APPENDIX B

DATA COLLECTION INFORMATION

FRIDAY PEAK HOUR TIME PERIODS

Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

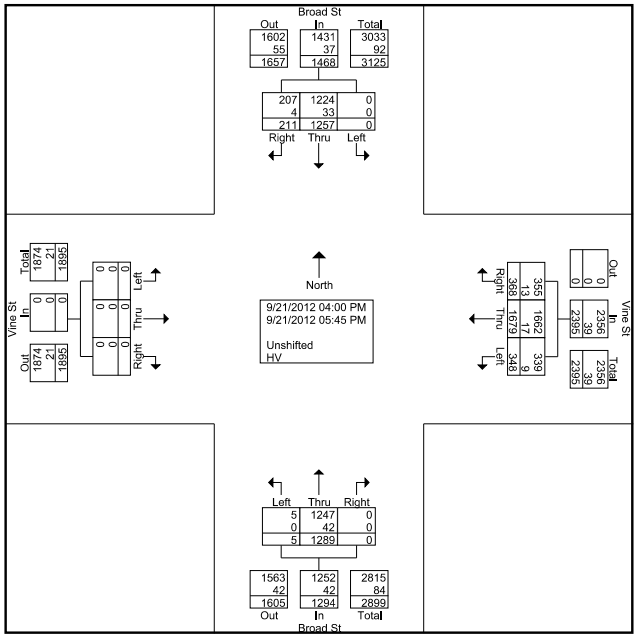
Broad Street and WB Vine Street

Counter: D4-5388
Counted by: J. Muthersbaugh
Weather: Sunny
Saved as: 2011-09-21 FRIBV

File Name : 2012-09-21 FRIBV
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Unshifted - HV

	Broad St Northbound					Broad St Southbound					Vine St Eastbound					Vine St Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	0	175	0	0	175	0	147	21	0	168	0	0	0	0	0	50	203	46	0	299	0	642	642
04:15 PM	1	161	0	0	162	0	139	18	0	157	0	0	0	0	0	51	238	43	0	332	0	651	651
04:30 PM	0	154	0	0	154	0	168	34	0	202	0	0	0	0	0	50	235	44	1	329	1	685	686
04:45 PM	1	158	0	0	159	0	176	28	0	204	0	0	0	0	0	31	205	49	2	285	2	648	650
Total	2	648	0	0	650	0	630	101	0	731	0	0	0	0	0	182	881	182	3	1245	3	2626	2629
05:00 PM	1	149	0	0	150	0	159	31	1	190	0	0	0	0	0	41	198	33	0	272	1	612	613
05:15 PM	2	187	0	0	189	0	142	31	0	173	0	0	0	0	0	50	227	56	0	333	0	695	695
05:30 PM	0	167	0	0	167	0	185	29	0	214	0	0	0	0	0	37	208	54	0	299	0	680	680
05:45 PM	0	138	0	0	138	0	141	19	2	160	0	0	0	0	0	38	165	43	1	246	3	544	547
Total	3	641	0	0	644	0	627	110	3	737	0	0	0	0	0	166	798	186	1	1150	4	2531	2535
Grand Total	5	1289	0	0	1294	0	1257	211	3	1468	0	0	0	0	0	348	1679	368	4	2395	7	5157	5164
Apprch %	0.4	99.6	0			0	85.6	14.4			0	0	0			14.5	70.1	15.4					
Total %	0.1	25	0		25.1	0	24.4	4.1		28.5	0	0	0		0	6.7	32.6	7.1		46.4	0.1	99.9	
Unshifted	5	1247	0		1252	0	1224	207		1432	0	0	0		0	339	1662	355		2357	0	0	5041
% Unshifted	100	96.7	0	0	96.8	0	97.4	98.1	33.3	97.3	0	0	0	0	0	97.4	99	96.5	25	98.2	0	0	97.6
HV	0	42	0		42	0	33	4		39	0	0	0		0	9	17	13		42	0	0	123
% HV	0	3.3	0	0	3.2	0	2.6	1.9	66.7	2.7	0	0	0	0	0	2.6	1	3.5	75	1.8	0	0	2.4



Traffic Planning and Design, Inc.
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Camden, New Jersey 08103

Broad Street and WB Vine Street

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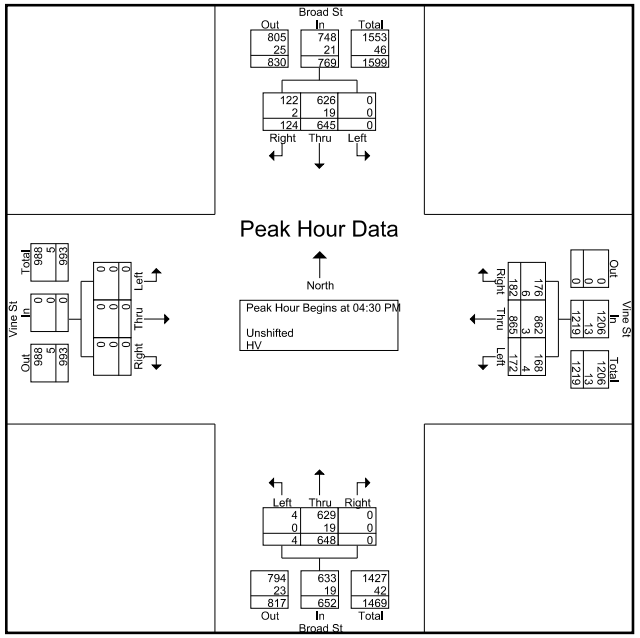
File Name : 2012-09-21 FRIBV
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Broad St Northbound				Broad St Southbound				Vine St Eastbound				Vine St Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	154	0	154	0	168	**34**	202	0	0	0	0	**50**	**235**	44	329	685
04:45 PM	1	158	0	159	0	**176**	28	**204**	0	0	0	0	31	205	49	285	648
05:00 PM	1	149	0	150	0	159	31	190	0	0	0	0	41	198	33	272	612
05:15 PM	**2**	**187**	0	**189**	0	142	31	173	0	0	0	0	50	227	**56**	**333**	**695**
Total Volume	4	648	0	652	0	645	124	769	0	0	0	0	172	865	182	1219	2640
% App. Total	0.6	99.4	0		0	83.9	16.1		0	0	0		14.1	71	14.9		
PHF	.500	.866	.000	.862	.000	.916	.912	.942	.000	.000	.000	.000	.860	.920	.813	.915	.950
Unshifted	4	629	0	633	0	626	122	748	0	0	0	0	168	862	176	1206	2587
% Unshifted	100	97.1	0	97.1	0	97.1	98.4	97.3	0	0	0	0	97.7	99.7	96.7	98.9	98.0
HV	0	19	0	19	0	19	2	21	0	0	0	0	4	3	6	13	53
% HV	0	2.9	0	2.9	0	2.9	1.6	2.7	0	0	0	0	2.3	0.3	3.3	1.1	2.0



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

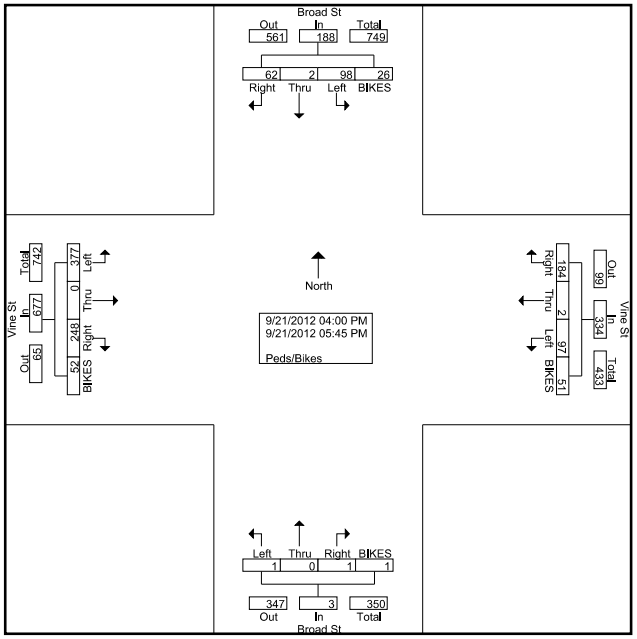
Broad Street & WB Vine Street

Counter: D4-5388
Counted by: J. Muthersbaugh
Weather: Sunny
Saved as: 2011-09-21 FRIBV

File Name : 2012-09-21 FRIBV
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Peds/Bikes

