0	16	0	0	1	0	0	0	0	0	304
20:00	2	140	49	1	14	0	0	0	0	0	0	0	0	206
21:00	0	136	31	0	14	1	0	0	2	0	0	0	0	184
22:00	0	72	10	0	6	0	0	1	2	0	0	0	0	91
23:00	0	18	12	0	3	1	0	0	1	0	0	0	0	35
Day Total	18	5406	1948	97	708	41	20	56	51	0	1	0	0	8346
Percent	0.2%	64.8%	23.3%	1.2%	8.5%	0.5%	0.2%	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	07:00	07:00	06:00	08:00	08:00	07:00	07:00		11:00			07:00
Vol.	2	597	186	14	63	6	4	8	4		1			875
PM Peak	16:00	17:00	17:00	12:00	17:00	12:00	15:00	15:00	13:00					17:00
Vol.	5	449	153	13	57	5	2	6	8					669

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	13	8	0	3	0	0	1	0	0	0	0	0	25
01:00	0	12	4	0	1	1	0	0	0	0	0	0	0	18
02:00	0	6	3	0	1	0	0	0	0	0	0	0	0	10
03:00	1	8	6	0	2	1	0	0	2	0	0	0	0	20
04:00	0	40	10	1	12	0	0	2	1	0	0	0	0	66
05:00	1	130	34	2	31	2	0	0	4	0	0	0	0	204
06:00	0	306	121	5	<b>57</b>	3	0	4	<b>5</b>	0	0	0	0	501
07:00	1	<b>556</b>	167	8	53	1	<b>2</b>	3	2	0	0	0	0	<b>793</b>
08:00	0	441	<b>195</b>	<b>12</b>	55	2	1	1	3	0	0	0	0	710
09:00	<b>2</b>	302	102	1	48	1	0	3	3	<b>1</b>	0	0	0	463
10:00	0	329	131	5	40	<b>7</b>	0	5	3	0	0	0	0	520
11:00	2	313	105	2	36	6	0	<b>12</b>	3	0	0	0	0	479
12 PM	1	339	124	6	37	<b>5</b>	0	5	3	0	0	0	0	520
13:00	0	300	126	6	46	3	<b>1</b>	7	2	0	0	0	0	491
14:00	1	367	137	<b>10</b>	50	3	0	8	3	0	0	0	0	579
15:00	2	360	149	10	<b>54</b>	4	0	4	5	<b>1</b>	0	0	0	589
16:00	2	392	121	5	44	3	0	<b>14</b>	3	0	0	0	0	584
17:00	2	431	143	5	54	3	0	10	<b>9</b>	0	0	0	0	657
18:00	<b>3</b>	<b>441</b>	<b>175</b>	2	37	0	0	6	2	0	0	0	0	<b>666</b>
19:00	0	282	103	3	33	3	1	1	0	0	0	0	0	426
20:00	0	161	54	0	16	0	0	1	1	0	0	0	0	233
21:00	0	151	59	0	8	0	0	0	1	0	0	0	0	219
22:00	0	76	28	0	6	0	0	0	0	0	0	0	0	110
23:00	0	47	13	0	7	0	0	0	1	0	0	0	0	68
Day Total	18	5803	2118	83	731	48	5	87	56	2	0	0	0	8951
Percent	0.2%	64.8%	23.7%	0.9%	8.2%	0.5%	0.1%	1.0%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	08:00	08:00	06:00	10:00	07:00	11:00	06:00	09:00				07:00
Vol.	2	556	195	12	57	7	2	12	5	1				793
PM Peak	18:00	18:00	18:00	14:00	15:00	12:00	13:00	16:00	17:00	15:00				18:00
Vol.	3	441	175	10	54	5	1	14	9	1				666

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	20	10	1	3	0	0	0	0	0	0	0	0	34
01:00	0	12	4	0	2	0	0	0	1	0	0	0	0	19
02:00	0	12	1	0	5	0	0	0	1	0	0	0	0	19
03:00	0	13	6	1	3	0	0	0	0	0	0	0	0	23
04:00	0	23	9	0	8	0	0	0	0	0	0	0	0	40
05:00	0	44	20	0	11	0	0	1	3	0	0	0	0	79
06:00	0	116	47	1	20	0	1	0	0	0	0	0	0	185
07:00	0	154	58	3	32	0	1	1	1	0	0	0	0	250
08:00	0	288	105	0	22	1	0	3	1	0	0	0	0	420
09:00	0	394	181	3	42	0	0	3	1	0	1	0	0	625
10:00	0	<b>517</b>	<b>200</b>	2	<b>59</b>	<b>3</b>	0	<b>6</b>	0	0	0	0	0	<b>787</b>
11:00	0	454	168	2	46	0	0	0	1	0	0	0	0	671
12 PM	0	404	<b>178</b>	0	34	0	0	2	<b>1</b>	0	0	0	0	<b>619</b>
13:00	0	409	132	2	36	0	0	<b>8</b>	1	0	0	0	0	588
14:00	0	381	131	2	34	<b>1</b>	0	0	1	0	0	0	0	550
15:00	<b>1</b>	384	120	1	37	0	0	1	1	0	0	0	0	545
16:00	0	367	133	0	39	0	0	1	0	0	0	0	0	540
17:00	0	400	155	<b>3</b>	<b>42</b>	0	0	2	0	0	0	0	0	602
18:00	0	<b>419</b>	123	1	37	1	0	0	1	0	0	0	0	582
19:00	0	230	82	3	34	0	0	3	0	0	0	0	0	352
20:00	0	190	100	3	29	0	0	3	0	0	0	0	0	325
21:00	0	148	58	0	19	0	0	0	1	<b>1</b>	0	0	0	227
22:00	0	89	31	1	8	0	0	0	1	0	0	0	0	130
23:00	0	51	12	0	1	0	0	0	1	0	0	0	0	65
Day Total	1	5519	2064	29	603	6	2	34	17	1	1	0	0	8277
Percent	0.0%	66.7%	24.9%	0.4%	7.3%	0.1%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	10:00	07:00	10:00	10:00	06:00	10:00	05:00		09:00			10:00
Vol.		517	200	3	59	3	1	6	3		1			787
PM Peak	15:00	18:00	12:00	17:00	17:00	14:00		13:00	12:00	21:00				12:00
Vol.	1	419	178	3	42	1		8	1	1				619

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	22	12	0	2	1	0	0	1	0	0	0	0	38
01:00	0	8	13	1	1	0	0	2	0	0	0	0	0	25
02:00	0	15	4	0	1	0	0	0	1	0	0	0	0	21
03:00	0	11	5	0	2	0	0	0	0	0	0	0	0	18
04:00	0	15	5	0	5	0	0	0	0	0	0	0	0	25
05:00	0	32	11	1	7	0	0	0	1	0	0	0	0	52
06:00	0	77	28	0	7	1	0	0	2	0	0	0	0	115
07:00	1	136	51	0	14	1	0	0	0	0	0	0	0	203
08:00	0	215	110	1	28	0	0	1	0	0	0	0	0	355
09:00	1	348	145	1	29	3	0	4	2	0	0	0	0	533
10:00	0	<b>455</b>	<b>163</b>	0	<b>38</b>	0	0	4	1	0	0	0	0	<b>661</b>
11:00	0	382	130	2	37	0	0	6	0	0	0	0	0	557
12 PM	0	364	103	0	<b>45</b>	0	0	4	0	0	0	0	0	516
13:00	0	<b>367</b>	122	1	35	0	0	4	0	0	0	0	0	<b>529</b>
14:00	0	326	95	0	32	0	0	3	0	0	0	0	0	456
15:00	0	303	116	0	27	0	0	4	0	0	0	0	0	450
16:00	1	302	<b>132</b>	2	28	1	0	3	3	0	0	0	0	472
17:00	0	276	120	0	24	0	0	1	0	0	0	0	0	421
18:00	0	234	113	3	35	0	0	1	2	0	0	0	0	388
19:00	0	177	60	1	19	0	0	1	1	0	0	0	0	259
20:00	0	120	42	1	17	0	0	1	0	0	0	0	0	181
21:00	0	59	23	0	6	0	0	0	1	0	0	0	0	89
22:00	1	58	16	1	6	0	0	0	2	0	0	0	0	84
23:00	0	21	3	0	5	0	0	0	0	0	0	0	0	29
Day Total	4	4323	1622	15	450	7	0	39	17	0	0	0	0	6477
Percent	0.1%	66.7%	25.0%	0.2%	6.9%	0.1%	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	10:00	10:00	11:00	10:00	09:00		11:00	06:00					10:00
Vol.	1	455	163	2	38	3		6	2					661
PM Peak	16:00	13:00	16:00	18:00	12:00	16:00		12:00	16:00					13:00
Vol.	1	367	132	3	45	1		4	3					529

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	7	4	0	2	1	0	0	0	0	0	0	0	14
01:00	0	8	1	0	0	2	0	0	1	0	0	0	0	12
02:00	0	7	2	0	1	0	0	0	0	0	0	0	0	10
03:00	0	10	4	2	2	0	0	0	3	0	0	0	0	21
04:00	1	32	19	1	12	0	0	0	0	0	0	0	0	65
05:00	1	125	35	1	30	0	0	0	4	0	0	0	0	196
06:00	0	311	115	6	54	3	0	5	2	1	0	0	0	497
07:00	<b>2</b>	<b>530</b>	164	<b>12</b>	54	3	1	5	4	0	0	0	0	<b>775</b>
08:00	0	420	<b>177</b>	10	<b>64</b>	5	0	2	3	0	0	0	0	681
09:00	0	267	121	7	51	<b>16</b>	1	<b>9</b>	2	0	0	0	0	474
10:00	0	250	98	2	53	11	<b>2</b>	5	<b>7</b>	1	0	0	0	429
11:00	0	254	105	11	51	11	0	7	5	0	0	0	0	444
12 PM	<b>1</b>	263	123	6	37	10	1	6	<b>4</b>	0	0	0	0	451
13:00	1	274	116	<b>10</b>	48	<b>16</b>	0	4	3	0	0	0	0	472
14:00	1	326	140	4	47	13	0	14	2	0	0	0	0	547
15:00	1	334	139	9	50	10	0	15	2	0	0	0	0	560
16:00	0	347	<b>145</b>	9	<b>62</b>	6	0	<b>24</b>	1	0	0	0	0	594
17:00	0	<b>417</b>	138	2	56	1	<b>2</b>	15	1	<b>1</b>	0	0	0	<b>633</b>
18:00	1	331	109	2	35	1	0	12	1	0	0	0	0	492
19:00	0	185	81	3	34	0	0	10	4	1	0	0	0	318
20:00	0	115	41	1	14	0	0	3	1	0	0	0	0	175
21:00	1	86	23	0	5	0	0	1	2	0	0	0	0	118
22:00	0	59	16	0	5	0	0	2	3	0	0	0	0	85
23:00	0	24	3	0	0	0	0	0	2	0	0	0	0	29
Day Total	10	4982	1919	98	767	109	7	139	57	4	0	0	0	8092
Percent	0.1%	61.6%	23.7%	1.2%	9.5%	1.3%	0.1%	1.7%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	08:00	07:00	08:00	09:00	10:00	09:00	10:00	06:00				07:00
Vol.	2	530	177	12	64	16	2	9	7	1				775
PM Peak	12:00	17:00	16:00	13:00	16:00	13:00	17:00	16:00	12:00	17:00				17:00
Vol.	1	417	145	10	62	16	2	24	4	1				633

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	0	15	4	0	3	0	0	0	3	0	0	0	0	25
01:00	0	4	2	1	2	0	0	0	1	0	0	0	0	10
02:00	2	5	1	0	2	2	0	1	0	0	0	0	0	13
03:00	0	17	2	0	4	0	0	1	3	0	0	0	0	27
04:00	0	42	16	1	13	0	0	2	2	0	0	0	0	76
05:00	<b>4</b>	132	45	1	37	0	0	6	1	0	0	0	0	226
06:00	1	348	123	5	70	5	0	16	<b>5</b>	0	0	0	0	573
07:00	4	<b>612</b>	208	<b>16</b>	78	6	0	<b>54</b>	5	0	<b>1</b>	0	0	<b>984</b>
08:00	2	490	<b>218</b>	11	70	9	0	49	4	0	0	<b>1</b>	0	854
09:00	1	299	153	7	<b>79</b>	<b>19</b>	0	34	5	0	0	0	0	597
10:00	0	292	161	8	68	10	0	34	2	0	0	0	0	575
11:00	1	294	156	5	65	7	0	33	3	0	0	0	0	564
12 PM	<b>1</b>	284	150	5	<b>77</b>	<b>13</b>	0	18	2	0	0	0	0	550
13:00	0	282	152	5	75	7	<b>1</b>	<b>31</b>	<b>4</b>	0	0	0	0	557
14:00	1	315	<b>180</b>	7	69	10	0	28	3	0	0	0	0	613
15:00	0	326	153	<b>13</b>	63	7	0	11	2	0	0	0	0	575
16:00	0	404	156	9	69	1	1	19	4	0	0	0	0	<b>663</b>
17:00	1	<b>419</b>	153	5	50	2	0	7	4	0	0	0	0	641
18:00	1	336	136	1	47	0	0	10	2	0	0	0	0	533
19:00	0	204	82	1	40	0	0	2	2	0	0	0	0	331
20:00	0	162	72	1	32	1	0	1	0	0	0	0	0	269
21:00	0	103	37	2	15	0	0	1	1	0	0	0	0	159
22:00	0	67	20	0	6	0	0	2	0	0	0	0	0	95
23:00	0	26	9	2	3	0	0	0	3	0	0	0	0	43
Day Total	19	5478	2389	106	1037	99	2	360	61	0	1	1	0	9553
Percent	0.2%	57.3%	25.0%	1.1%	10.9%	1.0%	0.0%	3.8%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	05:00	07:00	08:00	07:00	09:00	09:00		07:00	06:00		07:00	08:00		07:00
Vol.	4	612	218	16	79	19		54	5		1	1		984
PM Peak	12:00	17:00	14:00	15:00	12:00	12:00	13:00	13:00	13:00					16:00
Vol.	1	419	180	13	77	13	1	31	4					663

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 classification1  
Count 14  
Grandview and Canal

**Northbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	0	13	7	0	4	0	0	0	1	0	0	0	0	25
01:00	0	4	5	0	5	0	0	0	2	0	0	0	0	16
02:00	1	5	0	0	1	1	0	0	2	0	0	0	0	10
03:00	0	10	4	1	3	0	0	0	3	0	0	0	0	21
04:00	0	40	16	0	12	1	0	1	0	0	0	0	0	70
05:00	0	141	57	2	44	0	0	2	1	0	0	0	0	247
06:00	2	360	183	3	83	9	0	8	4	0	0	0	0	652
07:00	0	<b>540</b>	234	<b>14</b>	164	7	0	<b>14</b>	3	0	0	0	0	976
08:00	1	512	<b>282</b>	11	<b>168</b>	6	0	14	1	0	<b>1</b>	0	0	<b>996</b>
09:00	1	329	177	4	67	9	0	14	<b>6</b>	0	0	0	0	607
10:00	<b>3</b>	254	134	8	47	<b>14</b>	0	10	0	0	0	0	0	470
11:00	1	246	110	13	50	10	0	10	1	0	1	0	0	442
12 PM	0	269	119	13	55	10	0	10	4	0	0	0	0	480
13:00	<b>3</b>	248	115	11	49	<b>12</b>	<b>2</b>	5	<b>7</b>	0	0	0	0	452
14:00	2	305	139	5	<b>68</b>	11	0	9	2	0	0	0	0	541
15:00	0	320	<b>157</b>	<b>18</b>	51	5	0	<b>11</b>	1	0	<b>1</b>	0	0	564
16:00	0	307	137	12	52	9	0	11	1	0	0	0	0	529
17:00	0	<b>368</b>	144	5	48	3	0	6	3	0	0	0	0	<b>577</b>
18:00	1	301	136	3	36	2	0	1	1	<b>1</b>	0	0	0	482
19:00	1	205	96	6	50	0	0	4	2	0	0	0	0	364
20:00	0	139	62	4	34	1	0	0	1	0	0	0	0	241
21:00	0	129	58	0	21	0	0	1	3	0	0	0	0	212
22:00	0	99	42	1	16	0	0	1	2	0	0	0	0	161
23:00	0	33	5	1	2	0	0	1	2	0	0	0	0	44
Day Total	16	5177	2419	135	1130	110	2	133	53	1	3	0	0	9179
Percent	0.2%	56.4%	26.4%	1.5%	12.3%	1.2%	0.0%	1.4%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	07:00	08:00	07:00	08:00	10:00		07:00	09:00		08:00			08:00
Vol.	3	540	282	14	168	14		14	6		1			996
PM Peak	13:00	17:00	15:00	15:00	14:00	13:00	13:00	15:00	13:00	18:00	15:00			17:00
Vol.	3	368	157	18	68	12	2	11	7	1	1			577
Grand Total	86	36688	14479	563	5426	420	38	848	312	8	6	1	0	58875
Percent	0.1%	62.3%	24.6%	1.0%	9.2%	0.7%	0.1%	1.4%	0.5%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/28/17	2	0	0	0	1	6	19	13	3	0	0	0	0	0	0	44	40-49	29
01:00	0	0	2	0	3	3	5	3	2	1	0	0	0	0	0	19	39-48	8
02:00	0	0	0	0	0	6	2	3	0	0	1	0	0	0	0	12	37-46	7
03:00	0	0	0	0	4	3	8	6	3	0	0	0	0	0	0	24	41-50	13
04:00	0	0	0	1	2	8	10	5	5	0	0	0	0	0	0	31	36-45	17
05:00	1	0	0	0	4	19	42	16	3	1	0	0	0	0	0	86	38-47	59
06:00	2	0	1	7	13	57	87	60	14	1	0	0	0	0	0	242	39-48	145
07:00	2	1	0	15	36	91	184	67	10	0	0	0	0	0	0	406	38-47	264
08:00	1	0	9	17	64	160	130	48	8	1	0	0	0	0	0	438	35-44	269
09:00	3	2	1	4	53	105	120	44	4	0	0	0	0	0	0	336	36-45	208
10:00	1	0	0	2	25	103	135	65	12	1	0	0	0	0	0	344	37-46	224
11:00	3	0	1	7	35	106	158	82	10	1	0	0	0	0	0	403	38-47	253
12 PM	0	0	0	1	25	107	194	68	19	2	0	0	0	0	0	416	38-47	285
13:00	6	0	3	5	42	160	182	63	4	0	0	0	0	0	0	465	36-45	310
14:00	0	0	5	5	53	165	191	77	9	1	0	0	0	0	0	506	37-46	329
15:00	4	0	1	10	132	264	196	63	11	0	0	0	0	0	0	681	35-44	435
16:00	2	0	1	13	108	357	247	75	8	1	0	0	0	0	0	812	35-44	558
17:00	5	6	26	21	128	264	246	84	11	1	0	0	0	0	0	792	36-45	470
18:00	2	0	0	2	39	191	220	106	13	1	0	0	0	0	0	574	37-46	382
19:00	2	0	0	1	61	228	202	54	7	0	0	0	0	0	0	555	36-45	391
20:00	1	1	1	7	40	123	163	76	10	0	0	0	0	0	0	422	37-46	269
21:00	0	0	0	1	20	68	93	52	5	2	0	0	0	0	0	241	38-47	155
22:00	1	0	0	2	7	18	48	33	6	1	1	0	0	0	0	117	40-49	75
23:00	0	0	0	0	5	13	32	27	3	1	0	0	0	0	0	81	40-49	54
<b>Total</b>	<b>38</b>	<b>10</b>	<b>51</b>	<b>121</b>	<b>900</b>	<b>2625</b>	<b>2914</b>	<b>1190</b>	<b>180</b>	<b>16</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8047</b>		
Percent	0.5%	0.1%	0.6%	1.5%	11.2%	32.6%	36.2%	14.8%	2.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	09:00	08:00	08:00	08:00	08:00	07:00	11:00	06:00	01:00	08:00	02:00						08:00
Vol.	3	2	9	17	64	160	184	82	14	1	1							438
PM Peak	13:00	17:00	17:00	17:00	15:00	16:00	16:00	18:00	12:00	12:00	22:00							16:00
Vol.	6	6	26	21	132	357	247	106	19	2	1							812



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/29/17	1	0	0	0	6	12	11	14	2	0	1	0	0	0	47	39-48	24
01:00	0	0	0	0	1	4	13	9	5	1	0	0	0	0	33	41-50	20
02:00	0	0	0	0	0	4	4	1	1	0	0	0	0	0	10	37-46	7
03:00	0	0	0	0	0	6	4	4	0	1	0	0	0	0	15	38-47	9
04:00	0	0	0	3	0	8	15	14	2	1	0	0	0	0	43	40-49	27
05:00	1	0	0	0	7	16	25	25	9	2	0	0	0	0	85	40-49	47
06:00	1	0	5	2	20	49	84	53	20	2	0	0	0	0	236	39-48	135
07:00	0	0	0	2	25	94	198	80	19	1	0	0	0	0	419	38-47	286
08:00	1	0	0	9	49	139	146	66	11	3	0	0	0	0	424	36-45	264
09:00	2	0	0	2	33	101	146	92	14	0	0	0	0	0	390	38-47	242
10:00	5	0	2	3	28	111	162	81	17	1	0	0	0	0	410	38-47	258
11:00	1	0	1	10	46	104	194	98	15	0	0	0	0	0	469	38-47	295
12 PM	0	0	1	9	71	153	154	92	16	1	0	0	0	0	497	36-45	290
13:00	1	0	5	15	29	151	188	107	13	0	0	0	0	0	509	37-46	322
14:00	3	0	1	6	55	176	227	104	15	2	0	0	0	0	589	37-46	377
15:00	10	11	13	31	120	294	251	60	9	2	1	0	0	0	802	35-44	496
16:00	6	0	0	36	111	288	249	86	12	0	0	0	0	0	788	36-45	493
17:00	5	0	0	5	66	250	285	113	14	2	0	0	0	0	740	37-46	491
18:00	1	1	0	10	63	191	182	92	7	0	0	0	0	0	547	36-45	346
19:00	0	0	0	10	34	118	181	49	6	3	0	0	0	0	401	37-46	277
20:00	1	0	7	13	35	117	126	70	7	2	0	1	0	0	379	37-46	228
21:00	3	0	0	3	38	132	160	62	6	0	0	0	0	0	404	37-46	269
22:00	0	0	0	1	20	43	88	46	13	1	0	0	0	0	212	39-48	133
23:00	0	1	0	1	5	29	54	30	5	1	0	0	0	0	126	39-48	83
<b>Total</b>	<b>42</b>	<b>13</b>	<b>35</b>	<b>171</b>	<b>862</b>	<b>2590</b>	<b>3147</b>	<b>1448</b>	<b>238</b>	<b>26</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8575</b>		
<b>Percent</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.4%</b>	<b>2.0%</b>	<b>10.1%</b>	<b>30.2%</b>	<b>36.7%</b>	<b>16.9%</b>	<b>2.8%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	10:00		06:00	11:00	08:00	08:00	07:00	11:00	06:00	08:00	00:00				11:00		
Vol.	5		5	10	49	139	198	98	20	3	1				469		
PM Peak	15:00	15:00	15:00	16:00	15:00	15:00	17:00	17:00	12:00	19:00	15:00	20:00			15:00		
Vol.	10	11	13	36	120	294	285	113	16	3	1	1			802		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	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	Total	Pace Speed	Number in Pace
09/30/17	2	0	0	0	1	11	24	22	4	1	0	0	0	0	65	40-49	42
01:00	0	0	0	0	1	4	7	7	4	1	0	0	0	0	24	42-51	13
02:00	0	0	0	0	2	3	5	6	3	0	0	0	0	0	19	43-52	10
03:00	2	0	0	0	0	0	8	3	5	0	0	0	0	0	18	42-51	9
04:00	0	0	0	0	2	5	5	6	2	0	0	0	0	0	20	39-48	11
05:00	0	1	0	0	3	6	23	14	3	1	0	0	0	0	51	40-49	34
06:00	0	0	1	0	1	15	25	29	7	3	0	0	0	0	81	41-50	50
07:00	0	0	0	0	6	37	46	40	18	3	0	0	0	0	150	39-48	85
08:00	0	0	0	1	9	40	99	75	21	4	0	0	0	0	249	40-49	162
09:00	0	0	0	4	42	94	140	64	13	2	0	0	0	0	359	37-46	223
10:00	1	0	0	1	38	113	162	73	18	1	0	0	0	0	407	37-46	260
11:00	0	11	1	2	28	190	172	64	5	2	0	0	0	0	475	36-45	326
12 PM	1	0	5	7	62	197	208	51	4	1	0	0	0	0	536	36-45	369
13:00	0	1	2	5	56	181	173	64	17	0	0	0	0	0	499	36-45	326
14:00	1	0	0	8	103	280	159	29	2	1	0	0	0	0	583	34-43	416
15:00	1	0	0	7	82	232	173	40	4	2	0	0	0	0	541	35-44	375
16:00	2	0	0	9	106	279	137	43	4	0	1	0	0	0	581	34-43	402
17:00	1	0	0	12	108	238	149	50	4	1	0	0	0	0	563	34-43	370
18:00	0	0	3	17	174	330	145	36	5	0	0	0	0	0	710	33-42	492
19:00	0	0	0	5	99	226	191	30	8	1	0	0	0	0	560	35-44	387
20:00	1	0	1	11	41	140	158	59	8	1	0	0	0	0	420	36-45	274
21:00	0	0	0	11	80	152	202	54	10	2	0	0	0	0	511	36-45	328
22:00	1	0	0	1	14	59	83	50	6	0	0	0	0	0	214	38-47	138
23:00	1	0	0	1	5	18	45	31	7	1	0	0	0	0	109	40-49	71
<b>Total</b>	14	13	13	102	1063	2850	2539	940	182	28	1	0	0	0	7745		
<b>Percent</b>	0.2%	0.2%	0.2%	1.3%	13.7%	36.8%	32.8%	12.1%	2.3%	0.4%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	00:00	11:00	06:00	09:00	09:00	11:00	11:00	08:00	08:00	08:00					11:00		
<b>Vol.</b>	2	11	1	4	42	190	172	75	21	4					475		
<b>PM Peak</b>	16:00	13:00	12:00	18:00	18:00	18:00	12:00	13:00	13:00	15:00	16:00				18:00		
<b>Vol.</b>	2	1	5	17	174	330	208	64	17	2	1				710		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	3	7	15	14	5	0	0	0	0	0	44	40-49	27
01:00	0	0	0	0	0	7	10	4	0	0	0	0	0	0	21	37-46	16
02:00	0	0	0	0	2	2	4	4	2	0	0	1	0	0	15	41-50	8
03:00	0	0	0	0	0	2	4	4	1	1	0	0	1	0	13	40-49	8
04:00	0	0	0	0	1	2	3	4	1	1	0	0	0	0	12	41-50	7
05:00	0	0	0	1	1	6	13	5	1	1	0	0	0	0	28	38-47	19
06:00	2	0	0	0	0	6	17	23	8	1	1	0	0	0	58	42-51	36
07:00	0	0	0	2	0	22	36	25	11	1	1	0	0	0	98	39-48	60
08:00	0	0	0	3	8	41	75	57	11	2	1	0	0	0	198	39-48	126
09:00	0	0	0	1	10	46	70	81	19	2	0	0	0	0	229	40-49	141
10:00	0	1	1	3	20	69	140	105	25	3	0	0	0	0	367	40-49	231
11:00	1	0	0	3	15	101	170	128	21	2	0	0	0	0	441	39-48	287
12 PM	1	0	0	1	18	103	200	127	15	1	0	0	0	0	466	39-48	317
13:00	0	0	0	4	27	140	203	104	18	2	0	0	0	0	498	38-47	329
14:00	0	0	0	0	26	103	178	111	23	1	0	0	0	0	442	39-48	286
15:00	9	0	3	14	27	137	211	122	14	2	1	0	0	0	540	38-47	338
16:00	3	0	0	1	30	125	230	104	15	5	0	0	0	0	513	38-47	345
17:00	0	0	0	0	11	97	195	119	24	2	0	0	0	0	448	39-48	305
18:00	1	0	0	1	38	161	236	90	13	2	1	0	0	0	543	37-46	371
19:00	0	0	0	0	7	97	151	89	15	1	0	0	0	0	360	38-47	245
20:00	1	0	0	0	33	62	106	43	10	1	0	0	0	0	256	37-46	160
21:00	1	0	0	0	1	28	48	45	11	0	1	0	0	0	135	40-49	87
22:00	0	0	0	0	1	8	27	24	3	0	1	0	0	0	64	41-50	46
23:00	0	0	0	2	1	5	23	13	5	3	0	0	0	0	52	40-49	33
<b>Total</b>	19	1	4	36	280	1377	2365	1445	271	34	7	1	1	0	5841		
<b>Percent</b>	0.3%	0.0%	0.1%	0.6%	4.8%	23.6%	40.5%	24.7%	4.6%	0.6%	0.1%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	06:00	10:00	10:00	08:00	10:00	11:00	11:00	11:00	10:00	10:00	06:00	02:00	03:00		11:00		
<b>Vol.</b>	2	1	1	3	20	101	170	128	25	3	1	1	1		441		
<b>PM Peak</b>	15:00		15:00	15:00	18:00	18:00	18:00	12:00	17:00	16:00	15:00				18:00		
<b>Vol.</b>	9		3	14	38	161	236	127	24	5	1				543		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	3	4	10	7	0	0	0	0	0	0	24	39-48	16
01:00	0	0	0	0	0	1	2	3	2	0	0	0	0	0	8	44-53	5
02:00	0	0	0	0	1	2	2	3	1	0	0	0	0	0	9	39-48	5
03:00	0	0	0	0	1	1	6	5	2	0	0	0	0	0	15	41-50	10
04:00	0	0	0	0	1	9	15	6	1	1	0	0	0	0	33	37-46	23
05:00	0	0	0	0	6	12	37	23	4	2	1	0	0	0	85	40-49	56
06:00	0	0	1	2	12	40	77	64	9	3	1	0	0	0	209	40-49	133
07:00	1	0	4	12	23	101	158	99	20	2	1	0	0	0	421	38-47	258
08:00	1	0	3	14	40	99	136	75	10	1	0	0	0	0	379	37-46	225
09:00	2	1	0	10	40	87	148	64	8	2	0	0	0	0	362	38-47	224
10:00	1	0	4	6	43	116	120	69	10	2	0	0	0	0	371	37-46	221
11:00	0	2	0	10	35	104	142	115	21	1	0	0	0	0	430	39-48	252
12 PM	4	0	2	21	45	103	155	68	10	2	0	0	0	0	410	37-46	243
13:00	3	0	3	15	37	111	136	76	17	1	1	0	0	0	400	37-46	233
14:00	0	1	1	7	59	163	196	72	10	0	0	0	0	0	509	37-46	331
15:00	4	3	12	33	128	295	216	67	9	1	0	0	0	0	768	35-44	478
16:00	10	10	14	24	131	285	266	70	6	0	0	0	0	0	816	35-44	502
17:00	1	1	13	22	95	268	247	112	18	2	0	0	0	0	779	36-45	477
18:00	1	0	0	3	58	163	175	94	14	1	0	0	0	0	509	37-46	316
19:00	2	0	0	18	55	140	151	64	12	2	1	0	0	0	445	36-45	269
20:00	0	0	0	3	23	103	135	59	8	2	0	0	0	0	333	37-46	223
21:00	0	0	0	5	21	50	91	32	10	0	0	0	0	0	209	37-46	134
22:00	0	0	0	5	6	17	35	24	6	1	0	0	0	0	94	40-49	56
23:00	0	0	0	0	2	13	36	29	8	0	0	0	0	0	88	40-49	60
<b>Total</b>	30	18	57	210	865	2287	2692	1300	216	26	5	0	0	0	7706		
<b>Percent</b>	0.4%	0.2%	0.7%	2.7%	11.2%	29.7%	34.9%	16.9%	2.8%	0.3%	0.1%	0.0%	0.0%	0.0%			
AM Peak	09:00	11:00	07:00	08:00	10:00	10:00	07:00	11:00	11:00	06:00	05:00				11:00		
Vol.	2	2	4	14	43	116	158	115	21	3	1				430		
PM Peak	16:00	16:00	16:00	15:00	16:00	15:00	16:00	17:00	17:00	12:00	13:00				16:00		
Vol.	10	10	14	33	131	295	266	112	18	2	1				816		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/03/17	1	0	0	0	1	8	11	11	1	0	0	0	0	0	33	40-49	20
01:00	0	0	0	0	1	3	6	5	2	0	1	0	0	0	18	41-50	10
02:00	0	0	0	0	3	2	3	1	3	1	0	0	0	0	13	30-39	5
03:00	0	0	0	1	0	5	1	4	5	0	0	0	0	0	16	46-55	8
04:00	0	0	0	3	0	3	12	10	2	1	0	0	0	0	31	40-49	20
05:00	0	0	0	0	4	18	34	25	6	0	0	0	0	0	87	40-49	56
06:00	1	6	1	5	10	43	84	56	11	0	0	0	0	0	217	39-48	132
07:00	3	0	0	7	53	164	108	70	7	1	0	0	0	0	413	35-44	254
08:00	2	0	0	13	39	119	109	69	15	2	0	0	0	0	368	36-45	213
09:00	2	0	2	7	40	95	137	55	6	3	0	0	0	0	347	37-46	218
10:00	1	0	0	6	37	126	137	63	15	0	0	0	0	0	385	37-46	243
11:00	13	0	4	5	41	122	139	67	14	0	1	0	0	0	406	37-46	238
12 PM	0	0	10	15	53	117	151	100	16	2	1	0	0	0	465	38-47	261
13:00	4	1	1	12	34	135	170	81	15	1	0	0	0	0	454	37-46	284
14:00	2	0	1	8	54	167	218	80	4	0	1	0	0	0	535	37-46	356
15:00	3	2	15	24	95	319	241	68	1	2	0	0	0	0	770	35-44	513
16:00	8	6	17	42	178	351	227	45	6	0	0	0	0	0	880	34-43	552
17:00	7	7	30	47	157	415	258	60	4	0	0	0	0	0	985	35-44	629
18:00	4	0	10	45	172	260	146	33	2	0	0	0	0	0	672	33-42	420
19:00	2	0	0	24	140	219	99	25	0	1	0	0	0	0	510	33-42	342
20:00	1	1	3	27	82	165	107	18	1	0	0	0	0	0	405	34-43	261
21:00	1	4	4	9	36	105	76	17	0	1	0	0	0	0	253	35-44	166
22:00	0	0	0	3	11	29	52	36	10	1	0	0	0	0	142	39-48	85
23:00	0	1	3	1	9	23	15	26	7	2	0	0	0	0	87	39-48	40
Total	55	28	101	304	1250	3013	2541	1025	153	18	4	0	0	0	8492		
Percent	0.6%	0.3%	1.2%	3.6%	14.7%	35.5%	29.9%	12.1%	3.6%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	06:00	11:00	08:00	07:00	07:00	11:00	07:00	08:00	09:00	01:00				07:00		
Vol.	13	6	4	13	53	164	139	70	15	3	1				413		
PM Peak	16:00	17:00	17:00	17:00	16:00	17:00	17:00	12:00	12:00	12:00	12:00				17:00		
Vol.	8	7	30	47	178	415	258	100	16	2	1				985		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39003 speed1  
Count 14  
Grandview and Canal

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	0	1	9	11	14	2	1	1	0	0	0	39	41-50	23
01:00	0	0	0	0	4	5	6	3	2	1	0	0	0	0	21	36-45	11
02:00	0	0	0	3	1	2	6	2	3	1	0	0	0	0	18	39-48	8
03:00	1	0	0	0	0	2	6	4	1	1	0	0	0	0	15	39-48	9
04:00	0	0	0	0	3	6	15	9	1	0	0	0	0	0	34	39-48	23
05:00	0	0	0	2	2	16	30	27	9	1	0	0	0	0	87	40-49	54
06:00	0	0	5	8	21	54	79	54	3	2	0	0	0	0	226	39-48	133
07:00	0	0	0	18	58	122	108	65	11	0	0	0	0	0	382	36-45	217
08:00	0	0	9	15	67	158	100	37	9	1	0	0	0	0	396	35-44	245
09:00	4	1	2	12	21	86	129	51	12	2	1	0	0	0	321	37-46	200
10:00	1	0	4	11	26	100	107	66	13	1	0	0	0	0	329	37-46	195
11:00	2	0	13	11	36	103	149	64	9	2	0	0	0	0	389	37-46	237
12 PM	5	1	6	11	64	134	143	61	10	2	0	0	0	0	437	36-45	256
13:00	3	0	2	19	63	135	144	76	7	2	0	0	0	0	451	36-45	261
14:00	3	0	7	31	76	184	171	69	5	0	0	0	0	0	546	36-45	328
15:00	3	1	10	54	204	372	172	29	4	0	0	0	0	0	849	33-42	561
16:00	60	69	83	115	301	255	120	22	3	0	0	0	0	0	1028	31-40	479
17:00	157	114	155	198	302	159	40	2	0	0	0	0	0	0	1127	27-36	417
18:00	52	12	22	75	288	282	88	23	1	0	0	0	0	0	843	31-40	493
19:00	1	0	0	29	149	203	138	41	8	0	1	0	0	0	570	33-42	347
20:00	2	0	4	16	84	191	172	27	0	0	0	0	0	0	496	35-44	334
21:00	0	0	3	9	27	87	100	37	6	1	0	0	0	0	270	37-46	172
22:00	1	0	5	3	9	31	48	31	8	2	0	0	0	0	138	38-47	79
23:00	0	0	0	2	6	23	33	27	10	0	0	1	0	0	102	40-49	58
<b>Total</b>	295	198	330	642	1813	2719	2115	841	137	20	3	1	0	0	9114		
<b>Percent</b>	3.2%	2.2%	3.6%	7.0%	19.9%	29.8%	23.2%	9.2%	1.5%	0.2%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	09:00	09:00	11:00	07:00	08:00	08:00	11:00	10:00	10:00	06:00	08:00	00:00			08:00		
<b>Vol.</b>	4	1	13	18	67	158	149	66	13	2	1				396		
<b>PM Peak</b>	17:00	17:00	17:00	17:00	17:00	15:00	15:00	13:00	12:00	12:00	19:00	23:00			17:00		
<b>Vol.</b>	157	114	155	198	302	372	172	76	10	2	1	1			1127		
<b>Total</b>	493	281	591	1586	7033	17461	18313	8189	1377	168	24	3	1	0	55520		
<b>Percent</b>	0.9%	0.5%	1.1%	2.9%	12.7%	31.4%	33.0%	14.7%	2.5%	0.3%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 33 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 46 MPH  
 95th Percentile : 49 MPH

Stats  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 32990  
 Percent in Pace : 59.4%  
 Number of Vehicles > 55 MPH : 196  
 Percent of Vehicles > 55 MPH : 0.4%  
 Mean Speed(Average) : 40 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/28/17	1	0	0	0	0	1	7	8	7	3	0	1	0	1	29	43-52	15
01:00	0	0	0	0	0	0	3	3	5	3	2	0	0	0	16	49-58	8
02:00	0	0	0	0	0	1	2	0	2	2	0	0	0	0	7	51-60	4
03:00	0	0	0	0	0	0	2	4	4	5	1	1	0	0	17	49-58	9
04:00	1	0	0	0	0	2	8	22	23	11	0	2	0	0	69	47-56	41
05:00	2	0	0	0	0	0	30	85	59	18	7	0	0	0	201	45-54	133
06:00	3	0	0	1	24	66	162	180	97	14	4	0	0	0	551	42-51	320
07:00	<b>9</b>	<b>14</b>	<b>36</b>	<b>48</b>	<b>71</b>	<b>122</b>	<b>281</b>	<b>224</b>	<b>62</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>875</b>	<b>40-49</b>	<b>464</b>
08:00	9	6	20	24	34	101	172	217	100	7	1	0	0	0	691	42-51	362
09:00	1	0	0	1	5	36	142	215	58	6	1	0	0	0	465	42-51	329
10:00	7	1	1	5	2	19	102	195	66	4	1	1	0	0	404	43-52	278
11:00	6	0	0	0	3	41	124	165	62	11	1	0	0	0	413	42-51	266
12 PM	<b>10</b>	0	0	2	4	27	164	179	56	7	0	0	0	0	449	41-50	306
13:00	8	0	0	3	14	44	142	194	57	7	1	0	0	0	470	42-51	305
14:00	5	0	0	1	3	31	190	208	62	9	1	0	0	0	510	41-50	359
15:00	8	0	<b>4</b>	11	30	66	174	164	62	12	1	0	0	0	532	41-50	309
16:00	8	<b>5</b>	4	<b>13</b>	<b>36</b>	88	188	187	67	2	<b>2</b>	0	0	0	600	41-50	344
17:00	3	0	3	5	31	<b>112</b>	<b>220</b>	219	<b>68</b>	8	0	0	0	0	<b>669</b>	41-50	406
18:00	4	0	0	1	16	52	181	<b>243</b>	56	4	1	0	0	0	558	42-51	384
19:00	4	1	0	0	1	21	120	123	27	4	2	<b>1</b>	0	0	304	41-50	217
20:00	1	1	1	0	0	6	76	75	41	5	0	0	0	0	206	42-51	139
21:00	1	0	0	0	1	4	35	75	49	<b>18</b>	1	0	0	0	184	44-53	118
22:00	1	0	0	0	1	6	15	30	29	9	0	0	0	0	91	46-55	54
23:00	0	0	0	0	0	0	8	10	13	2	1	0	<b>1</b>	0	35	45-54	22
Total	92	28	69	115	276	846	2548	3025	1132	177	29	7	1	1	8346		
Percent	1.1%	0.3%	0.8%	1.4%	3.3%	10.1%	30.5%	36.2%	13.6%	2.1%	0.3%	0.1%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	05:00	05:00	04:00		00:00	07:00		
Vol.	9	14	36	48	71	122	281	224	100	18	7	2		1	875		
PM Peak	12:00	16:00	15:00	16:00	16:00	17:00	17:00	18:00	17:00	21:00	16:00	19:00	23:00		17:00		
Vol.	10	5	4	13	36	112	220	243	68	18	2	1	1		669		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/29/17	0	0	0	0	0	1	6	9	4	3	1	0	0	1	25	43-52	14
01:00	0	0	0	0	0	1	6	5	4	1	0	1	0	0	18	43-52	10
02:00	0	0	0	0	0	1	2	1	2	4	0	0	0	0	10	53-62	5
03:00	0	0	0	0	0	2	1	6	5	2	3	1	0	0	20	46-55	10
04:00	1	0	0	0	0	0	5	26	22	7	3	2	0	0	66	46-55	43
05:00	2	0	0	0	0	0	26	104	51	15	5	1	0	0	204	45-54	144
06:00	0	0	4	8	14	34	119	222	84	14	2	0	0	0	501	43-52	327
07:00	6	12	21	51	50	121	230	222	68	12	0	0	0	0	793	40-49	416
08:00	9	4	15	19	48	95	195	233	82	9	0	1	0	0	710	41-50	393
09:00	1	0	0	0	7	45	141	212	52	4	1	0	0	0	463	42-51	324
10:00	3	1	2	0	3	57	212	193	39	7	3	0	0	0	520	41-50	366
11:00	3	0	0	1	9	55	156	189	58	7	0	1	0	0	479	41-50	316
12 PM	8	0	0	4	13	87	176	170	50	11	1	0	0	0	520	41-50	317
13:00	5	0	0	2	3	52	175	210	38	6	0	0	0	0	491	41-50	347
14:00	5	0	4	9	12	72	200	207	65	5	0	0	0	0	579	41-50	372
15:00	10	4	6	6	44	110	201	155	46	7	0	0	0	0	589	40-49	333
16:00	7	0	0	3	16	107	216	171	53	9	2	0	0	0	584	40-49	362
17:00	3	0	9	12	32	76	198	240	68	17	2	0	0	0	657	41-50	401
18:00	1	0	0	2	19	63	253	254	62	11	1	0	0	0	666	41-50	461
19:00	1	0	0	1	2	42	161	168	47	4	0	0	0	0	426	41-50	300
20:00	0	0	0	0	0	24	62	100	39	8	0	0	0	0	233	42-51	153
21:00	2	0	0	0	1	6	74	85	43	6	2	0	0	0	219	42-51	147
22:00	0	0	0	0	0	4	18	44	36	7	1	0	0	0	110	45-54	74
23:00	0	0	1	0	1	1	20	31	11	2	1	0	0	0	68	42-51	48
<b>Total</b>	67	21	62	118	274	1056	2853	3257	1029	178	28	7	0	1	8951		
<b>Percent</b>	0.7%	0.2%	0.7%	1.3%	3.1%	11.8%	31.9%	36.4%	11.5%	2.0%	0.3%	0.1%	0.0%	0.0%			
<b>AM Peak</b>	08:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	06:00	05:00	05:00	04:00		00:00	07:00		
<b>Vol.</b>	9	12	21	51	50	121	230	233	84	15	5	2		1	793		
<b>PM Peak</b>	15:00	15:00	17:00	17:00	15:00	15:00	18:00	18:00	17:00	17:00	16:00				18:00		
<b>Vol.</b>	10	4	9	12	44	110	253	254	68	17	2				666		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/30/17	0	0	0	0	0	0	9	10	9	4	1	0	1	0	34	44-53	19
01:00	1	0	0	0	0	0	5	5	6	1	1	0	0	0	19	45-54	10
02:00	0	0	0	0	0	0	3	7	6	3	0	0	0	0	19	46-55	12
03:00	1	0	0	0	0	0	2	8	7	3	1	0	0	1	23	47-56	13
04:00	0	0	0	0	0	3	3	12	14	3	2	1	1	1	40	46-55	24
05:00	0	0	0	0	0	0	7	21	30	17	3	0	1	0	79	48-57	50
06:00	1	0	0	0	1	0	30	82	47	20	3	0	1	0	185	45-54	122
07:00	0	0	0	0	0	6	36	109	68	28	3	0	0	0	250	45-54	166
08:00	6	0	0	0	0	9	96	185	96	26	2	0	0	0	420	43-52	278
09:00	5	7	3	9	11	49	193	274	70	4	0	0	0	0	625	42-51	423
10:00	3	0	2	16	56	150	281	220	56	3	0	0	0	0	787	40-49	474
11:00	1	1	4	20	50	108	228	188	60	10	1	0	0	0	671	40-49	389
12 PM	2	1	10	22	32	100	200	190	58	3	1	0	0	0	619	40-49	361
13:00	4	4	10	12	47	108	170	150	72	9	2	0	0	0	588	40-49	303
14:00	1	0	0	4	20	72	192	202	51	7	0	1	0	0	550	41-50	361
15:00	1	1	5	7	33	85	184	165	59	4	1	0	0	0	545	40-49	324
16:00	4	0	1	3	6	56	224	187	52	6	1	0	0	0	540	41-50	372
17:00	0	0	1	4	17	63	223	225	61	7	1	0	0	0	602	41-50	409
18:00	1	0	3	6	16	79	207	213	50	6	1	0	0	0	582	41-50	385
19:00	1	0	0	0	6	26	127	153	35	3	1	0	0	0	352	41-50	253
20:00	0	0	0	0	8	53	109	112	39	2	2	0	0	0	325	41-50	206
21:00	0	0	0	0	11	23	68	84	35	5	1	0	0	0	227	42-51	142
22:00	0	0	0	0	0	2	31	51	40	5	1	0	0	0	130	44-53	87
23:00	0	0	0	0	0	0	9	25	22	6	2	1	0	0	65	46-55	43
<b>Total</b>	<b>32</b>	<b>14</b>	<b>39</b>	<b>103</b>	<b>314</b>	<b>992</b>	<b>2637</b>	<b>2878</b>	<b>1043</b>	<b>185</b>	<b>31</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>8277</b>		
Percent	0.4%	0.2%	0.5%	1.2%	3.8%	12.0%	31.9%	34.8%	12.6%	2.2%	0.4%	0.0%	0.0%	0.0%			
AM Peak	08:00	09:00	11:00	11:00	10:00	10:00	10:00	09:00	08:00	07:00	05:00	04:00	00:00	03:00	10:00		
Vol.	6	7	4	20	56	150	281	274	96	28	3	1	1	1	787		
PM Peak	13:00	13:00	12:00	12:00	13:00	13:00	16:00	17:00	13:00	13:00	13:00	14:00			12:00		
Vol.	4	4	10	22	47	108	224	225	72	9	2	1			619		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	0	0	7	18	8	5	0	0	0	0	38	44-53	26
01:00	1	0	0	0	0	0	1	10	10	3	0	0	0	0	25	46-55	18
02:00	1	0	0	0	0	0	3	8	7	1	1	0	0	0	21	46-55	13
03:00	0	0	0	0	0	0	0	9	6	1	1	1	0	0	18	46-55	13
04:00	0	0	0	0	0	0	1	11	6	5	1	0	0	1	25	45-54	16
05:00	0	0	0	0	0	0	4	17	22	6	2	0	1	0	52	46-55	36
06:00	0	0	0	0	0	5	14	47	31	16	2	0	0	0	115	45-54	73
07:00	1	0	0	0	0	7	44	70	64	14	3	0	0	0	203	45-54	126
08:00	2	0	0	0	0	14	69	170	82	14	4	0	0	0	355	44-53	246
09:00	2	0	0	3	14	44	179	206	77	5	3	0	0	0	533	42-51	353
10:00	3	0	5	4	17	83	246	240	57	4	0	0	0	2	661	41-50	443
11:00	1	0	3	5	18	67	201	193	63	5	1	0	0	0	557	41-50	362
12 PM	7	0	3	6	27	66	149	192	61	5	0	0	0	0	516	41-50	312
13:00	4	0	2	6	28	93	161	181	46	6	2	0	0	0	529	41-50	316
14:00	7	3	4	6	7	39	157	175	49	8	1	0	0	0	456	41-50	298
15:00	5	0	0	0	1	34	173	193	42	1	1	0	0	0	450	41-50	328
16:00	4	0	0	3	5	26	150	210	65	8	1	0	0	0	472	42-51	330
17:00	5	0	0	0	0	9	101	186	95	24	1	0	0	0	421	43-52	282
18:00	0	0	0	0	7	37	144	147	48	5	0	0	0	0	388	41-50	266
19:00	3	0	0	3	0	9	90	111	35	8	0	0	0	0	259	42-51	182
20:00	0	0	0	0	0	10	52	80	35	4	0	0	0	0	181	43-52	125
21:00	1	0	0	0	0	3	18	35	22	9	1	0	0	0	89	44-53	55
22:00	0	0	0	0	0	1	11	40	23	5	3	1	0	0	84	45-54	59
23:00	0	0	0	0	0	4	3	13	7	2	0	0	0	0	29	45-54	19
<b>Total</b>	<b>47</b>	<b>3</b>	<b>17</b>	<b>36</b>	<b>124</b>	<b>551</b>	<b>1978</b>	<b>2562</b>	<b>961</b>	<b>164</b>	<b>28</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>6477</b>		
<b>Percent</b>	<b>0.7%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.6%</b>	<b>1.9%</b>	<b>8.5%</b>	<b>30.5%</b>	<b>39.6%</b>	<b>14.8%</b>	<b>2.5%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>		<b>10:00</b>	<b>11:00</b>	<b>11:00</b>	<b>10:00</b>	<b>10:00</b>	<b>10:00</b>	<b>08:00</b>	<b>06:00</b>	<b>08:00</b>	<b>03:00</b>	<b>05:00</b>	<b>10:00</b>	<b>10:00</b>		
<b>Vol.</b>	<b>3</b>		<b>5</b>	<b>5</b>	<b>18</b>	<b>83</b>	<b>246</b>	<b>240</b>	<b>82</b>	<b>16</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>661</b>		
<b>PM Peak</b>	<b>12:00</b>	<b>14:00</b>	<b>14:00</b>	<b>12:00</b>	<b>13:00</b>	<b>13:00</b>	<b>15:00</b>	<b>16:00</b>	<b>17:00</b>	<b>17:00</b>	<b>22:00</b>	<b>22:00</b>			<b>13:00</b>		
<b>Vol.</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>28</b>	<b>93</b>	<b>173</b>	<b>210</b>	<b>95</b>	<b>24</b>	<b>3</b>	<b>1</b>			<b>529</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	0	1	5	2	3	3	0	0	0	0	14	39-48	7
01:00	0	0	0	0	0	0	4	4	0	4	0	0	0	0	12	41-50	7
02:00	1	0	0	0	0	0	3	1	1	4	0	0	0	0	10	54-63	4
03:00	0	0	0	0	0	0	3	5	6	7	0	0	0	0	21	51-60	12
04:00	0	0	0	0	0	3	9	17	21	11	<b>3</b>	<b>1</b>	0	0	65	47-56	36
05:00	0	0	0	0	0	3	45	90	41	<b>15</b>	1	1	0	0	196	43-52	133
06:00	1	0	0	3	23	50	145	177	85	12	1	0	0	0	497	42-51	302
07:00	1	1	6	<b>14</b>	<b>58</b>	<b>94</b>	<b>233</b>	<b>287</b>	71	9	1	0	0	0	<b>775</b>	41-50	477
08:00	<b>5</b>	<b>9</b>	<b>7</b>	6	36	73	216	223	<b>92</b>	12	2	0	0	0	681	41-50	401
09:00	1	0	0	1	5	61	195	160	49	2	0	0	0	0	474	41-50	325
10:00	3	3	0	11	14	71	158	121	40	8	0	0	0	0	429	40-49	260
11:00	5	0	0	1	10	75	152	156	42	3	0	0	0	0	444	41-50	283
12 PM	2	0	0	10	24	77	171	130	35	2	0	0	0	0	451	40-49	282
13:00	7	0	0	2	5	77	185	160	32	3	0	<b>1</b>	0	0	472	40-49	315
14:00	6	0	3	3	27	89	232	141	41	5	0	0	0	0	547	40-49	350
15:00	<b>14</b>	3	<b>8</b>	<b>22</b>	<b>51</b>	136	193	110	21	1	0	1	0	0	560	38-47	312
16:00	6	0	0	22	31	<b>173</b>	213	118	26	4	0	1	0	0	594	37-46	363
17:00	5	1	2	13	34	125	<b>248</b>	146	<b>54</b>	4	1	0	0	0	<b>633</b>	39-48	383
18:00	9	<b>5</b>	7	7	27	60	159	<b>164</b>	41	<b>12</b>	0	1	0	0	492	41-50	291
19:00	2	0	0	0	8	37	116	121	33	1	0	0	0	0	318	41-50	216
20:00	0	0	0	0	6	11	44	78	26	6	<b>3</b>	0	0	<b>1</b>	175	42-51	115
21:00	0	0	0	0	0	2	17	56	34	7	2	0	0	0	118	45-54	84
22:00	1	0	0	0	0	2	18	29	26	9	0	0	0	0	85	45-54	52
23:00	0	0	0	0	0	1	8	10	8	1	1	0	0	0	29	42-51	18
<b>Total</b>	<b>69</b>	<b>22</b>	<b>33</b>	<b>115</b>	<b>359</b>	<b>1221</b>	<b>2772</b>	<b>2506</b>	<b>828</b>	<b>145</b>	<b>15</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>8092</b>		
<b>Percent</b>	<b>0.9%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>1.4%</b>	<b>4.4%</b>	<b>15.1%</b>	<b>34.3%</b>	<b>31.0%</b>	<b>10.2%</b>	<b>1.8%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>08:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>05:00</b>	<b>04:00</b>	<b>04:00</b>			<b>07:00</b>		
<b>Vol.</b>	<b>5</b>	<b>9</b>	<b>7</b>	<b>14</b>	<b>58</b>	<b>94</b>	<b>233</b>	<b>287</b>	<b>92</b>	<b>15</b>	<b>3</b>	<b>1</b>			<b>775</b>		
<b>PM Peak</b>	<b>15:00</b>	<b>18:00</b>	<b>15:00</b>	<b>15:00</b>	<b>15:00</b>	<b>16:00</b>	<b>17:00</b>	<b>18:00</b>	<b>17:00</b>	<b>18:00</b>	<b>20:00</b>	<b>13:00</b>		<b>20:00</b>	<b>17:00</b>		
<b>Vol.</b>	<b>14</b>	<b>5</b>	<b>8</b>	<b>22</b>	<b>51</b>	<b>173</b>	<b>248</b>	<b>164</b>	<b>54</b>	<b>12</b>	<b>3</b>	<b>1</b>		<b>1</b>	<b>633</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/03/17	0	0	0	0	0	0	7	7	6	4	1	0	0	0	0	25	43-52	14
01:00	1	0	0	0	0	0	2	3	2	1	0	0	0	0	1	10	43-52	5
02:00	0	0	0	0	0	0	2	7	2	1	1	0	0	0	0	13	43-52	9
03:00	0	0	0	0	0	3	2	12	2	5	3	0	0	0	0	27	42-51	14
04:00	1	0	0	0	0	0	5	30	23	13	3	1	0	0	0	76	46-55	48
05:00	1	0	0	0	2	12	46	88	58	16	2	0	1	0	0	226	44-53	141
06:00	2	2	2	13	60	74	146	194	70	8	1	1	0	0	0	573	42-51	316
07:00	<b>31</b>	<b>24</b>	<b>39</b>	<b>47</b>	<b>97</b>	<b>196</b>	<b>314</b>	177	55	4	0	0	0	0	0	<b>984</b>	38-47	484
08:00	24	17	18	31	101	183	296	142	40	1	1	0	0	0	0	854	38-47	448
09:00	4	1	2	10	32	127	246	155	19	1	0	0	0	0	0	597	39-48	387
10:00	10	0	2	15	44	125	220	135	24	0	0	0	0	0	0	575	39-48	346
11:00	5	0	0	1	11	119	246	154	21	6	1	0	0	0	0	564	39-48	383
12 PM	11	2	2	12	34	134	210	118	26	1	0	0	0	0	0	550	38-47	332
13:00	<b>16</b>	<b>15</b>	<b>11</b>	12	40	109	190	142	18	3	1	0	0	0	0	557	39-48	308
14:00	14	0	0	0	18	144	<b>287</b>	125	23	2	0	0	0	0	0	613	38-47	416
15:00	8	2	2	13	<b>60</b>	<b>164</b>	176	114	33	2	1	0	0	0	0	575	37-46	319
16:00	11	0	1	<b>23</b>	55	161	240	136	30	5	1	0	0	0	0	<b>663</b>	38-47	386
17:00	3	0	1	8	46	146	212	<b>185</b>	<b>35</b>	2	<b>3</b>	0	0	0	0	641	39-48	380
18:00	6	3	1	4	23	100	194	156	35	<b>9</b>	2	0	0	0	0	533	40-49	326
19:00	4	2	0	1	8	35	127	117	27	8	1	0	<b>1</b>	0	0	331	41-50	220
20:00	6	1	0	0	5	47	77	96	29	7	1	0	0	0	0	269	41-50	158
21:00	1	0	0	0	0	17	49	59	30	3	0	0	0	0	0	159	42-51	101
22:00	1	0	0	0	0	2	25	38	24	3	1	0	1	0	0	95	44-53	62
23:00	2	0	0	0	0	1	10	19	6	4	0	<b>1</b>	0	0	0	43	43-52	26
Total	162	69	81	190	636	1899	3329	2409	638	109	24	3	3	1	0	9553		
Percent	1.7%	0.7%	0.8%	2.0%	6.7%	19.9%	34.8%	25.2%	6.7%	1.1%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	08:00	07:00	07:00	06:00	06:00	05:00	03:00	04:00	05:00	01:00	07:00			
Vol.	31	24	39	47	101	196	314	194	70	16	3	1	1	1	984			
PM Peak	13:00	13:00	13:00	16:00	15:00	15:00	14:00	17:00	17:00	18:00	17:00	23:00	19:00	16:00				
Vol.	16	15	11	23	60	164	287	185	35	9	3	1	1	663				

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

39004 speed1  
Count 14  
Grandview and Canal

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/04/17	1	0	0	0	0	0	5	9	7	3	0	0	0	0	0	25	44-53	15
01:00	0	0	0	0	0	0	4	4	6	0	0	2	0	0	0	16	46-55	9
02:00	0	0	0	0	0	4	1	3	2	0	0	0	0	0	0	10	34-43	5
03:00	0	0	0	0	0	0	1	7	7	5	1	0	0	0	0	21	48-57	13
04:00	0	0	0	0	0	2	5	25	23	9	5	1	0	0	0	70	46-55	44
05:00	3	0	0	0	0	1	30	123	68	17	4	1	0	0	0	247	45-54	176
06:00	2	0	7	20	37	130	213	178	53	11	1	0	0	0	0	652	40-49	372
07:00	2	12	29	67	298	362	166	36	4	0	0	0	0	0	0	976	32-41	612
08:00	18	18	33	50	136	280	300	147	12	2	0	0	0	0	0	996	36-45	532
09:00	3	1	2	19	57	129	202	158	31	5	0	0	0	0	0	607	39-48	347
10:00	6	6	6	10	23	68	167	142	38	4	0	0	0	0	0	470	40-49	281
11:00	5	1	3	6	27	58	129	176	33	4	0	0	0	0	0	442	41-50	277
12 PM	8	2	1	15	21	72	161	170	27	3	0	0	0	0	0	480	41-50	299
13:00	6	0	8	8	20	81	166	128	32	3	0	0	0	0	0	452	40-49	274
14:00	6	0	1	3	36	105	215	146	28	1	0	0	0	0	0	541	39-48	342
15:00	8	2	2	17	57	168	162	114	30	2	2	0	0	0	0	564	37-46	309
16:00	9	3	0	13	56	152	173	96	23	2	0	2	0	0	0	529	37-46	302
17:00	5	1	2	7	31	131	242	133	19	5	1	0	0	0	0	577	39-48	371
18:00	3	0	0	12	25	112	194	115	19	2	0	0	0	0	0	482	39-48	306
19:00	4	0	0	4	24	65	137	97	27	6	0	0	0	0	0	364	40-49	220
20:00	1	0	0	0	2	28	76	92	33	8	0	1	0	0	0	241	41-50	155
21:00	1	0	0	0	4	43	76	54	25	7	1	1	0	0	0	212	39-48	125
22:00	1	0	0	0	4	11	48	62	26	7	2	0	0	0	0	161	42-51	102
23:00	1	0	0	0	0	2	14	16	9	2	0	0	0	0	0	44	42-51	28
<b>Total</b>	93	46	94	251	858	2004	2887	2231	582	108	17	8	0	0	0	9179		
<b>Percent</b>	1.0%	0.5%	1.0%	2.7%	9.3%	21.8%	31.5%	24.3%	6.3%	1.2%	0.2%	0.1%	0.0%	0.0%				
<b>AM Peak</b>	08:00	08:00	08:00	07:00	07:00	07:00	08:00	06:00	05:00	05:00	04:00	08:00	01:00			08:00		
<b>Vol.</b>	18	18	33	67	298	362	300	178	68	17	5	2				996		
<b>PM Peak</b>	16:00	16:00	13:00	15:00	15:00	15:00	17:00	12:00	20:00	20:00	15:00	16:00				17:00		
<b>Vol.</b>	9	3	8	17	57	168	242	170	33	8	2	2				577		
<b>Total</b>	562	203	395	928	2841	8569	19004	18868	6213	1066	172	36	9	9		58875		
<b>Percent</b>	1.0%	0.3%	0.7%	1.6%	4.8%	14.6%	32.3%	32.0%	10.6%	1.8%	0.3%	0.1%	0.0%	0.0%				

15th Percentile : 37 MPH  
 50th Percentile : 44 MPH  
 85th Percentile : 50 MPH  
 95th Percentile : 53 MPH

Stats  
 10 MPH Pace Speed : 41-50 MPH  
 Number in Pace : 34778  
 Percent in Pace : 59.1%  
 Number of Vehicles > 55 MPH : 1292  
 Percent of Vehicles > 55 MPH : 2.2%  
 Mean Speed(Average) : 44 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	1	19	2	0	0	1	0	0	4	0	0	0	0	27
01:00	1	13	2	0	1	2	0	1	6	0	0	0	0	26
02:00	1	19	3	0	4	1	0	0	3	0	0	0	0	31
03:00	2	16	4	2	3	1	0	2	4	0	1	0	0	35
04:00	6	39	13	2	7	5	0	2	5	0	0	0	0	79
05:00	4	154	34	1	26	1	0	3	9	0	0	0	0	232
06:00	2	254	57	8	41	3	0	6	13	0	0	0	0	384
07:00	4	<b>326</b>	<b>64</b>	5	38	9	0	6	9	0	0	0	0	<b>461</b>
08:00	3	205	49	6	20	9	0	9	17	1	1	0	0	320
09:00	4	144	56	1	26	4	0	4	17	0	0	0	0	256
10:00	1	155	48	5	20	5	0	3	20	0	0	0	0	257
11:00	2	140	36	4	21	4	0	4	<b>24</b>	0	0	0	0	235
12 PM	0	165	37	5	27	3	0	4	10	0	0	0	0	251
13:00	3	170	56	8	27	2	0	9	<b>27</b>	0	0	0	0	302
14:00	6	208	<b>71</b>	4	18	4	0	4	16	0	0	0	0	331
15:00	4	224	67	6	35	4	0	7	13	0	0	0	0	360
16:00	0	279	62	6	30	0	0	1	17	0	0	0	0	395
17:00	2	<b>310</b>	61	2	<b>37</b>	2	0	3	10	0	0	0	0	<b>427</b>
18:00	3	184	44	0	21	3	0	2	13	0	0	0	0	270
19:00	7	119	38	0	14	3	0	2	8	0	0	0	0	191
20:00	7	113	25	2	9	3	0	2	12	0	0	0	0	173
21:00	1	119	14	0	10	2	0	1	8	0	0	0	0	155
22:00	2	91	21	0	3	2	0	2	6	0	0	0	0	127
23:00	1	46	6	1	4	1	0	0	10	0	0	0	0	69
Day Total	67	3512	870	68	442	74	0	77	281	1	2	0	0	5394
Percent	1.2%	65.1%	16.1%	1.3%	8.2%	1.4%	0.0%	1.4%	5.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	04:00	07:00	07:00	06:00	06:00	07:00		08:00	11:00	08:00	03:00			07:00
Vol.	6	326	64	8	41	9		9	24	1	1			461
PM Peak	19:00	17:00	14:00	13:00	17:00	14:00		13:00	13:00					17:00
Vol.	7	310	71	8	37	4		9	27					427

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	25	5	1	4	0	0	0	6	0	0	0	0	41
01:00	2	24	3	0	2	2	0	0	5	0	0	0	0	38
02:00	1	18	9	2	0	3	0	0	5	0	0	0	0	38
03:00	0	13	3	1	1	0	0	1	0	0	<b>1</b>	0	0	20
04:00	0	39	10	1	5	1	0	0	5	0	0	0	0	61
05:00	<b>7</b>	136	30	<b>3</b>	21	3	0	0	8	<b>1</b>	0	0	0	209
06:00	2	255	63	<b>9</b>	<b>46</b>	4	0	4	15	0	0	0	0	398
07:00	2	<b>312</b>	65	7	43	5	0	5	12	1	1	0	0	<b>453</b>
08:00	3	199	60	4	26	3	0	5	<b>16</b>	0	0	0	0	316
09:00	2	173	53	4	20	<b>6</b>	0	2	14	1	1	0	0	276
10:00	3	171	44	3	25	5	0	2	16	0	0	0	0	269
11:00	4	183	<b>66</b>	4	17	2	<b>1</b>	<b>6</b>	11	0	0	0	0	294
12 PM	3	203	60	0	27	<b>6</b>	0	3	<b>22</b>	0	0	0	0	324
13:00	3	227	72	3	37	4	0	6	12	0	0	0	0	364
14:00	<b>4</b>	255	88	4	26	5	0	5	17	0	0	0	0	404
15:00	2	286	<b>94</b>	<b>6</b>	29	3	0	3	12	<b>1</b>	0	0	0	436
16:00	3	<b>336</b>	90	5	<b>44</b>	3	0	5	18	0	0	0	0	<b>504</b>
17:00	1	336	84	2	42	3	0	7	22	0	0	0	0	497
18:00	1	259	50	1	20	3	0	<b>8</b>	7	0	0	0	0	349
19:00	1	170	49	4	20	2	0	2	5	0	0	0	0	253
20:00	2	156	30	1	18	2	0	2	8	0	0	0	0	219
21:00	2	150	33	0	9	3	0	1	3	0	0	0	0	201
22:00	0	151	26	1	5	1	0	2	4	0	0	0	0	190
23:00	1	100	21	1	6	0	0	1	7	0	0	0	0	137
Day Total	49	4177	1108	67	493	69	1	70	250	4	3	0	0	6291
Percent	0.8%	66.4%	17.6%	1.1%	7.8%	1.1%	0.0%	1.1%	4.0%	0.1%	0.0%	0.0%	0.0%	
AM Peak	05:00	07:00	11:00	06:00	06:00	09:00	11:00	11:00	08:00	05:00	03:00			07:00
Vol.	7	312	66	9	46	6	1	6	16	1	1			453
PM Peak	14:00	16:00	15:00	15:00	16:00	12:00		18:00	12:00	15:00				16:00
Vol.	4	336	94	6	44	6		8	22	1				504

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	1	71	19	0	7	0	0	0	0	0	0	0	0	98
01:00	0	51	8	0	3	1	0	0	5	0	0	0	0	68
02:00	0	41	11	0	3	3	0	1	7	0	0	0	0	66
03:00	1	25	6	0	2	1	0	0	3	0	0	0	0	38
04:00	0	34	9	0	2	2	0	1	5	0	0	0	0	53
05:00	3	49	11	1	6	4	0	1	6	0	1	0	0	82
06:00	1	82	21	0	16	1	0	0	9	0	0	0	0	130
07:00	3	108	33	1	17	4	0	3	7	0	0	0	0	176
08:00	4	133	37	5	21	4	0	2	9	0	0	0	0	215
09:00	1	264	68	3	23	3	0	1	10	0	0	0	0	373
10:00	4	290	85	0	22	2	0	3	13	0	0	0	0	419
11:00	2	325	84	3	26	2	0	2	10	0	0	0	0	454
12 PM	2	269	55	2	19	2	0	1	13	0	0	0	0	363
13:00	4	260	68	2	16	1	0	1	7	0	0	0	0	359
14:00	2	276	57	1	34	5	0	2	17	0	0	0	0	394
15:00	10	291	90	5	33	3	0	5	7	0	0	0	0	444
16:00	1	253	58	3	12	1	0	3	11	0	0	0	0	342
17:00	0	246	77	1	21	1	0	2	6	0	0	0	0	354
18:00	1	226	47	0	20	1	0	1	6	0	0	0	0	302
19:00	1	157	43	0	17	1	0	3	2	0	0	0	0	224
20:00	2	167	38	0	18	1	0	1	3	0	0	0	0	230
21:00	1	173	33	0	8	2	0	0	4	0	0	0	0	221
22:00	2	154	40	0	11	1	0	1	1	0	0	0	0	210
23:00	0	100	22	0	7	0	0	2	1	0	0	0	0	132
Day Total	46	4045	1020	27	364	46	0	36	162	0	1	0	0	5747
Percent	0.8%	70.4%	17.7%	0.5%	6.3%	0.8%	0.0%	0.6%	2.8%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	11:00	10:00	08:00	11:00	05:00		07:00	10:00		05:00			11:00
Vol.	4	325	85	5	26	4		3	13		1			454
PM Peak	15:00	15:00	15:00	15:00	14:00	14:00		15:00	14:00					15:00
Vol.	10	291	90	5	34	5		5	17					444



## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	92	20	0	3	0	0	0	0	0	0	0	0	115
01:00	0	54	8	0	4	0	0	0	1	0	0	0	0	67
02:00	0	36	8	0	3	0	0	0	1	0	0	0	0	48
03:00	0	20	5	0	2	0	0	0	3	0	0	0	0	30
04:00	1	35	3	0	5	3	0	0	2	0	0	0	0	49
05:00	1	39	12	0	1	2	0	0	4	0	0	0	0	59
06:00	1	66	13	0	7	2	0	0	2	0	0	0	0	91
07:00	2	71	21	1	12	4	0	1	3	0	0	0	0	115
08:00	2	123	33	1	12	3	0	0	2	0	0	0	0	176
09:00	3	240	72	0	25	4	0	2	6	0	0	0	0	352
10:00	1	<b>250</b>	<b>86</b>	1	18	2	0	0	<b>11</b>	0	0	0	0	<b>369</b>
11:00	1	237	58	4	26	4	0	3	11	0	0	0	0	344
12 PM	4	<b>252</b>	<b>67</b>	2	17	4	0	8	<b>11</b>	0	0	0	0	<b>365</b>
13:00	2	251	50	0	14	3	0	6	11	0	0	0	0	337
14:00	1	247	54	4	21	3	0	10	8	0	0	0	0	348
15:00	9	235	61	1	17	2	0	5	11	0	0	0	0	341
16:00	1	237	50	1	20	2	0	6	10	0	0	0	0	327
17:00	5	228	57	0	13	3	0	4	6	0	0	0	0	316
18:00	3	183	54	0	18	2	0	3	5	0	0	0	0	268
19:00	2	166	42	2	19	1	0	0	5	0	0	0	0	237
20:00	1	157	30	2	12	2	0	0	6	0	0	0	0	210
21:00	2	102	15	2	6	0	0	3	7	0	0	0	0	137
22:00	0	85	20	0	4	1	0	2	3	0	0	0	0	115
23:00	3	36	11	0	1	3	0	0	3	0	0	0	0	57
Day Total	45	3442	850	21	280	50	0	53	132	0	0	0	0	4873
Percent	0.9%	70.6%	17.4%	0.4%	5.7%	1.0%	0.0%	1.1%	2.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	10:00	10:00	11:00	11:00	07:00		11:00	10:00					10:00
Vol.	3	250	86	4	26	4		3	11					369
PM Peak	15:00	12:00	12:00	14:00	14:00	12:00		14:00	12:00					12:00
Vol.	9	252	67	4	21	4		10	11					365

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	21	2	1	2	1	0	0	3	0	0	0	0	30
01:00	1	24	5	0	1	0	0	1	2	0	0	0	0	34
02:00	1	14	2	0	1	1	0	0	8	0	0	0	0	27
03:00	0	12	5	0	1	0	0	1	4	0	0	0	0	23
04:00	2	51	11	0	4	0	0	0	5	0	0	0	0	73
05:00	1	120	31	2	19	1	0	0	11	0	0	0	0	185
06:00	4	301	58	8	49	6	1	5	12	0	0	0	0	444
07:00	2	353	75	6	30	8	0	9	11	0	0	0	0	494
08:00	1	222	59	4	23	2	1	5	15	0	0	0	0	332
09:00	2	143	49	6	17	3	0	5	17	0	0	0	0	242
10:00	0	138	45	8	23	3	0	6	26	0	0	0	0	249
11:00	2	158	37	2	25	3	0	5	9	0	0	0	0	241
12 PM	0	170	64	10	21	5	0	5	14	0	0	0	0	289
13:00	3	155	60	4	33	4	0	6	23	0	0	0	0	288
14:00	0	163	62	4	35	4	0	7	13	0	0	0	0	288
15:00	1	188	84	4	35	5	0	8	10	0	0	0	0	335
16:00	5	270	76	7	41	8	0	10	11	0	0	0	0	428
17:00	0	258	60	4	44	3	0	6	14	0	0	0	0	389
18:00	7	181	44	2	19	6	0	3	8	0	0	0	0	270
19:00	5	103	25	1	11	8	0	2	4	0	0	0	0	159
20:00	1	104	25	1	9	2	0	1	3	0	0	0	0	146
21:00	1	84	26	2	8	4	0	1	10	0	0	0	0	136
22:00	1	73	15	0	7	1	0	9	5	0	0	0	0	111
23:00	1	34	7	2	3	1	0	3	10	0	0	0	0	61
Day Total	41	3340	927	78	461	79	2	98	248	0	0	0	0	5274
Percent	0.8%	63.3%	17.6%	1.5%	8.7%	1.5%	0.0%	1.9%	4.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	07:00	06:00	06:00	07:00	06:00	07:00	10:00					07:00
Vol.	4	353	75	8	49	8	1	9	26					494
PM Peak	18:00	16:00	15:00	12:00	17:00	16:00		16:00	13:00					16:00
Vol.	7	270	84	10	44	8		10	23					428

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	0	31	2	2	2	0	0	1	6	0	0	0	0	44
01:00	0	14	1	0	1	1	0	1	9	0	0	0	0	27
02:00	0	14	4	0	2	1	0	0	3	0	0	0	0	24
03:00	0	12	2	1	0	2	0	0	2	0	1	0	0	20
04:00	<b>5</b>	43	14	0	6	4	0	1	9	0	0	0	0	82
05:00	4	127	39	4	22	4	0	1	13	0	<b>2</b>	0	0	216
06:00	3	312	63	5	54	4	0	8	6	0	0	0	0	455
07:00	0	<b>353</b>	<b>98</b>	5	<b>67</b>	3	0	<b>28</b>	18	0	1	0	0	<b>573</b>
08:00	2	256	89	4	47	<b>7</b>	0	21	13	0	2	0	0	441
09:00	1	183	76	<b>11</b>	33	5	0	24	19	0	0	0	0	352
10:00	0	134	67	4	35	1	0	14	<b>20</b>	0	0	0	0	275
11:00	3	148	69	4	35	7	0	12	13	0	0	0	0	291
12 PM	3	174	67	5	41	8	0	15	14	0	0	0	0	327
13:00	2	187	55	6	42	<b>9</b>	<b>2</b>	12	<b>16</b>	0	0	0	0	331
14:00	1	226	<b>94</b>	<b>7</b>	40	3	0	18	14	0	0	0	0	403
15:00	<b>6</b>	243	77	3	39	5	0	9	11	0	0	0	0	393
16:00	1	278	86	5	36	4	0	15	10	0	0	0	0	435
17:00	4	<b>299</b>	68	3	<b>44</b>	2	0	<b>26</b>	12	0	0	0	0	<b>458</b>
18:00	3	216	65	0	29	5	0	11	12	0	0	0	0	341
19:00	1	141	48	1	20	1	0	3	9	0	0	0	0	224
20:00	3	92	24	3	5	2	0	5	11	0	0	0	0	145
21:00	2	94	13	0	7	2	0	3	3	0	0	0	0	124
22:00	2	69	15	1	6	2	0	4	13	0	0	0	0	112
23:00	1	46	8	0	3	1	0	3	7	0	0	0	0	69
Day Total	47	3692	1144	74	616	83	2	235	263	0	6	0	0	6162
Percent	0.8%	59.9%	18.6%	1.2%	10.0%	1.3%	0.0%	3.8%	4.3%	0.0%	0.1%	0.0%	0.0%	
AM Peak	04:00	07:00	07:00	09:00	07:00	08:00		07:00	10:00		05:00			07:00
Vol.	5	353	98	11	67	7		28	20		2			573
PM Peak	15:00	17:00	14:00	14:00	17:00	13:00	13:00	17:00	13:00					17:00
Vol.	6	299	94	7	44	9	2	26	16					458