	Vine St Eastbound					Vine St Westbound					Broad St Northbound					Broad St Southbound					
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Int. Total
04:00 PM	66	0	38	8	112	9	1	21	2	33	0	0	0	0	0	11	0	9	4	24	169
04:15 PM	35	0	33	2	70	24	0	24	4	52	0	0	0	0	0	13	0	9	3	25	147
04:30 PM	39	0	24	4	67	5	0	21	3	29	0	0	1	0	1	5	1	7	3	16	113
04:45 PM	44	0	27	4	75	9	0	19	3	31	0	0	0	0	0	9	0	9	5	23	129
Total	184	0	122	18	324	47	1	85	12	145	0	0	1	0	1	38	1	34	15	88	558
05:00 PM	56	0	34	4	94	16	1	22	13	52	1	0	0	1	2	18	0	2	1	21	169
05:15 PM	50	0	30	14	94	14	0	22	11	47	0	0	0	0	0	17	1	7	6	31	172
05:30 PM	52	0	26	8	86	10	0	23	8	41	0	0	0	0	0	15	0	9	4	28	155
05:45 PM	35	0	36	8	79	10	0	32	7	49	0	0	0	0	0	10	0	10	0	20	148
Total	193	0	126	34	353	50	1	99	39	189	1	0	0	1	2	60	1	28	11	100	644
Grand Total	377	0	248	52	677	97	2	184	51	334	1	0	1	1	3	98	2	62	26	188	1202
Apprch %	55.7	0	36.6	7.7		29	0.6	55.1	15.3		33.3	0	33.3	33.3		52.1	1.1	33	13.8		
Total %	31.4	0	20.6	4.3	56.3	8.1	0.2	15.3	4.2	27.8	0.1	0	0.1	0.1	0.2	8.2	0.2	5.2	2.2	15.6	



Traffic Planning & Design, Inc.
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Allentown, PA 18101

Broad Street & WB Vine Street

Counter: D4-5388
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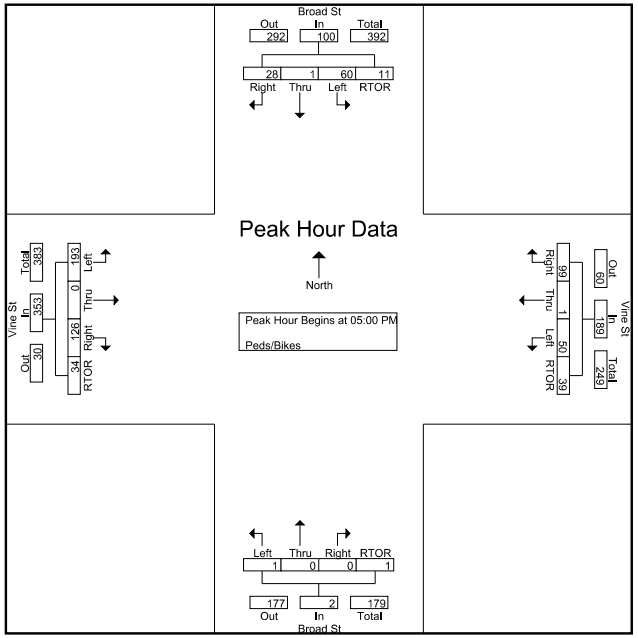
File Name : 2012-09-21 FRIBV
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Vine St Eastbound					Vine St Westbound					Broad St Northbound					Broad St Southbound					
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	**56**	0	34	4	**94**	**16**	**1**	22	**13**	**52**	**1**	0	0	**1**	**2**	**18**	0	2	1	21	169
05:15 PM	50	0	30	**14**	94	14	0	22	11	47	0	0	0	0	0	17	**1**	7	**6**	**31**	**172**
05:30 PM	52	0	26	8	86	10	0	23	8	41	0	0	0	0	0	15	0	9	4	28	155
05:45 PM	35	0	**36**	8	79	10	0	**32**	7	49	0	0	0	0	0	10	0	**10**	0	20	148
Total Volume	193	0	126	34	353	50	1	99	39	189	1	0	0	1	2	60	1	28	11	100	644
% App. Total	54.7	0	35.7	9.6		26.5	0.5	52.4	20.6		50	0	0	50		60	1	28	11		
PHF	.862	.000	.875	.607	.939	.781	.250	.773	.750	.909	.250	.000	.000	.250	.250	.833	.250	.700	.458	.806	.936



Traffic Planning & Design, Inc.

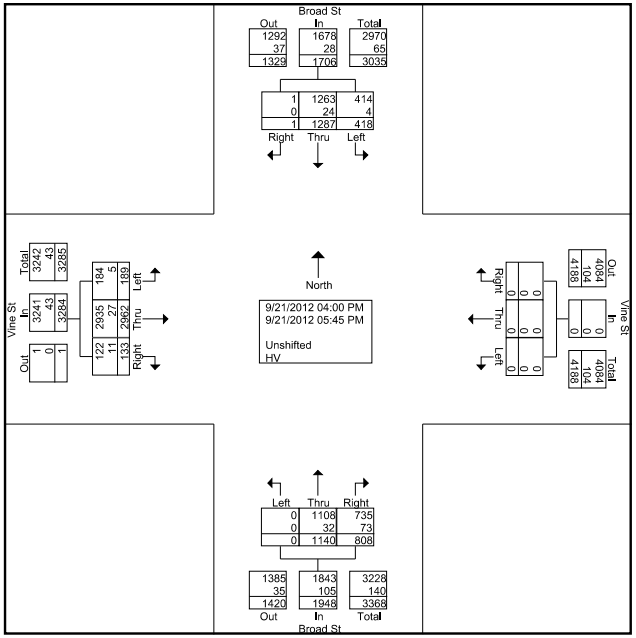
2500 East High Street
Pottstown, PA 19464
Broad Street & EB Vine Street

Counter: 19
Counted by: F. Montgomery
Weather: Sunny
Saved as: 2012-09-21 FRIBNV

File Name : 2012-09-21 FRIBNV
Site Code : 00000005
Start Date : 9/21/2012
Page No : 1

Groups Printed- Unshifted - HV

	Vine St Eastbound					Vine St Westbound					Broad St Northbound					Broad St Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	31	369	16	1	416	0	0	0	0	0	0	145	95	2	240	55	145	1	1	201	4	857	861
04:15 PM	24	392	12	0	428	0	0	0	0	0	0	174	101	0	275	52	155	0	0	207	0	910	910
04:30 PM	18	373	18	1	409	0	0	0	0	0	0	132	90	0	222	53	160	0	0	213	1	844	845
04:45 PM	24	366	13	0	403	0	0	0	0	0	0	132	102	0	234	56	152	0	0	208	0	845	845
Total	97	1500	59	2	1656	0	0	0	0	0	0	583	388	2	971	216	612	1	1	829	5	3456	3461
05:00 PM	24	345	18	0	387	0	0	0	0	0	0	115	114	0	229	52	174	0	0	226	0	842	842
05:15 PM	19	356	9	0	384	0	0	0	0	0	0	166	94	0	260	49	160	0	0	209	0	853	853
05:30 PM	21	388	24	0	433	0	0	0	0	0	0	152	116	0	268	48	193	0	0	241	0	942	942
05:45 PM	28	373	23	0	424	0	0	0	0	0	0	124	96	0	220	53	148	0	0	201	0	845	845
Total	92	1462	74	0	1628	0	0	0	0	0	0	557	420	0	977	202	675	0	0	877	0	3482	3482
Grand Total	189	2962	133	2	3284	0	0	0	0	0	0	1140	808	2	1948	418	1287	1	1	1706	5	6938	6943
Apprch %	5.8	90.2	4			0	0	0			0	58.5	41.5			24.5	75.4	0.1					
Total %	2.7	42.7	1.9		47.3	0	0	0		0	0	16.4	11.6		28.1	6	18.6	0		24.6	0.1	99.9	
Unshifted	184	2935	122		3241	0	0	0		0	0	1108	735		1843	414	1263	1		1679	0	0	6763
% Unshifted	97.4	99.1	91.7	0	98.6	0	0	0	0	0	0	97.2	91	0	94.5	99	98.1	100	100	98.4	0	0	97.4
HV	5	27	11		45	0	0	0		0	0	32	73		107	4	24	0		28	0	0	180
% HV	2.6	0.9	8.3	100	1.4	0	0	0	0	0	0	2.8	9	100	5.5	1	1.9	0	0	1.6	0	0	2.6



Traffic Planning & Design, Inc.