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 classification  
Count 15  
(743) Canal Road and Allentown Blvd

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	1	18	5	0	6	1	0	1	13	0	0	0	0	45
01:00	0	9	1	4	2	3	0	0	7	0	0	0	0	26
02:00	1	15	6	1	2	3	0	0	5	0	0	0	0	33
03:00	1	17	1	2	2	6	0	2	7	0	<b>2</b>	0	0	40
04:00	1	45	18	2	11	8	0	1	6	0	0	0	0	92
05:00	3	134	43	3	20	7	0	1	13	0	1	0	0	225
06:00	4	310	104	5	69	4	0	5	18	0	0	0	0	519
07:00	2	<b>403</b>	<b>138</b>	4	<b>95</b>	<b>11</b>	0	11	9	<b>1</b>	0	0	0	<b>674</b>
08:00	3	301	120	4	68	9	0	13	<b>21</b>	0	0	0	0	539
09:00	1	215	92	7	51	7	2	13	18	0	0	0	0	406
10:00	2	203	63	5	47	8	<b>3</b>	<b>15</b>	14	0	0	0	0	360
11:00	3	175	60	<b>9</b>	50	8	3	10	17	0	0	0	0	335
12 PM	1	242	72	5	42	4	1	12	<b>18</b>	0	0	0	0	397
13:00	<b>5</b>	223	72	1	44	4	0	13	18	0	0	0	0	380
14:00	4	240	76	4	32	5	<b>2</b>	8	15	0	0	0	0	386
15:00	3	249	<b>93</b>	5	33	<b>6</b>	0	12	16	0	0	0	0	417
16:00	2	306	82	<b>8</b>	36	2	0	<b>16</b>	17	0	0	0	0	469
17:00	4	<b>314</b>	91	2	<b>45</b>	3	0	8	13	0	0	0	0	<b>480</b>
18:00	3	238	66	3	36	3	0	4	8	0	0	0	0	361
19:00	2	132	45	2	20	2	0	1	12	0	0	0	0	216
20:00	2	93	24	2	14	1	0	0	7	0	0	0	0	143
21:00	1	89	17	1	7	0	0	4	9	0	0	0	0	128
22:00	1	76	21	0	7	1	0	1	11	0	0	0	0	118
23:00	0	26	6	0	4	1	0	2	9	0	0	0	0	48
Day Total	50	4073	1316	79	743	107	11	153	301	1	3	0	0	6837
Percent	0.7%	59.6%	19.2%	1.2%	10.9%	1.6%	0.2%	2.2%	4.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	07:00	11:00	07:00	07:00	10:00	10:00	08:00	07:00	03:00			07:00
Vol.	4	403	138	9	95	11	3	15	21	1	2			674
PM Peak	13:00	17:00	15:00	16:00	17:00	15:00	14:00	16:00	12:00					17:00
Vol.	5	314	93	8	45	6	2	16	18					480
Grand Total	345	26281	7235	414	3399	508	16	722	1637	6	15	0	0	40578
Percent	0.9%	64.8%	17.8%	1.0%	8.4%	1.3%	0.0%	1.8%	4.0%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	1	20	4	0	1	0	0	0	8	0	0	0	0	34
01:00	0	16	2	0	2	1	0	0	8	0	0	0	0	29
02:00	1	14	5	0	1	1	1	0	10	0	0	0	0	33
03:00	2	17	1	0	0	2	0	0	7	0	0	0	0	29
04:00	2	19	7	1	2	3	0	1	8	0	0	0	0	43
05:00	3	55	20	2	7	2	0	0	12	0	0	0	0	101
06:00	5	150	37	5	9	6	1	3	15	0	0	0	0	231
07:00	5	<b>318</b>	<b>77</b>	4	9	1	0	5	7	0	0	0	0	<b>426</b>
08:00	7	206	49	5	17	8	2	7	14	0	0	0	0	315
09:00	1	153	44	4	8	2	0	5	25	0	0	0	0	242
10:00	2	152	45	2	7	4	0	1	16	0	0	0	0	229
11:00	4	164	46	3	15	4	0	3	18	0	0	0	0	257
12 PM	5	167	46	2	14	7	3	3	25	0	0	0	0	272
13:00	3	151	51	5	9	1	0	7	24	0	0	0	0	251
14:00	4	247	68	7	23	1	0	6	23	0	0	0	0	379
15:00	16	371	93	7	27	6	0	2	17	0	0	0	0	539
16:00	4	389	79	5	36	3	0	4	12	0	0	0	0	532
17:00	3	366	88	4	28	1	0	5	24	0	0	0	0	519
18:00	1	257	63	2	21	2	0	4	14	0	0	0	0	364
19:00	2	236	47	0	7	1	0	1	9	0	0	0	0	303
20:00	2	162	42	1	10	4	0	0	6	0	0	0	0	227
21:00	1	104	18	1	3	3	0	1	11	0	0	1	0	143
22:00	0	83	21	2	0	2	0	2	10	0	2	0	0	122
23:00	2	59	9	1	3	1	0	1	4	0	0	0	0	80
Day Total	76	3876	962	63	259	66	7	61	327	0	2	1	0	5700
Percent	1.3%	68.0%	16.9%	1.1%	4.5%	1.2%	0.1%	1.1%	5.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	07:00	06:00	08:00	08:00	08:00	08:00	09:00					07:00
Vol.	7	318	77	5	17	8	2	7	25					426
PM Peak	15:00	16:00	15:00	14:00	16:00	12:00	12:00	13:00	12:00		22:00	21:00		15:00
Vol.	16	389	93	7	36	7	3	7	25		2	1		539

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	2	22	4	0	1	1	0	1	9	0	0	0	0	40
01:00	1	20	7	0	0	2	0	0	3	0	0	0	0	33
02:00	0	6	4	0	0	0	<b>1</b>	2	5	0	0	0	0	18
03:00	1	15	4	0	4	1	0	0	9	0	0	0	0	34
04:00	1	28	7	3	1	2	0	1	5	0	0	0	0	48
05:00	2	66	19	3	6	1	0	1	9	0	0	0	0	107
06:00	2	171	44	3	10	3	0	2	13	0	0	0	0	248
07:00	1	<b>303</b>	<b>68</b>	<b>5</b>	21	4	0	1	14	0	0	0	0	<b>417</b>
08:00	<b>4</b>	222	51	4	14	1	0	2	11	0	0	0	0	309
09:00	2	186	57	3	15	0	1	4	16	0	0	0	0	284
10:00	3	184	54	3	16	3	0	3	<b>18</b>	0	0	0	0	284
11:00	1	228	68	5	<b>22</b>	<b>6</b>	0	<b>7</b>	13	0	0	0	0	350
12 PM	2	250	65	4	9	1	0	<b>10</b>	15	0	0	0	0	356
13:00	5	250	68	2	12	7	<b>2</b>	2	<b>32</b>	0	0	0	0	380
14:00	4	318	86	2	22	4	0	5	18	0	0	0	0	459
15:00	<b>6</b>	<b>480</b>	<b>121</b>	<b>11</b>	30	3	1	3	20	0	0	0	0	<b>675</b>
16:00	1	479	108	2	<b>34</b>	<b>8</b>	1	5	20	0	0	0	0	658
17:00	3	472	108	5	28	7	0	7	20	0	0	0	0	650
18:00	3	337	82	5	21	4	0	5	14	0	0	0	0	471
19:00	0	232	52	3	7	1	0	3	6	0	0	0	0	304
20:00	4	198	43	0	5	2	0	0	7	0	1	0	0	260
21:00	1	174	27	1	8	5	0	2	12	0	<b>3</b>	0	0	233
22:00	3	123	32	0	3	2	0	0	6	0	2	<b>1</b>	0	172
23:00	1	93	10	0	4	1	0	2	10	<b>1</b>	0	0	0	122
Day Total	53	4857	1189	64	293	69	6	68	305	1	6	1	0	6912
Percent	0.8%	70.3%	17.2%	0.9%	4.2%	1.0%	0.1%	1.0%	4.4%	0.0%	0.1%	0.0%	0.0%	
AM Peak	08:00	07:00	07:00	07:00	11:00	11:00	02:00	11:00	10:00					07:00
Vol.	4	303	68	5	22	6	1	7	18					417
PM Peak	15:00	15:00	15:00	15:00	16:00	16:00	13:00	12:00	13:00	23:00	21:00	22:00		15:00
Vol.	6	480	121	11	34	8	2	10	32	1	3	1		675

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	2	31	7	0	2	2	0	0	7	0	0	0	0	51
01:00	0	23	3	0	0	0	0	0	4	0	0	0	0	30
02:00	0	11	5	0	0	<b>3</b>	0	0	2	0	0	0	0	21
03:00	3	10	7	0	1	2	0	0	4	0	0	0	0	27
04:00	2	33	16	0	3	2	0	1	3	0	0	0	0	60
05:00	0	48	16	0	5	1	<b>1</b>	0	6	0	0	0	0	77
06:00	0	84	15	2	7	1	0	1	7	0	0	0	0	117
07:00	2	133	30	2	4	1	0	0	7	0	0	0	0	179
08:00	2	190	41	2	9	3	0	<b>4</b>	7	0	0	0	0	258
09:00	<b>4</b>	198	46	2	12	3	0	3	7	0	0	0	0	275
10:00	2	251	56	<b>3</b>	9	3	0	1	6	0	0	0	0	331
11:00	1	<b>281</b>	<b>73</b>	3	<b>14</b>	2	0	0	<b>8</b>	0	0	0	0	<b>382</b>
12 PM	2	307	72	1	13	0	0	0	<b>14</b>	0	0	0	0	409
13:00	<b>6</b>	284	63	<b>4</b>	6	3	0	0	11	0	0	0	0	377
14:00	5	278	69	2	12	2	0	0	11	0	0	0	0	379
15:00	3	353	74	1	16	<b>5</b>	0	1	12	0	0	0	0	465
16:00	2	346	60	3	<b>18</b>	2	0	1	9	0	0	0	0	441
17:00	2	351	71	0	14	2	0	1	12	0	0	0	0	453
18:00	1	<b>399</b>	<b>91</b>	0	13	5	0	0	7	0	0	0	0	<b>516</b>
19:00	1	383	74	0	18	1	0	0	5	0	0	0	0	482
20:00	2	216	56	0	4	4	0	1	4	0	0	0	0	287
21:00	0	237	51	1	8	0	0	<b>2</b>	4	0	0	0	0	303
22:00	0	122	17	0	7	3	0	1	4	0	0	0	0	154
23:00	3	74	12	0	4	3	0	0	1	0	0	0	0	97
Day Total	45	4643	1025	26	199	53	1	17	162	0	0	0	0	6171
Percent	0.7%	75.2%	16.6%	0.4%	3.2%	0.9%	0.0%	0.3%	2.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	11:00	10:00	11:00	02:00	05:00	08:00	11:00					11:00
Vol.	4	281	73	3	14	3	1	4	8					382
PM Peak	13:00	18:00	18:00	13:00	16:00	15:00		21:00	12:00					18:00
Vol.	6	399	91	4	18	5		2	14					516

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	38	2	0	1	0	0	0	3	0	0	0	0	44
01:00	0	22	3	0	1	0	0	0	0	0	0	0	0	26
02:00	0	15	0	0	1	0	0	0	1	0	0	0	0	17
03:00	1	8	1	0	0	1	0	0	3	0	0	0	0	14
04:00	0	16	3	0	0	0	0	0	2	0	0	0	0	21
05:00	0	35	5	0	0	1	0	0	5	0	0	0	0	46
06:00	<b>2</b>	58	10	0	1	3	0	0	5	0	0	0	0	79
07:00	0	96	21	0	<b>7</b>	0	0	0	6	0	0	0	0	130
08:00	2	117	31	0	6	3	0	1	6	0	0	0	0	166
09:00	1	166	28	<b>1</b>	6	0	0	2	<b>8</b>	0	0	0	0	212
10:00	1	202	37	1	7	3	0	1	5	0	0	0	0	257
11:00	2	<b>242</b>	<b>61</b>	0	6	<b>4</b>	0	<b>3</b>	7	0	0	0	0	<b>325</b>
12 PM	<b>12</b>	269	51	<b>3</b>	10	3	0	1	9	0	0	0	0	358
13:00	2	296	57	1	12	2	0	<b>3</b>	9	0	0	0	0	382
14:00	11	258	67	1	8	<b>4</b>	0	1	11	0	0	0	0	361
15:00	8	296	64	2	11	4	0	1	5	0	0	0	0	391
16:00	3	378	72	1	<b>15</b>	4	0	3	13	0	0	0	0	489
17:00	4	400	97	1	12	3	0	1	9	0	0	0	0	527
18:00	1	<b>528</b>	<b>99</b>	0	13	1	0	1	<b>14</b>	0	0	0	0	<b>657</b>
19:00	1	300	70	1	12	2	0	0	11	0	0	0	0	397
20:00	0	175	43	0	5	0	0	0	3	0	0	0	0	226
21:00	0	60	10	2	2	0	0	1	7	0	0	0	0	82
22:00	0	56	8	0	0	0	0	0	7	0	0	0	0	71
23:00	1	42	6	0	1	0	0	0	5	0	0	0	0	55
Day Total	52	4073	846	14	137	38	0	19	154	0	0	0	0	5333
Percent	1.0%	76.4%	15.9%	0.3%	2.6%	0.7%	0.0%	0.4%	2.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	11:00	11:00	09:00	07:00	11:00		11:00	09:00					11:00
Vol.	2	242	61	1	7	4		3	8					325
PM Peak	12:00	18:00	18:00	12:00	16:00	14:00		13:00	18:00					18:00
Vol.	12	528	99	3	15	4		3	14					657



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	2	15	3	0	1	2	0	0	8	0	0	0	0	31
01:00	0	10	2	1	0	0	0	0	3	0	0	0	0	16
02:00	1	12	2	0	0	1	<b>1</b>	0	3	0	0	0	0	20
03:00	0	4	3	0	1	1	0	0	7	0	0	0	0	16
04:00	0	20	6	1	4	1	0	0	6	0	0	0	0	38
05:00	2	61	23	1	7	7	0	0	10	0	0	0	0	111
06:00	2	161	33	7	9	<b>8</b>	0	1	11	0	0	0	0	232
07:00	1	<b>287</b>	<b>65</b>	6	<b>22</b>	2	1	2	14	0	0	0	0	<b>400</b>
08:00	0	195	51	6	17	1	0	2	13	0	0	0	0	285
09:00	<b>4</b>	131	53	<b>9</b>	11	1	0	<b>6</b>	<b>24</b>	0	0	0	0	239
10:00	0	152	48	1	16	1	0	4	13	0	0	0	0	235
11:00	0	163	55	4	7	2	0	4	23	0	0	0	0	258
12 PM	2	156	40	4	19	1	0	3	<b>29</b>	0	0	0	0	254
13:00	5	179	40	4	16	3	<b>1</b>	<b>6</b>	20	0	0	0	0	274
14:00	1	238	70	1	30	5	0	1	21	0	0	0	0	367
15:00	<b>7</b>	312	<b>100</b>	<b>7</b>	24	<b>7</b>	0	4	16	0	0	0	0	477
16:00	3	<b>368</b>	80	1	<b>40</b>	4	0	1	20	0	0	0	0	<b>517</b>
17:00	0	349	71	1	23	3	0	6	14	0	0	0	0	467
18:00	4	210	49	0	14	2	0	2	19	0	0	0	0	300
19:00	1	177	47	1	8	2	0	0	3	0	0	0	0	239
20:00	0	123	25	1	11	4	0	1	13	0	0	0	0	178
21:00	3	85	16	0	5	3	0	4	7	0	0	<b>1</b>	0	124
22:00	2	69	20	0	2	2	0	1	6	0	<b>1</b>	0	0	103
23:00	1	67	10	0	3	1	0	0	9	0	0	0	0	91
Day Total	41	3544	912	56	290	64	3	48	312	0	1	1	0	5272
Percent	0.8%	67.2%	17.3%	1.1%	5.5%	1.2%	0.1%	0.9%	5.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	07:00	09:00	07:00	06:00	02:00	09:00	09:00					07:00
Vol.	4	287	65	9	22	8	1	6	24					400
PM Peak	15:00	16:00	15:00	15:00	16:00	15:00	13:00	13:00	12:00		22:00	21:00		16:00
Vol.	7	368	100	7	40	7	1	6	29		1	1		517

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	2	16	1	0	3	2	0	1	5	0	0	0	0	30
01:00	0	14	4	1	0	0	0	1	8	0	0	0	0	28
02:00	1	12	4	0	0	2	1	1	9	0	0	0	0	30
03:00	0	9	1	2	0	<b>4</b>	0	0	6	0	0	0	0	22
04:00	0	19	6	0	4	2	0	0	10	0	0	0	0	41
05:00	1	64	24	1	1	2	0	0	10	0	0	0	0	103
06:00	2	178	43	4	9	4	0	2	13	0	0	0	0	255
07:00	2	<b>283</b>	<b>71</b>	3	<b>22</b>	1	1	1	8	0	0	0	0	<b>392</b>
08:00	2	175	44	<b>7</b>	10	1	0	2	17	0	0	0	0	258
09:00	1	125	55	2	10	0	<b>2</b>	<b>5</b>	14	0	0	0	0	214
10:00	<b>5</b>	136	35	6	7	2	1	0	20	0	0	0	0	212
11:00	2	158	44	4	15	3	0	5	<b>28</b>	0	0	0	0	259
12 PM	2	181	45	0	10	4	0	4	<b>22</b>	0	0	0	0	268
13:00	3	213	54	2	15	1	0	5	21	<b>1</b>	0	0	0	315
14:00	4	228	59	<b>4</b>	19	5	0	5	22	0	0	0	0	346
15:00	2	383	110	2	<b>34</b>	<b>8</b>	<b>1</b>	5	22	0	0	0	0	567
16:00	<b>7</b>	<b>419</b>	<b>118</b>	3	33	7	0	2	18	0	0	0	0	<b>607</b>
17:00	2	395	99	2	34	1	0	<b>7</b>	16	0	0	0	0	556
18:00	4	226	74	2	16	6	0	5	8	0	0	0	0	341
19:00	1	202	61	0	17	2	0	1	13	0	0	0	0	297
20:00	2	127	52	3	14	4	0	0	9	0	0	0	0	211
21:00	1	104	26	0	7	2	0	4	7	0	0	0	0	151
22:00	2	86	20	0	3	4	0	1	11	0	<b>1</b>	0	0	128
23:00	2	75	10	1	4	2	0	1	10	0	0	0	0	105
Day Total	50	3828	1060	49	287	69	6	58	327	1	1	0	0	5736
Percent	0.9%	66.7%	18.5%	0.9%	5.0%	1.2%	0.1%	1.0%	5.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	07:00	07:00	08:00	07:00	03:00	09:00	09:00	11:00					07:00
Vol.	5	283	71	7	22	4	2	5	28					392
PM Peak	16:00	16:00	16:00	14:00	15:00	15:00	15:00	17:00	12:00	13:00	22:00			16:00
Vol.	7	419	118	4	34	8	1	7	22	1	1			607

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 classification  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	3	23	4	1	0	4	0	0	6	0	0	0	0	41
01:00	1	20	1	0	2	2	0	0	8	0	0	0	0	34
02:00	1	11	4	2	2	2	1	1	11	0	0	0	0	35
03:00	0	5	3	3	2	1	0	1	7	0	0	0	0	22
04:00	2	22	4	2	3	3	1	1	9	0	0	0	0	47
05:00	0	64	28	2	2	2	0	2	19	0	0	0	0	119
06:00	3	164	49	7	7	5	0	3	16	0	0	0	0	254
07:00	<b>5</b>	<b>287</b>	<b>77</b>	3	16	<b>6</b>	1	4	22	0	0	0	0	<b>421</b>
08:00	2	184	42	<b>8</b>	17	2	0	4	21	0	0	0	0	280
09:00	3	159	35	5	17	6	<b>2</b>	<b>6</b>	19	0	0	0	0	252
10:00	3	170	48	5	17	6	0	4	<b>23</b>	0	0	0	0	276
11:00	1	176	64	1	<b>20</b>	6	0	2	22	0	0	0	0	292
12 PM	2	207	54	<b>6</b>	15	<b>8</b>	0	3	22	0	0	0	0	317
13:00	4	202	69	2	9	7	0	<b>8</b>	20	0	0	0	0	321
14:00	4	251	105	5	31	4	0	3	<b>23</b>	0	0	0	0	426
15:00	3	375	122	4	34	1	0	8	21	0	0	0	0	568
16:00	<b>5</b>	<b>455</b>	125	3	37	4	0	8	20	0	0	0	0	<b>657</b>
17:00	2	420	<b>158</b>	3	<b>46</b>	2	0	6	14	0	0	0	0	651
18:00	3	296	108	2	34	1	0	5	10	0	0	0	0	459
19:00	0	223	68	0	21	0	<b>1</b>	1	8	0	0	0	0	322
20:00	1	170	66	1	19	1	0	0	12	0	0	0	0	270
21:00	2	123	37	0	8	2	0	2	4	0	0	0	0	178
22:00	0	76	20	0	2	1	0	1	10	0	<b>1</b>	0	0	111
23:00	4	76	9	1	3	2	0	0	6	0	0	0	0	101
Day Total	54	4159	1300	66	364	78	6	73	353	0	1	0	0	6454
Percent	0.8%	64.4%	20.1%	1.0%	5.6%	1.2%	0.1%	1.1%	5.5%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	08:00	11:00	07:00	09:00	09:00	10:00					07:00
Vol.	5	287	77	8	20	6	2	6	23					421
PM Peak	16:00	16:00	17:00	12:00	17:00	12:00	19:00	13:00	14:00		22:00			16:00
Vol.	5	455	158	6	46	8	1	8	23		1			657
Grand Total	371	28980	7294	338	1829	437	29	344	1940	2	11	3	0	41578
Percent	0.9%	69.7%	17.5%	0.8%	4.4%	1.1%	0.1%	0.8%	4.7%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/28/17	2	0	0	0	0	2	4	10	4	4	0	1	0	0	27	44-53	13
01:00	0	0	0	0	0	5	4	10	4	1	1	1	0	0	26	42-51	14
02:00	1	0	0	1	0	2	5	6	11	2	3	0	0	0	31	48-57	15
03:00	1	0	0	0	0	0	9	16	5	2	1	0	1	0	35	43-52	23
04:00	3	0	0	0	2	0	10	21	23	15	4	1	0	0	79	47-56	41
05:00	2	0	0	1	1	2	22	72	85	38	8	1	0	0	232	47-56	145
06:00	3	0	0	0	0	16	63	157	113	24	8	0	0	0	384	45-54	251
07:00	3	0	1	1	3	13	50	158	168	58	4	2	0	0	461	46-55	298
08:00	2	0	0	0	1	14	50	129	108	15	1	0	0	0	320	45-54	217
09:00	5	0	2	6	8	7	35	88	79	21	5	0	0	0	256	46-55	151
10:00	3	0	0	0	3	7	37	106	80	18	3	0	0	0	257	45-54	171
11:00	4	0	0	1	0	4	54	89	60	20	3	0	0	0	235	44-53	145
12 PM	6	0	1	0	3	8	37	105	73	16	2	0	0	0	251	45-54	163
13:00	3	0	1	0	9	11	67	152	46	13	0	0	0	0	302	43-52	209
14:00	4	0	0	2	0	5	67	143	98	10	1	1	0	0	331	45-54	226
15:00	8	0	0	1	5	14	74	129	108	20	1	0	0	0	360	45-54	221
16:00	4	0	0	0	0	9	60	167	116	37	2	0	0	0	395	45-54	262
17:00	7	0	0	0	0	6	56	166	155	37	0	0	0	0	427	46-55	290
18:00	0	0	0	0	0	9	66	87	78	29	1	0	0	0	270	44-53	160
19:00	1	0	0	1	0	11	44	76	41	10	5	1	1	0	191	43-52	119
20:00	1	0	0	0	3	15	31	73	40	8	1	0	0	1	173	44-53	109
21:00	1	0	0	0	0	2	28	43	64	14	1	2	0	0	155	46-55	99
22:00	0	0	0	0	1	2	12	56	40	14	2	0	0	0	127	45-54	88
23:00	0	0	0	0	0	2	9	23	26	8	1	0	0	0	69	46-55	45
<b>Total</b>	<b>64</b>	<b>0</b>	<b>5</b>	<b>14</b>	<b>39</b>	<b>166</b>	<b>894</b>	<b>2082</b>	<b>1625</b>	<b>434</b>	<b>58</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>5394</b>		
Percent	1.2%	0.0%	0.1%	0.3%	0.7%	3.1%	16.6%	38.6%	30.1%	8.0%	1.1%	0.2%	0.0%	0.0%			
AM Peak	09:00		09:00	09:00	09:00	06:00	06:00	07:00	07:00	07:00	05:00	07:00	03:00		07:00		
Vol.	5		2	6	8	16	63	158	168	58	8	2	1		461		
PM Peak	15:00		12:00	14:00	13:00	20:00	15:00	16:00	17:00	16:00	19:00	21:00	19:00	20:00	17:00		
Vol.	8		1	2	9	15	74	167	155	37	5	2	1	1	427		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/29/17	1	0	0	0	0	1	4	18	10	5	0	2	0	0		41	45-54	26
01:00	0	0	0	0	4	2	4	10	9	5	3	1	0	0		38	45-54	18
02:00	0	0	0	0	0	0	2	13	10	7	4	2	0	0		38	47-56	21
03:00	1	0	0	0	0	0	2	9	6	2	0	0	0	0		20	46-55	13
04:00	1	0	0	0	0	0	4	21	18	10	6	0	1	0		61	46-55	36
05:00	0	0	0	1	2	8	24	47	84	27	14	1	1	0		209	47-56	124
06:00	0	0	0	0	0	2	68	168	121	36	2	1	0	0		398	45-54	271
07:00	4	6	10	4	2	21	67	179	120	38	2	0	0	0		453	45-54	277
08:00	3	0	0	7	9	17	68	116	81	13	1	1	0	0		316	44-53	190
09:00	0	0	0	0	0	1	31	138	80	22	4	0	0	0		276	45-54	202
10:00	2	0	0	0	0	14	46	119	72	15	0	1	0	0		269	44-53	180
11:00	2	0	0	0	1	15	51	141	72	10	2	0	0	0		294	44-53	203
12 PM	4	0	0	0	2	3	75	146	77	17	0	0	0	0		324	44-53	220
13:00	7	0	0	1	0	24	103	141	72	14	2	0	0	0		364	43-52	228
14:00	8	0	0	1	1	13	113	176	74	15	2	1	0	0		404	43-52	269
15:00	3	0	0	0	3	28	115	211	64	10	2	0	0	0		436	42-51	305
16:00	6	0	0	0	2	8	126	215	124	22	1	0	0	0		504	43-52	337
17:00	5	0	0	0	1	21	118	227	108	15	1	1	0	0		497	43-52	338
18:00	2	0	0	0	7	9	96	145	79	8	3	0	0	0		349	43-52	233
19:00	1	0	0	0	2	14	77	110	44	5	0	0	0	0		253	42-51	175
20:00	1	0	0	0	8	14	47	92	40	14	3	0	0	0		219	43-52	136
21:00	1	0	0	0	0	2	53	80	48	15	2	0	0	0		201	43-52	130
22:00	0	0	0	0	0	15	53	74	31	14	3	0	0	0		190	42-51	119
23:00	0	0	0	0	1	16	38	48	26	7	1	0	0	0		137	42-51	82
Total	52	6	10	14	45	248	1385	2644	1470	346	58	11	2	0		6291		
Percent	0.8%	0.1%	0.2%	0.2%	0.7%	3.9%	22.0%	42.0%	23.4%	5.5%	0.9%	0.2%	0.0%	0.0%				
AM Peak	07:00	07:00	07:00	08:00	08:00	07:00	06:00	07:00	06:00	07:00	05:00	00:00	04:00	06:00		07:00		
Vol.	4	6	10	7	9	21	68	179	121	38	14	2	1			453		
PM Peak	14:00			13:00	20:00	15:00	16:00	17:00	16:00	16:00	18:00	14:00				16:00		
Vol.	8			1	8	28	126	227	124	22	3	1				504		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
09/30/17	1	0	0	0	0	0	16	39	28	9	3	2	0	0	98	45-54	62
01:00	1	0	0	0	0	4	10	27	17	8	1	0	0	0	68	45-54	41
02:00	0	0	0	0	2	6	9	13	25	9	1	1	0	0	66	48-57	36
03:00	1	0	0	0	0	1	9	7	13	3	3	1	0	0	38	46-55	19
04:00	0	0	0	0	1	1	7	15	19	8	1	1	0	0	53	46-55	32
05:00	0	0	0	0	0	5	16	23	23	12	2	0	1	0	82	46-55	44
06:00	1	0	0	0	0	6	25	38	40	16	4	0	0	0	130	46-55	73
07:00	3	0	0	0	2	9	15	67	52	24	4	0	0	0	176	46-55	108
08:00	1	0	0	1	1	5	52	76	60	17	2	0	0	0	215	44-53	132
09:00	0	0	3	0	3	17	81	139	109	19	2	0	0	0	373	44-53	237
10:00	2	0	0	1	0	13	103	216	71	12	1	0	0	0	419	43-52	305
11:00	1	0	0	1	4	15	98	208	121	6	0	0	0	0	454	44-53	319
12 PM	2	0	0	1	1	8	70	169	89	23	0	0	0	0	363	44-53	249
13:00	2	0	0	0	1	22	86	131	96	17	3	1	0	0	359	44-53	222
14:00	1	0	1	0	4	6	76	182	99	24	1	0	0	0	394	44-53	271
15:00	4	0	0	1	0	20	104	187	104	20	3	1	0	0	444	43-52	289
16:00	1	0	0	1	1	7	61	149	105	14	3	0	0	0	342	45-54	237
17:00	2	0	0	2	1	10	70	146	100	22	1	0	0	0	354	44-53	233
18:00	0	0	0	0	1	17	31	164	82	6	1	0	0	0	302	45-54	227
19:00	2	0	0	0	2	16	46	95	51	10	2	0	0	0	224	44-53	143
20:00	1	0	0	0	1	15	58	104	46	4	1	0	0	0	230	43-52	157
21:00	0	0	0	0	3	10	47	102	47	7	5	0	0	0	221	43-52	149
22:00	0	0	0	1	13	10	49	77	49	10	0	1	0	0	210	43-52	126
23:00	0	0	0	0	0	2	23	52	42	10	3	0	0	0	132	45-54	88
<b>Total</b>	<b>26</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>41</b>	<b>225</b>	<b>1162</b>	<b>2426</b>	<b>1488</b>	<b>310</b>	<b>47</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>5747</b>		
Percent	0.5%	0.0%	0.1%	0.2%	0.7%	3.9%	20.2%	42.2%	25.9%	5.4%	0.8%	0.1%	0.0%	0.0%			
AM Peak	07:00		09:00	08:00	11:00	09:00	10:00	10:00	11:00	07:00	06:00	00:00	05:00		11:00		
Vol.	3		3	1	4	17	103	216	121	24	4	2	1		454		
PM Peak	15:00		14:00	17:00	22:00	13:00	15:00	15:00	16:00	14:00	21:00	13:00			15:00		
Vol.	4		1	2	13	22	104	187	105	24	5	1			444		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	0	1	18	48	40	6	2	0	0	0	115	45-54	81
01:00	0	0	0	0	0	0	13	25	24	5	0	0	0	0	67	45-54	46
02:00	0	0	0	1	0	1	12	13	13	7	1	0	0	0	48	44-53	26
03:00	0	0	0	0	0	0	5	16	0	7	1	0	1	0	30	43-52	19
04:00	0	0	0	0	0	3	7	8	19	11	1	0	0	0	49	49-58	29
05:00	0	0	0	0	0	2	3	18	13	19	2	2	0	0	59	49-58	32
06:00	0	0	0	0	0	0	8	20	35	24	4	0	0	0	91	49-58	57
07:00	5	0	0	1	0	3	12	26	46	20	2	0	0	0	115	48-57	67
08:00	0	0	0	0	0	2	9	57	81	27	0	0	0	0	176	47-56	128
09:00	3	0	0	1	3	22	80	106	111	25	1	0	0	0	352	45-54	205
10:00	0	0	0	0	0	4	47	164	125	26	3	0	0	0	369	45-54	265
11:00	3	0	0	0	1	5	61	165	84	23	2	0	0	0	344	44-53	238
12 PM	7	1	3	3	11	29	84	136	79	12	0	0	0	0	365	43-52	214
13:00	3	0	0	0	5	40	84	132	70	2	1	0	0	0	337	43-52	209
14:00	8	0	0	2	0	22	79	126	96	15	0	0	0	0	348	44-53	211
15:00	4	0	0	0	0	10	85	154	78	8	2	0	0	0	341	43-52	234
16:00	1	0	0	0	1	2	72	146	87	17	1	0	0	0	327	44-53	226
17:00	0	0	0	1	0	9	58	134	85	22	7	0	0	0	316	45-54	208
18:00	3	0	0	1	2	17	54	120	57	10	4	0	0	0	268	44-53	174
19:00	0	0	0	0	14	12	62	90	45	13	1	0	0	0	237	43-52	145
20:00	0	0	0	0	0	4	52	67	62	18	6	0	1	0	210	44-53	125
21:00	0	0	0	0	4	8	14	45	51	11	4	0	0	0	137	46-55	87
22:00	1	0	0	0	0	4	18	38	29	18	7	0	0	0	115	45-54	63
23:00	0	0	0	2	5	3	10	21	9	6	0	1	0	0	57	43-52	31
<b>Total</b>	<b>38</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>46</b>	<b>203</b>	<b>947</b>	<b>1875</b>	<b>1339</b>	<b>352</b>	<b>52</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>4873</b>		
Percent	0.8%	0.0%	0.1%	0.2%	0.9%	4.2%	19.4%	38.5%	27.5%	7.2%	1.1%	0.1%	0.0%	0.0%			
AM Peak	07:00			02:00	09:00	09:00	09:00	11:00	10:00	08:00	06:00	05:00	03:00		10:00		
Vol.	5			1	3	22	80	165	125	27	4	2	1		369		
PM Peak	14:00	12:00	12:00	12:00	19:00	13:00	15:00	15:00	14:00	17:00	17:00	23:00	20:00		12:00		
Vol.	8	1	3	3	14	40	85	154	96	22	7	1	1		365		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	0	1	2	15	5	5	0	1	0	1		30	44-53	19
01:00	1	0	0	0	0	0	5	12	12	3	1	0	0	0		34	46-55	22
02:00	0	0	0	0	1	2	4	10	4	4	2	0	0	0		27	44-53	14
03:00	1	0	0	0	0	0	3	7	7	4	1	0	0	0		23	46-55	13
04:00	0	0	0	0	0	0	11	19	26	13	2	2	0	0		73	47-56	43
05:00	1	0	0	0	2	1	11	70	64	27	8	1	0	0		185	46-55	122
06:00	2	0	0	0	1	16	100	174	137	14	0	0	0	0		444	44-53	295
07:00	4	0	0	2	21	25	86	174	155	26	0	0	1	0		494	45-54	305
08:00	3	0	0	0	1	5	46	138	110	26	3	0	0	0		332	45-54	227
09:00	3	0	4	4	0	8	46	76	73	22	6	0	0	0		242	45-54	139
10:00	3	0	0	0	0	18	54	98	60	11	3	1	1	0		249	44-53	154
11:00	5	0	0	0	1	15	35	91	72	21	0	1	0	0		241	45-54	149
12 PM	4	0	0	0	0	12	64	125	72	10	1	1	0	0		289	44-53	192
13:00	5	4	1	0	3	25	86	105	50	8	1	0	0	0		288	42-51	176
14:00	9	0	0	1	0	4	66	119	74	14	0	1	0	0		288	44-53	185
15:00	6	0	1	1	1	8	87	149	73	8	1	0	0	0		335	43-52	227
16:00	8	0	0	0	16	45	107	163	82	7	0	0	0	0		428	43-52	256
17:00	6	0	0	0	1	18	87	144	113	16	4	0	0	0		389	44-53	244
18:00	3	0	0	0	10	29	61	113	48	6	0	0	0	0		270	43-52	167
19:00	0	0	0	0	7	15	28	64	37	6	1	1	0	0		159	44-53	97
20:00	2	0	0	0	0	11	38	48	41	6	0	0	0	0		146	44-53	87
21:00	0	0	0	0	7	5	25	54	34	9	1	1	0	0		136	45-54	84
22:00	1	0	0	0	4	10	21	22	35	17	0	1	0	0		111	47-56	55
23:00	0	0	0	0	0	9	14	18	10	7	1	1	1	0		61	41-50	31
<b>Total</b>	<b>67</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>76</b>	<b>282</b>	<b>1087</b>	<b>2008</b>	<b>1394</b>	<b>290</b>	<b>36</b>	<b>12</b>	<b>3</b>	<b>1</b>		<b>5274</b>		
Percent	1.3%	0.1%	0.1%	0.2%	1.4%	5.3%	20.6%	38.1%	26.4%	5.5%	0.7%	0.2%	0.1%	0.0%				
AM Peak	11:00		09:00	09:00	07:00	07:00	06:00	06:00	07:00	05:00	05:00	04:00	07:00	00:00		07:00		
Vol.	5		4	4	21	25	100	174	155	27	8	2	1	1		494		
PM Peak	14:00	13:00	13:00	14:00	16:00	16:00	16:00	16:00	17:00	22:00	17:00	12:00	23:00			16:00		
Vol.	9	4	1	1	16	45	107	163	113	17	4	1	1		428			