2500 East High Street
Pottstown, PA 19464
Broad Street & EB Vine Street

Counter: 19
Counted by: F. Montgomery
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File Name : 2012-09-21 FRIBNV
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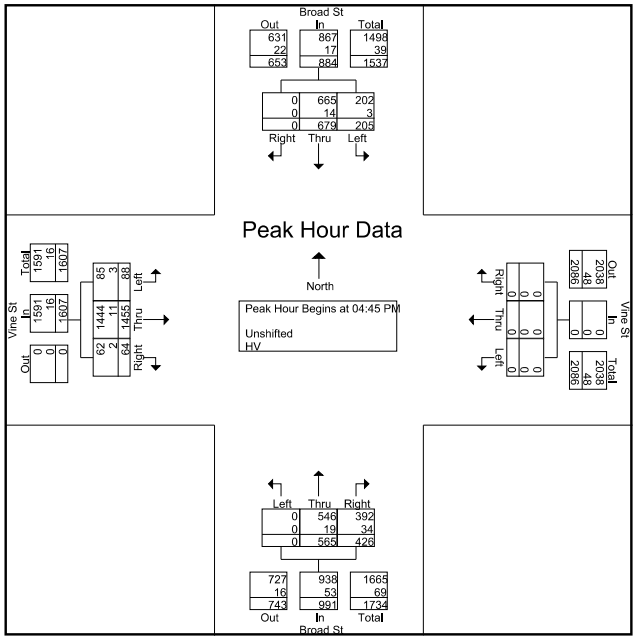
Page No : 2

	Vine St Eastbound				Vine St Westbound				Broad St Northbound				Broad St Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**24**	366	13	403	0	0	0	0	0	132	102	234	**56**	152	0	208	845
05:00 PM	24	345	18	387	0	0	0	0	0	115	114	229	52	174	0	226	842
05:15 PM	19	356	9	384	0	0	0	0	0	**166**	94	260	49	160	0	209	853
05:30 PM	21	**388**	**24**	**433**	0	0	0	0	0	152	**116**	**268**	48	**193**	0	**241**	**942**
Total Volume	88	1455	64	1607	0	0	0	0	0	565	426	991	205	679	0	884	3482
% App. Total	5.5	90.5	4		0	0	0		0	57	43		23.2	76.8	0		
PHF	.917	.938	.667	.928	.000	.000	.000	.000	.000	.851	.918	.924	.915	.880	.000	.917	.924
Unshifted	85	1444	62	1591	0	0	0	0	0	546	392	938	202	665	0	867	3396
% Unshifted	96.6	99.2	96.9	99.0	0	0	0	0	0	96.6	92.0	94.7	98.5	97.9	0	98.1	97.5
HV	3	11	2	16	0	0	0	0	0	19	34	53	3	14	0	17	86
% HV	3.4	0.8	3.1	1.0	0	0	0	0	0	3.4	8.0	5.3	1.5	2.1	0	1.9	2.5



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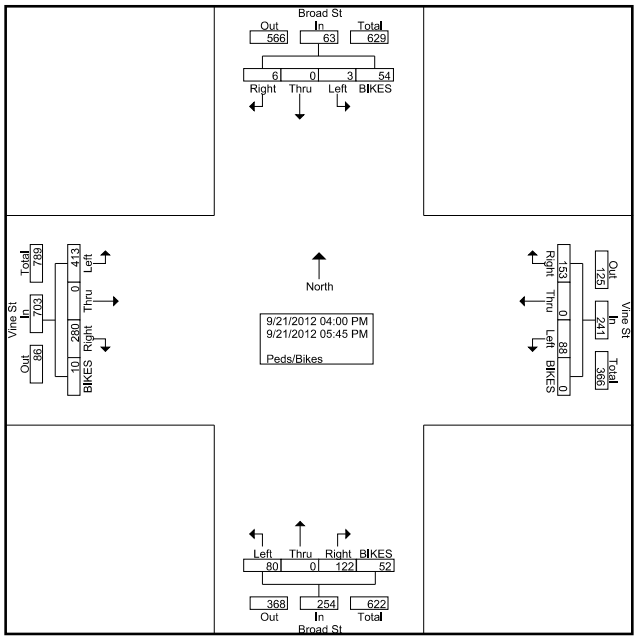
Groups Printed- Peds/Bikes

	Broad St Northbound					Broad St Southbound					Vine St Eastbound					Vine St Westbound					
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Int. Total
04:00 PM	13	0	14	1	28	1	0	0	7	8	87	0	56	2	145	7	0	12	0	19	200
04:15 PM	8	0	16	6	30	0	0	2	3	5	39	0	32	0	71	24	0	30	0	54	160
04:30 PM	16	0	21	5	42	1	0	1	4	6	42	0	29	0	71	4	0	19	0	23	142
04:45 PM	11	0	11	4	26	0	0	1	6	7	48	0	33	5	86	10	0	17	0	27	146
Total	48	0	62	16	126	2	0	4	20	26	216	0	150	7	373	45	0	78	0	123	648
05:00 PM	17	0	22	13	52	0	0	0	7	7	52	0	33	1	86	11	0	21	0	32	177
05:15 PM	5	0	12	8	25	0	0	0	7	7	52	0	37	1	90	14	0	17	0	31	153
05:30 PM	5	0	17	7	29	1	0	2	11	14	62	0	26	0	88	11	0	21	0	32	163
05:45 PM	5	0	9	8	22	0	0	0	9	9	31	0	34	1	66	7	0	16	0	23	120
Total	32	0	60	36	128	1	0	2	34	37	197	0	130	3	330	43	0	75	0	118	613
Grand Total	80	0	122	52	254	3	0	6	54	63	413	0	280	10	703	88	0	153	0	241	1261
Apprch %	31.5	0	48	20.5		4.8	0	9.5	85.7		58.7	0	39.8	1.4		36.5	0	63.5	0		
Total %	6.3	0	9.7	4.1	20.1	0.2	0	0.5	4.3	5	32.8	0	22.2	0.8	55.7	7	0	12.1	0	19.1	



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Broad Street and EB Vine Street

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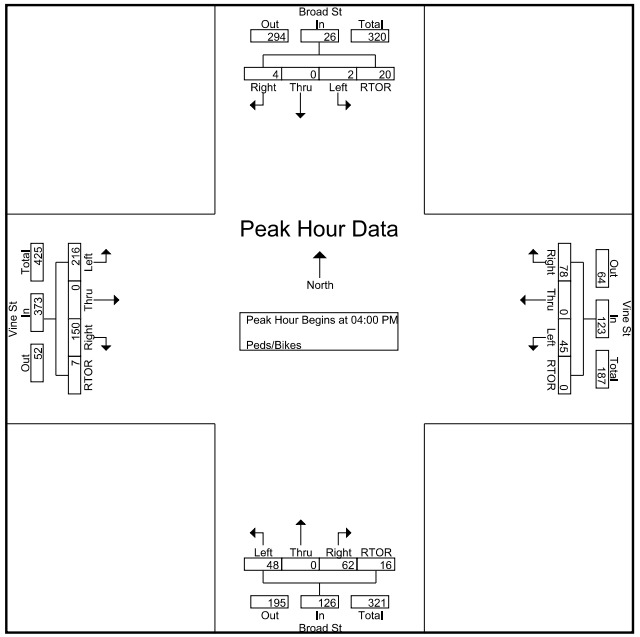
	Broad St Northbound					Broad St Southbound					Vine St Eastbound					Vine St Westbound					
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	13	0	14	1	28	**1**	0	0	**7**	**8**	**87**	0	**56**	2	**145**	7	0	12	0	19	**200**
04:15 PM	8	0	16	**6**	30	0	0	**2**	3	5	39	0	32	0	71	**24**	0	**30**	0	**54**	160
04:30 PM	**16**	0	**21**	5	**42**	1	0	1	4	6	42	0	29	0	71	4	0	19	0	23	142
04:45 PM	11	0	11	4	26	0	0	1	6	7	48	0	33	**5**	86	10	0	17	0	27	146
Total Volume	48	0	62	16	126	2	0	4	20	26	216	0	150	7	373	45	0	78	0	123	648
% App. Total	38.1	0	49.2	12.7		7.7	0	15.4	76.9		57.9	0	40.2	1.9		36.6	0	63.4	0		
PHF	.750	.000	.738	.667	.750	.500	.000	.500	.714	.813	.621	.000	.670	.350	.643	.469	.000	.650	.000	.569	.810



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

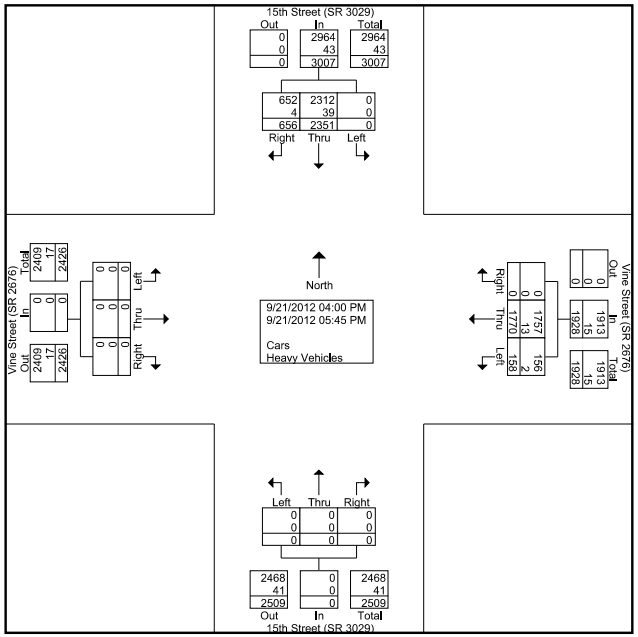
15th Street (SB) & Vine Street (WB)

Counter #: 14
Counted By: J. Wolfinger
Weather: Sunny
2012-09-21 FRI 15th VS-north

File Name : 2012-09-21 FRI 15th Vine-North
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Cars - Heavy Vehicles

	Vine Street (SR 2676) Eastbound					Vine Street (SR 2676) Westbound					15th Street (SR 3029) Northbound					15th Street (SR 3029) Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	0	0	0	0	0	12	214	0	0	226	0	0	0	0	0	0	305	88	6	393	6	619	625
04:15 PM	0	0	0	0	0	25	223	0	0	248	0	0	0	0	0	0	330	77	1	407	1	655	656
04:30 PM	0	0	0	0	0	21	254	0	0	275	0	0	0	0	0	0	282	76	4	358	4	633	637
04:45 PM	0	0	0	0	0	19	228	0	0	247	0	0	0	0	0	0	274	94	3	368	3	615	618
Total	0	0	0	0	0	77	919	0	0	996	0	0	0	0	0	0	1191	335	14	1526	14	2522	2536
05:00 PM	0	0	0	0	0	16	213	0	0	229	0	0	0	0	0	0	295	88	10	383	10	612	622
05:15 PM	0	0	0	0	0	32	240	0	0	272	0	0	0	0	0	0	299	81	4	380	4	652	656
05:30 PM	0	0	0	0	0	17	219	0	0	236	0	0	0	0	0	0	297	73	3	370	3	606	609
05:45 PM	0	0	0	0	0	16	179	0	0	195	0	0	0	0	0	0	269	79	10	348	10	543	553
Total	0	0	0	0	0	81	851	0	0	932	0	0	0	0	0	0	1160	321	27	1481	27	2413	2440
Grand Total	0	0	0	0	0	158	1770	0	0	1928	0	0	0	0	0	0	2351	656	41	3007	41	4935	4976
Apprch %	0	0	0			8.2	91.8	0			0	0	0			0	78.2	21.8					
Total %	0	0	0		0	3.2	35.9	0		39.1	0	0	0		0	0	47.6	13.3		60.9	0.8	99.2	
Cars	0	0	0		0	156	1757	0		1913	0	0	0		0	0	2312	652		3005	0	0	4918
% Cars	0	0	0	0	0	98.7	99.3	0	0	99.2	0	0	0	0	0	0	98.3	99.4	100	98.6	0	0	98.8
Heavy Vehicles	0	0	0		0	2	13	0		15	0	0	0		0	0	39	4		43	0	0	58
% Heavy Vehicles	0	0	0	0	0	1.3	0.7	0	0	0.8	0	0	0	0	0	0	1.7	0.6	0	1.4	0	0	1.2



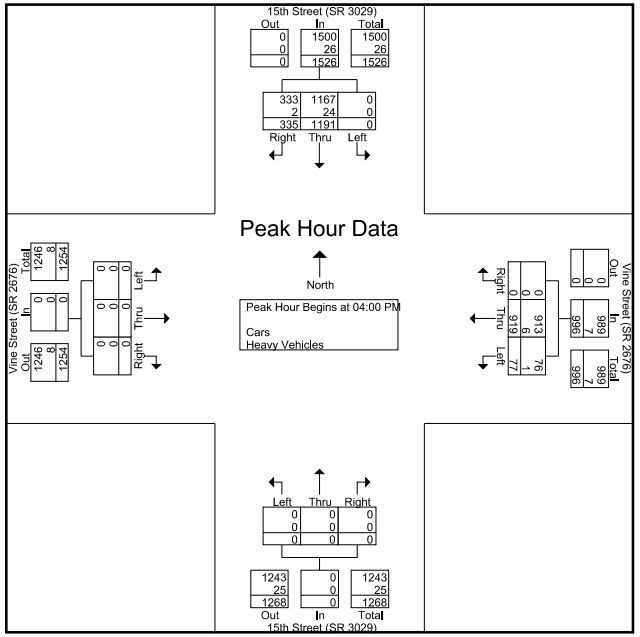
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

15th Street (SB) & Vine Street (WB)

Counter #: 14
Counted By: J. Wolfinger
Weather: Sunny
2012-09-21 FRI 15th VS-north

File Name : 2012-09-21 FRI 15th Vine-North
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Vine Street (SR 2676) Eastbound				Vine Street (SR 2676) Westbound				15th Street (SR 3029) Northbound				15th Street (SR 3029) Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	12	214	0	226	0	0	0	0	0	305	88	393	619
04:15 PM	0	0	0	0	**25**	223	0	248	0	0	0	0	0	**330**	77	**407**	**655**
04:30 PM	0	0	0	0	21	**254**	0	**275**	0	0	0	0	0	282	76	358	633
04:45 PM	0	0	0	0	19	228	0	247	0	0	0	0	0	274	**94**	368	615
Total Volume	0	0	0	0	77	919	0	996	0	0	0	0	0	1191	335	1526	2522
% App. Total	0	0	0		7.7	92.3	0		0	0	0		0	78	22		
PHF	.000	.000	.000	.000	.770	.905	.000	.905	.000	.000	.000	.000	.000	.902	.891	.937	.963
Cars	0	0	0	0	76	913	0	989	0	0	0	0	0	1167	333	1500	2489
% Cars	0	0	0	0	98.7	99.3	0	99.3	0	0	0	0	0	98.0	99.4	98.3	98.7
Heavy Vehicles	0	0	0	0	1	6	0	7	0	0	0	0	0	24	2	26	33
% Heavy Vehicles	0	0	0	0	1.3	0.7	0	0.7	0	0	0	0	0	2.0	0.6	1.7	1.3



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

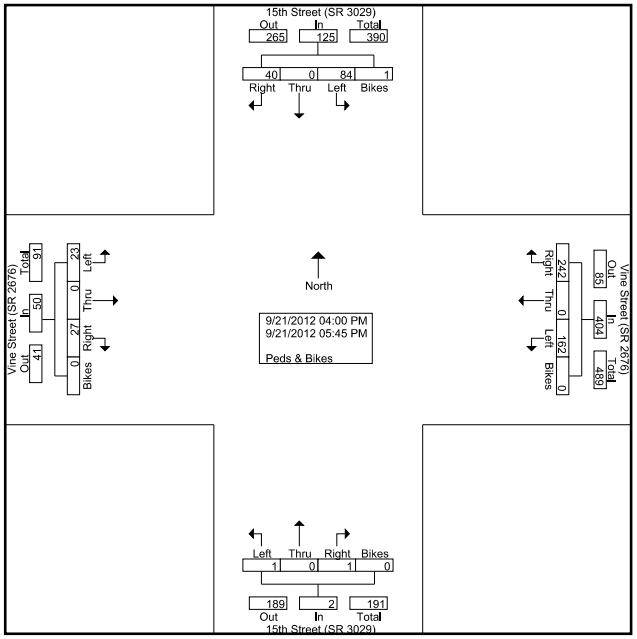
15th Street (SB) & Vine Street (WB)

Counter #: 14
Counted By: J. Wolfinger
Weather: Sunny
2012-09-21 FRI 15th VS-north

File Name : 2012-09-21 FRI 15th Vine-North
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Peds & Bikes

	Vine Street (SR 2676) Eastbound					Vine Street (SR 2676) Westbound					15th Street (SR 3029) Northbound					15th Street (SR 3029) Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	1	0	1	0	2	22	0	29	0	51	0	0	0	0	0	12	0	8	0	20	73
04:15 PM	2	0	2	0	4	27	0	31	0	58	0	0	0	0	0	19	0	3	1	23	85
04:30 PM	4	0	2	0	6	16	0	27	0	43	0	0	0	0	0	8	0	1	0	9	58
04:45 PM	2	0	9	0	11	20	0	34	0	54	0	0	0	0	0	4	0	7	0	11	76
Total	9	0	14	0	23	85	0	121	0	206	0	0	0	0	0	43	0	19	1	63	292
05:00 PM	5	0	4	0	9	22	0	34	0	56	0	0	0	0	0	10	0	1	0	11	76
05:15 PM	2	0	5	0	7	26	0	40	0	66	0	0	1	0	1	11	0	11	0	22	96
05:30 PM	5	0	2	0	7	16	0	25	0	41	1	0	0	0	1	10	0	5	0	15	64
05:45 PM	2	0	2	0	4	13	0	22	0	35	0	0	0	0	0	10	0	4	0	14	53
Total	14	0	13	0	27	77	0	121	0	198	1	0	1	0	2	41	0	21	0	62	289
Grand Total	23	0	27	0	50	162	0	242	0	404	1	0	1	0	2	84	0	40	1	125	581
Apprch %	46	0	54	0		40.1	0	59.9	0		50	0	50	0		67.2	0	32	0.8		
Total %	4	0	4.6	0	8.6	27.9	0	41.7	0	69.5	0.2	0	0.2	0	0.3	14.5	0	6.9	0.2	21.5	