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/03/17	1	0	0	0	0	0	6	18	17	2	0	0	0	0	44	46-55	31
01:00	0	0	0	0	0	0	4	4	11	4	4	0	0	0	27	47-56	15
02:00	1	0	0	0	0	1	5	6	6	1	1	3	0	0	24	45-54	11
03:00	0	0	0	0	1	1	1	10	6	0	1	0	0	0	20	46-55	14
04:00	0	0	0	0	1	5	11	23	30	7	4	1	0	0	82	46-55	49
05:00	0	0	0	0	6	16	39	56	59	36	3	0	0	1	216	46-55	110
06:00	1	0	0	1	0	13	111	176	112	37	3	1	0	0	455	44-53	287
07:00	2	0	0	0	0	28	169	225	123	23	2	1	0	0	573	43-52	375
08:00	5	0	2	1	2	33	117	182	80	14	5	0	0	0	441	42-51	282
09:00	8	0	0	0	2	21	90	159	58	11	2	1	0	0	352	42-51	232
10:00	4	0	0	0	2	19	50	125	60	13	2	0	0	0	275	44-53	179
11:00	28	1	2	3	4	30	87	95	36	4	1	0	0	0	291	41-50	156
12 PM	10	1	1	0	3	15	77	152	60	8	0	0	0	0	327	43-52	217
13:00	11	0	2	6	0	25	99	108	65	11	4	0	0	0	331	42-51	190
14:00	9	0	0	3	0	18	114	172	70	17	0	0	0	0	403	42-51	265
15:00	5	0	1	1	10	22	124	159	57	13	1	0	0	0	393	42-51	259
16:00	5	0	0	0	1	19	148	160	88	12	2	0	0	0	435	42-51	285
17:00	11	0	0	0	5	29	126	189	79	14	4	1	0	0	458	42-51	292
18:00	3	0	0	0	4	35	94	133	61	10	1	0	0	0	341	42-51	214
19:00	4	0	0	1	3	10	61	104	32	7	1	1	0	0	224	42-51	152
20:00	1	0	0	0	2	10	37	63	26	5	1	0	0	0	145	43-52	95
21:00	2	0	0	0	0	2	24	44	39	10	2	1	0	0	124	45-54	77
22:00	0	0	0	0	0	1	34	44	18	13	2	0	0	0	112	42-51	72
23:00	1	0	0	0	1	3	16	22	20	4	2	0	0	0	69	44-53	40
<b>Total</b>	<b>112</b>	<b>2</b>	<b>8</b>	<b>16</b>	<b>47</b>	<b>356</b>	<b>1644</b>	<b>2429</b>	<b>1213</b>	<b>276</b>	<b>48</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>6162</b>		
<b>Percent</b>	<b>1.8%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.3%</b>	<b>0.8%</b>	<b>5.8%</b>	<b>26.7%</b>	<b>39.4%</b>	<b>19.7%</b>	<b>4.5%</b>	<b>0.8%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>11:00</b>	<b>11:00</b>	<b>08:00</b>	<b>11:00</b>	<b>05:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>06:00</b>	<b>08:00</b>	<b>02:00</b>		<b>05:00</b>	<b>07:00</b>		
<b>Vol.</b>	<b>28</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>33</b>	<b>169</b>	<b>225</b>	<b>123</b>	<b>37</b>	<b>5</b>	<b>3</b>		<b>1</b>	<b>573</b>		
<b>PM Peak</b>	<b>13:00</b>	<b>12:00</b>	<b>13:00</b>	<b>13:00</b>	<b>15:00</b>	<b>18:00</b>	<b>16:00</b>	<b>17:00</b>	<b>16:00</b>	<b>14:00</b>	<b>13:00</b>	<b>17:00</b>			<b>17:00</b>		
<b>Vol.</b>	<b>11</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>10</b>	<b>35</b>	<b>148</b>	<b>189</b>	<b>88</b>	<b>17</b>	<b>4</b>	<b>1</b>			<b>458</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743001 speed  
Count 15  
(743) Canal and Allentown Blvd

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/04/17	2	0	0	0	3	0	9	16	7	7	1	0	0	0	45	43-52	23
01:00	0	0	0	0	0	2	6	8	8	2	0	0	0	0	26	46-55	15
02:00	0	0	0	0	1	4	9	10	3	2	1	3	0	0	33	41-50	18
03:00	0	0	0	0	0	6	5	15	8	4	2	0	0	0	40	44-53	22
04:00	1	0	0	0	0	2	18	36	22	9	3	1	0	0	92	44-53	56
05:00	1	0	0	0	1	19	48	65	56	26	9	0	0	0	225	45-54	117
06:00	2	0	0	0	2	46	166	197	90	15	1	0	0	0	519	42-51	338
07:00	0	0	0	0	8	64	240	271	76	15	0	0	0	0	674	41-50	466
08:00	6	0	0	4	7	87	208	166	52	8	1	0	0	0	539	40-49	346
09:00	3	0	2	0	1	44	104	177	63	6	4	2	0	0	406	42-51	264
10:00	3	0	3	6	6	20	68	154	87	13	0	0	0	0	360	44-53	232
11:00	7	0	2	1	1	10	81	164	56	13	0	0	0	0	335	43-52	231
12 PM	9	6	13	8	14	21	92	161	67	6	0	0	0	0	397	43-52	237
13:00	10	0	1	1	2	14	89	178	78	6	1	0	0	0	380	43-52	257
14:00	8	0	2	0	1	34	92	172	62	12	3	0	0	0	386	43-52	248
15:00	4	0	0	1	2	31	119	187	62	9	2	0	0	0	417	42-51	284
16:00	7	0	0	0	5	21	165	185	78	7	1	0	0	0	469	42-51	319
17:00	5	0	0	0	0	20	125	210	100	18	2	0	0	0	480	43-52	322
18:00	2	0	0	5	14	40	64	154	67	12	3	0	0	0	361	44-53	219
19:00	0	0	0	1	4	18	57	100	29	6	1	0	0	0	216	42-51	147
20:00	0	0	0	0	0	8	32	69	32	2	0	0	0	0	143	44-53	101
21:00	1	0	0	1	0	5	26	42	39	12	2	0	0	0	128	45-54	76
22:00	1	0	0	0	0	8	10	59	29	9	2	0	0	0	118	45-54	81
23:00	1	0	0	0	0	0	10	17	17	3	0	0	0	0	48	45-54	31
Total	73	6	23	28	72	524	1843	2813	1188	222	39	6	0	0	6837		
Percent	1.1%	0.1%	0.3%	0.4%	1.1%	7.7%	27.0%	41.1%	17.4%	3.2%	0.6%	0.1%	0.0%	0.0%			
AM Peak	11:00		10:00	10:00	07:00	08:00	07:00	07:00	06:00	05:00	05:00	02:00					07:00
Vol.	7		3	6	8	87	240	271	90	26	9	3					674
PM Peak	13:00	12:00	12:00	12:00	12:00	18:00	16:00	17:00	17:00	17:00	14:00						17:00
Vol.	10	6	13	8	14	40	165	210	100	18	3						480
Total	432	19	59	101	366	2004	8962	16277	9717	2230	338	60	10	3	40578		
Percent	1.1%	0.0%	0.1%	0.2%	0.9%	4.9%	22.1%	40.1%	23.9%	5.5%	0.8%	0.1%	0.0%	0.0%			

15th Percentile : 41 MPH  
 50th Percentile : 47 MPH  
 85th Percentile : 53 MPH  
 95th Percentile : 56 MPH

Stats  
 10 MPH Pace Speed : 44-53 MPH  
 Number in Pace : 25472  
 Percent in Pace : 62.8%  
 Number of Vehicles > 55 MPH : 2641  
 Percent of Vehicles > 55 MPH : 6.5%  
 Mean Speed(Average) : 47 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/28/17	0	0	0	0	0	4	12	7	7	4	0	0	0	0	34	41-50	18
01:00	2	0	0	0	0	1	8	4	8	4	2	0	0	0	29	50-59	11
02:00	1	0	0	0	0	0	5	16	9	0	0	2	0	0	33	44-53	23
03:00	1	0	0	0	0	6	4	10	3	3	1	1	0	0	29	44-53	13
04:00	1	0	0	1	4	1	7	12	13	3	1	0	0	0	43	45-54	23
05:00	2	0	0	0	0	10	17	33	22	15	0	1	0	1	101	45-54	52
06:00	0	0	0	1	7	20	56	106	32	8	1	0	0	0	231	42-51	153
07:00	3	0	0	0	2	11	108	217	80	5	0	0	0	0	426	43-52	312
08:00	7	0	0	0	10	20	92	126	52	6	2	0	0	0	315	42-51	201
09:00	1	0	0	0	7	29	84	82	30	9	0	0	0	0	242	41-50	153
10:00	4	0	0	1	2	3	83	101	33	2	0	0	0	0	229	42-51	166
11:00	5	0	0	0	0	26	101	85	33	6	1	0	0	0	257	41-50	168
12 PM	3	0	0	2	16	11	94	92	46	8	0	0	0	0	272	42-51	170
13:00	5	0	0	0	3	32	84	89	35	2	1	0	0	0	251	41-50	158
14:00	5	0	0	0	2	32	106	155	68	9	2	0	0	0	379	42-51	244
15:00	0	0	0	2	8	47	155	245	70	11	1	0	0	0	539	42-51	372
16:00	2	0	0	1	2	40	155	233	86	12	1	0	0	0	532	42-51	363
17:00	2	0	0	7	18	61	183	180	61	7	0	0	0	0	519	41-50	333
18:00	3	0	3	1	2	38	119	146	47	5	0	0	0	0	364	41-50	242
19:00	1	0	0	0	1	38	105	117	36	4	1	0	0	0	303	41-50	204
20:00	1	0	0	0	1	25	59	98	36	6	0	1	0	0	227	42-51	148
21:00	1	0	0	0	5	8	33	53	36	6	1	0	0	0	143	44-53	87
22:00	0	0	0	0	0	4	23	53	27	9	6	0	0	0	122	44-53	78
23:00	1	0	0	0	1	2	10	31	25	9	1	0	0	0	80	46-55	51
<b>Total</b>	<b>51</b>	<b>0</b>	<b>3</b>	<b>16</b>	<b>91</b>	<b>469</b>	<b>1703</b>	<b>2291</b>	<b>895</b>	<b>153</b>	<b>22</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>5700</b>		
<b>Percent</b>	<b>0.9%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.3%</b>	<b>1.6%</b>	<b>8.2%</b>	<b>29.9%</b>	<b>40.2%</b>	<b>15.7%</b>	<b>2.7%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>			<b>04:00</b>	<b>08:00</b>	<b>09:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>05:00</b>	<b>01:00</b>	<b>02:00</b>		<b>05:00</b>	<b>07:00</b>		
<b>Vol.</b>	<b>7</b>			<b>1</b>	<b>10</b>	<b>29</b>	<b>108</b>	<b>217</b>	<b>80</b>	<b>15</b>	<b>2</b>	<b>2</b>		<b>1</b>	<b>426</b>		
<b>PM Peak</b>	<b>13:00</b>		<b>18:00</b>	<b>17:00</b>	<b>17:00</b>	<b>17:00</b>	<b>17:00</b>	<b>15:00</b>	<b>16:00</b>	<b>16:00</b>	<b>22:00</b>	<b>20:00</b>			<b>15:00</b>		
<b>Vol.</b>	<b>5</b>		<b>3</b>	<b>7</b>	<b>18</b>	<b>61</b>	<b>183</b>	<b>245</b>	<b>86</b>	<b>12</b>	<b>6</b>	<b>1</b>			<b>539</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/29/17	0	0	0	0	0	3	9	12	7	7	2	0	0	0	40	43-52	20
01:00	0	0	0	0	0	0	6	13	9	3	2	0	0	0	33	44-53	21
02:00	2	0	0	0	0	1	3	6	4	0	2	0	0	0	18	43-52	9
03:00	0	0	0	0	2	3	1	13	12	2	0	1	0	0	34	46-55	22
04:00	0	0	0	0	1	3	4	15	15	9	1	0	0	0	48	47-56	28
05:00	3	0	0	0	0	1	21	38	28	<b>11</b>	1	<b>3</b>	<b>1</b>	0	107	45-54	62
06:00	3	0	0	0	1	<b>24</b>	<b>70</b>	<b>104</b>	<b>35</b>	<b>8</b>	<b>3</b>	0	0	0	248	42-51	161
07:00	2	0	0	0	0	<b>18</b>	<b>145</b>	<b>172</b>	<b>72</b>	<b>8</b>	0	0	0	0	<b>417</b>	42-51	292
08:00	1	0	0	0	1	13	103	128	52	11	0	0	0	0	309	42-51	214
09:00	0	0	0	0	0	15	92	128	44	5	0	0	0	0	284	42-51	204
10:00	1	0	0	<b>1</b>	4	14	92	134	34	4	0	0	0	0	284	42-51	207
11:00	<b>7</b>	0	0	0	<b>5</b>	15	125	148	42	8	0	0	0	0	350	42-51	244
12 PM	<b>4</b>	0	0	0	0	17	116	142	69	7	1	0	0	0	356	42-51	240
13:00	0	0	0	1	<b>18</b>	32	121	148	50	10	0	0	0	0	380	42-51	247
14:00	4	0	0	1	4	50	145	183	63	8	1	0	0	0	459	42-51	301
15:00	2	0	0	<b>4</b>	12	<b>55</b>	<b>211</b>	<b>320</b>	<b>70</b>	1	0	0	0	0	<b>675</b>	42-51	485
16:00	0	0	0	0	2	44	<b>236</b>	281	86	8	1	0	0	0	658	42-51	472
17:00	2	0	0	0	5	44	220	276	<b>93</b>	8	<b>2</b>	0	0	0	650	42-51	455
18:00	1	0	0	0	1	44	217	159	46	3	0	0	0	0	471	41-50	341
19:00	2	0	0	0	2	25	127	101	44	2	1	0	0	0	304	41-50	208
20:00	3	0	0	0	1	25	66	106	47	<b>11</b>	0	<b>1</b>	0	0	260	42-51	163
21:00	3	0	0	0	4	18	71	104	27	6	0	0	0	0	233	42-51	159
22:00	0	0	0	0	0	18	58	59	29	8	0	0	0	0	172	41-50	109
23:00	1	0	0	0	0	11	25	56	24	3	2	0	0	0	122	43-52	80
Total	41	0	0	7	63	493	2284	2846	1002	151	19	5	1	0	6912		
Percent	0.6%	0.0%	0.0%	0.1%	0.9%	7.1%	33.0%	41.2%	14.5%	2.2%	0.3%	0.1%	0.0%	0.0%			
AM Peak	11:00			10:00	11:00	06:00	07:00	07:00	07:00	05:00	06:00	05:00	05:00		07:00		
Vol.	7			1	5	24	145	172	72	11	3	3	1		417		
PM Peak	12:00			15:00	13:00	15:00	16:00	15:00	17:00	20:00	17:00	20:00			15:00		
Vol.	4			4	18	55	236	320	93	11	2	1			675		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/30/17	0	0	0	1	2	4	16	12	9	6	1	0	0	0	51	41-50	26
01:00	1	0	0	0	0	0	8	10	5	5	1	0	0	0	30	43-52	16
02:00	0	0	0	0	0	0	3	7	4	7	0	0	0	0	21	44-53	11
03:00	0	0	0	1	4	5	4	4	5	4	0	0	0	0	27	31-40	9
04:00	0	0	0	0	2	3	9	13	21	9	2	1	0	0	60	47-56	33
05:00	0	0	0	0	0	6	9	38	21	2	1	0	0	0	77	45-54	55
06:00	0	0	0	0	0	5	22	39	37	10	2	2	0	0	117	45-54	71
07:00	1	0	0	0	1	10	49	79	34	5	0	0	0	0	179	43-52	121
08:00	3	0	0	0	4	8	76	106	52	9	0	0	0	0	258	42-51	171
09:00	3	0	0	0	9	6	82	127	43	4	1	0	0	0	275	42-51	193
10:00	4	0	2	1	4	32	115	136	32	3	2	0	0	0	331	41-50	226
11:00	3	0	0	0	3	33	142	154	37	9	1	0	0	0	382	41-50	267
12 PM	0	0	1	3	10	60	177	130	24	4	0	0	0	0	409	40-49	284
13:00	3	0	0	0	5	58	124	151	32	4	0	0	0	0	377	41-50	251
14:00	7	0	0	1	8	38	96	147	69	13	0	0	0	0	379	42-51	229
15:00	2	0	0	1	12	48	148	197	51	6	0	0	0	0	465	42-51	315
16:00	6	0	0	3	7	23	125	220	53	3	1	0	0	0	441	42-51	316
17:00	0	0	0	8	6	50	136	206	44	3	0	0	0	0	453	42-51	314
18:00	1	1	0	1	11	84	222	170	23	2	1	0	0	0	516	40-49	362
19:00	1	0	0	3	9	72	210	153	31	3	0	0	0	0	482	40-49	336
20:00	0	0	0	1	7	24	102	119	33	1	0	0	0	0	287	41-50	201
21:00	0	0	0	0	7	19	111	113	43	7	3	0	0	0	303	41-50	205
22:00	1	0	0	0	0	8	46	70	24	2	3	0	0	0	154	42-51	108
23:00	0	0	0	0	0	9	24	30	24	8	2	0	0	0	97	43-52	54
<b>Total</b>	<b>36</b>	<b>1</b>	<b>3</b>	<b>24</b>	<b>111</b>	<b>605</b>	<b>2056</b>	<b>2431</b>	<b>751</b>	<b>129</b>	<b>21</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>6171</b>		
<b>Percent</b>	<b>0.6%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.4%</b>	<b>1.8%</b>	<b>9.8%</b>	<b>33.3%</b>	<b>39.4%</b>	<b>12.2%</b>	<b>2.1%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	10:00		10:00	00:00	09:00	11:00	11:00	11:00	08:00	06:00	04:00	06:00			11:00		
Vol.	4		2	1	9	33	142	154	52	10	2	2			382		
PM Peak	14:00	18:00	12:00	17:00	15:00	18:00	18:00	16:00	14:00	14:00	21:00				18:00		
Vol.	7	1	1	8	12	84	222	220	69	13	3				516		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	0	1	7	23	8	4	1	0	0	0	44	44-53	31
01:00	0	0	0	0	0	1	4	9	9	1	1	1	0	0	26	46-55	16
02:00	0	0	0	0	0	1	1	7	5	3	0	0	0	0	17	46-55	11
03:00	1	0	0	0	0	2	2	3	3	2	1	0	0	0	14	49-58	5
04:00	0	0	0	1	0	1	3	7	6	2	1	0	0	0	21	46-55	12
05:00	1	0	0	0	0	1	4	15	14	8	3	0	0	0	46	47-56	26
06:00	2	0	0	0	0	6	15	33	14	7	2	0	0	0	79	43-52	47
07:00	1	0	0	1	1	1	24	57	36	8	1	0	0	0	130	44-53	88
08:00	0	0	0	0	1	7	30	82	37	8	1	0	0	0	166	44-53	116
09:00	3	0	0	0	0	3	52	92	48	13	1	0	0	0	212	43-52	141
10:00	1	0	0	0	0	20	90	103	35	8	0	0	0	0	257	41-50	176
11:00	1	0	0	0	2	29	114	129	44	6	0	0	0	0	325	41-50	222
12 PM	2	0	0	0	0	19	99	183	48	6	1	0	0	0	358	42-51	262
13:00	2	0	0	1	2	42	129	154	44	7	1	0	0	0	382	41-50	258
14:00	5	0	2	4	17	30	109	130	56	6	2	0	0	0	361	42-51	220
15:00	0	0	0	0	4	13	127	184	58	3	2	0	0	0	391	42-51	288
16:00	3	0	0	0	6	58	160	211	46	4	1	0	0	0	489	41-50	337
17:00	3	0	0	3	20	38	193	205	56	8	1	0	0	0	527	41-50	360
18:00	2	0	0	2	9	86	297	208	46	6	1	0	0	0	657	40-49	465
19:00	0	0	0	0	8	47	140	153	47	2	0	0	0	0	397	41-50	269
20:00	0	0	0	0	4	17	60	97	38	10	0	0	0	0	226	42-51	149
21:00	0	0	0	0	0	7	19	38	14	3	0	1	0	0	82	43-52	55
22:00	0	0	0	0	0	2	14	26	15	12	2	0	0	0	71	44-53	41
23:00	0	0	0	0	0	0	11	19	15	8	1	1	0	0	55	45-54	33
Total	27	0	2	12	74	432	1704	2168	742	145	24	3	0	0	5333		
Percent	0.5%	0.0%	0.0%	0.2%	1.4%	8.1%	32.0%	40.7%	13.9%	2.7%	0.5%	0.1%	0.0%	0.0%			
AM Peak	09:00			04:00	11:00	11:00	11:00	11:00	09:00	09:00	05:00	01:00			11:00		
Vol.	3			1	2	29	114	129	48	13	3	1			325		
PM Peak	14:00		14:00	14:00	17:00	18:00	18:00	16:00	15:00	22:00	14:00	21:00			18:00		
Vol.	5		2	4	20	86	297	211	58	12	2	1			657		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	3	2	5	9	11	1	0	0	0	0	31	46-55	18
01:00	0	0	0	0	0	0	1	9	5	1	0	0	0	0	16	45-54	13
02:00	0	0	0	0	0	2	3	8	2	2	1	1	1	0	20	42-51	11
03:00	0	0	0	0	0	2	3	3	7	1	0	0	0	0	16	48-57	9
04:00	0	0	0	1	0	0	11	9	12	3	1	1	0	0	38	44-53	21
05:00	2	0	0	0	3	2	13	50	33	7	0	1	0	0	111	45-54	75
06:00	4	0	0	1	17	15	64	89	33	5	3	1	0	0	232	42-51	141
07:00	2	0	0	1	3	17	93	190	80	11	2	0	0	1	400	43-52	277
08:00	0	0	0	0	1	8	53	137	73	11	2	0	0	0	285	44-53	202
09:00	1	0	0	0	4	19	71	103	35	5	1	0	0	0	239	42-51	161
10:00	1	0	0	0	3	19	68	84	49	9	2	0	0	0	235	42-51	144
11:00	1	0	0	0	0	25	115	80	32	5	0	0	0	0	258	40-49	178
12 PM	0	0	0	0	0	23	93	97	35	6	0	0	0	0	254	41-50	174
13:00	2	0	0	0	6	23	94	106	36	4	3	0	0	0	274	41-50	182
14:00	2	0	1	1	6	27	94	176	48	11	1	0	0	0	367	42-51	252
15:00	1	0	0	1	11	65	131	184	73	11	0	0	0	0	477	42-51	296
16:00	3	0	1	2	9	88	160	164	77	13	0	0	0	0	517	41-50	304
17:00	1	0	2	3	9	39	146	189	75	3	0	0	0	0	467	42-51	311
18:00	1	0	0	0	5	38	79	132	37	8	0	0	0	0	300	42-51	197
19:00	0	0	0	0	7	13	74	91	49	5	0	0	0	0	239	42-51	156
20:00	0	0	0	0	3	14	70	62	22	6	1	0	0	0	178	41-50	120
21:00	0	0	0	0	8	12	21	44	31	7	0	1	0	0	124	45-54	71
22:00	1	0	0	0	1	7	28	32	26	6	2	0	0	0	103	43-52	59
23:00	1	0	0	0	4	11	11	28	25	10	0	0	0	1	91	46-55	49
<b>Total</b>	23	0	4	10	103	471	1501	2076	906	151	19	5	1	2	5272		
<b>Percent</b>	0.4%	0.0%	0.1%	0.2%	2.0%	8.9%	28.5%	39.4%	17.2%	2.9%	0.4%	0.1%	0.0%	0.0%			
<b>AM Peak</b>	06:00			04:00	06:00	11:00	11:00	07:00	07:00	07:00	06:00	02:00	02:00	07:00	07:00		
<b>Vol.</b>	4			1	17	25	115	190	80	11	3	1	1	1	400		
<b>PM Peak</b>	16:00		17:00	17:00	15:00	16:00	16:00	17:00	16:00	16:00	13:00	21:00		23:00	16:00		
<b>Vol.</b>	3		2	3	11	88	160	189	77	13	3	1		1	517		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/03/17	1	0	0	0	2	2	5	4	15	0	0	1	0	0		30	47-56	17
01:00	1	0	0	0	0	2	4	11	5	3	2	0	0	0		28	45-54	15
02:00	1	0	0	0	0	0	11	6	6	4	1	1	0	0		30	42-51	15
03:00	0	0	0	0	0	3	6	6	6	1	0	0	0	0		22	41-50	12
04:00	1	0	0	0	1	0	7	14	11	7	0	0	0	0		41	46-55	23
05:00	2	0	0	0	0	5	17	36	30	10	3	0	0	0		103	45-54	61
06:00	1	0	0	0	1	8	88	97	53	7	0	0	0	0		255	42-51	172
07:00	2	0	0	1	2	14	<b>93</b>	<b>187</b>	<b>81</b>	<b>11</b>	1	0	0	0		<b>392</b>	43-52	274
08:00	1	0	0	0	0	1	46	143	56	10	1	0	0	0		258	44-53	194
09:00	0	0	0	0	2	10	59	114	24	5	0	0	0	0		214	42-51	160
10:00	16	0	1	2	6	11	78	72	21	4	1	0	0	0		212	41-50	128
11:00	17	0	0	3	4	19	76	99	39	2	0	0	0	0		259	42-51	155
12 PM	7	0	1	2	9	23	78	92	45	10	1	0	0	0		268	42-51	156
13:00	11	2	3	1	1	29	66	142	52	8	0	0	0	0		315	43-52	196
14:00	2	0	0	0	5	27	90	153	62	5	2	0	0	0		346	43-52	231
15:00	1	0	2	7	5	62	172	<b>241</b>	70	7	0	0	0	0		567	42-51	381
16:00	6	2	3	1	<b>29</b>	<b>79</b>	185	207	<b>83</b>	<b>11</b>	1	0	0	0		<b>607</b>	41-50	361
17:00	3	0	0	2	12	65	<b>189</b>	213	64	7	1	0	0	0		556	41-50	368
18:00	2	2	0	<b>16</b>	7	24	108	143	39	0	0	0	0	0		341	42-51	228
19:00	0	0	0	0	6	41	95	119	31	5	0	0	0	0		297	41-50	197
20:00	1	0	0	0	5	10	54	98	36	6	1	0	0	0		211	43-52	144
21:00	5	0	0	0	8	12	43	52	26	3	1	0	<b>1</b>	0		151	42-51	87
22:00	2	0	0	0	2	4	29	55	26	8	1	<b>1</b>	0	0		128	43-52	82
23:00	1	0	0	0	0	7	20	33	35	8	1	0	0	0		105	45-54	63
Total	84	6	10	35	107	458	1619	2337	916	142	18	3	1	0		5736		
Percent	1.5%	0.1%	0.2%	0.6%	1.9%	8.0%	28.2%	40.7%	16.0%	2.5%	0.3%	0.1%	0.0%	0.0%				
AM Peak	11:00		10:00	11:00	10:00	11:00	07:00	07:00	07:00	07:00	05:00	00:00				07:00		
Vol.	17		1	3	6	19	93	187	81	11	3	1				392		
PM Peak	13:00	13:00	13:00	18:00	16:00	16:00	17:00	15:00	16:00	16:00	14:00	22:00	21:00			16:00		
Vol.	11	2	3	16	29	79	189	241	83	11	2	1	1			607		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743002 speed  
Count 15  
(743) Canal and Allentown Blvd

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	0	5	3	7	8	10	5	2	1	0	0	41	47-56	17
01:00	2	0	0	0	0	2	6	15	6	1	2	0	0	0	34	44-53	20
02:00	3	0	0	0	0	4	4	11	9	4	0	0	0	0	35	46-55	17
03:00	1	0	0	0	0	1	4	10	3	3	0	0	0	0	22	43-52	13
04:00	1	0	0	2	1	4	5	14	9	8	3	0	0	0	47	47-56	21
05:00	0	0	0	0	0	1	25	49	32	10	2	0	0	0	119	44-53	78
06:00	0	0	0	0	5	28	78	100	35	6	2	0	0	0	254	42-51	165
07:00	2	0	0	7	7	11	102	206	78	7	0	1	0	0	421	43-52	297
08:00	3	0	0	0	12	13	79	113	46	13	1	0	0	0	280	42-51	179
09:00	3	1	2	3	11	17	69	105	35	5	1	0	0	0	252	42-51	160
10:00	8	1	4	1	4	25	67	109	51	5	1	0	0	0	276	43-52	165
11:00	6	0	0	4	9	30	94	111	30	7	0	1	0	0	292	41-50	185
12 PM	1	0	0	5	13	25	95	123	50	4	1	0	0	0	317	42-51	203
13:00	5	5	0	2	8	17	98	130	53	3	0	0	0	0	321	42-51	208
14:00	2	0	0	3	7	31	124	163	82	13	1	0	0	0	426	42-51	271
15:00	1	2	4	5	9	46	184	252	58	7	0	0	0	0	568	42-51	396
16:00	3	0	1	21	32	103	206	216	73	2	0	0	0	0	657	41-50	391
17:00	0	0	0	0	4	43	253	266	72	10	3	0	0	0	651	41-50	471
18:00	3	0	0	4	19	81	179	146	24	2	1	0	0	0	459	40-49	302
19:00	4	0	0	1	2	51	133	102	27	2	0	0	0	0	322	40-49	216
20:00	0	0	0	0	2	31	123	80	30	3	1	0	0	0	270	40-49	188
21:00	1	0	0	3	3	3	59	75	29	3	2	0	0	0	178	42-51	123
22:00	3	0	0	0	0	2	24	45	29	8	0	0	0	0	111	44-53	70
23:00	2	0	0	0	1	11	5	34	36	11	1	0	0	0	101	46-55	63
<b>Total</b>	<b>54</b>	<b>9</b>	<b>11</b>	<b>61</b>	<b>154</b>	<b>583</b>	<b>2023</b>	<b>2483</b>	<b>907</b>	<b>142</b>	<b>24</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>6454</b>		
<b>Percent</b>	<b>0.8%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.9%</b>	<b>2.4%</b>	<b>9.0%</b>	<b>31.3%</b>	<b>38.5%</b>	<b>14.1%</b>	<b>2.2%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>	<b>09:00</b>	<b>10:00</b>	<b>07:00</b>	<b>08:00</b>	<b>11:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>04:00</b>	<b>00:00</b>					<b>07:00</b>
<b>Vol.</b>	<b>8</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>12</b>	<b>30</b>	<b>102</b>	<b>206</b>	<b>78</b>	<b>13</b>	<b>3</b>	<b>1</b>			<b>421</b>		
<b>PM Peak</b>	<b>13:00</b>	<b>13:00</b>	<b>15:00</b>	<b>16:00</b>	<b>16:00</b>	<b>16:00</b>	<b>17:00</b>	<b>17:00</b>	<b>14:00</b>	<b>14:00</b>	<b>17:00</b>						<b>16:00</b>
<b>Vol.</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>21</b>	<b>32</b>	<b>103</b>	<b>253</b>	<b>266</b>	<b>82</b>	<b>13</b>	<b>3</b>				<b>657</b>		
<b>Total</b>	<b>316</b>	<b>16</b>	<b>33</b>	<b>165</b>	<b>703</b>	<b>3511</b>	<b>12890</b>	<b>16632</b>	<b>6119</b>	<b>1013</b>	<b>147</b>	<b>27</b>	<b>3</b>	<b>3</b>	<b>41578</b>		
<b>Percent</b>	<b>0.8%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.4%</b>	<b>1.7%</b>	<b>8.4%</b>	<b>31.0%</b>	<b>40.0%</b>	<b>14.7%</b>	<b>2.4%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 40 MPH  
50th Percentile : 45 MPH  
85th Percentile : 51 MPH  
95th Percentile : 54 MPH

Stats  
10 MPH Pace Speed : 42-51 MPH  
Number in Pace : 27202  
Percent in Pace : 65.4%  
Number of Vehicles > 55 MPH : 1193  
Percent of Vehicles > 55 MPH : 2.9%  
Mean Speed(Average) : 46 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	33	5	3	1	1	0	0	6	0	0	0	0	49
01:00	0	25	4	0	1	0	0	0	10	0	0	0	0	40
02:00	0	23	3	0	0	0	0	2	2	0	1	0	0	31
03:00	1	19	3	1	0	1	0	0	14	0	0	0	0	39
04:00	1	37	11	0	5	0	0	1	7	0	0	0	0	62
05:00	1	123	30	2	16	1	0	0	14	0	0	0	0	187
06:00	1	197	43	4	<b>28</b>	3	0	5	7	0	1	0	0	289
07:00	3	<b>249</b>	<b>50</b>	3	14	<b>9</b>	0	<b>6</b>	13	0	0	0	0	<b>347</b>
08:00	1	171	26	1	8	8	0	5	18	<b>1</b>	<b>2</b>	0	0	241
09:00	2	174	33	3	13	4	0	0	<b>20</b>	0	0	0	0	249
10:00	<b>5</b>	150	40	<b>5</b>	14	8	0	1	16	0	0	0	0	239
11:00	1	162	34	4	14	2	0	5	18	1	0	0	0	241
12 PM	2	204	42	2	13	<b>6</b>	0	5	16	0	0	0	<b>1</b>	291
13:00	3	231	47	3	16	4	0	<b>6</b>	<b>24</b>	0	0	0	0	334
14:00	1	278	<b>62</b>	<b>4</b>	<b>17</b>	2	0	3	21	0	0	0	0	388
15:00	1	315	59	3	16	3	0	4	20	0	0	0	0	421
16:00	1	<b>394</b>	59	3	14	1	0	3	14	0	0	0	0	<b>489</b>
17:00	4	335	56	1	12	2	0	0	14	0	0	0	0	424
18:00	3	229	32	0	12	1	0	1	9	0	0	0	0	287
19:00	<b>6</b>	186	31	2	6	6	0	5	10	0	0	0	0	252
20:00	1	179	20	0	4	1	0	0	11	0	0	0	0	216
21:00	0	152	18	0	6	1	0	0	5	0	0	0	0	182
22:00	3	104	9	0	3	2	0	1	7	0	0	0	0	129
23:00	2	73	9	0	2	2	0	0	8	0	0	0	0	96
Day Total	43	4043	726	44	235	68	0	53	304	2	4	0	1	5523
Percent	0.8%	73.2%	13.1%	0.8%	4.3%	1.2%	0.0%	1.0%	5.5%	0.0%	0.1%	0.0%	0.0%	
AM Peak	10:00	07:00	07:00	10:00	06:00	07:00		07:00	09:00	08:00	08:00			07:00
Vol.	5	249	50	5	28	9		6	20	1	2			347
PM Peak	19:00	16:00	14:00	14:00	14:00	12:00		13:00	13:00				12:00	16:00
Vol.	6	394	62	4	17	6		6	24				1	489

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	1	37	7	0	4	1	0	0	7	0	0	0	0	57
01:00	2	47	3	2	1	0	0	0	10	0	0	0	0	65
02:00	1	31	2	0	1	3	0	0	3	0	<b>1</b>	0	0	42
03:00	0	17	1	0	0	2	0	0	1	0	0	0	0	21
04:00	1	37	8	1	1	2	0	2	8	0	0	0	0	60
05:00	0	108	32	1	19	<b>5</b>	0	0	8	<b>1</b>	0	0	0	174
06:00	<b>3</b>	183	<b>51</b>	<b>9</b>	<b>21</b>	3	0	0	15	0	0	0	0	285
07:00	0	<b>300</b>	45	4	20	3	0	3	11	0	1	0	0	<b>387</b>
08:00	1	208	37	1	12	4	0	3	<b>19</b>	0	0	0	0	285
09:00	2	186	33	0	6	2	0	2	18	1	1	0	0	251
10:00	0	172	42	3	12	1	<b>2</b>	2	12	0	0	0	0	246
11:00	2	249	37	6	13	4	1	<b>8</b>	15	0	0	0	0	335
12 PM	3	255	51	<b>4</b>	12	5	0	3	20	0	0	0	0	353
13:00	1	256	49	3	18	0	0	<b>8</b>	15	0	0	0	0	350
14:00	<b>5</b>	328	<b>71</b>	2	9	<b>8</b>	0	5	18	0	0	0	0	446
15:00	1	404	61	4	<b>23</b>	3	0	5	18	0	0	0	0	519
16:00	2	<b>493</b>	65	2	23	2	0	7	<b>25</b>	<b>1</b>	0	0	0	<b>620</b>
17:00	3	410	55	2	6	5	0	3	17	0	0	0	0	501
18:00	3	347	35	2	7	1	0	2	4	0	0	0	0	401
19:00	0	229	36	2	10	2	0	4	6	0	0	0	0	289
20:00	0	214	32	0	6	1	0	0	9	0	0	0	0	262
21:00	0	250	17	0	4	3	0	3	1	0	0	0	0	278
22:00	1	216	24	0	4	0	0	1	8	0	0	0	0	254
23:00	3	140	13	0	2	2	0	2	3	0	0	0	0	165
Day Total	35	5117	807	48	234	62	3	63	271	3	3	0	0	6646
Percent	0.5%	77.0%	12.1%	0.7%	3.5%	0.9%	0.0%	0.9%	4.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	06:00	06:00	06:00	05:00	10:00	11:00	08:00	05:00	02:00			07:00
Vol.	3	300	51	9	21	5	2	8	19	1	1			387
PM Peak	14:00	16:00	14:00	12:00	15:00	14:00		13:00	16:00	16:00				16:00
Vol.	5	493	71	4	23	8		8	25	1				620

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	99	14	0	3	0	0	0	1	0	0	0	0	117
01:00	1	76	6	0	1	1	0	0	4	0	0	0	0	89
02:00	0	67	2	0	2	3	0	0	6	0	0	0	0	80
03:00	0	36	0	0	0	2	0	0	3	0	0	0	0	41
04:00	0	38	11	0	1	2	0	2	4	0	0	0	0	58
05:00	0	51	20	0	9	2	0	0	7	0	1	0	0	90
06:00	0	85	20	1	8	0	0	3	6	0	0	0	0	123
07:00	4	167	40	2	10	6	0	6	11	0	0	0	0	246
08:00	1	288	36	2	5	3	0	7	13	0	0	0	0	355
09:00	3	<b>374</b>	48	4	11	4	0	0	7	0	0	0	0	<b>451</b>
10:00	3	338	48	2	9	1	0	2	13	0	0	0	0	416
11:00	2	345	<b>56</b>	2	<b>13</b>	1	0	1	13	0	0	0	0	433
12 PM	3	319	46	0	<b>11</b>	2	0	1	11	0	0	0	0	393
13:00	2	327	38	0	10	4	0	1	12	0	0	0	0	394
14:00	3	334	<b>57</b>	1	8	3	0	0	<b>18</b>	0	0	0	0	<b>424</b>
15:00	<b>5</b>	<b>339</b>	39	2	6	3	0	1	8	0	0	0	1	404
16:00	2	295	47	<b>3</b>	10	2	0	<b>5</b>	5	0	0	0	0	369
17:00	2	288	51	0	11	1	0	3	7	0	0	0	0	363
18:00	3	265	37	0	10	1	0	1	7	0	0	0	0	324
19:00	1	233	37	0	4	1	0	0	3	0	0	0	0	279
20:00	1	221	27	0	5	0	0	0	4	0	0	0	0	258
21:00	1	269	36	0	4	2	0	1	5	0	0	0	0	318
22:00	0	256	31	0	1	0	0	1	2	0	0	0	0	291
23:00	1	212	18	0	5	3	0	1	0	0	0	0	0	240
Day Total	38	5322	765	19	157	47	0	36	170	0	1	0	1	6556
Percent	0.6%	81.2%	11.7%	0.3%	2.4%	0.7%	0.0%	0.5%	2.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	09:00	11:00	09:00	11:00	07:00		08:00	08:00		05:00			09:00
Vol.	4	374	56	4	13	6		7	13		1			451
PM Peak	15:00	15:00	14:00	16:00	12:00	13:00		16:00	14:00				15:00	14:00
Vol.	5	339	57	3	11	4		5	18				1	424