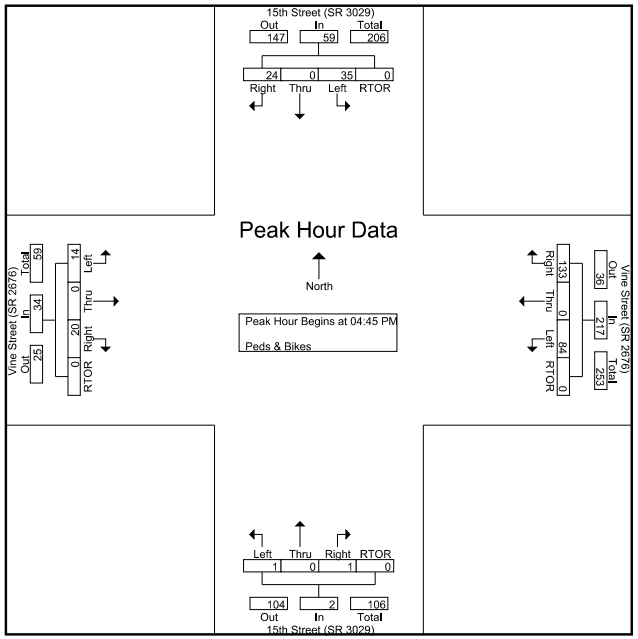
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

15th Street (SB) & Vine Street (WB)

Counter #: 14
Counted By: J. Wolfinger
Weather: Sunny
2012-09-21 FRI 15th VS-north

File Name : 2012-09-21 FRI 15th Vine-North
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Vine Street (SR 2676) Eastbound					Vine Street (SR 2676) Westbound					15th Street (SR 3029) Northbound					15th Street (SR 3029) Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	2	0	**9**	0	**11**	20	0	34	0	54	0	0	0	0	0	4	0	7	0	11	76
05:00 PM	**5**	0	4	0	9	22	0	34	0	56	0	0	0	0	0	10	0	1	0	11	76
05:15 PM	2	0	5	0	7	**26**	0	**40**	0	**66**	0	0	**1**	0	**1**	**11**	0	**11**	0	**22**	**96**
05:30 PM	5	0	2	0	7	16	0	25	0	41	**1**	0	0	0	1	10	0	5	0	15	64
Total Volume	14	0	20	0	34	84	0	133	0	217	1	0	1	0	2	35	0	24	0	59	312
% App. Total	41.2	0	58.8	0		38.7	0	61.3	0		50	0	50	0		59.3	0	40.7	0		
PHF	.700	.000	.556	.000	.773	.808	.000	.831	.000	.822	.250	.000	.250	.000	.500	.795	.000	.545	.000	.670	.813



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

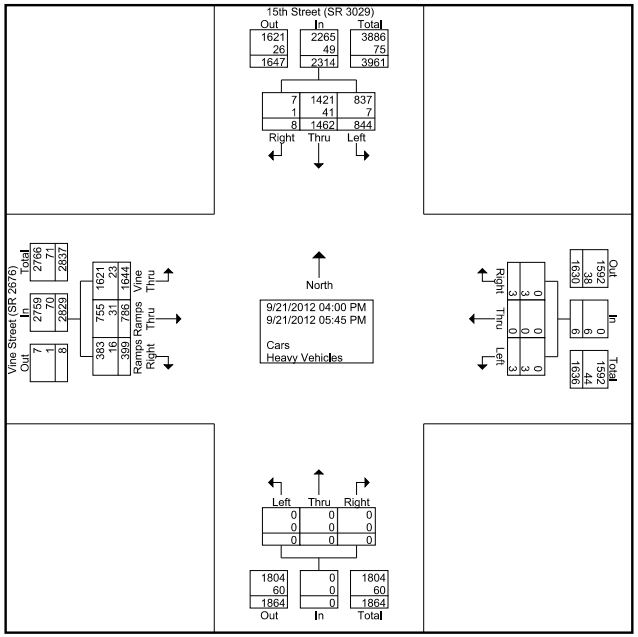
15th Street (SB) & Vine Street (EB) / Ramps

Counter #: 6
Counted By: J. Funk
Weather: Sunny
2012-09-21 FRI 15th VS South

File Name : 2012-09-21 FRI 15th Vine-South
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Cars - Heavy Vehicles

	Vine Street (SR 2676) Eastbound					Westbound					Northbound					15th Street (SR 3029) Southbound							
Start Time	Vine Thru	Ramps Thru	Ramps Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	210	121	51	0	382	0	0	0	0	0	0	0	0	0	0	111	209	0	0	320	0	702	702
04:15 PM	184	97	33	0	314	0	0	0	0	0	0	0	0	0	0	106	212	0	0	318	0	632	632
04:30 PM	206	83	42	0	331	0	0	0	0	0	0	0	0	0	0	105	157	4	0	266	0	597	597
04:45 PM	187	98	41	0	326	0	0	0	0	0	0	0	0	0	0	94	151	0	0	245	0	571	571
Total	787	399	167	0	1353	0	0	0	0	0	0	0	0	0	0	416	729	4	0	1149	0	2502	2502
05:00 PM	175	104	48	0	327	0	0	0	0	0	0	0	0	0	0	111	153	4	0	268	0	595	595
05:15 PM	234	76	41	0	351	0	0	0	0	0	0	0	0	0	0	119	218	0	0	337	0	688	688
05:30 PM	241	99	66	0	406	3	0	3	0	6	0	0	0	0	0	90	179	0	0	269	0	681	681
05:45 PM	207	108	77	0	392	0	0	0	0	0	0	0	0	0	0	108	183	0	0	291	0	683	683
Total	857	387	232	0	1476	3	0	3	0	6	0	0	0	0	0	428	733	4	0	1165	0	2647	2647
Grand Total	1644	786	399	0	2829	3	0	3	0	6	0	0	0	0	0	844	1462	8	0	2314	0	5149	5149
Apprch %	58.1	27.8	14.1			50	0	50			0	0	0			36.5	63.2	0.3					
Total %	31.9	15.3	7.7		54.9	0.1	0	0.1		0.1	0	0	0		0	16.4	28.4	0.2		44.9	0	100	
Cars	1621	755	383		2759	0	0	0		0	0	0	0		0	837	1421	7		2265	0	0	5024
% Cars	98.6	96.1	96	0	97.5	0	0	0	0	0	0	0	0	0	0	99.2	97.2	87.5	0	97.9	0	0	97.6
Heavy Vehicles	23	31	16		70	3	0	3		6	0	0	0		0	7	41	1		49	0	0	125
% Heavy Vehicles	1.4	3.9	4	0	2.5	100	0	100	0	100	0	0	0	0	0	0.8	2.8	12.5	0	2.1	0	0	2.4



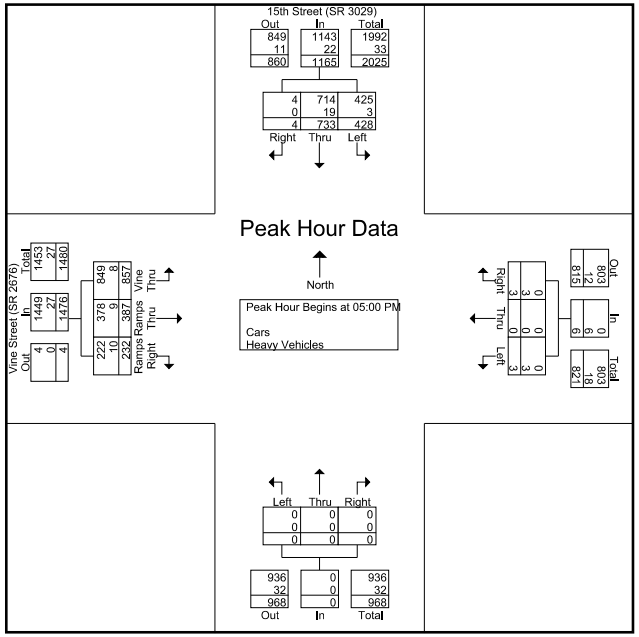
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

15th Street (SB) & Vine Street (EB) / Ramps

Counter #: 6
Counted By: J. Funk
Weather: Sunny
2012-09-21 FRI 15th VS South

File Name : 2012-09-21 FRI 15th Vine-South
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Vine Street (SR 2676) Eastbound				Westbound				Northbound				15th Street (SR 3029) Southbound				
Start Time	Vine Thru	Ramps Thru	Ramps Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	175	104	48	327	0	0	0	0	0	0	0	0	111	153	**4**	268	595
05:15 PM	234	76	41	351	0	0	0	0	0	0	0	0	**119**	**218**	0	**337**	**688**
05:30 PM	**241**	99	66	**406**	**3**	0	**3**	**6**	0	0	0	0	90	179	0	269	681
05:45 PM	207	**108**	**77**	392	0	0	0	0	0	0	0	0	108	183	0	291	683
Total Volume	857	387	232	1476	3	0	3	6	0	0	0	0	428	733	4	1165	2647
% App. Total	58.1	26.2	15.7		50	0	50		0	0	0		36.7	62.9	0.3		
PHF	.889	.896	.753	.909	.250	.000	.250	.250	.000	.000	.000	.000	.899	.841	.250	.864	.962
Cars	849	378	222	1449	0	0	0	0	0	0	0	0	425	714	4	1143	2592
% Cars	99.1	97.7	95.7	98.2	0	0	0	0	0	0	0	0	99.3	97.4	100	98.1	97.9
Heavy Vehicles	8	9	10	27	3	0	3	6	0	0	0	0	3	19	0	22	55
% Heavy Vehicles	0.9	2.3	4.3	1.8	100	0	100	100	0	0	0	0	0.7	2.6	0	1.9	2.1



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

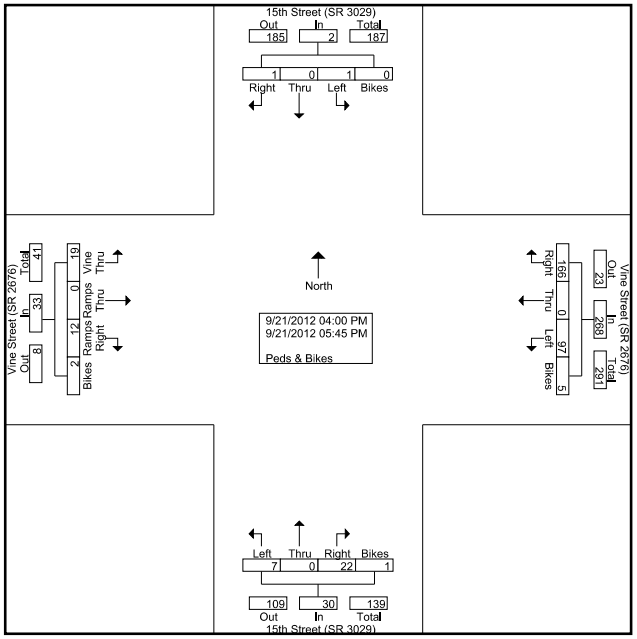
15th Street (SB) & Vine Street (EB) / Ramps

Counter #: 6
Counted By: J. Funk
Weather: Sunny
2012-09-21 FRI 15th VS South

File Name : 2012-09-21 FRI 15th Vine-South
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Peds & Bikes

	Vine Street (SR 2676) Eastbound					Vine Street (SR 2676) Westbound					15th Street (SR 3029) Northbound					15th Street (SR 3029) Southbound					
Start Time	Vine Thru	Ramps Thru	Ramps Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	0	0	0	1	1	23	0	23	0	46	1	0	0	0	1	0	0	0	0	0	48
04:15 PM	2	0	1	0	3	17	0	19	2	38	0	0	1	1	2	0	0	0	0	0	43
04:30 PM	0	0	3	0	3	8	0	19	0	27	1	0	1	0	2	0	0	1	0	1	33
04:45 PM	3	0	4	1	8	10	0	23	0	33	0	0	3	0	3	0	0	0	0	0	44
Total	5	0	8	2	15	58	0	84	2	144	2	0	5	1	8	0	0	1	0	1	168
05:00 PM	5	0	2	0	7	13	0	23	0	36	1	0	10	0	11	0	0	0	0	0	54
05:15 PM	1	0	0	0	1	11	0	24	2	37	0	0	3	0	3	1	0	0	0	1	42
05:30 PM	4	0	0	0	4	11	0	17	0	28	0	0	2	0	2	0	0	0	0	0	34
05:45 PM	4	0	2	0	6	4	0	18	1	23	4	0	2	0	6	0	0	0	0	0	35
Total	14	0	4	0	18	39	0	82	3	124	5	0	17	0	22	1	0	0	0	1	165
Grand Total	19	0	12	2	33	97	0	166	5	268	7	0	22	1	30	1	0	1	0	2	333
Apprch %	57.6	0	36.4	6.1		36.2	0	61.9	1.9		23.3	0	73.3	3.3		50	0	50	0		
Total %	5.7	0	3.6	0.6	9.9	29.1	0	49.8	1.5	80.5	2.1	0	6.6	0.3	9	0.3	0	0.3	0	0.6	



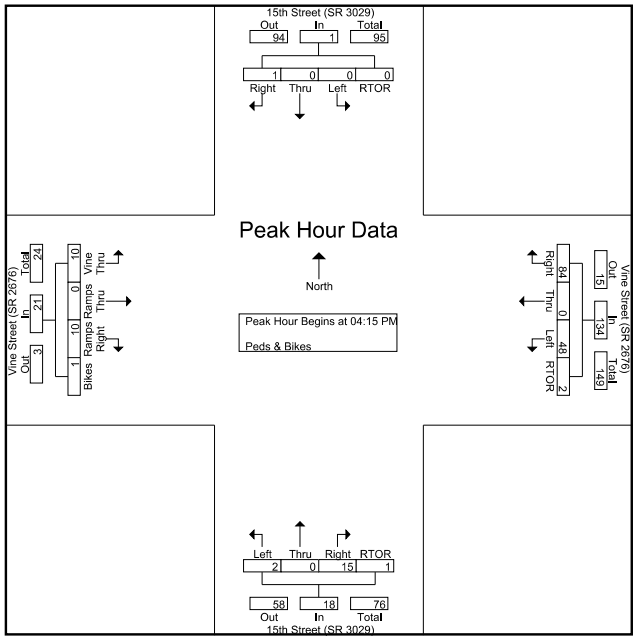
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

15th Street (SB) & Vine Street (EB) / Ramps

Counter #: 6
Counted By: J. Funk
Weather: Sunny
2012-09-21 FRI 15th VS South

File Name : 2012-09-21 FRI 15th Vine-South
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Vine Street (SR 2676) Eastbound					Vine Street (SR 2676) Westbound					15th Street (SR 3029) Northbound					15th Street (SR 3029) Southbound					
Start Time	Vine Thru	Ramps Thru	Ramps Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	2	0	1	0	3	**17**	0	19	**2**	**38**	0	0	1	**1**	2	0	0	0	0	0	43
04:30 PM	0	0	3	0	3	8	0	19	0	27	**1**	0	1	0	2	0	0	**1**	0	**1**	33
04:45 PM	3	0	**4**	**1**	**8**	10	0	**23**	0	33	0	0	3	0	3	0	0	0	0	0	44
05:00 PM	**5**	0	2	0	7	13	0	23	0	36	1	0	**10**	0	**11**	0	0	0	0	0	**54**
Total Volume	10	0	10	1	21	48	0	84	2	134	2	0	15	1	18	0	0	1	0	1	174
% App. Total	47.6	0	47.6	4.8		35.8	0	62.7	1.5		11.1	0	83.3	5.6		0	0	100	0		
PHF	.500	.000	.625	.250	.656	.706	.000	.913	.250	.882	.500	.000	.375	.250	.409	.000	.000	.250	.000	.250	.806



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

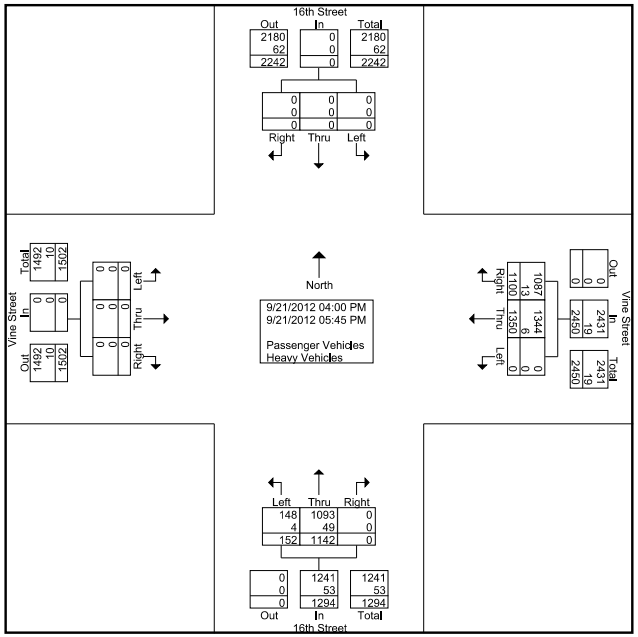
Vine Street and 16th Street (North)