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	112	10	0	1	0	0	1	0	0	0	0	0	124
01:00	0	72	9	0	1	0	0	1	2	0	0	0	0	85
02:00	0	60	4	1	0	0	0	0	3	0	0	0	0	68
03:00	0	28	5	0	0	1	0	0	0	0	0	0	0	34
04:00	0	29	5	0	0	1	0	0	4	0	0	0	0	39
05:00	1	46	0	0	2	2	0	0	3	0	0	0	0	54
06:00	0	56	14	0	2	1	0	1	3	0	0	0	0	77
07:00	0	146	19	1	11	2	0	4	3	0	0	0	0	186
08:00	4	317	25	0	10	1	0	1	4	0	0	0	0	362
09:00	1	<b>408</b>	<b>53</b>	0	8	2	0	2	<b>12</b>	0	0	0	0	<b>486</b>
10:00	2	276	35	0	3	3	0	2	11	0	0	0	0	332
11:00	2	272	48	4	13	3	0	1	8	0	0	0	0	351
12 PM	1	277	44	0	6	2	0	11	13	0	0	0	0	354
13:00	2	266	38	0	8	3	0	9	9	0	0	0	0	335
14:00	7	275	46	0	7	3	0	4	12	0	0	0	0	354
15:00	6	309	36	0	9	1	0	4	10	0	0	0	0	375
16:00	4	277	<b>58</b>	1	5	2	0	5	6	0	0	0	0	358
17:00	7	<b>316</b>	40	0	<b>10</b>	2	0	6	8	0	0	0	0	<b>389</b>
18:00	3	268	32	0	7	3	0	1	6	0	0	0	0	320
19:00	0	229	37	1	10	0	0	2	5	0	0	0	0	284
20:00	2	179	24	0	4	1	0	2	6	0	0	0	0	218
21:00	0	132	16	0	3	0	0	0	10	0	0	0	0	161
22:00	0	94	9	0	2	1	0	2	3	0	0	0	0	111
23:00	1	60	5	0	2	1	0	0	6	0	0	0	0	75
Day Total	43	4504	612	8	124	35	0	59	147	0	0	0	0	5532
Percent	0.8%	81.4%	11.1%	0.1%	2.2%	0.6%	0.0%	1.1%	2.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	09:00	09:00	11:00	11:00	10:00		07:00	09:00					09:00
Vol.	4	408	53	4	13	3		4	12					486
PM Peak	14:00	17:00	16:00	16:00	17:00	13:00		12:00	12:00					17:00
Vol.	7	316	58	1	10	3		11	13					389

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	42	4	0	2	0	0	0	2	0	0	0	0	50
01:00	1	28	1	0	1	0	0	0	5	0	0	0	0	36
02:00	0	21	2	0	1	0	0	1	9	0	0	0	0	34
03:00	0	23	5	0	0	0	0	0	6	0	0	0	0	34
04:00	1	40	7	1	3	0	0	0	5	0	0	0	0	57
05:00	3	108	30	2	9	5	0	1	6	0	0	0	0	164
06:00	1	215	35	<b>5</b>	<b>21</b>	<b>6</b>	<b>1</b>	4	7	0	0	0	0	295
07:00	<b>5</b>	<b>261</b>	<b>64</b>	3	10	4	0	2	13	0	0	<b>1</b>	0	<b>363</b>
08:00	2	187	35	2	10	5	1	<b>6</b>	15	0	0	0	0	263
09:00	1	156	46	1	10	4	1	5	14	0	0	0	0	238
10:00	0	162	24	2	17	4	1	4	<b>19</b>	0	0	0	0	233
11:00	0	203	37	0	14	6	0	1	15	0	0	0	0	276
12 PM	1	185	34	3	15	5	0	1	22	0	0	0	0	266
13:00	<b>4</b>	173	47	<b>5</b>	18	<b>8</b>	0	6	<b>23</b>	0	0	0	0	284
14:00	1	226	56	1	<b>23</b>	7	0	4	8	0	0	0	0	326
15:00	4	260	<b>67</b>	4	14	6	0	6	9	0	0	0	0	370
16:00	2	<b>322</b>	65	2	23	5	0	<b>8</b>	17	0	0	0	0	<b>444</b>
17:00	1	322	62	1	15	3	0	6	12	0	0	0	0	422
18:00	4	185	43	0	5	5	0	2	8	<b>1</b>	0	0	0	253
19:00	2	152	30	0	7	3	0	6	8	0	0	0	0	208
20:00	0	135	23	1	3	2	0	2	8	0	0	0	0	174
21:00	0	118	14	0	5	3	0	1	7	0	0	0	0	148
22:00	3	69	15	1	2	1	0	6	9	0	0	0	0	106
23:00	0	46	7	0	1	0	0	4	10	0	0	0	0	68
Day Total	36	3639	753	34	229	82	4	76	257	1	0	1	0	5112
Percent	0.7%	71.2%	14.7%	0.7%	4.5%	1.6%	0.1%	1.5%	5.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	06:00	06:00	06:00	06:00	08:00	10:00			07:00		07:00
Vol.	5	261	64	5	21	6	1	6	19			1		363
PM Peak	13:00	16:00	15:00	13:00	14:00	13:00		16:00	13:00	18:00				16:00
Vol.	4	322	67	5	23	8		8	23	1				444

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	1	47	3	0	0	0	0	0	4	0	0	0	0	55
01:00	0	22	0	0	1	1	0	1	5	0	0	0	0	30
02:00	0	19	4	2	0	2	0	1	3	0	0	0	0	31
03:00	0	17	2	0	0	1	0	0	4	0	1	0	0	25
04:00	<b>2</b>	45	9	2	3	3	0	1	8	0	0	0	0	73
05:00	2	98	29	1	21	6	0	4	12	0	0	0	0	173
06:00	1	215	59	<b>5</b>	19	1	0	10	6	0	1	0	0	317
07:00	1	<b>287</b>	<b>97</b>	3	<b>28</b>	2	0	<b>18</b>	15	0	<b>2</b>	0	0	<b>453</b>
08:00	2	198	51	4	19	<b>7</b>	0	14	11	0	1	0	0	307
09:00	2	184	77	4	17	5	0	9	20	0	1	0	0	319
10:00	1	150	53	0	21	1	<b>4</b>	7	20	0	0	0	0	257
11:00	1	188	62	5	18	6	0	9	<b>21</b>	0	0	0	0	310
12 PM	0	217	68	<b>7</b>	19	3	<b>1</b>	<b>12</b>	15	0	0	0	0	342
13:00	3	212	61	4	14	<b>11</b>	0	10	<b>20</b>	0	0	0	0	335
14:00	<b>4</b>	267	79	4	22	4	0	9	10	0	0	0	0	399
15:00	1	326	<b>90</b>	2	<b>26</b>	4	0	10	11	0	0	0	0	470
16:00	2	<b>370</b>	76	4	17	4	0	11	12	0	0	0	0	<b>496</b>
17:00	3	345	62	1	15	4	0	9	13	0	0	0	0	452
18:00	3	270	51	0	16	3	0	6	11	0	0	0	0	360
19:00	0	165	37	0	5	2	0	4	13	0	0	0	0	226
20:00	0	150	27	2	6	0	0	2	11	0	0	0	0	198
21:00	1	107	11	0	2	1	0	3	7	0	0	0	0	132
22:00	0	66	12	0	2	0	0	0	13	0	0	0	0	93
23:00	1	64	8	1	0	2	0	3	9	0	0	0	0	88
Day Total	31	4029	1028	51	291	73	5	153	274	0	6	0	0	5941
Percent	0.5%	67.8%	17.3%	0.9%	4.9%	1.2%	0.1%	2.6%	4.6%	0.0%	0.1%	0.0%	0.0%	
AM Peak	04:00	07:00	07:00	06:00	07:00	08:00	10:00	07:00	11:00		07:00			07:00
Vol.	2	287	97	5	28	7	4	18	21		2			453
PM Peak	14:00	16:00	15:00	12:00	15:00	13:00	12:00	12:00	13:00					16:00
Vol.	4	370	90	7	26	11	1	12	20					496

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 classification1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	1	32	7	1	0	3	0	0	11	0	0	0	0	55
01:00	0	26	2	1	1	2	0	0	7	0	0	0	0	39
02:00	1	24	1	1	1	3	0	0	5	0	1	0	0	37
03:00	0	24	3	0	3	7	0	0	9	0	1	0	0	47
04:00	1	43	8	1	7	6	0	1	9	0	0	0	0	76
05:00	1	133	41	1	10	5	0	1	16	0	0	0	0	208
06:00	3	258	104	5	38	4	0	7	15	0	0	0	0	434
07:00	2	279	98	3	39	12	0	6	8	0	0	0	0	447
08:00	2	205	68	1	23	4	0	7	9	0	0	0	0	319
09:00	1	153	53	3	11	10	1	5	10	0	0	0	0	247
10:00	2	124	47	3	15	1	0	4	9	0	0	0	0	205
11:00	1	170	30	1	15	8	0	4	11	0	0	0	0	240
12 PM	3	184	47	1	14	6	0	2	11	0	0	0	0	268
13:00	1	184	40	3	13	5	0	10	10	0	0	0	0	266
14:00	0	39	7	0	0	0	0	0	1	0	0	0	0	47
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Day Total	19	1878	556	25	190	76	1	47	141	0	2	0	0	2935
Percent	0.6%	64.0%	18.9%	0.9%	6.5%	2.6%	0.0%	1.6%	4.8%	0.0%	0.1%	0.0%	0.0%	
AM Peak	06:00	07:00	06:00	06:00	07:00	07:00	09:00	06:00	05:00		02:00			07:00
Vol.	3	279	104	5	39	12	1	7	16		1			447
PM Peak	12:00	12:00	12:00	13:00	12:00	12:00		13:00	12:00					12:00
Vol.	3	184	47	3	14	6		10	11					268
Grand Total	245	28532	5247	229	1460	443	13	487	1564	6	16	1	2	38245
Percent	0.6%	74.6%	13.7%	0.6%	3.8%	1.2%	0.0%	1.3%	4.1%	0.0%	0.0%	0.0%	0.0%	



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	24	2	1	1	0	0	0	8	0	0	0	0	36
01:00	3	20	3	0	1	3	0	0	4	0	0	0	0	34
02:00	0	21	3	0	2	1	1	0	13	0	0	0	0	41
03:00	0	20	2	0	4	0	0	0	10	0	0	0	0	36
04:00	1	39	11	1	4	2	0	1	11	0	0	0	0	70
05:00	3	94	32	3	14	4	0	1	11	0	0	0	0	162
06:00	3	242	<b>72</b>	5	22	6	<b>2</b>	4	<b>18</b>	0	0	0	0	374
07:00	5	<b>377</b>	69	4	<b>28</b>	<b>7</b>	0	<b>5</b>	7	0	0	0	0	<b>502</b>
08:00	<b>7</b>	241	64	4	19	7	2	5	14	0	0	0	0	363
09:00	4	187	51	<b>10</b>	17	4	0	2	16	0	0	0	0	291
10:00	3	187	42	4	20	5	0	4	18	0	0	0	0	283
11:00	5	180	51	6	11	3	0	5	18	0	0	0	0	279
12 PM	4	191	47	2	14	<b>10</b>	<b>2</b>	9	19	<b>1</b>	0	0	0	299
13:00	4	174	52	3	20	6	0	<b>12</b>	22	0	0	0	0	293
14:00	3	237	<b>81</b>	6	21	7	1	7	<b>23</b>	0	0	0	0	386
15:00	<b>9</b>	327	61	<b>8</b>	<b>25</b>	5	0	4	16	0	0	0	0	455
16:00	3	333	66	4	24	2	0	2	13	0	0	0	0	447
17:00	3	<b>343</b>	68	5	16	2	0	3	19	0	0	0	0	<b>459</b>
18:00	3	268	53	2	21	4	0	4	14	0	0	0	0	369
19:00	1	235	44	1	13	1	0	2	7	0	0	0	0	304
20:00	0	162	40	0	5	0	0	1	9	0	0	0	0	217
21:00	2	96	17	0	3	6	0	0	8	0	1	<b>1</b>	0	134
22:00	3	92	16	2	1	5	0	1	6	0	<b>3</b>	0	0	129
23:00	0	40	8	0	1	2	0	0	5	0	0	0	0	56
Day Total	69	4130	955	71	307	92	8	72	309	1	4	1	0	6019
Percent	1.1%	68.6%	15.9%	1.2%	5.1%	1.5%	0.1%	1.2%	5.1%	0.0%	0.1%	0.0%	0.0%	
AM Peak	08:00	07:00	06:00	09:00	07:00	07:00	06:00	07:00	06:00					07:00
Vol.	7	377	72	10	28	7	2	5	18					502
PM Peak	15:00	17:00	14:00	15:00	15:00	12:00	12:00	13:00	14:00	12:00	22:00	21:00		17:00
Vol.	9	343	81	8	25	10	2	12	23	1	3	1		459

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	32	3	1	3	1	0	0	7	0	0	0	0	47
01:00	0	22	3	0	1	1	0	0	6	0	0	0	0	33
02:00	2	7	3	0	0	2	1	0	6	0	0	0	0	21
03:00	1	20	3	0	2	1	0	0	10	0	0	0	0	37
04:00	2	41	7	1	2	3	0	2	6	0	0	0	0	64
05:00	2	97	30	1	9	4	0	1	9	0	0	0	0	153
06:00	2	254	<b>72</b>	<b>7</b>	20	6	0	1	<b>17</b>	0	0	0	0	379
07:00	3	<b>364</b>	57	6	<b>24</b>	<b>9</b>	0	5	11	0	0	0	0	<b>479</b>
08:00	2	277	53	4	17	0	0	3	10	0	0	0	0	366
09:00	<b>5</b>	257	61	5	19	2	0	<b>7</b>	15	0	0	0	0	371
10:00	4	229	58	1	22	3	0	5	16	0	0	0	0	338
11:00	2	280	62	2	20	3	0	7	8	0	0	0	0	384
12 PM	4	297	80	2	18	6	1	<b>10</b>	16	0	0	0	0	434
13:00	<b>6</b>	261	62	4	19	<b>9</b>	0	6	<b>34</b>	0	0	0	0	401
14:00	6	320	61	1	24	3	0	3	14	0	0	0	0	432
15:00	1	466	<b>92</b>	<b>8</b>	<b>29</b>	2	<b>2</b>	9	21	0	0	0	0	630
16:00	5	448	79	5	29	6	0	9	19	0	0	0	0	600
17:00	5	<b>521</b>	92	5	27	4	0	6	14	0	0	0	0	<b>674</b>
18:00	2	359	70	4	16	4	0	4	14	0	1	0	0	474
19:00	0	332	62	1	15	1	0	3	5	0	0	0	0	419
20:00	3	200	43	0	6	2	0	2	8	0	1	0	0	265
21:00	0	181	26	0	7	4	0	1	7	0	<b>3</b>	0	0	229
22:00	1	135	23	0	6	2	0	0	9	0	2	<b>1</b>	0	179
23:00	0	89	8	0	4	0	0	1	9	<b>1</b>	0	0	0	112
Day Total	58	5489	1110	58	339	78	4	85	291	1	7	1	0	7521
Percent	0.8%	73.0%	14.8%	0.8%	4.5%	1.0%	0.1%	1.1%	3.9%	0.0%	0.1%	0.0%	0.0%	
AM Peak	09:00	07:00	06:00	06:00	07:00	07:00	02:00	09:00	06:00					07:00
Vol.	5	364	72	7	24	9	1	7	17					479
PM Peak	13:00	17:00	15:00	15:00	15:00	13:00	15:00	12:00	13:00	23:00	21:00	22:00		17:00
Vol.	6	521	92	8	29	9	2	10	34	1	3	1		674

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

**Northbound**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	2	47	9	0	0	2	0	0	8	0	0	0	0	68
01:00	0	27	3	0	1	0	0	0	2	0	0	0	0	33
02:00	0	23	7	1	0	1	0	0	2	0	0	0	0	34
03:00	1	17	8	0	1	1	0	0	7	0	0	0	0	35
04:00	2	33	19	0	4	2	0	1	4	0	0	0	0	65
05:00	0	81	30	1	10	0	0	0	6	0	0	0	0	128
06:00	0	116	26	1	6	1	0	2	7	0	0	0	0	159
07:00	3	179	33	3	11	1	0	3	8	0	0	0	0	241
08:00	2	221	47	3	11	0	0	<b>4</b>	<b>9</b>	0	0	0	0	297
09:00	<b>6</b>	247	47	2	11	<b>4</b>	0	2	6	0	0	0	0	325
10:00	2	269	42	<b>5</b>	<b>15</b>	3	0	0	6	0	0	0	0	342
11:00	3	<b>302</b>	<b>73</b>	2	11	3	0	2	8	0	0	0	0	<b>404</b>
12 PM	<b>3</b>	359	69	1	20	1	0	2	11	0	0	0	0	466
13:00	3	284	69	<b>2</b>	9	4	0	1	<b>12</b>	0	0	0	0	384
14:00	2	321	51	2	14	0	0	4	10	0	0	0	0	404
15:00	1	363	65	0	18	4	0	3	8	0	0	0	0	462
16:00	2	<b>522</b>	78	2	19	4	0	<b>7</b>	11	0	0	0	0	<b>645</b>
17:00	3	499	<b>80</b>	1	<b>21</b>	3	0	1	8	0	0	0	0	616
18:00	1	472	69	0	18	4	0	1	11	0	0	0	0	576
19:00	1	467	74	0	17	1	0	1	5	0	0	0	0	566
20:00	2	305	57	0	8	4	0	3	3	0	0	0	0	382
21:00	0	248	36	1	10	0	0	3	5	0	0	0	0	303
22:00	1	172	21	2	5	<b>5</b>	0	1	4	0	0	0	0	211
23:00	0	83	8	0	0	1	0	0	4	0	0	0	0	96
Day Total	40	5657	1021	29	240	49	0	41	165	0	0	0	0	7242
Percent	0.6%	78.1%	14.1%	0.4%	3.3%	0.7%	0.0%	0.6%	2.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	11:00	10:00	10:00	09:00		08:00	08:00					11:00
Vol.	6	302	73	5	15	4		4	9					404
PM Peak	12:00	16:00	17:00	13:00	17:00	22:00		16:00	13:00					16:00
Vol.	3	522	80	2	21	5		7	12					645

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

### Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	39	5	<b>2</b>	1	1	0	0	2	0	0	0	0	50
01:00	0	27	5	0	1	0	0	0	0	0	0	0	0	33
02:00	0	24	3	0	2	0	0	0	1	0	0	0	0	30
03:00	1	20	1	0	0	1	0	0	2	0	0	0	0	25
04:00	1	22	4	0	1	1	0	0	1	0	0	0	0	30
05:00	0	48	7	0	1	1	0	0	5	0	0	0	0	62
06:00	1	75	7	0	3	2	0	0	5	0	0	0	0	93
07:00	1	117	24	0	7	1	0	1	<b>7</b>	0	0	0	0	158
08:00	3	166	22	0	<b>8</b>	3	0	3	5	0	0	0	0	210
09:00	0	207	27	1	7	0	0	0	7	0	0	0	0	249
10:00	1	<b>279</b>	45	1	4	3	0	3	2	0	0	0	0	338
11:00	<b>7</b>	279	<b>64</b>	1	5	<b>4</b>	0	<b>5</b>	7	0	0	0	0	<b>372</b>
12 PM	6	309	49	0	10	3	0	4	9	0	0	0	0	390
13:00	6	322	55	<b>1</b>	14	3	0	5	10	0	0	0	0	416
14:00	<b>13</b>	308	66	1	13	3	0	<b>13</b>	12	0	0	0	0	429
15:00	4	337	54	1	11	3	0	1	6	0	0	0	0	417
16:00	3	519	<b>86</b>	1	<b>19</b>	<b>5</b>	0	3	12	0	0	0	0	<b>648</b>
17:00	4	505	64	1	18	2	0	1	7	0	0	0	0	602
18:00	3	<b>532</b>	74	0	14	2	0	2	<b>15</b>	0	0	0	0	642
19:00	1	405	75	1	12	3	0	0	9	0	0	0	0	506
20:00	2	211	36	0	3	0	0	0	4	0	0	0	0	256
21:00	1	66	16	0	4	2	0	1	5	0	0	0	0	95
22:00	0	75	3	1	0	1	0	0	7	0	0	0	0	87
23:00	1	46	9	0	4	0	0	0	5	0	0	0	0	65
Day Total	59	4938	801	12	162	44	0	42	145	0	0	0	0	6203
Percent	1.0%	79.6%	12.9%	0.2%	2.6%	0.7%	0.0%	0.7%	2.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00	11:00	00:00	08:00	11:00		11:00	07:00					11:00
Vol.	7	279	64	2	8	4		5	7					372
PM Peak	14:00	18:00	16:00	13:00	16:00	16:00		14:00	18:00					16:00
Vol.	13	532	86	1	19	5		13	15					648

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	2	20	1	0	1	2	0	1	7	0	0	0	0	34
01:00	0	18	1	0	1	0	0	0	1	0	0	0	0	21
02:00	0	17	0	0	1	0	<b>1</b>	1	4	0	0	0	0	24
03:00	0	12	3	2	2	1	0	1	6	0	0	0	0	27
04:00	0	32	13	1	4	2	0	0	7	0	0	0	0	59
05:00	3	94	37	2	14	6	0	1	6	0	0	0	0	163
06:00	4	247	57	6	19	<b>12</b>	0	4	10	0	0	0	0	359
07:00	1	<b>354</b>	<b>70</b>	6	<b>21</b>	6	0	4	11	0	0	0	0	<b>473</b>
08:00	1	244	50	<b>10</b>	14	2	0	<b>9</b>	13	0	0	0	0	343
09:00	<b>8</b>	181	58	4	16	7	0	6	19	0	0	0	0	299
10:00	4	192	38	0	13	5	0	3	12	0	0	0	0	267
11:00	2	194	41	1	14	6	0	4	<b>24</b>	0	0	0	0	286
12 PM	3	188	46	<b>6</b>	25	3	0	<b>5</b>	<b>23</b>	0	0	0	0	299
13:00	<b>10</b>	203	42	3	18	<b>9</b>	0	3	21	0	0	0	0	309
14:00	1	204	<b>69</b>	1	15	4	<b>1</b>	2	19	0	0	0	0	316
15:00	8	237	67	3	16	5	0	4	17	0	0	0	0	357
16:00	2	310	58	2	<b>26</b>	5	0	5	23	0	0	0	0	431
17:00	2	<b>335</b>	60	2	24	4	0	5	13	0	0	0	0	<b>445</b>
18:00	5	222	42	0	15	5	0	4	17	0	0	0	0	310
19:00	0	160	44	1	9	0	0	2	5	0	0	0	0	221
20:00	1	117	20	1	7	4	0	0	10	0	0	0	0	160
21:00	1	75	16	0	4	2	0	2	7	0	0	<b>1</b>	0	108
22:00	0	63	15	0	3	0	0	0	10	0	<b>1</b>	0	0	92
23:00	3	55	5	0	1	3	0	0	9	0	0	0	0	76
Day Total	61	3774	853	51	283	93	2	66	294	0	1	1	0	5479
Percent	1.1%	68.9%	15.6%	0.9%	5.2%	1.7%	0.0%	1.2%	5.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	07:00	08:00	07:00	06:00	02:00	08:00	11:00					07:00
Vol.	8	354	70	10	21	12	1	9	24					473
PM Peak	13:00	17:00	14:00	12:00	16:00	13:00	14:00	12:00	12:00		22:00	21:00		17:00
Vol.	10	335	69	6	26	9	1	5	23		1	1		445

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	1	24	4	1	1	2	0	1	3	0	0	0	0	37
01:00	1	18	2	0	0	1	0	0	9	0	0	0	0	31
02:00	0	10	1	0	1	1	<b>1</b>	0	7	0	0	0	0	21
03:00	1	15	2	1	1	3	0	2	8	0	0	0	0	33
04:00	2	36	10	1	3	3	0	0	5	0	0	0	0	60
05:00	0	87	34	3	9	6	0	0	12	0	0	0	0	151
06:00	1	248	68	5	17	<b>10</b>	0	2	13	0	0	0	0	364
07:00	1	<b>366</b>	<b>78</b>	2	<b>26</b>	3	1	3	8	<b>1</b>	0	0	0	<b>489</b>
08:00	<b>4</b>	203	51	4	11	4	0	3	9	0	0	0	0	289
09:00	1	192	49	2	16	2	0	2	14	0	0	0	0	278
10:00	3	161	41	<b>8</b>	15	4	0	2	16	0	0	0	0	250
11:00	2	158	41	6	19	2	0	<b>6</b>	<b>24</b>	0	0	0	0	258
12 PM	2	201	50	1	12	5	<b>1</b>	2	17	0	0	0	0	291
13:00	3	224	42	4	15	2	0	4	<b>20</b>	0	0	0	0	314
14:00	6	214	47	2	22	4	0	7	19	0	0	0	0	321
15:00	2	283	81	<b>5</b>	25	<b>8</b>	1	5	19	0	0	0	0	429
16:00	<b>9</b>	352	67	2	<b>31</b>	8	0	<b>11</b>	12	0	0	0	0	492
17:00	4	<b>362</b>	<b>83</b>	3	31	2	0	7	10	0	0	0	0	<b>502</b>
18:00	6	251	61	1	20	3	0	3	12	0	0	0	0	357
19:00	2	187	60	0	20	5	0	2	12	0	0	0	0	288
20:00	1	143	45	2	10	3	0	1	11	0	0	0	0	216
21:00	0	87	24	1	7	0	0	3	8	0	<b>1</b>	0	0	131
22:00	1	71	18	0	4	3	0	1	9	0	1	0	0	108
23:00	0	60	7	1	2	1	0	0	10	0	0	0	0	81
Day Total	53	3953	966	55	318	85	4	67	287	1	2	0	0	5791
Percent	0.9%	68.3%	16.7%	0.9%	5.5%	1.5%	0.1%	1.2%	5.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	07:00	10:00	07:00	06:00	02:00	11:00	11:00	07:00				07:00
Vol.	4	366	78	8	26	10	1	6	24	1				489
PM Peak	16:00	17:00	17:00	15:00	16:00	15:00	12:00	16:00	13:00		21:00			17:00
Vol.	9	362	83	5	31	8	1	11	20		1			502

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 classification  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	0	26	4	1	0	2	0	0	8	0	0	0	0	41
01:00	1	16	2	1	2	3	0	0	10	0	0	0	0	35
02:00	1	20	4	3	2	4	0	0	9	0	0	0	0	43
03:00	0	19	4	2	3	1	0	0	8	0	0	0	0	37
04:00	2	38	8	6	6	4	1	1	11	0	0	0	0	77
05:00	1	95	42	1	8	7	0	2	16	0	0	0	0	172
06:00	1	244	73	7	12	9	1	4	14	0	0	0	0	365
07:00	3	385	88	5	25	6	1	4	28	0	3	0	1	549
08:00	15	<b>427</b>	85	14	29	11	1	10	75	0	7	6	1	681
09:00	19	423	77	14	19	16	<b>2</b>	<b>15</b>	72	0	<b>14</b>	<b>8</b>	0	679
10:00	28	384	89	<b>17</b>	<b>35</b>	26	1	12	<b>92</b>	<b>1</b>	12	6	1	704
11:00	<b>54</b>	387	<b>94</b>	14	24	<b>42</b>	1	13	81	1	7	4	0	<b>722</b>
12 PM	<b>69</b>	423	96	11	38	<b>57</b>	<b>1</b>	13	63	<b>1</b>	<b>8</b>	3	0	<b>783</b>
13:00	14	<b>426</b>	109	8	31	16	0	<b>18</b>	<b>86</b>	0	7	<b>4</b>	<b>2</b>	721
14:00	19	360	91	<b>19</b>	40	20	1	15	62	0	2	0	0	629
15:00	5	309	93	3	39	5	0	7	24	0	0	0	0	485
16:00	6	401	95	3	<b>42</b>	5	0	10	21	0	0	0	0	583
17:00	2	383	104	4	36	2	0	7	15	0	0	0	0	553
18:00	8	331	<b>110</b>	1	31	3	0	9	11	0	0	0	0	504
19:00	1	220	73	0	15	3	1	2	8	0	0	0	0	323
20:00	2	183	50	1	16	4	0	2	7	0	0	0	0	265
21:00	2	108	35	0	13	2	0	1	8	0	0	0	0	169
22:00	3	75	19	0	2	4	0	0	8	0	1	0	0	112
23:00	0	58	4	1	2	0	0	0	6	0	0	0	0	71
Day Total	256	5741	1449	136	470	252	11	145	743	3	61	31	5	9303
Percent	2.8%	61.7%	15.6%	1.5%	5.1%	2.7%	0.1%	1.6%	8.0%	0.0%	0.7%	0.3%	0.1%	
AM Peak	11:00	08:00	11:00	10:00	10:00	11:00	09:00	09:00	10:00	10:00	09:00	09:00	07:00	11:00
Vol.	54	427	94	17	35	42	2	15	92	1	14	8	1	722
PM Peak	12:00	13:00	18:00	14:00	16:00	12:00	12:00	13:00	13:00	12:00	12:00	13:00	13:00	12:00
Vol.	69	426	110	19	42	57	1	18	86	1	8	4	2	783
Grand Total	596	33682	7155	412	2119	693	29	518	2234	6	75	34	5	47558
Percent	1.3%	70.8%	15.0%	0.9%	4.5%	1.5%	0.1%	1.1%	4.7%	0.0%	0.2%	0.1%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/28/17	0	0	0	2	2	12	15	13	3	2	0	0	0	0	0	49	39-48	28
01:00	0	0	0	0	3	15	12	7	2	1	0	0	0	0	0	40	35-44	25
02:00	0	0	0	0	2	7	13	5	4	0	0	0	0	0	0	31	38-47	19
03:00	0	0	0	0	4	9	14	11	1	0	0	0	0	0	0	39	39-48	24
04:00	<b>2</b>	0	1	0	4	9	25	13	6	2	0	0	0	0	0	62	40-49	35
05:00	0	0	0	0	10	33	69	59	14	2	0	0	0	0	0	187	40-49	120
06:00	1	0	0	3	<b>23</b>	64	<b>116</b>	63	19	0	0	0	0	0	0	289	38-47	179
07:00	1	0	0	3	21	<b>74</b>	111	<b>111</b>	<b>22</b>	<b>4</b>	0	0	0	0	0	<b>347</b>	40-49	209
08:00	0	<b>1</b>	<b>2</b>	1	13	56	78	69	20	1	0	0	0	0	0	241	39-48	142
09:00	2	0	0	2	18	42	99	70	14	2	0	0	0	0	0	249	40-49	158
10:00	0	0	0	<b>9</b>	17	58	110	34	10	1	0	0	0	0	0	239	37-46	159
11:00	2	0	0	4	15	43	102	56	18	1	0	0	0	0	0	241	39-48	152
12 PM	<b>5</b>	<b>6</b>	<b>4</b>	4	15	69	96	76	14	2	0	0	0	0	0	291	39-48	165
13:00	4	0	2	1	24	64	145	72	18	4	0	0	0	0	0	334	39-48	212
14:00	1	0	0	3	<b>34</b>	115	142	67	23	3	0	0	0	0	0	388	37-46	241
15:00	2	0	0	2	10	92	151	<b>132</b>	<b>28</b>	2	<b>2</b>	0	0	0	0	421	40-49	267
16:00	2	0	0	3	17	<b>123</b>	<b>209</b>	107	23	<b>5</b>	0	0	0	0	0	<b>489</b>	38-47	325
17:00	2	0	0	5	29	103	176	95	12	2	0	0	0	0	0	424	38-47	275
18:00	1	0	1	2	15	75	116	61	13	3	0	0	0	0	0	287	38-47	185
19:00	3	0	0	<b>9</b>	32	93	84	29	2	0	0	0	0	0	0	252	36-45	162
20:00	0	0	0	2	19	77	80	35	2	1	0	0	0	0	0	216	36-45	145
21:00	0	0	0	2	17	49	80	27	7	0	0	0	0	0	0	182	37-46	121
22:00	1	0	0	0	8	32	52	32	4	0	0	0	0	0	0	129	39-48	83
23:00	1	0	0	2	3	31	42	17	0	0	0	0	0	0	0	96	37-46	68
<b>Total</b>	<b>30</b>	<b>7</b>	<b>10</b>	<b>59</b>	<b>355</b>	<b>1345</b>	<b>2137</b>	<b>1261</b>	<b>279</b>	<b>38</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5523</b>		
Percent	0.5%	0.1%	0.2%	1.1%	6.4%	24.4%	38.7%	22.8%	5.1%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	04:00	08:00	08:00	10:00	06:00	07:00	06:00	07:00	07:00	07:00						07:00		
Vol.	2	1	2	9	23	74	116	111	22	4						347		
PM Peak	12:00	12:00	12:00	19:00	14:00	16:00	16:00	15:00	15:00	16:00	15:00					16:00		
Vol.	5	6	4	9	34	123	209	132	28	5	2					489		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/29/17	0	0	2	0	2	17	22	10	3	1	0	0	0	0	57	37-46	37
01:00	3	0	0	1	1	19	26	11	4	0	0	0	0	0	65	37-46	41
02:00	0	0	0	2	1	10	17	10	1	1	0	0	0	0	42	38-47	27
03:00	0	0	0	0	1	3	10	6	1	0	0	0	0	0	21	39-48	15
04:00	0	0	0	0	5	16	12	20	6	0	1	0	0	0	60	40-49	31
05:00	0	1	1	4	6	32	71	48	10	1	0	0	0	0	174	40-49	112
06:00	0	0	0	5	20	97	101	50	11	1	0	0	0	0	285	37-46	183
07:00	4	0	0	2	27	73	167	91	19	3	0	1	0	0	387	39-48	249
08:00	0	0	0	2	12	63	124	70	13	1	0	0	0	0	285	39-48	191
09:00	1	0	0	10	22	53	98	52	13	2	0	0	0	0	251	38-47	150
10:00	1	0	1	1	16	74	101	42	10	0	0	0	0	0	246	37-46	163
11:00	0	0	0	10	27	100	125	59	13	1	0	0	0	0	335	37-46	211
12 PM	4	0	2	11	29	115	128	56	8	0	0	0	0	0	353	37-46	223
13:00	5	0	0	4	21	104	122	76	18	0	0	0	0	0	350	37-46	213
14:00	0	0	1	13	44	124	162	84	15	2	1	0	0	0	446	37-46	272
15:00	5	1	2	7	45	196	183	74	6	0	0	0	0	0	519	36-45	345
16:00	5	0	2	3	42	192	266	100	10	0	0	0	0	0	620	37-46	424
17:00	5	1	1	12	37	150	212	74	9	0	0	0	0	0	501	37-46	334
18:00	1	0	1	6	43	136	146	63	5	0	0	0	0	0	401	36-45	260
19:00	1	0	0	7	27	136	86	27	4	0	1	0	0	0	289	35-44	203
20:00	2	0	0	2	28	81	110	34	4	1	0	0	0	0	262	37-46	175
21:00	0	0	0	2	32	92	110	32	10	0	0	0	0	0	278	36-45	185
22:00	0	0	0	9	26	98	95	25	1	0	0	0	0	0	254	36-45	176
23:00	0	0	1	6	7	46	67	30	5	2	0	1	0	0	165	37-46	107
<b>Total</b>	<b>37</b>	<b>3</b>	<b>14</b>	<b>119</b>	<b>521</b>	<b>2027</b>	<b>2561</b>	<b>1144</b>	<b>199</b>	<b>16</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>6646</b>		
<b>Percent</b>	<b>0.6%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>1.8%</b>	<b>7.8%</b>	<b>30.5%</b>	<b>38.5%</b>	<b>17.2%</b>	<b>3.0%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>07:00</b>	<b>05:00</b>	<b>00:00</b>	<b>09:00</b>	<b>07:00</b>	<b>11:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>04:00</b>	<b>07:00</b>			<b>07:00</b>		
<b>Vol.</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>27</b>	<b>100</b>	<b>167</b>	<b>91</b>	<b>19</b>	<b>3</b>	<b>1</b>	<b>1</b>			<b>387</b>		
<b>PM Peak</b>	<b>13:00</b>	<b>15:00</b>	<b>12:00</b>	<b>14:00</b>	<b>15:00</b>	<b>15:00</b>	<b>16:00</b>	<b>16:00</b>	<b>13:00</b>	<b>14:00</b>	<b>14:00</b>	<b>23:00</b>			<b>16:00</b>		
<b>Vol.</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>13</b>	<b>45</b>	<b>196</b>	<b>266</b>	<b>100</b>	<b>18</b>	<b>2</b>	<b>1</b>	<b>1</b>			<b>620</b>		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/30/17	1	0	0	0	5	24	51	31	3	<b>2</b>	0	0	0	0	117	39-48	79
01:00	0	0	0	1	4	20	40	20	3	1	0	0	0	0	89	38-47	60
02:00	0	0	0	0	3	24	32	19	2	0	0	0	0	0	80	38-47	54
03:00	0	0	0	0	1	10	19	6	3	1	0	<b>1</b>	0	0	41	38-47	27
04:00	0	0	0	0	11	11	17	13	5	1	0	0	0	0	58	40-49	29
05:00	0	0	1	1	5	26	28	22	7	0	0	0	0	0	90	38-47	52
06:00	0	0	0	2	7	24	62	24	4	0	0	0	0	0	123	39-48	86
07:00	1	0	0	2	18	48	90	66	<b>20</b>	1	0	0	0	0	246	40-49	148
08:00	1	0	1	2	23	100	144	74	9	1	0	0	0	0	355	38-47	233
09:00	<b>2</b>	0	0	5	<b>50</b>	<b>112</b>	166	<b>100</b>	15	1	0	0	0	0	<b>451</b>	38-47	272
10:00	1	0	1	0	25	104	172	95	17	1	0	0	0	0	416	38-47	272
11:00	0	0	<b>2</b>	<b>10</b>	27	90	<b>211</b>	79	14	0	0	0	0	0	433	38-47	297
12 PM	<b>2</b>	<b>1</b>	0	2	29	115	155	73	14	<b>2</b>	0	0	0	0	393	37-46	254
13:00	1	0	<b>1</b>	4	24	108	162	<b>77</b>	16	1	0	0	0	0	394	38-47	257
14:00	1	0	0	2	18	<b>121</b>	<b>198</b>	74	10	0	0	0	0	0	<b>424</b>	37-46	300
15:00	1	0	1	<b>9</b>	22	81	193	77	18	2	0	0	0	0	404	38-47	272
16:00	1	0	0	2	25	94	156	72	<b>19</b>	0	0	0	0	0	369	38-47	241
17:00	1	0	0	2	36	101	133	74	13	2	<b>1</b>	0	0	0	363	37-46	223
18:00	0	0	0	1	29	105	132	48	9	0	0	0	0	0	324	37-46	219
19:00	0	0	0	3	<b>49</b>	107	93	25	2	0	0	0	0	0	279	35-44	186
20:00	0	0	0	2	28	83	103	35	6	1	0	0	0	0	258	37-46	171
21:00	0	0	0	1	37	104	123	47	5	1	0	0	0	0	318	36-45	210
22:00	0	0	0	6	32	83	115	49	4	2	0	0	0	0	291	37-46	187
23:00	0	0	0	0	16	72	102	48	2	0	0	0	0	0	240	37-46	165
<b>Total</b>	<b>13</b>	<b>1</b>	<b>7</b>	<b>57</b>	<b>524</b>	<b>1767</b>	<b>2697</b>	<b>1248</b>	<b>220</b>	<b>20</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6556</b>		
<b>Percent</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.9%</b>	<b>8.0%</b>	<b>27.0%</b>	<b>41.1%</b>	<b>19.0%</b>	<b>3.4%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	09:00		11:00	11:00	09:00	09:00	11:00	09:00	07:00	00:00		03:00			09:00		
Vol.	2		2	10	50	112	211	100	20	2		1			451		
PM Peak	12:00	12:00	13:00	15:00	19:00	14:00	14:00	13:00	16:00	12:00	17:00				14:00		
Vol.	2	1	1	9	49	121	198	77	19	2	1				424		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	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	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	7	24	63	27	3	0	0	0	0	0	124	39-48	89
01:00	0	0	0	2	4	22	36	19	2	0	0	0	0	0	85	38-47	57
02:00	0	0	0	0	1	16	30	17	4	0	0	0	0	0	68	39-48	47
03:00	0	0	1	0	1	10	14	6	1	1	0	0	0	0	34	37-46	23
04:00	0	0	0	1	2	9	12	12	2	1	0	0	0	0	39	39-48	23
05:00	0	0	0	1	3	7	28	10	5	0	0	0	0	0	54	39-48	37
06:00	0	0	0	2	3	14	30	22	5	1	0	0	0	0	77	40-49	49
07:00	0	0	0	3	9	30	65	65	14	0	0	0	0	0	186	40-49	120
08:00	0	0	0	3	17	64	186	76	12	4	0	0	0	0	362	39-48	257
09:00	1	1	0	8	40	147	194	85	10	0	0	0	0	0	486	37-46	319
10:00	0	0	0	2	10	83	145	78	12	2	0	0	0	0	332	38-47	226
11:00	2	1	5	2	18	74	147	85	16	1	0	0	0	0	351	39-48	226
12 PM	3	0	1	4	26	86	141	82	10	1	0	0	0	0	354	38-47	224
13:00	2	1	2	3	16	62	147	85	16	1	0	0	0	0	335	39-48	221
14:00	3	0	0	6	17	90	145	77	13	3	0	0	0	0	354	38-47	228
15:00	5	7	1	4	11	95	152	82	15	3	0	0	0	0	375	38-47	237
16:00	1	0	1	8	24	94	153	65	10	2	0	0	0	0	358	38-47	235
17:00	2	0	0	4	25	95	167	75	18	3	0	0	0	0	389	38-47	253
18:00	0	0	1	3	18	80	141	66	11	0	0	0	0	0	320	38-47	215
19:00	1	0	0	3	12	111	116	36	5	0	0	0	0	0	284	36-45	205
20:00	0	0	0	1	10	68	88	39	11	1	0	0	0	0	218	37-46	146
21:00	0	0	0	4	19	42	70	23	2	1	0	0	0	0	161	37-46	105
22:00	0	0	0	2	3	27	48	26	4	0	1	0	0	0	111	38-47	75
23:00	0	0	1	0	4	24	26	18	2	0	0	0	0	0	75	37-46	48
<b>Total</b>	20	10	13	66	300	1374	2344	1176	203	25	1	0	0	0	5532		
<b>Percent</b>	0.4%	0.2%	0.2%	1.2%	5.4%	24.8%	42.4%	21.3%	3.7%	0.5%	0.0%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	11:00	09:00	11:00	09:00	09:00	09:00	09:00	09:00	11:00	08:00					09:00		
<b>Vol.</b>	2	1	5	8	40	147	194	85	16	4					486		
<b>PM Peak</b>	15:00	15:00	13:00	16:00	12:00	19:00	17:00	13:00	17:00	14:00	22:00				17:00		
<b>Vol.</b>	5	7	2	8	26	111	167	85	18	3	1				389		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
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743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	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	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	6	9	24	9	2	0	0	0	0	0	50	38-47	33
01:00	0	0	0	0	0	13	14	7	1	0	1	0	0	0	36	36-45	25
02:00	0	0	0	2	1	15	12	2	1	0	1	0	0	0	34	36-45	24
03:00	0	0	0	0	2	6	9	13	4	0	0	0	0	0	34	41-50	21
04:00	1	0	0	0	0	10	22	12	10	1	1	0	0	0	57	39-48	33
05:00	0	0	2	2	6	17	64	54	18	1	0	0	0	0	164	41-50	108
06:00	0	0	0	8	13	70	121	75	7	1	0	0	0	0	295	39-48	194
07:00	1	2	0	10	43	93	108	92	14	0	0	0	0	0	363	38-47	200
08:00	0	0	2	4	25	31	104	81	14	2	0	0	0	0	263	40-49	169
09:00	0	0	1	3	22	78	84	42	7	1	0	0	0	0	238	37-46	151
10:00	3	2	1	5	17	63	85	46	7	3	1	0	0	0	233	38-47	139
11:00	0	0	0	2	16	84	112	48	12	2	0	0	0	0	276	37-46	184
12 PM	2	0	0	3	20	72	101	56	10	2	0	0	0	0	266	38-47	166
13:00	3	0	2	2	16	73	109	65	14	0	0	0	0	0	284	38-47	177
14:00	3	0	0	13	27	75	126	70	10	1	1	0	0	0	326	38-47	198
15:00	3	0	2	2	30	74	150	84	22	2	0	0	1	0	370	39-48	229
16:00	0	0	0	8	38	117	170	97	13	0	1	0	0	0	444	38-47	279
17:00	1	0	0	4	36	84	181	99	16	1	0	0	0	0	422	39-48	273
18:00	0	0	1	1	21	62	110	49	9	0	0	0	0	0	253	38-47	167
19:00	0	0	1	6	25	68	68	34	2	1	1	2	0	0	208	36-45	127
20:00	0	0	0	0	14	59	64	28	8	0	1	0	0	0	174	37-46	114
21:00	1	0	0	1	11	43	62	25	5	0	0	0	0	0	148	37-46	98
22:00	0	0	1	5	17	30	34	14	3	2	0	0	0	0	106	36-45	60
23:00	0	0	0	0	9	25	15	15	4	0	0	0	0	0	68	36-45	38
<b>Total</b>	18	4	13	81	415	1271	1949	1117	213	20	8	2	1	0	5112		
<b>Percent</b>	0.4%	0.1%	0.3%	1.6%	8.1%	24.9%	38.1%	21.9%	4.2%	0.4%	0.2%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	10:00	07:00	05:00	07:00	07:00	07:00	06:00	07:00	05:00	10:00	07:00	01:00			07:00		
<b>Vol.</b>	3	2	2	10	43	93	121	92	18	3	1				363		
<b>PM Peak</b>	13:00		13:00	14:00	16:00	16:00	17:00	17:00	15:00	12:00	14:00	19:00	15:00		16:00		
<b>Vol.</b>	3		2	13	38	117	181	99	22	2	1	2	1		444		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/03/17	0	0	0	1	1	17	27	8	1	0	0	0	0	0	55	37-46	41
01:00	1	0	0	0	1	6	12	8	2	0	0	0	0	0	30	39-48	19
02:00	0	0	0	0	3	10	13	5	0	0	0	0	0	0	31	37-46	21
03:00	0	0	0	0	1	7	11	6	0	0	0	0	0	0	25	38-47	18
04:00	2	0	0	2	6	10	27	16	9	1	0	0	0	0	73	39-48	40
05:00	0	0	1	4	9	37	53	54	12	2	1	0	0	0	173	40-49	101
06:00	1	0	0	11	31	66	140	60	6	2	0	0	0	0	317	38-47	203
07:00	1	0	0	13	32	114	196	87	9	1	0	0	0	0	453	38-47	299
08:00	1	2	3	12	34	60	113	66	15	1	0	0	0	0	307	39-48	176
09:00	0	0	2	15	48	90	110	49	5	0	0	0	0	0	319	36-45	188
10:00	0	0	0	4	21	61	106	56	9	0	0	0	0	0	257	38-47	165
11:00	2	0	6	9	22	80	124	55	10	2	0	0	0	0	310	38-47	193
12 PM	2	0	1	2	39	89	140	60	9	0	0	0	0	0	342	37-46	217
13:00	2	2	0	4	34	105	130	45	9	3	1	0	0	0	335	37-46	215
14:00	5	0	0	9	21	125	162	59	16	2	0	0	0	0	399	37-46	263
15:00	6	0	2	3	27	141	177	87	24	2	1	0	0	0	470	37-46	296
16:00	3	0	0	10	44	138	199	86	16	0	0	0	0	0	496	37-46	317
17:00	1	0	1	9	38	119	183	83	15	3	0	0	0	0	452	38-47	287
18:00	1	1	1	7	21	116	137	68	7	1	0	0	0	0	360	37-46	236
19:00	0	0	0	9	23	76	77	38	3	0	0	0	0	0	226	36-45	142
20:00	0	0	1	2	25	69	61	32	7	1	0	0	0	0	198	36-45	121
21:00	0	0	0	0	11	37	56	20	8	0	0	0	0	0	132	37-46	87
22:00	0	0	0	0	8	30	38	13	4	0	0	0	0	0	93	37-46	63
23:00	1	0	0	1	4	25	34	18	4	1	0	0	0	0	88	37-46	56
<b>Total</b>	29	5	18	127	504	1628	2326	1079	200	22	3	0	0	0	5941		
<b>Percent</b>	0.5%	0.1%	0.3%	2.1%	8.5%	27.4%	39.2%	18.2%	3.4%	0.4%	0.1%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	04:00	08:00	11:00	09:00	09:00	07:00	07:00	07:00	08:00	05:00	05:00				07:00		
<b>Vol.</b>	2	2	6	15	48	114	196	87	15	2	1				453		
<b>PM Peak</b>	15:00	13:00	15:00	16:00	16:00	15:00	16:00	15:00	15:00	13:00	13:00				16:00		
<b>Vol.</b>	6	2	2	10	44	141	199	87	24	3	1				496		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743003 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	4	4	10	15	17	5	0	0	0	0	0	55	40-49	30
01:00	0	0	0	0	2	11	19	5	2	0	0	0	0	0	39	37-46	28
02:00	0	0	0	2	2	11	15	4	1	1	1	0	0	0	37	36-45	24
03:00	0	0	0	3	4	14	18	7	1	0	0	0	0	0	47	37-46	30
04:00	0	0	1	2	2	10	30	24	5	2	0	0	0	0	76	40-49	50
05:00	0	0	0	3	13	41	70	59	21	1	0	0	0	0	208	40-49	123
06:00	1	0	3	16	56	135	165	53	5	0	0	0	0	0	434	36-45	277
07:00	1	1	1	14	54	135	161	69	10	1	0	0	0	0	447	37-46	275
08:00	0	0	2	13	56	90	99	46	10	3	0	0	0	0	319	36-45	179
09:00	0	0	1	7	33	70	76	52	7	1	0	0	0	0	247	37-46	140
10:00	1	3	1	3	30	63	76	26	2	0	0	0	0	0	205	36-45	128
11:00	2	0	0	8	33	90	71	28	8	0	0	0	0	0	240	36-45	148
12 PM	1	2	4	23	43	85	81	23	5	1	0	0	0	0	268	35-44	153
13:00	2	0	2	9	31	82	92	39	9	0	0	0	0	0	266	36-45	161
14:00	0	0	1	1	6	22	11	6	0	0	0	0	0	0	47	35-44	31
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
<b>Total</b>	8	6	16	108	369	869	999	458	91	10	1	0	0	0	2935		
Percent	0.3%	0.2%	0.5%	3.7%	12.6%	29.6%	34.0%	15.6%	3.1%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	06:00	06:00	06:00	06:00	06:00	07:00	05:00	08:00	02:00				07:00		
Vol.	2	3	3	16	56	135	165	69	21	3	1				447		
PM Peak	13:00	12:00	12:00	12:00	12:00	12:00	13:00	13:00	13:00	12:00					12:00		
Vol.	2	2	4	23	43	85	92	39	9	1					268		
Total	155	36	91	617	2988	10281	15013	7483	1405	151	19	5	1	0	38245		
Percent	0.4%	0.1%	0.2%	1.6%	7.8%	26.9%	39.3%	19.6%	3.7%	0.4%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 35 MPH  
 50th Percentile : 41 MPH  
 85th Percentile : 47 MPH  
 95th Percentile : 50 MPH

Stats  
 10 MPH Pace Speed : 38-47 MPH  
 Number in Pace : 24086  
 Percent in Pace : 63.0%  
 Number of Vehicles > 55 MPH : 176  
 Percent of Vehicles > 55 MPH : 0.5%  
 Mean Speed(Average) : 42 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/28/17	0	0	0	1	2	7	14	7	4	1	0	0	0	0	36	37-46	21
01:00	0	0	0	0	9	3	10	9	3	0	0	0	0	0	34	42-51	17
02:00	0	0	0	0	2	7	14	12	3	2	0	1	0	0	41	41-50	24
03:00	0	0	0	0	2	7	14	4	8	1	0	0	0	0	36	37-46	20
04:00	0	0	0	0	3	13	17	26	7	2	0	0	1	1	70	42-51	40
05:00	0	0	0	2	14	27	47	41	23	7	1	0	0	0	162	40-49	84
06:00	2	0	5	6	25	80	144	87	21	3	1	0	0	0	374	39-48	227
07:00	0	2	9	14	28	77	179	150	35	7	0	1	0	0	502	40-49	305
08:00	0	0	0	4	27	76	129	88	34	4	1	0	0	0	363	39-48	212
09:00	0	1	1	1	23	74	112	57	18	4	0	0	0	0	291	38-47	179
10:00	0	1	1	0	17	54	125	62	17	4	2	0	0	0	283	39-48	183
11:00	0	0	0	4	15	85	103	59	11	2	0	0	0	0	279	37-46	178
12 PM	1	0	3	9	21	65	117	63	19	1	0	0	0	0	299	38-47	181
13:00	0	0	0	0	18	73	117	69	15	1	0	0	0	0	293	38-47	188
14:00	4	0	6	5	39	106	131	71	21	3	0	0	0	0	386	37-46	223
15:00	3	1	4	8	25	101	168	120	21	3	1	0	0	0	455	39-48	279
16:00	1	0	0	6	12	88	162	136	38	3	1	0	0	0	447	40-49	281
17:00	0	1	6	22	30	78	171	120	25	5	1	0	0	0	459	40-49	275
18:00	0	0	0	13	34	76	145	75	16	9	1	0	0	0	369	38-47	221
19:00	0	1	0	10	23	97	124	39	7	3	0	0	0	0	304	37-46	203
20:00	0	0	6	1	11	75	69	44	7	4	0	0	0	0	217	37-46	134
21:00	0	0	0	2	11	21	44	43	12	0	1	0	0	0	134	41-50	81
22:00	0	0	0	3	13	33	28	35	13	2	2	0	0	0	129	39-48	62
23:00	0	0	0	0	3	17	21	12	3	0	0	0	0	0	56	37-46	36
<b>Total</b>	11	7	41	111	407	1340	2205	1429	381	71	12	2	1	1	6019		
<b>Percent</b>	0.2%	0.1%	0.7%	1.8%	6.8%	22.3%	36.6%	23.7%	6.3%	1.2%	0.2%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	06:00	07:00	07:00	07:00	07:00	11:00	07:00	07:00	07:00	05:00	10:00	02:00	04:00	04:00	07:00		
<b>Vol.</b>	2	2	9	14	28	85	179	150	35	7	2	1	1	1	502		
<b>PM Peak</b>	14:00	15:00	14:00	17:00	14:00	14:00	17:00	16:00	16:00	18:00	22:00				17:00		
<b>Vol.</b>	4	1	6	22	39	106	171	136	38	9	2				459		

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/29/17	0	0	0	0	0	8	22	10	6	0	1	0	0	0		47	39-48	31
01:00	0	0	0	0	1	8	6	9	8	1	0	0	0	0		33	45-54	16
02:00	1	0	2	0	3	2	7	5	1	0	0	0	0	0		21	40-49	11
03:00	0	0	0	0	3	3	12	15	3	1	0	0	0	0		37	42-51	24
04:00	0	0	0	0	4	12	16	19	7	4	1	0	0	1		64	41-50	33
05:00	0	0	2	3	7	22	43	48	23	3	1	1	0	0		153	42-51	85
06:00	0	0	2	5	33	95	131	79	32	1	0	0	0	1		379	38-47	220
07:00	0	0	1	6	20	104	197	105	43	2	1	0	0	0		479	39-48	302
08:00	0	0	2	1	12	63	140	115	28	4	0	1	0	0		366	40-49	238
09:00	2	0	0	2	16	91	147	91	16	5	0	1	0	0		371	38-47	237
10:00	0	0	0	3	23	86	114	87	23	2	0	0	0	0		338	39-48	201
11:00	0	0	1	2	22	81	131	106	39	2	0	0	0	0		384	40-49	227
12 PM	2	6	8	6	15	114	176	80	26	1	0	0	0	0		434	38-47	274
13:00	1	1	4	8	44	104	161	61	15	1	1	0	0	0		401	37-46	249
14:00	1	0	1	4	29	101	175	87	30	4	0	0	0	0		432	38-47	270
15:00	2	0	1	14	67	180	251	104	9	2	0	0	0	0		630	37-46	404
16:00	1	9	21	26	44	119	204	140	29	7	0	0	0	0		600	39-48	333
17:00	1	1	3	16	66	236	244	93	12	1	1	0	0	0		674	36-45	441
18:00	1	0	5	7	40	127	216	64	13	1	0	0	0	0		474	37-46	320
19:00	1	1	5	25	70	110	119	72	15	1	0	0	0	0		419	36-45	218
20:00	0	0	0	1	25	60	97	63	19	0	0	0	0	0		265	39-48	159
21:00	1	0	0	0	28	64	82	43	11	0	0	0	0	0		229	37-46	138
22:00	1	0	0	0	10	39	74	38	16	1	0	0	0	0		179	38-47	112
23:00	0	0	0	0	1	24	36	33	15	3	0	0	0	0		112	40-49	66
<b>Total</b>	15	18	58	129	583	1853	2801	1567	439	47	6	3	0	2		7521		
Percent	0.2%	0.2%	0.8%	1.7%	7.8%	24.6%	37.2%	20.8%	5.8%	0.6%	0.1%	0.0%	0.0%	0.0%				
AM Peak	09:00		02:00	07:00	06:00	07:00	07:00	08:00	07:00	09:00	00:00	05:00		04:00		07:00		
Vol.	2		2	6	33	104	197	115	43	5	1	1		1		479		
PM Peak	12:00	16:00	16:00	16:00	19:00	17:00	15:00	16:00	14:00	16:00	13:00					17:00		
Vol.	2	9	21	26	70	236	251	140	30	7	1					674		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/30/17	1	0	0	0	2	18	19	20	7	1	0	0	0	0	68	39-48	38
01:00	0	0	0	0	1	7	10	8	5	2	0	0	0	0	33	39-48	18
02:00	0	0	0	0	1	7	4	13	8	1	0	0	0	0	34	45-54	20
03:00	0	0	0	0	1	13	10	7	2	2	0	0	0	0	35	37-46	21
04:00	0	0	0	0	7	4	19	24	11	0	0	0	0	0	65	42-51	40
05:00	2	1	0	0	7	25	35	38	16	3	1	0	0	0	128	41-50	68
06:00	1	0	0	2	6	17	66	44	18	4	0	1	0	0	159	40-49	101
07:00	1	0	0	2	10	48	83	65	25	7	0	0	0	0	241	40-49	141
08:00	0	0	0	2	5	37	129	<b>94</b>	<b>26</b>	3	1	0	0	0	297	40-49	205
09:00	<b>3</b>	1	0	7	23	86	116	72	12	4	1	0	0	0	325	38-47	195
10:00	0	0	1	0	20	94	135	73	14	4	1	0	0	0	342	38-47	221
11:00	0	0	0	<b>9</b>	<b>33</b>	<b>118</b>	<b>139</b>	87	14	4	0	0	0	0	<b>404</b>	37-46	245
12 PM	0	3	<b>21</b>	15	50	155	147	65	8	1	1	0	0	0	466	36-45	279
13:00	0	0	4	11	43	95	142	75	11	<b>3</b>	0	0	0	0	384	38-47	229
14:00	<b>1</b>	0	0	1	12	116	157	92	23	2	0	0	0	0	404	38-47	263
15:00	0	0	1	3	30	108	195	92	<b>30</b>	3	0	0	0	0	462	38-47	297
16:00	1	5	10	23	75	196	221	100	14	0	0	0	0	0	<b>645</b>	37-46	386
17:00	0	0	12	13	50	169	<b>233</b>	<b>112</b>	25	2	0	0	0	0	616	37-46	381
18:00	0	0	5	27	90	157	190	94	9	3	1	0	0	0	576	37-46	328
19:00	1	<b>10</b>	19	<b>29</b>	<b>94</b>	<b>208</b>	138	56	10	1	0	0	0	0	566	35-44	326
20:00	0	2	4	22	35	84	150	73	11	1	0	0	0	0	382	38-47	229
21:00	0	0	0	2	14	73	141	64	9	0	0	0	0	0	303	38-47	210
22:00	0	0	1	2	11	67	71	46	11	2	0	0	0	0	211	37-46	131
23:00	0	0	0	0	6	27	22	29	11	1	0	0	0	0	96	40-49	50
Total	11	22	78	170	626	1929	2572	1443	330	54	6	1	0	0	7242		
Percent	0.2%	0.3%	1.1%	2.3%	8.6%	26.6%	35.5%	19.9%	4.6%	0.7%	0.1%	0.0%	0.0%	0.0%			
AM Peak	09:00	05:00	10:00	11:00	11:00	11:00	11:00	08:00	08:00	07:00	11:00	05:00	06:00		11:00		
Vol.	3	1	1	9	33	118	139	94	26	7	1	1		404			
PM Peak	14:00	19:00	12:00	19:00	19:00	19:00	17:00	17:00	15:00	13:00	12:00			16:00			
Vol.	1	10	21	29	94	208	233	112	30	3	1			645			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	1	0	5	26	15	3	0	0	0	0	0	50	40-49	38
01:00	0	0	0	0	0	3	13	8	4	3	2	0	0	0	33	41-50	19
02:00	0	0	0	0	0	3	8	15	3	0	1	0	0	0	30	42-51	21
03:00	0	0	0	0	2	3	7	10	1	1	1	0	0	0	25	42-51	15
04:00	0	0	0	3	1	0	9	8	6	2	1	0	0	0	30	41-50	16
05:00	<b>2</b>	0	0	0	0	17	9	21	10	3	0	0	0	0	62	43-52	30
06:00	0	0	0	0	7	15	31	19	16	4	0	<b>1</b>	0	0	93	40-49	48
07:00	0	0	0	1	2	15	53	53	24	<b>7</b>	<b>3</b>	0	0	0	158	41-50	98
08:00	0	0	0	0	6	26	57	83	<b>30</b>	6	1	1	0	0	210	42-51	131
09:00	0	0	0	0	2	25	91	99	29	3	0	0	0	0	249	41-50	174
10:00	0	0	1	5	6	<b>68</b>	<b>149</b>	80	26	3	0	0	0	0	338	39-48	224
11:00	0	0	<b>3</b>	<b>13</b>	<b>12</b>	53	140	<b>126</b>	21	4	0	0	0	0	<b>372</b>	40-49	244
12 PM	1	0	0	0	36	62	143	112	33	3	0	0	0	0	390	40-49	238
13:00	1	0	2	6	17	101	146	116	24	3	0	0	0	0	416	39-48	256
14:00	<b>3</b>	2	<b>8</b>	10	31	94	178	75	23	5	0	0	0	0	429	38-47	262
15:00	2	0	0	2	9	53	180	124	<b>40</b>	5	<b>1</b>	0	0	<b>1</b>	417	40-49	280
16:00	1	0	1	16	43	151	<b>272</b>	134	27	2	0	<b>1</b>	0	0	<b>648</b>	38-47	416
17:00	1	0	0	9	43	130	222	<b>156</b>	38	3	0	0	0	0	602	39-48	367
18:00	0	0	5	14	<b>64</b>	<b>193</b>	221	112	31	1	1	0	0	0	642	37-46	388
19:00	0	<b>3</b>	8	<b>19</b>	43	140	195	88	7	3	0	0	0	0	506	37-46	316
20:00	0	0	0	1	3	51	113	69	15	2	0	0	<b>1</b>	<b>1</b>	256	39-48	175
21:00	0	0	0	2	8	16	34	26	8	1	0	0	0	0	95	40-49	57
22:00	0	0	0	0	2	12	36	22	11	3	1	0	0	0	87	40-49	55
23:00	1	0	0	1	6	11	13	22	3	<b>8</b>	0	0	0	0	65	41-50	32
Total	12	5	28	103	343	1247	2346	1593	433	75	12	3	1	2	6203		
Percent	0.2%	0.1%	0.5%	1.7%	5.5%	20.1%	37.8%	25.7%	7.0%	1.2%	0.2%	0.0%	0.0%	0.0%			
AM Peak	05:00		11:00	11:00	11:00	10:00	10:00	11:00	08:00	07:00	07:00	06:00					11:00
Vol.	2		3	13	12	68	149	126	30	7	3	1			372		
PM Peak	14:00	19:00	14:00	19:00	18:00	18:00	16:00	17:00	15:00	23:00	15:00	16:00	20:00	15:00	16:00		
Vol.	3	3	8	19	64	193	272	156	40	8	1	1	1	1	648		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	4	6	10	8	5	1	0	0	0	0	34	41-50	17
01:00	0	0	0	0	0	2	12	5	1	1	0	0	0	0	21	39-48	16
02:00	0	0	0	0	2	8	3	4	3	1	2	0	0	1	24	34-43	11
03:00	0	0	0	0	0	3	10	8	5	1	0	0	0	0	27	40-49	17
04:00	0	0	0	0	1	7	23	16	8	3	0	0	1	0	59	41-50	36
05:00	0	0	1	0	16	28	32	51	22	12	1	0	0	0	163	42-51	80
06:00	1	0	0	5	24	85	122	91	31	0	0	0	0	0	359	39-48	210
07:00	3	0	0	0	22	89	195	127	32	4	1	0	0	0	473	39-48	305
08:00	2	0	1	7	13	66	102	115	34	3	0	0	0	0	343	41-50	202
09:00	0	0	1	2	27	60	111	71	22	5	0	0	0	0	299	39-48	178
10:00	0	0	2	1	11	52	118	63	17	1	2	0	0	0	267	39-48	177
11:00	0	0	2	7	20	67	97	66	24	3	0	0	0	0	286	38-47	164
12 PM	0	2	1	2	13	67	130	67	12	5	0	0	0	0	299	39-48	196
13:00	3	0	0	10	27	106	93	55	11	4	0	0	0	0	309	36-45	184
14:00	1	0	0	3	15	70	139	71	12	5	0	0	0	0	316	39-48	209
15:00	2	0	6	13	43	72	104	83	28	6	0	0	0	0	357	39-48	182
16:00	0	0	0	5	38	94	130	119	37	8	0	0	0	0	431	40-49	239
17:00	0	0	0	1	14	85	179	121	39	5	1	0	0	0	445	39-48	286
18:00	1	0	2	3	22	75	94	79	24	8	1	1	0	0	310	39-48	171
19:00	0	0	8	6	16	65	76	38	11	1	0	0	0	0	221	37-46	132
20:00	0	0	0	11	10	33	55	37	12	0	2	0	0	0	160	39-48	90
21:00	1	0	1	8	11	24	31	24	7	0	1	0	0	0	108	38-47	55
22:00	0	0	0	2	6	22	32	24	6	0	0	0	0	0	92	39-48	55
23:00	0	0	0	2	13	12	22	19	8	0	0	0	0	0	76	40-49	39
<b>Total</b>	14	2	25	88	368	1198	1920	1362	411	77	11	1	1	1	5479		
<b>Percent</b>	0.3%	0.0%	0.5%	1.6%	6.7%	21.9%	35.0%	24.9%	7.5%	1.4%	0.2%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	07:00		10:00	08:00	09:00	07:00	07:00	07:00	08:00	05:00	02:00		04:00	02:00	07:00		
<b>Vol.</b>	3		2	7	27	89	195	127	34	12	2		1	1	473		
<b>PM Peak</b>	13:00	12:00	19:00	15:00	15:00	13:00	17:00	17:00	17:00	16:00	20:00	18:00			17:00		
<b>Vol.</b>	3	2	8	13	43	106	179	121	39	8	2	1			445		

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/03/17	1	0	0	0	4	5	8	14	5	0	0	0	0	0	37	43-52	20
01:00	0	0	0	0	0	4	12	7	8	0	0	0	0	0	31	41-50	18
02:00	0	0	0	0	2	3	7	6	3	0	0	0	0	0	21	41-50	12
03:00	0	0	0	0	2	6	11	11	1	2	0	0	0	0	33	41-50	20
04:00	0	0	0	1	9	7	18	13	7	3	1	0	1	0	60	41-50	29
05:00	1	0	0	0	3	25	38	59	19	6	0	0	0	0	151	42-51	91
06:00	0	0	4	8	30	85	128	91	17	1	0	0	0	0	364	39-48	217
07:00	1	0	1	4	14	72	191	148	51	4	2	1	0	0	489	40-49	315
08:00	1	1	0	0	9	36	105	96	33	7	1	0	0	0	289	41-50	184
09:00	0	0	3	2	8	39	107	93	24	2	0	0	0	0	278	40-49	184
10:00	0	0	0	1	29	35	81	77	17	10	0	0	0	0	250	41-50	145
11:00	2	0	4	6	7	58	101	66	11	3	0	0	0	0	258	39-48	163
12 PM	0	0	0	1	13	58	130	64	22	3	0	0	0	0	291	39-48	192
13:00	1	0	0	2	19	75	115	84	16	2	0	0	0	0	314	39-48	195
14:00	7	2	1	2	4	91	109	81	22	1	0	1	0	0	321	38-47	192
15:00	1	1	1	0	10	83	169	134	22	8	0	0	0	0	429	40-49	284
16:00	3	0	5	17	50	93	176	109	33	6	0	0	0	0	492	39-48	277
17:00	2	1	1	3	44	96	179	146	26	4	0	0	0	0	502	40-49	306
18:00	0	1	3	19	33	107	118	60	11	5	0	0	0	0	357	37-46	210
19:00	0	4	8	16	38	92	83	36	10	0	1	0	0	0	288	36-45	162
20:00	2	0	0	2	23	52	84	44	9	0	0	0	0	0	216	38-47	132
21:00	0	0	0	5	16	19	52	33	6	0	0	0	0	0	131	40-49	80
22:00	1	0	0	0	9	25	38	26	7	2	0	0	0	0	108	39-48	63
23:00	0	0	0	0	1	18	39	18	4	1	0	0	0	0	81	38-47	57
Total	23	10	31	89	377	1184	2099	1516	384	70	5	2	1	0	5791		
Percent	0.4%	0.2%	0.5%	1.5%	6.5%	20.4%	36.2%	26.2%	6.6%	1.2%	0.1%	0.0%	0.0%	0.0%			
AM Peak	11:00	08:00	06:00	06:00	06:00	06:00	07:00	07:00	07:00	10:00	07:00	07:00	07:00	04:00		07:00	
Vol.	2	1	4	8	30	85	191	148	51	10	2	1	1		489		
PM Peak	14:00	19:00	19:00	18:00	16:00	18:00	17:00	17:00	16:00	15:00	19:00	14:00			17:00		
Vol.	7	4	8	19	50	107	179	146	33	8	1	1			502		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743004 speed1  
Count 16  
(743) Allentown Blvd and I-81 NB Ramps

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	1	3	9	16	11	1	0	0	0	0	0	0	41	39-48	26
01:00	0	0	0	1	4	7	9	10	2	1	1	0	0	0	0	35	40-49	18
02:00	0	0	0	0	4	14	9	9	7	0	0	0	0	0	0	43	35-44	22
03:00	0	0	0	0	3	4	19	5	4	1	1	0	0	0	0	37	39-48	24
04:00	0	0	0	1	5	20	16	21	11	2	0	1	0	0	0	77	39-48	37
05:00	1	1	1	1	8	23	57	49	20	10	0	1	0	0	0	172	40-49	98
06:00	0	0	3	7	23	86	125	89	26	5	0	1	0	0	0	365	39-48	213
07:00	1	0	4	7	34	116	195	134	50	7	1	0	0	0	0	549	39-48	321
08:00	48	33	41	53	86	199	134	70	17	0	0	0	0	0	0	681	35-44	293
09:00	66	50	20	60	127	174	111	57	13	1	0	0	0	0	0	679	33-42	264
10:00	131	87	76	83	130	128	52	15	2	0	0	0	0	0	0	704	30-39	202
11:00	233	96	73	69	94	90	57	9	1	0	0	0	0	0	0	722	5-14	282
12 PM	405	173	97	38	38	20	10	2	0	0	0	0	0	0	0	783	5-14	428
13:00	65	66	68	93	142	188	73	23	3	0	0	0	0	0	0	721	31-40	278
14:00	124	111	57	33	51	86	92	61	12	2	0	0	0	0	0	629	8-17	190
15:00	3	1	0	13	54	126	162	101	20	5	0	0	0	0	0	485	38-47	276
16:00	0	1	7	15	61	130	203	129	30	6	1	0	0	0	0	583	39-48	332
17:00	6	4	5	20	58	137	175	109	34	4	0	1	0	0	0	553	38-47	297
18:00	2	1	5	17	76	169	148	72	11	3	0	0	0	0	0	504	36-45	295
19:00	2	2	3	31	62	103	79	35	3	3	0	0	0	0	0	323	34-43	174
20:00	1	4	5	19	41	80	75	31	6	2	0	0	1	0	0	265	35-44	144
21:00	0	0	0	10	26	50	52	29	1	1	0	0	0	0	0	169	36-45	96
22:00	1	0	3	4	14	29	39	17	3	1	1	0	0	0	0	112	37-46	64
23:00	0	0	0	1	6	23	10	22	6	3	0	0	0	0	0	71	37-46	33
<b>Total</b>	1089	630	468	577	1150	2011	1918	1110	283	57	5	4	1	0	0	9303		
<b>Percent</b>	11.7%	6.8%	5.0%	6.2%	12.4%	21.6%	20.6%	11.9%	3.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	10:00	10:00	10:00	08:00	07:00	07:00	07:00	05:00	01:00	04:00				11:00		
Vol.	233	96	76	83	130	199	195	134	50	10	1	1				722		
PM Peak	12:00	12:00	12:00	13:00	13:00	13:00	16:00	16:00	17:00	16:00	16:00	17:00	20:00			12:00		
Vol.	405	173	97	93	142	188	203	129	34	6	1	1	1			783		
<b>Total</b>	1175	694	729	1267	3854	10762	15861	10020	2661	451	57	16	5	6		47558		
<b>Percent</b>	2.5%	1.5%	1.5%	2.7%	8.1%	22.6%	33.4%	21.1%	5.6%	0.9%	0.1%	0.0%	0.0%	0.0%				

15th Percentile : 32 MPH  
 50th Percentile : 41 MPH  
 85th Percentile : 47 MPH  
 95th Percentile : 51 MPH

Stats  
 10 MPH Pace Speed : 38-47 MPH  
 Number in Pace : 25634  
 Percent in Pace : 53.9%  
 Number of Vehicles > 55 MPH : 535  
 Percent of Vehicles > 55 MPH : 1.1%  
 Mean Speed(Average) : 40 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	1	85	17	0	5	0	0	1	2	0	0	0	0	111
01:00	0	61	9	0	4	0	0	0	2	0	0	0	0	76
02:00	0	62	11	0	1	1	0	0	0	0	0	0	0	75
03:00	0	35	3	1	1	0	0	0	3	0	0	0	0	43
04:00	<b>3</b>	33	7	0	1	2	0	0	2	0	0	0	0	48
05:00	0	70	16	2	22	0	0	0	1	0	0	0	0	111
06:00	2	116	<b>38</b>	2	<b>25</b>	3	0	3	3	0	0	0	0	192
07:00	2	130	30	2	15	1	0	2	<b>5</b>	0	0	0	0	187
08:00	2	106	30	<b>6</b>	13	<b>9</b>	0	<b>4</b>	1	0	0	0	0	171
09:00	2	87	25	2	9	3	0	0	2	0	0	0	0	130
10:00	2	110	20	6	16	1	0	3	4	0	0	0	0	162
11:00	1	<b>166</b>	30	1	12	3	0	3	1	0	0	0	0	<b>217</b>
12 PM	0	186	46	0	16	2	0	2	3	0	0	0	0	255
13:00	2	177	47	1	16	<b>3</b>	0	<b>5</b>	4	0	0	0	0	255
14:00	<b>4</b>	195	59	3	19	1	0	4	3	0	0	0	0	288
15:00	3	202	<b>68</b>	<b>6</b>	18	2	0	2	3	0	0	0	0	304
16:00	4	224	62	5	<b>23</b>	2	0	4	3	0	0	0	0	327
17:00	4	260	60	2	16	0	0	2	1	0	0	0	0	<b>345</b>
18:00	2	210	40	0	14	0	<b>1</b>	1	3	0	<b>1</b>	0	0	272
19:00	3	195	38	1	15	0	0	4	2	0	0	0	0	258
20:00	1	230	56	0	15	0	0	1	1	0	0	0	0	304
21:00	2	<b>269</b>	51	0	14	2	0	1	<b>5</b>	0	0	0	0	344
22:00	2	163	26	0	10	2	0	4	0	0	0	0	0	207
23:00	0	155	29	0	6	0	0	0	0	0	0	0	0	190
Day Total	42	3527	818	40	306	37	1	46	54	0	1	0	0	4872
Percent	0.9%	72.4%	16.8%	0.8%	6.3%	0.8%	0.0%	0.9%	1.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	04:00	11:00	06:00	08:00	06:00	08:00		08:00	07:00					11:00
Vol.	3	166	38	6	25	9		4	5					217
PM Peak	14:00	21:00	15:00	15:00	16:00	13:00	18:00	13:00	21:00		18:00			17:00
Vol.	4	269	68	6	23	3	1	5	5		1			345

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	1	96	23	1	3	0	0	0	3	0	0	0	0	127
01:00	0	83	18	0	3	0	0	0	2	0	0	0	0	106
02:00	<b>3</b>	80	16	0	3	<b>3</b>	0	0	1	0	0	0	0	106
03:00	0	69	17	0	1	2	0	0	2	0	0	0	0	91
04:00	0	55	9	0	3	0	0	0	<b>4</b>	0	0	0	0	71
05:00	2	66	22	2	21	2	0	1	4	0	0	0	0	120
06:00	3	129	44	2	<b>23</b>	3	0	1	3	0	0	0	0	208
07:00	0	150	28	0	18	0	0	2	3	0	0	0	0	201
08:00	0	148	45	<b>4</b>	14	1	0	3	4	0	0	0	0	219
09:00	1	152	46	2	14	3	0	3	2	0	0	0	0	223
10:00	2	146	36	2	19	3	0	0	2	0	0	0	0	210
11:00	0	<b>189</b>	<b>48</b>	2	23	0	0	<b>4</b>	0	0	0	0	0	<b>266</b>
12 PM	1	230	56	1	11	2	0	2	2	0	0	0	0	305
13:00	1	232	52	<b>4</b>	<b>29</b>	1	0	3	1	0	0	0	0	323
14:00	2	251	55	4	12	2	0	3	<b>5</b>	0	0	0	0	334
15:00	4	278	58	3	25	2	0	0	4	0	0	0	0	374
16:00	<b>7</b>	267	63	3	23	1	0	<b>5</b>	4	0	0	0	0	373
17:00	2	286	67	1	21	0	0	3	1	0	0	0	0	381
18:00	2	314	75	2	16	0	0	1	5	0	0	<b>1</b>	0	416
19:00	4	311	63	2	13	2	0	0	1	0	0	0	0	396
20:00	1	352	72	0	13	<b>3</b>	0	3	3	0	0	0	0	447
21:00	2	437	82	0	16	0	0	5	2	0	0	0	0	544
22:00	2	<b>512</b>	<b>113</b>	0	19	0	0	4	0	0	0	0	0	<b>650</b>
23:00	1	413	79	1	13	0	0	0	2	0	0	0	0	509
Day Total	41	5246	1187	36	356	30	0	43	60	0	0	1	0	7000
Percent	0.6%	74.9%	17.0%	0.5%	5.1%	0.4%	0.0%	0.6%	0.9%	0.0%	0.0%	0.0%	0.0%	
AM Peak	02:00	11:00	11:00	08:00	06:00	02:00		11:00	04:00					11:00
Vol.	3	189	48	4	23	3		4	4					266
PM Peak	16:00	22:00	22:00	13:00	13:00	20:00		16:00	14:00			18:00		22:00
Vol.	7	512	113	4	29	3		5	5			1		650