Counter: PTO 18
Counted by: BP
Weather: Clear
Saved as: 2012-09-21 PMVS16

File Name : 2012-09-21 PMVS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	16th Street Northbound					16th Street Southbound					Vine Street Eastbound					Vine Street Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	21	153	0	0	174	0	0	0	0	0	0	0	0	0	0	0	187	149	1	336	1	510	511
04:15 PM	16	157	0	0	173	0	0	0	0	0	0	0	0	0	0	0	151	145	3	296	3	469	472
04:30 PM	12	135	0	0	147	0	0	0	0	0	0	0	0	0	0	0	191	132	1	323	1	470	471
04:45 PM	22	144	0	0	166	0	0	0	0	0	0	0	0	0	0	0	205	125	0	330	0	496	496
Total	71	589	0	0	660	0	0	0	0	0	0	0	0	0	0	0	734	551	5	1285	5	1945	1950
05:00 PM	24	129	0	0	153	0	0	0	0	0	0	0	0	0	0	0	157	128	0	285	0	438	438
05:15 PM	13	163	0	0	176	0	0	0	0	0	0	0	0	0	0	0	181	151	0	332	0	508	508
05:30 PM	24	140	0	0	164	0	0	0	0	0	0	0	0	0	0	0	144	144	4	288	4	452	456
05:45 PM	20	121	0	0	141	0	0	0	0	0	0	0	0	0	0	0	134	126	2	260	2	401	403
Total	81	553	0	0	634	0	0	0	0	0	0	0	0	0	0	0	616	549	6	1165	6	1799	1805
Grand Total	152	1142	0	0	1294	0	0	0	0	0	0	0	0	0	0	0	1350	1100	11	2450	11	3744	3755
Apprch %	11.7	88.3	0			0	0	0			0	0	0			0	55.1	44.9					
Total %	4.1	30.5	0		34.6	0	0	0		0	0	0	0		0	0	36.1	29.4		65.4	0.3	99.7	
Passenger Vehicles	148	1093	0		1241	0	0	0		0	0	0	0		0	0	1344	1087		2440	0	0	3681
% Passenger Vehicles	97.4	95.7	0	0	95.9	0	0	0	0	0	0	0	0	0	0	0	99.6	98.8	81.8	99.1	0	0	98
Heavy Vehicles	4	49	0		53	0	0	0		0	0	0	0		0	0	6	13		21	0	0	74
% Heavy Vehicles	2.6	4.3	0	0	4.1	0	0	0	0	0	0	0	0	0	0	0	0.4	1.2	18.2	0.9	0	0	2



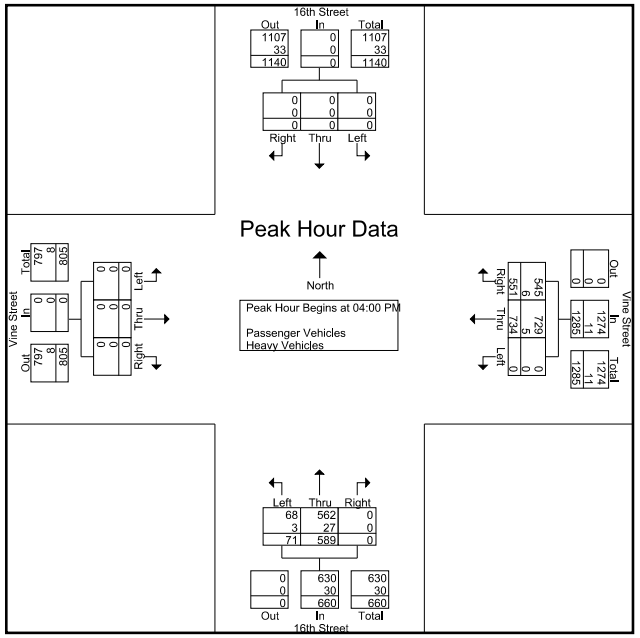
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Vine Street and 16th Street (North)

Counter: PTO 18
Counted by: BP
Weather: Clear
Saved as: 2012-09-21 PMVS16

File Name : 2012-09-21 PMVS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	16th Street Northbound				16th Street Southbound				Vine Street Eastbound				Vine Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	21	153	0	**174**	0	0	0	0	0	0	0	0	0	187	**149**	**336**	**510**
04:15 PM	16	**157**	0	173	0	0	0	0	0	0	0	0	0	151	145	296	469
04:30 PM	12	135	0	147	0	0	0	0	0	0	0	0	0	191	132	323	470
04:45 PM	**22**	144	0	166	0	0	0	0	0	0	0	0	0	**205**	125	330	496
Total Volume	71	589	0	660	0	0	0	0	0	0	0	0	0	734	551	1285	1945
% App. Total	10.8	89.2	0		0	0	0		0	0	0		0	57.1	42.9		
PHF	.807	.938	.000	.948	.000	.000	.000	.000	.000	.000	.000	.000	.000	.895	.924	.956	.953
Passenger Vehicles	68	562	0	630	0	0	0	0	0	0	0	0	0	729	545	1274	1904
% Passenger Vehicles	95.8	95.4	0	95.5	0	0	0	0	0	0	0	0	0	99.3	98.9	99.1	97.9
Heavy Vehicles	3	27	0	30	0	0	0	0	0	0	0	0	0	5	6	11	41
% Heavy Vehicles	4.2	4.6	0	4.5	0	0	0	0	0	0	0	0	0	0.7	1.1	0.9	2.1



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

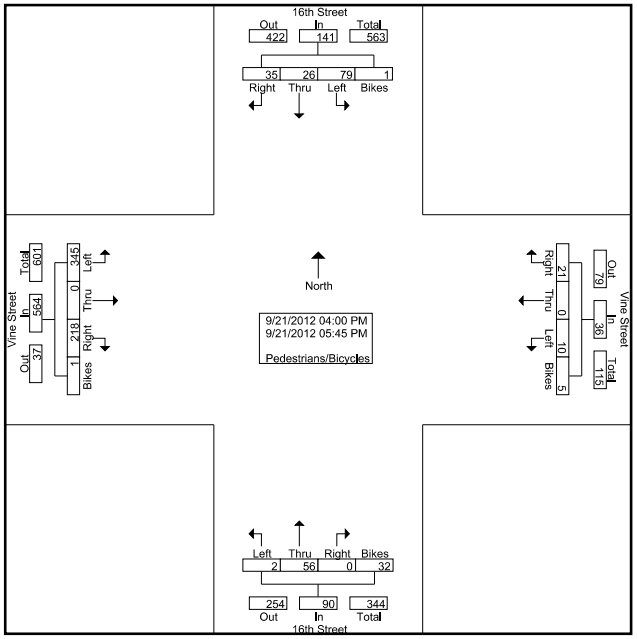
16th Street & Vine Street

Counter: PTO 18
Counted by: BP
Weather: Clear
Saved as: 2012-09-21 PMVS16

File Name : #5 - 2012-09-21 PMVS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	Vine Street Eastbound					Vine Street Westbound					16th Street Northbound					16th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	51	0	30	0	81	3	0	2	2	7	0	9	0	3	12	11	6	8	0	25	125
04:15 PM	47	0	24	0	71	1	0	2	0	3	2	15	0	3	20	15	2	3	0	20	114
04:30 PM	41	0	49	0	90	0	0	5	0	5	0	4	0	4	8	5	2	3	0	10	113
04:45 PM	49	0	20	0	69	1	0	2	1	4	0	3	0	2	5	8	2	4	0	14	92
Total	188	0	123	0	311	5	0	11	3	19	2	31	0	12	45	39	12	18	0	69	444
05:00 PM	54	0	29	0	83	0	0	5	1	6	0	8	0	5	13	10	2	5	0	17	119
05:15 PM	42	0	23	0	65	3	0	3	0	6	0	7	0	5	12	5	6	3	0	14	97
05:30 PM	38	0	30	0	68	1	0	2	1	4	0	8	0	7	15	12	5	8	1	26	113
05:45 PM	23	0	13	1	37	1	0	0	0	1	0	2	0	3	5	13	1	1	0	15	58
Total	157	0	95	1	253	5	0	10	2	17	0	25	0	20	45	40	14	17	1	72	387
Grand Total	345	0	218	1	564	10	0	21	5	36	2	56	0	32	90	79	26	35	1	141	831
Apprch %	61.2	0	38.7	0.2		27.8	0	58.3	13.9		2.2	62.2	0	35.6		56	18.4	24.8	0.7		
Total %	41.5	0	26.2	0.1	67.9	1.2	0	2.5	0.6	4.3	0.2	6.7	0	3.9	10.8	9.5	3.1	4.2	0.1	17	