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	1	<b>269</b>	<b>53</b>	0	15	1	0	0	1	0	0	0	0	<b>340</b>
01:00	0	232	35	0	7	0	0	0	2	0	0	0	0	276
02:00	0	174	26	0	6	<b>3</b>	0	0	0	0	0	0	0	209
03:00	1	138	20	0	8	1	0	0	3	0	0	0	0	171
04:00	1	109	17	0	0	1	0	0	2	0	0	0	0	130
05:00	1	81	26	0	<b>17</b>	1	0	1	2	0	0	0	0	129
06:00	0	89	19	0	14	0	0	1	1	0	0	0	0	124
07:00	0	98	29	0	10	0	0	<b>2</b>	1	0	0	0	0	140
08:00	1	120	28	1	8	0	0	1	4	0	0	0	0	163
09:00	1	133	38	1	15	1	0	1	<b>6</b>	0	0	0	0	196
10:00	<b>3</b>	175	37	<b>2</b>	11	1	0	0	1	0	0	0	0	230
11:00	3	215	41	1	17	0	0	1	2	0	0	0	0	280
12 PM	<b>4</b>	200	51	0	10	0	0	3	1	0	0	0	0	269
13:00	1	228	45	1	11	1	0	1	1	0	0	0	0	289
14:00	2	250	58	0	15	1	0	2	2	0	0	0	0	330
15:00	3	260	56	0	13	<b>2</b>	0	1	0	0	0	0	0	335
16:00	3	300	61	0	13	0	0	1	0	0	0	0	0	378
17:00	0	277	54	2	16	0	0	2	1	0	0	0	0	352
18:00	1	320	51	<b>3</b>	17	0	0	0	1	0	0	0	0	393
19:00	4	300	63	0	16	1	<b>1</b>	1	0	0	0	0	0	386
20:00	1	382	99	0	16	1	0	0	3	0	0	0	0	502
21:00	0	465	89	3	<b>25</b>	0	0	2	<b>5</b>	0	0	0	0	589
22:00	0	528	<b>130</b>	0	21	0	0	<b>6</b>	1	0	0	0	0	686
23:00	0	<b>578</b>	123	0	20	1	0	2	2	0	0	0	0	<b>726</b>
Day Total	31	5921	1249	14	321	16	1	28	42	0	0	0	0	7623
Percent	0.4%	77.7%	16.4%	0.2%	4.2%	0.2%	0.0%	0.4%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	00:00	00:00	10:00	05:00	02:00		07:00	09:00					00:00
Vol.	3	269	53	2	17	3		2	6					340
PM Peak	12:00	23:00	22:00	18:00	21:00	15:00	19:00	22:00	21:00					23:00
Vol.	4	578	130	3	25	2	1	6	5					726



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	<b>390</b>	<b>83</b>	0	16	0	0	0	0	0	0	0	0	<b>489</b>
01:00	0	230	40	0	10	0	0	1	1	0	0	0	0	282
02:00	0	190	36	0	6	0	0	0	0	0	0	0	0	232
03:00	0	126	21	0	7	0	0	0	1	0	0	0	0	155
04:00	0	77	18	0	4	0	0	0	2	0	0	0	0	101
05:00	0	70	13	0	3	1	0	1	0	0	0	0	0	88
06:00	0	92	16	0	7	<b>2</b>	0	1	1	0	0	0	0	119
07:00	0	98	27	0	13	1	0	<b>3</b>	1	0	0	0	0	143
08:00	<b>2</b>	114	21	<b>1</b>	11	0	0	2	2	0	0	0	0	153
09:00	1	114	17	1	11	1	0	3	3	0	0	0	0	151
10:00	2	154	34	1	11	0	0	2	<b>4</b>	0	0	0	0	208
11:00	1	160	39	0	<b>17</b>	0	0	2	4	0	0	0	0	223
12 PM	4	198	58	0	10	<b>1</b>	0	1	0	0	0	0	0	272
13:00	0	246	54	1	10	0	0	1	3	0	0	0	0	315
14:00	<b>7</b>	287	58	1	19	0	0	<b>2</b>	0	0	0	0	0	374
15:00	4	264	44	0	11	0	0	1	3	0	0	0	0	327
16:00	6	249	59	<b>2</b>	14	0	0	1	3	0	0	0	0	334
17:00	2	<b>303</b>	<b>71</b>	1	<b>22</b>	0	0	1	2	0	0	0	0	<b>402</b>
18:00	3	267	61	2	11	1	0	1	<b>4</b>	0	0	0	0	350
19:00	2	250	56	1	12	0	0	1	1	0	0	0	0	323
20:00	1	218	42	0	6	0	0	0	1	0	0	0	0	268
21:00	0	182	40	1	8	0	0	1	0	0	0	0	0	232
22:00	0	168	20	1	7	1	0	0	0	0	0	0	0	197
23:00	1	135	25	0	8	0	0	0	0	0	0	0	0	169
Day Total	36	4582	953	13	254	8	0	25	36	0	0	0	0	5907
Percent	0.6%	77.6%	16.1%	0.2%	4.3%	0.1%	0.0%	0.4%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	00:00	00:00	08:00	11:00	06:00		07:00	10:00					00:00
Vol.	2	390	83	1	17	2		3	4					489
PM Peak	14:00	17:00	17:00	16:00	17:00	12:00		14:00	18:00					17:00
Vol.	7	303	71	2	22	1		2	4					402

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	1	118	12	0	2	1	0	0	2	0	0	0	0	136
01:00	1	90	12	0	3	0	0	0	3	0	0	0	0	109
02:00	1	68	11	0	2	1	0	0	0	0	0	0	0	83
03:00	1	42	8	1	1	1	0	0	2	0	0	0	0	56
04:00	<b>3</b>	45	10	2	8	1	0	0	<b>5</b>	0	0	0	0	74
05:00	1	83	28	2	15	3	<b>1</b>	0	3	0	0	0	0	136
06:00	1	117	<b>42</b>	<b>4</b>	<b>26</b>	2	0	<b>2</b>	2	0	0	0	0	<b>196</b>
07:00	2	117	30	3	18	3	0	1	3	0	0	0	0	177
08:00	1	104	27	2	10	2	0	2	2	0	0	0	0	150
09:00	0	88	18	2	5	<b>5</b>	0	1	3	0	0	0	0	122
10:00	3	99	23	3	16	1	0	1	3	0	0	0	0	149
11:00	1	<b>143</b>	28	0	17	0	0	2	2	0	0	0	0	193
12 PM	1	149	39	2	15	<b>3</b>	0	2	2	0	0	0	0	213
13:00	1	155	49	1	15	3	0	0	3	0	0	0	0	227
14:00	<b>3</b>	167	<b>53</b>	1	18	0	0	2	2	0	0	0	0	246
15:00	1	176	43	<b>4</b>	15	1	0	<b>4</b>	2	0	0	0	0	246
16:00	0	202	45	4	<b>20</b>	1	0	4	3	0	0	0	0	<b>279</b>
17:00	2	182	36	0	14	2	0	2	<b>5</b>	0	0	0	0	243
18:00	2	158	39	0	10	0	0	0	1	0	0	0	0	210
19:00	2	126	37	0	7	3	0	0	0	0	0	0	0	175
20:00	0	<b>213</b>	46	0	13	0	0	0	0	0	0	0	0	272
21:00	0	170	43	1	3	0	0	0	2	0	0	0	0	219
22:00	1	124	28	0	7	0	0	1	2	0	0	0	0	163
23:00	0	107	20	0	3	0	0	0	1	0	0	0	0	131
Day Total	29	3043	727	32	263	33	1	24	53	0	0	0	0	4205
Percent	0.7%	72.4%	17.3%	0.8%	6.3%	0.8%	0.0%	0.6%	1.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	04:00	11:00	06:00	06:00	06:00	09:00	05:00	06:00	04:00					06:00
Vol.	3	143	42	4	26	5	1	2	5					196
PM Peak	14:00	20:00	14:00	15:00	16:00	12:00		15:00	17:00					16:00
Vol.	3	213	53	4	20	3		4	5					279

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	1	95	13	1	3	1	0	0	1	0	0	0	0	115
01:00	0	68	13	0	6	0	0	0	1	0	0	0	0	88
02:00	0	51	9	1	1	0	0	0	2	0	0	0	0	64
03:00	0	33	13	0	1	0	0	0	1	0	0	0	0	48
04:00	1	29	5	0	1	0	0	0	1	0	0	0	0	37
05:00	0	65	23	2	21	1	0	2	<b>5</b>	0	0	0	0	119
06:00	<b>3</b>	115	38	2	<b>27</b>	3	0	3	2	0	0	0	0	193
07:00	1	<b>129</b>	37	<b>4</b>	19	2	0	<b>4</b>	4	0	0	0	0	<b>200</b>
08:00	0	91	24	4	8	3	0	2	0	0	0	0	0	132
09:00	1	82	25	3	11	2	0	3	3	0	0	0	0	130
10:00	1	106	31	1	20	<b>10</b>	0	3	3	0	0	0	0	175
11:00	3	115	<b>51</b>	2	22	2	0	0	5	0	0	0	0	200
12 PM	1	177	47	<b>5</b>	9	3	<b>1</b>	<b>4</b>	<b>5</b>	0	0	0	0	252
13:00	1	161	51	4	<b>19</b>	<b>7</b>	0	3	2	<b>1</b>	0	0	0	249
14:00	2	184	54	1	16	0	0	0	3	0	0	0	0	260
15:00	4	195	<b>55</b>	5	11	1	0	3	2	0	0	0	0	276
16:00	1	210	53	3	16	1	0	0	1	0	0	0	0	<b>285</b>
17:00	3	<b>213</b>	46	1	16	1	0	1	3	0	0	0	0	284
18:00	<b>7</b>	186	48	0	17	3	0	0	2	0	0	0	0	263
19:00	0	134	42	0	10	0	0	0	1	0	0	0	0	187
20:00	0	131	30	1	9	0	0	0	2	0	0	0	0	173
21:00	2	113	22	1	5	0	0	2	1	0	0	0	0	146
22:00	0	142	19	1	11	0	0	1	4	0	0	0	0	178
23:00	3	112	21	0	6	1	0	0	1	0	0	0	0	144
Day Total	35	2937	770	42	285	41	1	31	55	1	0	0	0	4198
Percent	0.8%	70.0%	18.3%	1.0%	6.8%	1.0%	0.0%	0.7%	1.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	11:00	07:00	06:00	10:00		07:00	05:00					07:00
Vol.	3	129	51	4	27	10		4	5					200
PM Peak	18:00	17:00	15:00	12:00	13:00	13:00	12:00	12:00	12:00	13:00				16:00
Vol.	7	213	55	5	19	7	1	4	5	1				285

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 classification  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	1	79	14	1	3	1	0	0	0	0	0	0	0	99
01:00	0	71	11	0	5	0	0	1	4	0	0	0	0	92
02:00	0	64	9	0	1	0	0	0	2	0	0	0	0	76
03:00	1	49	10	1	2	1	0	0	0	0	0	0	0	64
04:00	0	47	10	0	5	0	0	0	1	0	0	0	0	63
05:00	1	73	24	2	18	3	0	0	4	0	0	0	0	125
06:00	2	125	45	2	<b>25</b>	1	0	3	5	0	0	0	0	208
07:00	1	120	24	3	16	7	0	2	5	0	0	<b>1</b>	0	179
08:00	1	133	22	5	15	3	<b>1</b>	4	6	0	0	0	0	190
09:00	<b>5</b>	154	34	<b>7</b>	19	<b>12</b>	1	3	13	0	0	1	0	249
10:00	5	167	32	4	23	5	0	<b>8</b>	14	0	<b>1</b>	0	0	259
11:00	3	<b>172</b>	<b>53</b>	5	20	5	0	5	<b>17</b>	<b>1</b>	1	1	0	<b>283</b>
12 PM	1	227	68	3	27	<b>9</b>	0	2	14	0	<b>1</b>	0	0	352
13:00	4	239	69	<b>11</b>	29	4	0	<b>13</b>	<b>15</b>	0	0	0	0	384
14:00	3	241	59	6	<b>30</b>	4	0	2	7	0	0	0	0	352
15:00	3	244	52	5	22	4	0	2	4	0	0	0	0	336
16:00	4	267	53	3	17	2	0	2	1	0	0	0	0	349
17:00	<b>6</b>	<b>283</b>	<b>76</b>	3	18	2	0	5	2	0	0	0	0	<b>395</b>
18:00	1	235	53	3	22	0	0	0	3	0	0	0	0	317
19:00	0	165	49	0	10	0	0	0	0	0	0	0	0	224
20:00	1	149	66	0	14	1	0	1	0	0	0	0	0	232
21:00	2	177	31	0	11	1	0	0	0	0	0	0	0	222
22:00	0	126	24	0	13	0	0	0	1	0	0	0	0	164
23:00	2	107	27	0	4	0	0	0	2	0	0	0	0	142
Day Total	47	3714	915	64	369	65	2	53	120	1	3	3	0	5356
Percent	0.9%	69.3%	17.1%	1.2%	6.9%	1.2%	0.0%	1.0%	2.2%	0.0%	0.1%	0.1%	0.0%	
AM Peak	09:00	11:00	11:00	09:00	06:00	09:00	08:00	10:00	11:00	11:00	10:00	07:00		11:00
Vol.	5	172	53	7	25	12	1	8	17	1	1	1		283
PM Peak	17:00	17:00	17:00	13:00	14:00	12:00		13:00	13:00		12:00			17:00
Vol.	6	283	76	11	30	9		13	15		1			395
Grand Total	261	28970	6619	241	2154	230	6	250	420	2	4	4	0	39161
Percent	0.7%	74.0%	16.9%	0.6%	5.5%	0.6%	0.0%	0.6%	1.1%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 classification1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	33	10	0	0	0	0	0	1	0	0	0	0	44
01:00	0	38	2	1	0	0	0	1	0	0	0	0	0	42
02:00	0	20	2	0	0	0	0	0	1	0	0	0	0	23
03:00	1	17	4	0	0	0	0	0	0	0	0	0	0	22
04:00	0	24	8	0	0	0	0	1	1	0	0	0	0	34
05:00	2	51	21	0	2	1	0	1	0	0	0	0	0	78
06:00	0	85	40	3	10	0	0	2	1	0	0	0	0	141
07:00	<b>3</b>	145	22	4	10	1	0	1	3	0	0	0	0	189
08:00	3	164	34	5	7	<b>3</b>	<b>2</b>	1	4	0	0	0	0	223
09:00	2	169	39	3	10	1	0	1	2	0	0	0	0	227
10:00	3	166	34	3	<b>14</b>	2	0	1	<b>5</b>	0	0	0	0	228
11:00	2	<b>201</b>	<b>44</b>	<b>6</b>	4	1	0	<b>7</b>	5	0	0	0	0	<b>270</b>
12 PM	2	222	64	0	13	4	<b>1</b>	4	4	<b>1</b>	0	0	0	315
13:00	<b>5</b>	206	61	3	9	3	0	<b>10</b>	3	0	0	0	0	300
14:00	3	226	61	0	14	3	1	5	3	0	0	0	0	316
15:00	4	252	54	<b>4</b>	17	2	0	4	2	0	0	0	0	339
16:00	2	274	64	2	<b>20</b>	<b>5</b>	0	3	2	0	0	0	0	372
17:00	0	<b>308</b>	<b>66</b>	1	13	3	0	4	2	0	0	0	0	<b>397</b>
18:00	2	276	66	0	17	2	0	2	3	0	0	0	0	368
19:00	3	256	57	1	11	2	0	2	1	0	0	0	0	333
20:00	3	164	33	0	6	0	0	0	4	0	0	0	0	210
21:00	2	94	27	0	9	2	0	4	<b>7</b>	0	0	0	0	145
22:00	0	94	30	1	2	1	0	0	2	0	0	0	0	130
23:00	1	77	22	0	4	3	0	1	2	0	0	0	0	110
Day Total	43	3562	865	37	192	39	4	55	58	1	0	0	0	4856
Percent	0.9%	73.4%	17.8%	0.8%	4.0%	0.8%	0.1%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	11:00	11:00	11:00	10:00	08:00	08:00	11:00	10:00					11:00
Vol.	3	201	44	6	14	3	2	7	5					270
PM Peak	13:00	17:00	17:00	15:00	16:00	16:00	12:00	13:00	21:00	12:00				17:00
Vol.	5	308	66	4	20	5	1	10	7	1				397

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 classification1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	51	9	1	2	0	0	0	2	0	0	0	0	65
01:00	0	54	10	0	1	0	0	1	0	0	0	0	0	66
02:00	0	22	8	1	0	0	0	1	1	0	0	0	0	33
03:00	0	20	9	0	0	0	0	0	2	0	0	0	0	31
04:00	0	35	12	0	1	0	0	2	0	0	0	0	0	50
05:00	0	108	26	0	2	1	0	0	1	0	0	0	0	138
06:00	1	152	51	3	18	0	0	1	0	0	0	0	0	226
07:00	1	160	32	1	15	0	0	2	1	0	0	0	0	212
08:00	2	205	54	4	12	0	1	1	0	0	0	0	0	279
09:00	2	224	63	2	14	1	0	1	9	0	0	0	0	316
10:00	3	250	64	0	22	1	0	1	2	0	0	0	0	343
11:00	0	305	57	2	12	1	0	5	1	0	0	0	0	383
12 PM	1	259	71	0	13	3	0	5	3	0	0	0	0	355
13:00	3	267	58	8	13	1	0	4	5	0	0	0	0	359
14:00	1	345	82	0	15	1	0	4	2	0	0	0	0	450
15:00	3	543	112	6	25	4	0	5	6	0	0	0	0	704
16:00	9	580	128	5	29	2	0	8	7	0	0	0	0	768
17:00	3	651	143	0	31	2	0	3	7	0	0	1	0	841
18:00	5	557	135	1	26	5	0	4	3	0	0	0	0	736
19:00	1	463	123	1	21	3	0	1	3	0	0	0	0	616
20:00	2	350	68	0	13	2	0	2	0	0	0	0	0	437
21:00	1	231	53	2	7	0	0	1	1	0	0	0	0	296
22:00	2	195	33	0	9	0	0	0	1	0	0	0	0	240
23:00	0	142	27	0	6	0	0	1	3	0	0	0	0	179
Day Total	40	6169	1428	37	307	27	1	53	60	0	0	1	0	8123
Percent	0.5%	75.9%	17.6%	0.5%	3.8%	0.3%	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	10:00	08:00	10:00	05:00	08:00	11:00	09:00					11:00
Vol.	3	305	64	4	22	1	1	5	9					383
PM Peak	16:00	17:00	17:00	13:00	17:00	18:00		16:00	16:00			17:00		17:00
Vol.	9	651	143	8	31	5		8	7			1		841

# Herbert, Rowland & Grubic, Inc.

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Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	1	96	16	0	3	0	0	0	0	0	0	0	0	116
01:00	0	75	20	0	2	0	0	0	2	0	0	0	0	99
02:00	0	44	12	0	1	0	0	0	0	0	0	0	0	57
03:00	0	39	7	0	1	0	0	1	0	0	0	0	0	48
04:00	0	50	12	0	2	<b>1</b>	0	<b>2</b>	0	0	0	0	0	67
05:00	0	100	25	<b>1</b>	8	0	0	0	1	0	0	0	0	135
06:00	0	85	24	0	4	0	0	1	0	0	0	0	0	114
07:00	2	137	26	0	9	0	0	0	1	0	0	0	0	175
08:00	2	148	30	1	7	0	0	1	2	0	0	0	0	191
09:00	4	222	41	1	7	1	0	1	1	0	0	0	0	278
10:00	2	255	61	1	7	0	0	1	<b>3</b>	0	0	0	0	330
11:00	<b>5</b>	<b>338</b>	<b>80</b>	1	<b>13</b>	1	0	1	2	0	0	0	0	<b>441</b>
12 PM	1	350	69	2	8	1	0	1	3	0	0	0	0	435
13:00	3	305	70	2	10	1	0	4	0	0	0	0	0	395
14:00	2	360	55	<b>3</b>	14	1	0	3	4	0	0	0	0	442
15:00	0	366	72	0	14	0	0	<b>5</b>	3	0	0	0	0	460
16:00	<b>6</b>	405	83	1	13	2	0	4	4	0	0	0	0	518
17:00	0	523	93	1	25	0	0	2	2	0	0	0	0	646
18:00	2	505	115	1	<b>30</b>	<b>3</b>	0	5	3	0	0	0	0	664
19:00	2	<b>574</b>	<b>130</b>	1	22	2	0	3	1	0	0	0	0	<b>735</b>
20:00	0	449	119	1	15	0	0	1	0	0	0	0	0	585
21:00	0	315	70	0	7	1	0	0	3	0	0	0	0	396
22:00	0	242	46	2	7	0	0	3	<b>6</b>	0	0	0	0	306
23:00	0	153	44	0	3	0	0	0	1	0	0	0	0	201
Day Total	32	6136	1320	19	232	14	0	39	42	0	0	0	0	7834
Percent	0.4%	78.3%	16.8%	0.2%	3.0%	0.2%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	05:00	11:00	04:00		04:00	10:00					11:00
Vol.	5	338	80	1	13	1		2	3					441
PM Peak	16:00	19:00	19:00	14:00	18:00	18:00		15:00	22:00					19:00
Vol.	6	574	130	3	30	3		5	6					735

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369 East Park Drive  
Harrisburg, PA 17111

743006 classification1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	86	13	0	1	0	0	0	1	0	0	0	0	101
01:00	0	68	13	0	2	0	0	<b>2</b>	1	0	0	0	0	86
02:00	0	56	11	0	2	0	0	0	0	0	0	0	0	69
03:00	1	39	5	0	2	0	0	0	1	0	0	0	0	48
04:00	0	39	9	0	1	1	0	0	0	0	0	0	0	50
05:00	0	119	14	0	4	0	0	0	0	0	0	0	0	137
06:00	0	66	11	0	3	1	0	0	0	0	0	0	0	81
07:00	0	130	46	0	8	0	0	0	1	0	0	0	0	185
08:00	0	119	20	0	4	0	0	1	0	0	0	0	0	144
09:00	1	184	34	2	<b>9</b>	1	0	0	1	0	0	0	0	232
10:00	1	241	38	0	6	0	0	2	1	0	0	0	0	289
11:00	<b>3</b>	<b>277</b>	<b>56</b>	<b>4</b>	5	<b>2</b>	0	2	<b>2</b>	0	0	0	0	<b>351</b>
12 PM	4	294	71	0	8	1	0	2	1	0	0	0	0	381
13:00	7	279	73	<b>4</b>	<b>13</b>	<b>3</b>	0	2	2	0	0	0	0	383
14:00	<b>10</b>	<b>305</b>	<b>75</b>	0	11	2	0	1	1	0	0	0	0	<b>405</b>
15:00	4	287	55	0	10	0	0	<b>3</b>	3	0	0	0	0	362
16:00	2	250	60	1	7	0	0	3	<b>4</b>	0	0	0	0	327
17:00	1	248	52	0	13	1	0	2	2	0	0	0	0	319
18:00	6	259	40	1	11	2	0	3	0	0	0	0	0	322
19:00	0	222	37	2	5	0	0	1	2	0	0	0	0	269
20:00	0	170	29	1	6	0	0	1	1	0	0	0	0	208
21:00	1	104	22	0	3	0	0	2	2	0	0	0	0	134
22:00	0	101	17	0	2	0	0	0	2	0	0	0	0	122
23:00	0	76	16	1	2	0	0	0	2	0	0	0	0	97
Day Total	41	4019	817	16	138	14	0	27	30	0	0	0	0	5102
Percent	0.8%	78.8%	16.0%	0.3%	2.7%	0.3%	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	11:00	09:00	11:00		01:00	11:00					11:00
Vol.	3	277	56	4	9	2		2	2					351
PM Peak	14:00	14:00	14:00	13:00	13:00	13:00		15:00	16:00					14:00
Vol.	10	305	75	4	13	3		3	4					405



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Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	1	30	10	0	0	1	0	1	2	0	0	0	0	45
01:00	1	44	6	0	2	0	0	0	1	0	0	0	0	54
02:00	0	19	1	0	0	0	0	0	0	0	0	0	0	20
03:00	0	18	1	0	2	0	0	0	2	0	0	0	0	23
04:00	0	20	7	1	1	<b>2</b>	0	2	0	0	0	0	0	33
05:00	1	46	21	0	5	1	0	0	1	0	0	0	0	75
06:00	0	85	34	<b>4</b>	11	1	0	2	2	0	0	0	0	139
07:00	1	118	26	4	3	1	0	0	1	0	0	0	0	154
08:00	1	108	39	3	9	0	0	2	1	0	0	0	0	163
09:00	<b>2</b>	154	40	2	4	2	0	0	<b>4</b>	0	0	0	0	208
10:00	2	170	45	0	<b>14</b>	1	0	2	2	0	0	0	0	236
11:00	0	<b>187</b>	<b>48</b>	1	13	2	0	<b>3</b>	3	0	0	0	0	<b>257</b>
12 PM	1	159	30	2	6	1	0	2	2	0	0	0	0	203
13:00	3	167	50	1	13	0	0	2	3	0	0	0	0	239
14:00	1	176	60	1	11	2	0	2	1	0	0	0	0	254
15:00	<b>4</b>	199	59	<b>3</b>	11	3	0	<b>6</b>	6	0	0	0	0	291
16:00	2	218	56	3	<b>15</b>	<b>4</b>	0	3	3	0	0	0	0	304
17:00	1	<b>291</b>	<b>76</b>	1	11	1	0	1	4	0	0	0	0	<b>386</b>
18:00	1	223	53	0	9	2	0	1	<b>7</b>	0	0	0	0	296
19:00	1	147	30	0	11	2	0	1	2	0	0	0	0	194
20:00	0	127	31	2	2	0	0	1	2	0	0	0	0	165
21:00	0	70	22	2	3	1	0	1	2	0	0	0	0	101
22:00	0	70	26	0	2	2	0	1	1	0	0	0	0	102
23:00	2	61	11	1	4	2	0	0	4	0	0	0	0	85
Day Total	25	2907	782	31	162	31	0	33	56	0	0	0	0	4027
Percent	0.6%	72.2%	19.4%	0.8%	4.0%	0.8%	0.0%	0.8%	1.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	11:00	06:00	10:00	04:00		11:00	09:00					11:00
Vol.	2	187	48	4	14	2		3	4					257
PM Peak	15:00	17:00	17:00	15:00	16:00	16:00		15:00	18:00					17:00
Vol.	4	291	76	3	15	4		6	7					386

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369 East Park Drive  
Harrisburg, PA 17111

743006 classification1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/03/17	0	37	12	0	0	0	0	0	2	0	0	0	0	51
01:00	1	40	4	1	0	2	0	0	0	0	0	0	0	48
02:00	0	18	6	0	0	0	0	1	0	0	0	0	0	25
03:00	0	17	5	0	0	0	0	1	0	0	0	0	0	23
04:00	0	26	5	0	1	0	0	1	0	0	0	0	0	33
05:00	0	38	13	0	2	1	0	0	2	0	0	0	0	56
06:00	0	92	38	2	9	0	0	4	1	0	0	0	0	146
07:00	1	119	36	4	11	1	0	2	1	2	0	0	0	177
08:00	1	96	30	4	7	0	0	4	1	0	0	0	0	143
09:00	0	154	51	2	5	0	0	5	3	0	0	0	0	220
10:00	1	144	47	1	11	2	3	2	2	0	0	0	0	213
11:00	1	151	54	3	15	1	0	3	1	0	0	0	0	229
12 PM	2	212	50	3	10	2	7	0	6	0	0	0	0	292
13:00	0	192	41	1	8	4	0	4	1	0	0	0	0	251
14:00	3	189	45	1	13	1	0	4	3	0	0	0	0	259
15:00	3	188	54	6	15	7	0	3	5	0	0	0	0	281
16:00	3	206	47	2	12	0	0	6	4	0	0	1	0	281
17:00	6	235	75	3	13	3	0	1	5	0	0	0	0	341
18:00	4	230	53	1	13	1	0	1	3	0	0	0	0	306
19:00	0	177	49	1	13	1	0	2	3	0	0	0	0	246
20:00	0	132	34	0	3	0	0	1	1	0	0	0	0	171
21:00	1	105	27	0	9	0	0	1	3	0	0	0	0	146
22:00	2	75	25	1	5	3	0	0	2	0	0	0	0	113
23:00	0	88	12	1	2	0	0	0	1	0	0	0	0	104
Day Total	29	2961	813	37	177	29	10	46	50	2	0	1	0	4155
Percent	0.7%	71.3%	19.6%	0.9%	4.3%	0.7%	0.2%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	01:00	09:00	11:00	07:00	11:00	01:00	10:00	09:00	09:00	07:00				11:00
Vol.	1	154	54	4	15	2	3	5	3	2				229
PM Peak	17:00	17:00	17:00	15:00	15:00	15:00	12:00	16:00	12:00			16:00		17:00
Vol.	6	235	75	6	15	7	7	6	6			1		341

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369 East Park Drive  
Harrisburg, PA 17111

743006 classification1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/04/17	2	41	8	0	1	2	0	0	3	0	0	0	0	57
01:00	0	37	2	0	2	0	0	0	1	0	0	0	0	42
02:00	0	24	5	0	2	0	0	0	0	0	0	0	0	31
03:00	0	26	4	0	0	0	0	0	0	0	0	0	0	30
04:00	0	21	5	0	1	0	0	1	3	0	0	0	0	31
05:00	1	40	16	0	5	2	0	0	2	0	0	0	0	66
06:00	0	89	39	2	8	1	0	2	1	0	0	0	0	142
07:00	<b>4</b>	120	31	1	9	2	<b>1</b>	1	2	0	0	0	0	171
08:00	0	115	36	4	10	0	0	1	2	0	0	<b>1</b>	0	169
09:00	2	201	48	2	4	<b>3</b>	0	1	<b>4</b>	0	0	0	0	265
10:00	1	<b>234</b>	44	3	11	2	0	3	2	0	0	0	0	300
11:00	2	219	<b>59</b>	<b>5</b>	<b>12</b>	1	0	<b>4</b>	3	<b>1</b>	0	0	0	<b>306</b>
12 PM	0	212	43	3	10	<b>4</b>	0	4	1	0	0	0	0	277
13:00	3	212	59	1	10	2	0	4	1	0	0	0	0	292
14:00	<b>5</b>	212	56	1	16	3	<b>2</b>	<b>6</b>	4	0	0	0	0	305
15:00	2	232	72	4	17	3	0	3	2	0	0	0	0	335
16:00	5	237	53	1	16	3	0	3	5	0	0	0	0	323
17:00	2	<b>247</b>	<b>81</b>	<b>5</b>	11	2	0	6	3	0	0	0	0	<b>357</b>
18:00	4	242	62	1	<b>21</b>	1	0	5	<b>6</b>	0	0	0	0	342
19:00	0	194	58	1	10	0	2	0	5	0	0	0	0	270
20:00	1	152	38	0	4	1	0	4	3	0	0	0	0	203
21:00	1	95	24	1	9	1	0	1	1	0	0	0	0	133
22:00	2	88	14	1	2	1	0	2	2	0	0	0	0	112
23:00	0	75	11	0	1	0	0	2	1	0	0	0	0	90
Day Total	37	3365	868	36	192	34	5	53	57	1	0	1	0	4649
Percent	0.8%	72.4%	18.7%	0.8%	4.1%	0.7%	0.1%	1.1%	1.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	10:00	11:00	11:00	11:00	09:00	07:00	11:00	09:00	11:00		08:00		11:00
Vol.	4	234	59	5	12	3	1	4	4	1		1		306
PM Peak	14:00	17:00	17:00	17:00	18:00	12:00	14:00	14:00	18:00					17:00
Vol.	5	247	81	5	21	4	2	6	6					357
Grand Total	247	29119	6893	213	1400	188	20	306	353	4	0	3	0	38746
Percent	0.6%	75.2%	17.8%	0.5%	3.6%	0.5%	0.1%	0.8%	0.9%	0.0%	0.0%	0.0%	0.0%	

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/28/17	1	0	0	0	10	15	50	26	8	1	0	0	0	0	0	111	40-49	71
01:00	0	0	0	0	5	17	29	15	9	1	0	0	0	0	0	76	38-47	45
02:00	0	0	0	0	7	18	28	15	6	0	1	0	0	0	0	75	38-47	45
03:00	0	0	0	0	2	10	22	5	4	0	0	0	0	0	0	43	37-46	30
04:00	1	0	0	1	0	12	19	9	3	3	0	0	0	0	0	48	38-47	29
05:00	2	0	0	1	9	19	40	24	15	1	0	0	0	0	0	111	39-48	61
06:00	1	0	0	1	16	37	66	43	26	2	0	0	0	0	0	192	39-48	106
07:00	1	0	0	0	6	35	61	52	27	3	1	0	1	0	0	187	40-49	107
08:00	2	0	0	4	12	27	44	59	15	6	2	0	0	0	0	171	41-50	95
09:00	0	0	0	1	5	17	41	41	19	5	1	0	0	0	0	130	41-50	76
10:00	0	0	3	6	10	30	51	43	17	1	0	1	0	0	0	162	40-49	90
11:00	1	0	0	4	22	43	71	57	14	5	0	0	0	0	0	217	39-48	122
12 PM	1	0	1	5	25	49	99	54	18	3	0	0	0	0	0	255	39-48	151
13:00	4	5	0	2	13	43	91	69	26	2	0	0	0	0	0	255	40-49	148
14:00	0	0	0	0	12	48	120	85	20	3	0	0	0	0	0	288	40-49	192
15:00	2	1	1	6	19	62	98	87	23	4	0	1	0	0	0	304	40-49	175
16:00	1	2	1	11	13	43	111	96	42	6	1	0	0	0	0	327	41-50	191
17:00	0	1	2	4	17	65	133	79	34	8	1	1	0	0	0	345	39-48	206
18:00	76	13	5	18	32	80	40	6	2	0	0	0	0	0	0	272	34-43	94
19:00	0	0	4	8	28	81	74	54	9	0	0	0	0	0	0	258	37-46	147
20:00	0	0	4	17	48	106	89	34	5	1	0	0	0	0	0	304	35-44	182
21:00	0	1	2	9	46	117	121	42	5	0	1	0	0	0	0	344	36-45	220
22:00	0	1	2	0	20	54	76	46	7	1	0	0	0	0	0	207	38-47	126
23:00	0	0	1	3	11	52	60	49	13	1	0	0	0	0	0	190	38-47	111
Total	93	24	26	101	388	1080	1634	1090	367	57	8	3	1	0	0	4872		
Percent	1.9%	0.5%	0.5%	2.1%	8.0%	22.2%	33.5%	22.4%	7.5%	1.2%	0.2%	0.1%	0.0%	0.0%				
AM Peak	05:00		10:00	10:00	11:00	11:00	11:00	08:00	07:00	08:00	08:00	10:00	07:00			11:00		
Vol.	2		3	6	22	43	71	59	27	6	2	1	1			217		
PM Peak	18:00	18:00	18:00	18:00	20:00	21:00	17:00	16:00	16:00	17:00	16:00	15:00				17:00		
Vol.	76	13	5	18	48	117	133	96	42	8	1	1				345		

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/29/17	0	0	1	2	7	23	50	32	9	2	1	0	0	0	127	40-49	78
01:00	0	0	0	1	9	15	37	34	9	1	0	0	0	0	106	41-50	65
02:00	0	0	1	1	7	30	41	21	2	3	0	0	0	0	106	38-47	67
03:00	1	0	0	0	8	22	31	18	10	0	1	0	0	0	91	37-46	51
04:00	2	0	0	0	7	18	22	11	10	0	1	0	0	0	71	36-45	37
05:00	1	0	0	1	19	27	39	19	9	3	2	0	0	0	120	37-46	63
06:00	0	0	0	1	16	47	71	47	17	9	0	0	0	0	208	38-47	118
07:00	0	0	0	1	18	39	62	57	19	5	0	0	0	0	201	40-49	113
08:00	0	0	0	0	10	48	62	72	22	4	1	0	0	0	219	40-49	127
09:00	0	0	0	0	8	15	88	74	31	6	0	1	0	0	223	41-50	148
10:00	1	0	0	6	10	35	59	72	21	4	1	0	1	0	210	41-50	122
11:00	0	0	0	1	15	46	93	82	27	2	0	0	0	0	266	40-49	164
12 PM	0	0	0	5	22	57	105	89	24	3	0	0	0	0	305	40-49	183
13:00	1	0	1	6	19	64	115	90	22	5	0	0	0	0	323	40-49	195
14:00	0	0	1	2	12	53	137	92	32	3	2	0	0	0	334	40-49	215
15:00	0	0	1	4	26	66	139	105	27	4	1	1	0	0	374	40-49	230
16:00	0	0	0	2	23	78	130	111	25	3	1	0	0	0	373	40-49	229
17:00	0	2	2	4	11	87	154	90	27	4	0	0	0	0	381	39-48	242
18:00	1	0	0	6	32	104	163	100	9	1	0	0	0	0	416	38-47	265
19:00	0	2	4	22	73	112	130	49	2	1	1	0	0	0	396	36-45	227
20:00	1	2	3	16	69	153	140	55	8	0	0	0	0	0	447	36-45	272
21:00	0	0	1	29	87	194	192	38	3	0	0	0	0	0	544	35-44	355
22:00	0	0	0	23	136	244	199	47	1	0	0	0	0	0	650	35-44	420
23:00	0	0	0	8	61	223	159	50	5	2	1	0	0	0	509	35-44	352
<b>Total</b>	8	6	15	141	705	1800	2418	1455	371	65	13	2	1	0	7000		
Percent	0.1%	0.1%	0.2%	2.0%	10.1%	25.7%	34.5%	20.8%	5.3%	0.9%	0.2%	0.0%	0.0%	0.0%			
AM Peak	04:00		00:00	10:00	05:00	08:00	11:00	11:00	09:00	06:00	05:00	09:00	10:00		11:00		
Vol.	2		1	6	19	48	93	82	31	9	2	1	1		266		
PM Peak	13:00	17:00	19:00	21:00	22:00	22:00	22:00	16:00	14:00	13:00	14:00	15:00			22:00		
Vol.	1	2	4	29	136	244	199	111	32	5	2	1			650		

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	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	Total	Pace Speed	Number in Pace
09/30/17	0	0	2	6	34	115	128	50	4	0	1	0	0	0	340	36-45	224
01:00	0	0	0	5	23	77	100	52	16	3	0	0	0	0	276	37-46	168
02:00	0	0	0	1	20	49	74	51	13	0	1	0	0	0	209	39-48	124
03:00	0	1	4	0	11	43	64	33	13	2	0	0	0	0	171	38-47	103
04:00	1	0	0	1	24	34	41	20	8	1	0	0	0	0	130	36-45	71
05:00	0	0	0	1	14	37	40	26	10	1	0	0	0	0	129	37-46	73
06:00	0	0	0	2	3	31	41	39	7	0	1	0	0	0	124	39-48	77
07:00	0	0	0	2	10	26	44	43	13	2	0	0	0	0	140	40-49	82
08:00	0	0	0	1	2	24	56	51	24	4	1	0	0	0	163	41-50	100
09:00	0	0	0	5	7	31	67	62	17	5	2	0	0	0	196	40-49	120
10:00	0	0	0	5	21	38	86	57	16	6	1	0	0	0	230	40-49	136
11:00	0	0	3	5	11	47	109	69	29	7	0	0	0	0	280	40-49	170
12 PM	1	0	0	1	5	45	96	92	28	1	0	0	0	0	269	41-50	174
13:00	1	0	2	5	19	49	102	81	27	3	0	0	0	0	289	40-49	172
14:00	0	0	0	3	16	72	127	83	26	3	0	0	0	0	330	39-48	206
15:00	4	0	1	12	12	59	149	79	18	1	0	0	0	0	335	39-48	218
16:00	0	0	0	1	12	76	157	109	21	2	0	0	0	0	378	39-48	253
17:00	0	0	0	5	13	88	163	66	17	0	0	0	0	0	352	38-47	242
18:00	2	1	2	10	63	105	141	63	6	0	0	0	0	0	393	37-46	232
19:00	2	1	7	23	68	134	110	35	6	0	0	0	0	0	386	35-44	229
20:00	8	6	6	23	77	193	145	39	4	1	0	0	0	0	502	35-44	310
21:00	3	1	0	23	127	233	167	30	4	1	0	0	0	0	589	34-43	382
22:00	1	0	2	29	98	294	215	44	3	0	0	0	0	0	686	35-44	470
23:00	0	0	0	8	89	323	239	61	6	0	0	0	0	0	726	35-44	516
Total	23	10	29	177	779	2223	2661	1335	336	43	7	0	0	0	7623		
Percent	0.3%	0.1%	0.4%	2.3%	10.2%	29.2%	34.9%	17.5%	4.4%	0.6%	0.1%	0.0%	0.0%	0.0%			
AM Peak	04:00	03:00	03:00	00:00	00:00	00:00	00:00	11:00	11:00	11:00	09:00				00:00		
Vol.	1	1	4	6	34	115	128	69	29	7	2				340		
PM Peak	20:00	20:00	19:00	22:00	21:00	23:00	23:00	16:00	12:00	13:00					23:00		
Vol.	8	6	7	29	127	323	239	109	28	3					726		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	<b>5</b>	<b>47</b>	<b>169</b>	<b>179</b>	<b>79</b>	9	1	0	0	0	0	<b>489</b>	37-46	321
01:00	0	0	0	3	10	98	115	44	11	1	0	0	0	0	282	37-46	196
02:00	0	0	0	1	12	60	97	51	9	2	0	0	0	0	232	38-47	153
03:00	0	0	0	1	15	41	64	25	7	0	1	0	<b>1</b>	0	155	37-46	99
04:00	0	0	0	1	6	20	44	19	7	4	0	0	0	0	101	38-47	64
05:00	0	0	0	0	7	29	33	12	6	1	0	0	0	0	88	36-45	57
06:00	0	0	0	1	17	29	37	29	6	0	0	0	0	0	119	38-47	66
07:00	0	0	<b>1</b>	0	7	24	68	29	9	3	0	<b>1</b>	1	0	143	39-48	95
08:00	<b>1</b>	0	0	0	5	21	48	45	27	5	1	0	0	0	153	41-50	87
09:00	<b>1</b>	0	0	0	7	20	41	48	31	3	0	0	0	0	151	42-51	85
10:00	<b>1</b>	0	<b>1</b>	2	7	17	68	69	<b>34</b>	6	<b>3</b>	0	0	0	208	42-51	126
11:00	<b>1</b>	0	0	4	7	29	77	78	20	<b>7</b>	0	0	0	0	223	41-50	142
12 PM	0	0	0	3	8	54	104	73	23	<b>6</b>	1	0	0	0	272	40-49	169
13:00	0	0	0	1	5	46	120	109	<b>28</b>	4	2	0	0	0	315	41-50	210
14:00	<b>1</b>	0	0	0	1	74	<b>159</b>	111	21	6	0	<b>1</b>	0	0	374	40-49	255
15:00	0	0	1	1	11	50	120	106	28	6	<b>4</b>	0	0	0	327	40-49	209
16:00	0	0	0	1	13	68	114	111	23	3	1	0	0	0	334	40-49	211
17:00	<b>1</b>	0	<b>1</b>	<b>4</b>	19	84	152	<b>116</b>	24	0	0	0	0	<b>1</b>	<b>402</b>	39-48	255
18:00	0	0	2	3	17	<b>85</b>	152	67	20	4	0	0	0	0	350	38-47	230
19:00	0	0	<b>3</b>	4	20	85	136	65	7	2	1	0	0	0	323	38-47	213
20:00	0	0	1	2	23	82	108	46	4	1	0	1	0	0	268	37-46	178
21:00	0	0	0	3	<b>26</b>	70	88	36	9	0	0	0	0	0	232	37-46	147
22:00	<b>2</b>	0	2	3	9	50	76	48	7	0	0	0	0	0	197	38-47	124
23:00	0	0	0	0	8	28	79	42	12	0	0	0	0	0	169	39-48	115
<b>Total</b>	<b>8</b>	<b>0</b>	<b>12</b>	<b>43</b>	<b>307</b>	<b>1333</b>	<b>2279</b>	<b>1458</b>	<b>382</b>	<b>65</b>	<b>14</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>5907</b>		
<b>Percent</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>0.7%</b>	<b>5.2%</b>	<b>22.6%</b>	<b>38.6%</b>	<b>24.7%</b>	<b>6.5%</b>	<b>1.1%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	08:00		07:00	00:00	00:00	00:00	00:00	00:00	10:00	11:00	10:00	07:00	03:00		00:00		
Vol.	1		1	5	47	169	179	79	34	7	3	1	1		489		
PM Peak	22:00		19:00	17:00	21:00	18:00	14:00	17:00	13:00	12:00	15:00	14:00		17:00	17:00		
Vol.	2		3	4	26	85	159	116	28	6	4	1		1	402		

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
10/02/17	1	0	0	1	<b>18</b>	27	51	26	11	1	0	0	0	0	136	38-47	77
01:00	0	0	0	1	1	15	57	28	4	1	2	0	0	0	109	39-48	80
02:00	0	0	0	2	2	27	25	18	7	2	0	0	0	0	83	37-46	49
03:00	0	0	1	2	1	20	13	10	6	3	0	0	0	0	56	37-46	30
04:00	0	0	0	2	6	11	26	21	6	2	0	0	0	0	74	40-49	44
05:00	0	0	0	2	8	31	43	33	13	5	1	0	0	0	136	39-48	75
06:00	0	0	0	<b>9</b>	8	<b>49</b>	62	46	14	<b>7</b>	1	0	0	0	<b>196</b>	38-47	110
07:00	0	0	1	3	10	28	57	52	22	4	0	0	0	0	177	40-49	102
08:00	0	0	<b>2</b>	0	5	22	48	48	18	4	<b>3</b>	0	0	0	150	41-50	89
09:00	1	<b>1</b>	1	1	6	20	29	40	18	4	1	0	0	0	122	41-50	65
10:00	0	0	0	2	4	20	49	43	<b>25</b>	3	3	0	0	0	149	41-50	86
11:00	1	0	0	4	12	40	<b>69</b>	<b>54</b>	11	2	0	0	0	0	193	39-48	117
12 PM	0	0	0	1	12	41	86	47	23	3	0	0	0	0	213	39-48	131
13:00	0	0	0	1	4	38	89	70	20	4	<b>1</b>	0	0	0	227	40-49	149
14:00	0	<b>2</b>	4	1	5	31	84	81	<b>30</b>	<b>8</b>	0	0	0	0	246	41-50	152
15:00	<b>1</b>	0	<b>9</b>	4	7	24	100	74	24	3	0	0	0	0	246	41-50	158
16:00	0	0	0	3	13	37	100	<b>95</b>	27	4	0	0	0	0	<b>279</b>	41-50	179
17:00	1	0	2	1	3	38	93	74	28	2	1	0	0	0	243	40-49	155
18:00	0	0	0	2	9	31	89	50	25	4	0	0	0	0	210	40-49	132
19:00	0	0	0	1	11	41	76	30	15	1	0	0	0	0	175	38-47	113
20:00	0	0	0	<b>5</b>	<b>18</b>	<b>76</b>	<b>113</b>	52	8	0	0	0	0	0	272	38-47	179
21:00	0	0	0	0	9	71	96	34	8	1	0	0	0	0	219	37-46	155
22:00	0	0	0	0	9	40	61	38	11	3	1	0	0	0	163	38-47	100
23:00	0	0	0	1	7	36	48	23	13	2	1	0	0	0	131	37-46	79
Total	5	3	20	49	188	814	1564	1087	387	73	15	0	0	0	4205		
Percent	0.1%	0.1%	0.5%	1.2%	4.5%	19.4%	37.2%	25.9%	9.2%	1.7%	0.4%	0.0%	0.0%	0.0%			
AM Peak	00:00	09:00	08:00	06:00	00:00	06:00	11:00	11:00	10:00	06:00	08:00				06:00		
Vol.	1	1	2	9	18	49	69	54	25	7	3				196		
PM Peak	15:00	14:00	15:00	20:00	20:00	20:00	20:00	16:00	14:00	14:00	13:00				16:00		
Vol.	1	2	9	5	18	76	113	95	30	8	1				279		



## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	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	Total	Pace Speed	Number in Pace
10/03/17	0	0	0	0	5	32	42	27	9	0	0	0	0	0	115	38-47	72
01:00	0	0	0	2	1	19	33	26	4	2	1	0	0	0	88	40-49	56
02:00	0	0	0	1	3	17	21	17	5	0	0	0	0	0	64	38-47	38
03:00	0	0	0	0	3	12	19	8	3	2	1	0	0	0	48	38-47	29
04:00	1	0	0	0	1	5	12	9	7	1	1	0	0	0	37	42-51	19
05:00	0	0	0	2	7	33	38	20	13	4	2	0	0	0	119	37-46	67
06:00	0	0	0	1	18	38	67	45	18	6	0	0	0	0	193	39-48	109
07:00	1	0	0	1	15	41	61	61	14	5	1	0	0	0	200	40-49	115
08:00	0	0	0	0	9	12	44	45	16	6	0	0	0	0	132	41-50	82
09:00	0	0	0	0	5	20	38	48	15	2	2	0	0	0	130	41-50	80
10:00	1	0	0	2	7	37	63	50	12	2	1	0	0	0	175	40-49	107
11:00	1	0	0	2	15	38	69	55	18	2	0	0	0	0	200	40-49	117
12 PM	1	0	1	3	16	61	88	72	8	2	0	0	0	0	252	39-48	155
13:00	0	0	0	1	3	32	102	90	19	1	1	0	0	0	249	41-50	175
14:00	0	0	0	0	13	32	95	82	30	7	1	0	0	0	260	41-50	163
15:00	0	0	0	0	9	35	122	76	32	2	0	0	0	0	276	40-49	185
16:00	0	0	1	3	13	47	94	85	36	5	1	0	0	0	285	40-49	168
17:00	0	0	0	3	8	62	102	78	24	4	3	0	0	0	284	39-48	174
18:00	0	0	0	6	17	50	115	57	14	4	0	0	0	0	263	39-48	169
19:00	0	0	3	5	11	55	61	48	4	0	0	0	0	0	187	38-47	113
20:00	0	0	1	8	15	62	57	23	6	1	0	0	0	0	173	36-45	109
21:00	0	0	0	2	24	49	46	22	3	0	0	0	0	0	146	36-45	89
22:00	0	1	0	0	7	65	70	27	7	1	0	0	0	0	178	37-46	123
23:00	0	0	0	1	15	38	47	32	11	0	0	0	0	0	144	38-47	83
Total	5	1	6	43	240	892	1506	1103	328	59	15	0	0	0	4198		
Percent	0.1%	0.0%	0.1%	1.0%	5.7%	21.2%	35.9%	26.3%	7.8%	1.4%	0.4%	0.0%	0.0%	0.0%			
AM Peak	04:00			01:00	06:00	07:00	11:00	07:00	06:00	06:00	05:00				07:00		
Vol.	1			2	18	41	69	61	18	6	2				200		
PM Peak	12:00	22:00	19:00	20:00	21:00	22:00	15:00	13:00	16:00	14:00	17:00				16:00		
Vol.	1	1	3	8	24	65	122	90	36	7	3				285		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743005 speed1  
Count 17  
I-81 SB Ramp and Mountain

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	3	7	19	46	17	6	0	1	0	0	0	99	38-47	64
01:00	0	0	0	0	5	19	36	26	6	0	0	0	0	0	92	40-49	59
02:00	0	0	0	0	3	18	26	21	5	3	0	0	0	0	76	39-48	46
03:00	1	1	1	4	8	13	26	7	3	0	0	0	0	0	64	37-46	36
04:00	0	0	0	0	2	15	23	16	5	1	1	0	0	0	63	39-48	39
05:00	0	0	0	0	12	28	42	23	14	4	2	0	0	0	125	37-46	68
06:00	1	0	0	5	15	42	92	37	12	3	1	0	0	0	208	38-47	131
07:00	0	0	0	4	8	30	59	49	23	5	0	1	0	0	179	40-49	102
08:00	1	0	0	0	8	44	51	53	24	6	2	1	0	0	190	40-49	100
09:00	<b>16</b>	<b>3</b>	<b>4</b>	3	13	45	77	60	21	6	1	0	0	0	249	40-49	124
10:00	0	0	2	3	12	38	87	<b>76</b>	<b>31</b>	<b>9</b>	0	1	0	0	259	40-49	152
11:00	0	0	0	5	<b>18</b>	<b>55</b>	<b>98</b>	76	21	9	1	0	0	0	<b>283</b>	39-48	166
12 PM	0	0	5	5	16	60	148	90	25	3	0	0	0	0	352	39-48	226
13:00	0	0	2	3	21	59	158	<b>109</b>	30	1	<b>1</b>	0	0	0	384	40-49	250
14:00	0	0	0	0	11	61	136	106	32	<b>5</b>	0	<b>1</b>	0	0	352	40-49	227
15:00	<b>1</b>	0	0	2	16	57	122	107	29	2	0	0	0	0	336	40-49	213
16:00	0	0	2	0	16	54	135	99	<b>40</b>	3	0	0	0	0	349	40-49	219
17:00	0	<b>7</b>	3	7	24	<b>94</b>	<b>160</b>	80	16	4	0	0	0	0	<b>395</b>	38-47	246
18:00	0	0	0	3	18	70	133	78	14	1	0	0	0	0	317	39-48	208
19:00	0	0	1	6	19	66	89	38	5	0	0	0	0	0	224	37-46	145
20:00	0	0	1	<b>11</b>	26	80	81	26	5	2	0	0	0	0	232	36-45	148
21:00	0	0	2	8	<b>31</b>	75	63	31	10	2	0	0	0	0	222	35-44	129
22:00	0	0	0	1	20	46	57	29	11	0	0	0	0	0	164	37-46	97
23:00	0	0	1	4	11	32	45	36	11	2	0	0	0	0	142	39-48	79
<b>Total</b>	<b>20</b>	<b>11</b>	<b>24</b>	<b>77</b>	<b>340</b>	<b>1120</b>	<b>1990</b>	<b>1290</b>	<b>399</b>	<b>71</b>	<b>10</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5356</b>		
<b>Percent</b>	<b>0.4%</b>	<b>0.2%</b>	<b>0.4%</b>	<b>1.4%</b>	<b>6.3%</b>	<b>20.9%</b>	<b>37.2%</b>	<b>24.1%</b>	<b>7.4%</b>	<b>1.3%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	09:00	09:00	09:00	06:00	11:00	11:00	11:00	10:00	10:00	10:00	05:00	07:00			11:00		
Vol.	16	3	4	5	18	55	98	76	31	9	2	1			283		
PM Peak	15:00	17:00	12:00	20:00	21:00	17:00	17:00	13:00	16:00	14:00	13:00	14:00			17:00		
Vol.	1	7	5	11	31	94	160	109	40	5	1	1			395		
Total	162	55	132	631	2947	9262	14052	8818	2570	433	82	12	4	1	39161		
Percent	0.4%	0.1%	0.3%	1.6%	7.5%	23.7%	35.9%	22.5%	6.6%	1.1%	0.2%	0.0%	0.0%	0.0%			

15th Percentile : 35 MPH  
 50th Percentile : 42 MPH  
 85th Percentile : 48 MPH  
 95th Percentile : 52 MPH

Stats  
 10 MPH Pace Speed : 38-47 MPH  
 Number in Pace : 23045  
 Percent in Pace : 58.8%  
 Number of Vehicles > 55 MPH : 532  
 Percent of Vehicles > 55 MPH : 1.4%  
 Mean Speed(Average) : 42 MPH

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/28/17	0	0	0	0	5	7	20	12	0	0	0	0	0	0	0	44	39-48	30
01:00	0	0	0	1	1	3	14	19	4	0	0	0	0	0	0	42	41-50	30
02:00	0	0	0	0	1	6	7	5	4	0	0	0	0	0	0	23	37-46	13
03:00	1	0	1	1	2	6	4	5	0	1	1	0	0	0	0	22	39-48	9
04:00	0	0	0	0	3	9	9	7	6	0	0	0	0	0	0	34	38-47	17
05:00	0	0	0	3	7	20	21	16	8	2	1	0	0	0	0	78	38-47	39
06:00	0	0	0	4	15	21	51	39	11	0	0	0	0	0	0	141	40-49	84
07:00	1	0	0	4	13	39	72	44	13	2	1	0	0	0	0	189	39-48	114
08:00	0	0	0	1	<b>29</b>	49	80	53	9	2	0	0	0	0	0	223	39-48	131
09:00	0	0	0	2	9	42	98	<b>58</b>	<b>15</b>	<b>3</b>	0	0	0	0	0	227	39-48	150
10:00	0	0	0	3	27	<b>65</b>	80	48	3	2	0	0	0	0	0	228	37-46	139
11:00	<b>2</b>	0	<b>3</b>	<b>7</b>	25	63	<b>111</b>	45	13	1	0	0	0	0	0	<b>270</b>	38-47	166
12 PM	1	0	0	8	38	81	126	51	9	1	0	0	0	0	0	315	37-46	196
13:00	1	0	0	4	30	88	119	47	10	1	0	0	0	0	0	300	37-46	193
14:00	<b>3</b>	<b>1</b>	5	5	15	96	127	52	11	0	<b>1</b>	0	0	0	0	316	37-46	206
15:00	2	0	1	8	22	110	122	58	12	<b>4</b>	0	0	0	0	0	339	37-46	215
16:00	0	0	1	9	44	91	133	<b>75</b>	<b>16</b>	2	1	0	0	0	0	372	38-47	218
17:00	0	0	0	7	33	134	<b>143</b>	68	12	0	0	0	0	0	0	<b>397</b>	37-46	257
18:00	0	1	<b>8</b>	<b>60</b>	<b>145</b>	130	22	2	0	0	0	0	0	0	0	368	30-39	253
19:00	0	0	0	17	88	<b>163</b>	57	8	0	0	0	0	0	0	0	333	33-42	239
20:00	0	0	2	1	37	85	63	19	1	2	0	0	0	0	0	210	35-44	139
21:00	0	0	2	4	11	47	60	15	5	1	0	0	0	0	0	145	37-46	97
22:00	0	0	0	1	6	34	55	29	4	0	1	0	0	0	0	130	38-47	87
23:00	0	0	0	1	7	27	47	19	8	0	1	0	0	0	0	110	38-47	71
Total	11	2	23	151	613	1416	1641	794	174	24	7	0	0	0	0	4856		
Percent	0.2%	0.0%	0.5%	3.1%	12.6%	29.2%	33.8%	16.4%	3.6%	0.5%	0.1%	0.0%	0.0%	0.0%				
AM Peak	11:00		11:00	11:00	08:00	10:00	11:00	09:00	09:00	09:00	03:00					11:00		
Vol.	2		3	7	29	65	111	58	15	3	1					270		
PM Peak	14:00	14:00	18:00	18:00	18:00	19:00	17:00	16:00	16:00	15:00	14:00					17:00		
Vol.	3	1	8	60	145	163	143	75	16	4	1					397		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/29/17	0	0	0	0	5	13	24	15	7	1	0	0	0	0	65	39-48	38
01:00	0	0	1	1	4	8	22	20	7	2	1	0	0	0	66	40-49	39
02:00	0	0	0	0	4	11	9	6	3	0	0	0	0	0	33	35-44	19
03:00	0	0	0	0	3	5	15	5	1	2	0	0	0	0	31	37-46	20
04:00	0	0	0	0	2	7	17	18	5	1	0	0	0	0	50	41-50	32
05:00	0	0	0	3	8	28	46	45	7	1	0	0	0	0	138	40-49	85
06:00	0	0	0	6	26	59	75	46	12	1	0	1	0	0	226	37-46	129
07:00	0	0	0	3	14	55	81	47	11	0	1	0	0	0	212	38-47	133
08:00	0	0	0	2	27	60	102	71	16	1	0	0	0	0	279	39-48	169
09:00	1	0	1	2	14	58	147	78	15	0	0	0	0	0	316	39-48	216
10:00	0	0	0	2	21	111	139	58	12	0	0	0	0	0	343	37-46	233
11:00	2	0	0	4	23	123	152	64	12	3	0	0	0	0	383	37-46	255
12 PM	0	0	0	6	25	93	153	65	11	2	0	0	0	0	355	38-47	235
13:00	0	0	2	2	29	119	148	52	6	0	0	0	0	1	359	37-46	246
14:00	1	0	0	4	43	138	177	74	11	2	0	0	0	0	450	37-46	294
15:00	1	0	0	5	59	241	292	86	18	2	0	0	0	0	704	36-45	486
16:00	3	0	0	9	77	266	310	88	13	2	0	0	0	0	768	36-45	525
17:00	1	0	0	18	115	363	270	64	10	0	0	0	0	0	841	35-44	583
18:00	0	0	0	32	154	309	198	37	5	0	1	0	0	0	736	34-43	489
19:00	1	0	0	25	167	242	146	28	5	1	1	0	0	0	616	33-42	400
20:00	0	0	5	9	58	167	157	32	7	1	1	0	0	0	437	36-45	296
21:00	0	0	2	5	38	112	100	34	3	2	0	0	0	0	296	36-45	195
22:00	1	0	1	6	42	79	81	21	7	2	0	0	0	0	240	35-44	148
23:00	0	0	0	1	20	59	52	42	5	0	0	0	0	0	179	37-46	106
<b>Total</b>	11	0	12	145	978	2726	2913	1096	209	26	5	1	0	1	8123		
<b>Percent</b>	0.1%	0.0%	0.1%	1.8%	12.0%	33.6%	35.9%	13.5%	2.6%	0.3%	0.1%	0.0%	0.0%	0.0%			
<b>AM Peak</b>	11:00		01:00	06:00	08:00	11:00	11:00	09:00	08:00	11:00	11:00	01:00	06:00				11:00
<b>Vol.</b>	2		1	6	27	123	152	78	16	3	1	1					383
<b>PM Peak</b>	16:00		20:00	18:00	19:00	17:00	16:00	16:00	15:00	12:00	18:00		13:00				17:00
<b>Vol.</b>	3		5	32	167	363	310	88	18	2	1		1				841

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
09/30/17	0	0	0	2	7	33	48	19	6	0	1	0	0	0	116	37-46	76
01:00	0	0	0	0	8	17	39	29	6	0	0	0	0	0	99	40-49	64
02:00	0	0	0	0	3	16	24	10	3	1	0	0	0	0	57	37-46	38
03:00	0	0	0	0	4	14	18	10	1	1	0	0	0	0	48	38-47	30
04:00	0	0	0	2	1	14	24	16	9	1	0	0	0	0	67	39-48	39
05:00	0	0	0	1	8	37	45	33	8	2	1	0	0	0	135	38-47	80
06:00	1	0	0	5	10	20	40	30	7	1	0	0	0	0	114	39-48	66
07:00	0	0	0	4	14	36	69	44	6	2	0	0	0	0	175	39-48	110
08:00	1	0	0	0	10	42	69	54	11	4	0	0	0	0	191	39-48	118
09:00	1	0	6	4	12	75	117	46	15	2	0	0	0	0	278	37-46	180
10:00	0	0	0	7	25	101	133	57	6	1	0	0	0	0	330	37-46	219
11:00	0	0	1	9	59	145	162	54	9	2	0	0	0	0	441	36-45	284
12 PM	0	0	1	6	39	147	182	53	4	3	0	0	0	0	435	36-45	301
13:00	0	0	2	5	36	135	151	57	8	0	0	1	0	0	395	36-45	263
14:00	2	0	1	13	51	160	148	64	3	0	0	0	0	0	442	36-45	284
15:00	4	0	0	6	55	187	155	45	7	1	0	0	0	0	460	36-45	311
16:00	0	0	15	19	67	181	189	36	9	1	1	0	0	0	518	36-45	338
17:00	1	0	4	18	95	253	216	48	8	3	0	0	0	0	646	35-44	431
18:00	0	0	0	18	145	308	149	36	7	1	0	0	0	0	664	34-43	455
19:00	0	0	2	33	188	307	161	37	7	0	0	0	0	0	735	33-42	484
20:00	0	1	0	19	123	243	151	45	2	1	0	0	0	0	585	34-43	382
21:00	0	1	3	8	55	148	136	41	3	1	0	0	0	0	396	36-45	261
22:00	0	0	3	4	28	130	103	33	4	1	0	0	0	0	306	36-45	212
23:00	0	0	0	1	13	49	90	34	13	1	0	0	0	0	201	38-47	133
<b>Total</b>	10	2	38	184	1056	2798	2619	931	162	30	3	1	0	0	7834		
Percent	0.1%	0.0%	0.5%	2.3%	13.5%	35.7%	33.4%	11.9%	2.1%	0.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00		09:00	11:00	11:00	11:00	11:00	10:00	09:00	08:00	00:00				11:00		
Vol.	1		6	9	59	145	162	57	15	4	1				441		
PM Peak	15:00	20:00	16:00	19:00	19:00	18:00	17:00	14:00	23:00	12:00	16:00	13:00			19:00		
Vol.	4	1	15	33	188	308	216	64	13	3	1	1			735		

## Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
10/01/17	0	0	0	0	6	29	43	18	5	0	0	0	0	0	101	37-46	68
01:00	0	0	0	0	4	13	38	23	5	3	0	0	0	0	86	40-49	57
02:00	0	0	0	0	8	15	21	15	7	3	0	0	0	0	69	38-47	36
03:00	0	0	0	1	3	2	24	13	3	2	0	0	0	0	48	40-49	34
04:00	0	0	0	0	2	12	17	14	5	0	0	0	0	0	50	40-49	30
05:00	0	0	0	2	6	13	44	52	17	3	0	0	0	0	137	41-50	88
06:00	0	0	0	2	5	18	29	18	5	2	2	0	0	0	81	39-48	47
07:00	0	0	0	3	21	33	59	49	16	3	0	0	1	0	185	40-49	103
08:00	0	0	0	1	6	26	63	35	8	5	0	0	0	0	144	39-48	94
09:00	0	0	1	0	13	40	103	63	10	2	0	0	0	0	232	39-48	157
10:00	0	0	0	2	9	80	127	56	12	2	1	0	0	0	289	38-47	197
11:00	2	0	0	8	21	70	161	81	7	1	0	0	0	0	351	39-48	237
12 PM	3	0	0	2	25	110	155	71	13	2	0	0	0	0	381	37-46	249
13:00	1	0	0	1	36	132	147	54	9	3	0	0	0	0	383	36-45	256
14:00	0	0	0	3	31	112	184	62	12	1	0	0	0	0	405	37-46	278
15:00	0	0	1	1	20	110	145	74	8	2	1	0	0	0	362	37-46	241
16:00	0	0	0	1	26	79	136	76	8	1	0	0	0	0	327	38-47	214
17:00	0	0	0	0	29	90	137	54	7	1	1	0	0	0	319	37-46	214
18:00	0	0	0	4	50	103	113	46	6	0	0	0	0	0	322	36-45	202
19:00	0	0	0	2	23	87	112	43	2	0	0	0	0	0	269	37-46	185
20:00	0	0	0	3	12	64	81	41	5	2	0	0	0	0	208	37-46	137
21:00	0	0	0	1	5	32	64	25	6	1	0	0	0	0	134	38-47	93
22:00	0	0	0	1	4	24	43	39	9	1	1	0	0	0	122	40-49	77
23:00	0	0	0	0	4	22	36	27	7	1	0	0	0	0	97	39-48	61
<b>Total</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>38</b>	<b>369</b>	<b>1316</b>	<b>2082</b>	<b>1049</b>	<b>192</b>	<b>41</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5102</b>		
<b>Percent</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.7%</b>	<b>7.2%</b>	<b>25.8%</b>	<b>40.8%</b>	<b>20.6%</b>	<b>3.8%</b>	<b>0.8%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	11:00		09:00	11:00	07:00	10:00	11:00	11:00	05:00	08:00	06:00		07:00		11:00		
Vol.	2		1	8	21	80	161	81	17	5	2		1		351		
PM Peak	12:00		15:00	18:00	18:00	13:00	14:00	16:00	12:00	13:00	15:00				14:00		
Vol.	3		1	4	50	132	184	76	13	3	1				405		

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
10/02/17	0	0	0	0	5	5	17	12	5	0	0	1	0	0	45	40-49	27
01:00	0	0	0	2	1	8	16	17	9	1	0	0	0	0	54	41-50	31
02:00	0	0	0	0	2	4	5	5	2	1	1	0	0	0	20	39-48	10
03:00	0	0	0	0	3	6	2	8	3	1	0	0	0	0	23	44-53	11
04:00	0	0	0	0	6	4	9	7	5	2	0	0	0	0	33	41-50	15
05:00	0	0	0	4	10	14	22	19	5	1	0	0	0	0	75	40-49	39
06:00	0	0	0	3	14	38	53	28	2	1	0	0	0	0	139	37-46	87
07:00	0	0	0	0	13	33	62	36	7	3	0	0	0	0	154	39-48	97
08:00	0	0	0	1	12	35	56	43	16	0	0	0	0	0	163	39-48	96
09:00	1	0	2	4	13	41	84	54	9	0	0	0	0	0	208	39-48	132
10:00	0	0	0	1	11	48	102	61	12	1	0	0	0	0	236	39-48	158
11:00	1	0	0	3	13	63	97	60	15	5	0	0	0	0	257	38-47	158
12 PM	1	0	0	2	12	49	72	48	15	4	0	0	0	0	203	38-47	120
13:00	0	0	1	2	25	49	89	58	11	4	0	0	0	0	239	39-48	143
14:00	0	0	2	2	14	70	103	55	8	0	0	0	0	0	254	38-47	167
15:00	0	0	2	11	25	74	116	47	14	1	0	0	0	1	291	37-46	180
16:00	0	0	3	3	11	72	116	86	13	0	0	0	0	0	304	39-48	196
17:00	0	0	0	1	27	116	154	78	8	1	1	0	0	0	386	37-46	256
18:00	1	0	1	5	29	97	101	53	9	0	0	0	0	0	296	37-46	184
19:00	0	0	0	2	12	57	76	41	6	0	0	0	0	0	194	37-46	127
20:00	0	0	0	1	10	42	59	39	12	2	0	0	0	0	165	38-47	100
21:00	0	0	0	2	8	28	35	21	7	0	0	0	0	0	101	38-47	60
22:00	0	0	0	1	2	28	38	26	7	0	0	0	0	0	102	38-47	65
23:00	0	0	0	0	8	18	29	24	6	0	0	0	0	0	85	39-48	51
Total	4	0	11	50	286	999	1513	926	206	28	2	1	0	1	4027		
Percent	0.1%	0.0%	0.3%	1.2%	7.1%	24.8%	37.6%	23.0%	5.1%	0.7%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00		09:00	05:00	06:00	11:00	10:00	10:00	08:00	11:00	02:00	00:00			11:00		
Vol.	1		2	4	14	63	102	61	16	5	1	1			257		
PM Peak	12:00		16:00	15:00	18:00	17:00	17:00	16:00	12:00	12:00	17:00		15:00	17:00			
Vol.	1		3	11	29	116	154	86	15	4	1		1	386			

# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
10/03/17	0	0	0	1	5	12	22	9	2	0	0	0	0	0	51	37-46	33
01:00	0	0	0	0	4	5	20	17	1	1	0	0	0	0	48	41-50	33
02:00	0	0	0	1	2	6	5	9	2	0	0	0	0	0	25	42-51	13
03:00	0	0	1	0	3	5	7	4	2	1	0	0	0	0	23	37-46	12
04:00	0	0	0	0	4	5	9	6	4	3	2	0	0	0	33	39-48	15
05:00	0	0	0	1	11	11	14	14	5	0	0	0	0	0	56	39-48	27
06:00	0	0	0	3	12	35	56	28	10	2	0	0	0	0	146	38-47	88
07:00	0	0	0	5	18	39	63	39	10	2	1	0	0	0	177	38-47	102
08:00	0	0	0	2	9	26	53	42	9	2	0	0	0	0	143	40-49	89
09:00	0	0	1	0	17	47	92	54	9	0	0	0	0	0	220	39-48	143
10:00	0	0	1	2	13	54	94	46	2	1	0	0	0	0	213	38-47	145
11:00	2	0	1	1	15	53	103	37	15	2	0	0	0	0	229	38-47	149
12 PM	0	0	1	2	17	76	134	50	10	2	0	0	0	0	292	38-47	200
13:00	0	0	0	1	11	61	113	54	11	0	0	0	0	0	251	38-47	171
14:00	1	0	0	1	16	72	112	48	8	1	0	0	0	0	259	37-46	174
15:00	1	1	0	3	24	88	92	56	13	3	0	0	0	0	281	37-46	169
16:00	1	0	2	2	11	78	109	62	13	3	0	0	0	0	281	38-47	180
17:00	0	1	1	4	50	101	124	40	19	1	0	0	0	0	341	36-45	208
18:00	1	0	2	7	34	132	95	30	4	1	0	0	0	0	306	35-44	208
19:00	0	0	1	2	29	95	83	30	6	0	0	0	0	0	246	36-45	164
20:00	0	0	1	2	13	50	74	25	6	0	0	0	0	0	171	37-46	116
21:00	0	0	0	2	12	36	61	29	4	2	0	0	0	0	146	38-47	94
22:00	0	0	1	1	9	33	36	25	6	1	1	0	0	0	113	37-46	66
23:00	0	0	0	2	9	27	45	13	6	2	0	0	0	0	104	37-46	67
Total	6	2	13	45	348	1147	1616	767	177	30	4	0	0	0	4155		
Percent	0.1%	0.0%	0.3%	1.1%	8.4%	27.6%	38.9%	18.5%	4.3%	0.7%	0.1%	0.0%	0.0%	0.0%			
AM Peak	11:00		03:00	07:00	07:00	10:00	11:00	09:00	11:00	04:00	04:00				11:00		
Vol.	2		1	5	18	54	103	54	15	3	2				229		
PM Peak	14:00	15:00	16:00	18:00	17:00	18:00	12:00	16:00	17:00	15:00	22:00				17:00		
Vol.	1	1	2	7	50	132	134	62	19	3	1				341		



# Herbert, Rowland & Grubic, Inc.

369 East Park Drive  
Harrisburg, PA 17111

743006 speed1  
Count 17  
I-81 SB Ramp and Mountain

Northbound

Start Time	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	Total	Pace Speed	Number in Pace
10/04/17	0	0	0	3	3	18	15	13	4	0	1	0	0	0	57	37-46	31
01:00	0	0	0	0	5	10	7	11	7	2	0	0	0	0	42	39-48	18
02:00	0	0	0	0	3	6	16	3	3	0	0	0	0	0	31	37-46	21
03:00	0	0	2	0	3	5	11	6	2	0	1	0	0	0	30	39-48	17
04:00	0	0	1	0	3	7	9	7	1	2	1	0	0	0	31	39-48	16
05:00	0	0	0	4	11	10	13	20	7	1	0	0	0	0	66	42-51	31
06:00	0	0	1	5	22	30	53	27	3	1	0	0	0	0	142	38-47	82
07:00	0	0	2	3	12	30	68	39	16	0	1	0	0	0	171	39-48	103
08:00	0	0	0	1	11	28	72	44	12	1	0	0	0	0	169	39-48	110
09:00	0	0	4	2	35	62	111	42	5	3	1	0	0	0	265	37-46	165
10:00	0	0	0	3	18	102	116	50	11	0	0	0	0	0	300	37-46	202
11:00	0	0	0	2	24	88	113	64	12	3	0	0	0	0	306	37-46	192
12 PM	0	0	0	4	20	86	126	35	4	1	1	0	0	0	277	37-46	196
13:00	2	0	0	6	17	71	127	55	14	0	0	0	0	0	292	38-47	191
14:00	1	0	1	2	24	80	130	51	13	3	0	0	0	0	305	37-46	198
15:00	0	0	0	1	23	90	147	63	10	1	0	0	0	0	335	38-47	226
16:00	0	0	2	8	26	66	125	77	14	5	0	0	0	0	323	39-48	198
17:00	0	0	0	4	31	106	145	60	11	0	0	0	0	0	357	37-46	235
18:00	1	0	3	7	48	124	112	39	7	0	1	0	0	0	342	36-45	218
19:00	0	0	0	9	30	112	89	27	1	2	0	0	0	0	270	36-45	184
20:00	0	0	0	2	33	56	75	27	10	0	0	0	0	0	203	37-46	122
21:00	0	0	1	0	19	37	41	27	8	0	0	0	0	0	133	37-46	75
22:00	0	0	0	2	6	34	36	29	3	2	0	0	0	0	112	37-46	68
23:00	0	0	0	1	5	15	32	28	6	3	0	0	0	0	90	40-49	56
<b>Total</b>	<b>4</b>	<b>0</b>	<b>17</b>	<b>69</b>	<b>432</b>	<b>1273</b>	<b>1789</b>	<b>844</b>	<b>184</b>	<b>30</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4649</b>		
Percent	0.1%	0.0%	0.4%	1.5%	9.3%	27.4%	38.5%	18.2%	4.0%	0.6%	0.2%	0.0%	0.0%	0.0%			
AM Peak			09:00	06:00	09:00	10:00	10:00	11:00	07:00	09:00	00:00				11:00		
Vol.			4	5	35	102	116	64	16	3	1				306		
PM Peak	13:00		18:00	19:00	18:00	18:00	15:00	16:00	13:00	16:00	12:00				17:00		
Vol.	2		3	9	48	124	147	77	14	5	1				357		
Total	52	6	116	682	4082	11675	14173	6407	1304	209	34	3	1	2	38746		
Percent	0.1%	0.0%	0.3%	1.8%	10.5%	30.1%	36.6%	16.5%	3.4%	0.5%	0.1%	0.0%	0.0%	0.0%			

15th Percentile : 34 MPH  
 50th Percentile : 40 MPH  
 85th Percentile : 46 MPH  
 95th Percentile : 50 MPH

Stats  
 10 MPH Pace Speed : 37-46 MPH  
 Number in Pace : 24152  
 Percent in Pace : 62.3%  
 Number of Vehicles > 55 MPH : 249  
 Percent of Vehicles > 55 MPH : 0.6%  
 Mean Speed(Average) : 41 MPH