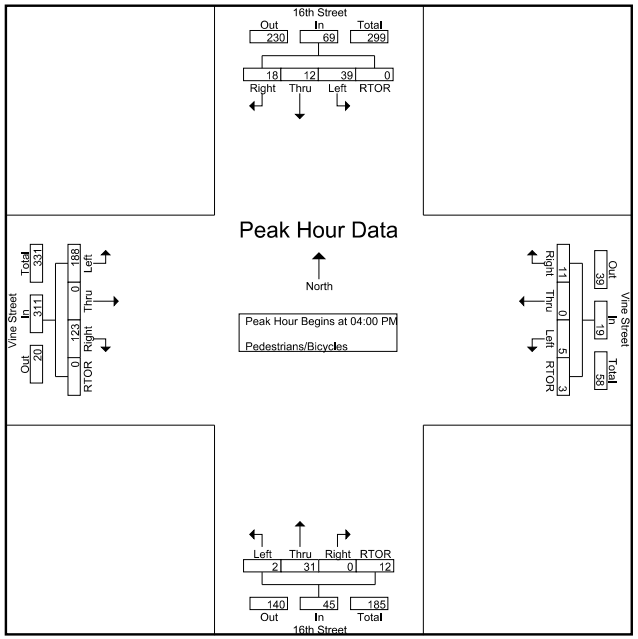
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

16th Street & Vine Street

Counter: PTO 18
Counted by: BP
Weather: Clear
Saved as: 2012-09-21 PMVS16

File Name : #5 - 2012-09-21 PMVS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Vine Street Eastbound					Vine Street Westbound					16th Street Northbound					16th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	**51**	0	30	0	81	**3**	0	2	**2**	**7**	0	9	0	3	12	11	**6**	**8**	0	**25**	**125**
04:15 PM	47	0	24	0	71	1	0	2	0	3	**2**	**15**	0	3	**20**	**15**	2	3	0	20	114
04:30 PM	41	0	**49**	0	**90**	0	0	**5**	0	5	0	4	0	**4**	8	5	2	3	0	10	113
04:45 PM	49	0	20	0	69	1	0	2	1	4	0	3	0	2	5	8	2	4	0	14	92
Total Volume	188	0	123	0	311	5	0	11	3	19	2	31	0	12	45	39	12	18	0	69	444
% App. Total	60.5	0	39.5	0		26.3	0	57.9	15.8		4.4	68.9	0	26.7		56.5	17.4	26.1	0		
PHF	.922	.000	.628	.000	.864	.417	.000	.550	.375	.679	.250	.517	.000	.750	.563	.650	.500	.563	.000	.690	.888



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

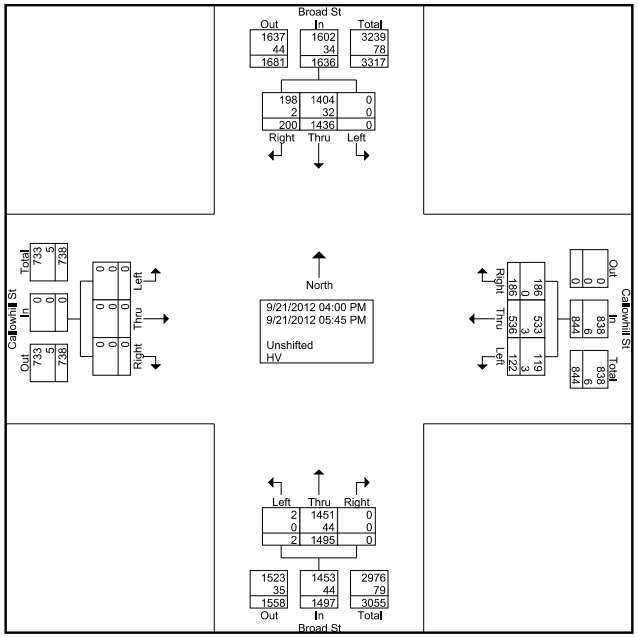
Broad Street and Callowhill Street

Counter: 13
Counted by: D. Little
Weather: Clear
Saved as: 2012-09-21 FRIBC

File Name : 2012-09-21 FRIBC
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Unshifted - HV

	Broad St Northbound					Broad St Southbound					Callowhill St Eastbound					Callowhill St Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	1	186	0	0	187	0	148	44	0	192	0	0	0	0	0	17	74	21	0	96	0	475	475
04:15 PM	0	199	0	0	199	0	172	32	0	204	0	0	0	0	0	13	74	27	2	114	2	517	519
04:30 PM	0	180	0	0	180	0	192	30	0	222	0	0	0	0	0	18	80	28	0	126	0	528	528
04:45 PM	0	179	0	0	179	0	172	25	0	197	0	0	0	0	0	15	69	14	1	98	1	474	475
Total	1	744	0	0	745	0	684	131	0	815	0	0	0	0	0	63	281	90	3	434	3	1994	1997
05:00 PM	0	162	0	0	162	0	194	18	1	212	0	0	0	0	0	14	74	16	0	104	1	478	479
05:15 PM	1	221	0	0	222	0	184	16	0	200	0	0	0	0	0	22	61	23	0	106	0	528	528
05:30 PM	0	206	0	0	206	0	222	19	0	241	0	0	0	0	0	9	69	34	1	112	1	559	560
05:45 PM	0	162	0	0	162	0	152	16	0	168	0	0	0	0	0	14	51	23	0	88	0	418	418
Total	1	751	0	0	752	0	752	69	1	821	0	0	0	0	0	59	255	96	1	410	2	1983	1985
Grand Total	2	1495	0	0	1497	0	1436	200	1	1636	0	0	0	0	0	122	536	186	4	844	5	3977	3982
Apprch %	0.1	99.9	0			0	87.8	12.2			0	0	0			14.5	63.5	22					
Total %	0.1	37.6	0		37.6	0	36.1	5		41.1	0	0	0		0	3.1	13.5	4.7		21.2	0.1	99.9	
Unshifted	2	1451	0		1453	0	1404	198		1603	0	0	0		0	119	533	186		842	0	0	3898
% Unshifted	100	97.1	0	0	97.1	0	97.8	99	100	97.9	0	0	0	0	0	97.5	99.4	100	100	99.3	0	0	97.9
HV	0	44	0		44	0	32	2		34	0	0	0		0	3	3	0		6	0	0	84
% HV	0	2.9	0	0	2.9	0	2.2	1	0	2.1	0	0	0	0	0	2.5	0.6	0	0	0.7	0	0	2.1



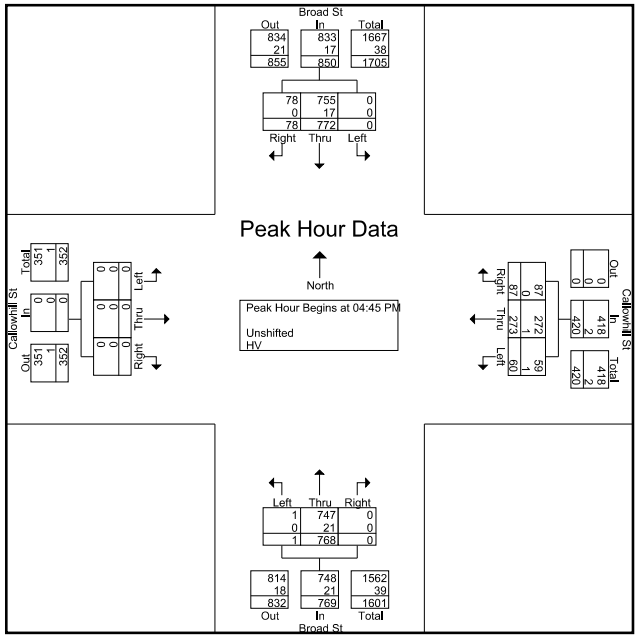
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Broad Street and Callowhill Street

Counter: 13
Counted by: D. Little
Weather: Clear
Saved as: 2012-09-21 FRIBC

File Name : 2012-09-21 FRIBC
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Broad St Northbound				Broad St Southbound				Callowhill St Eastbound				Callowhill St Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	179	0	179	0	172	**25**	197	0	0	0	0	15	69	14	98	474
05:00 PM	0	162	0	162	0	194	18	212	0	0	0	0	14	**74**	16	104	478
05:15 PM	**1**	**221**	0	**222**	0	184	16	200	0	0	0	0	**22**	61	23	106	528
05:30 PM	0	206	0	206	0	**222**	19	**241**	0	0	0	0	9	69	**34**	**112**	**559**
Total Volume	1	768	0	769	0	772	78	850	0	0	0	0	60	273	87	420	2039
% App. Total	0.1	99.9	0		0	90.8	9.2		0	0	0		14.3	65	20.7		
PHF	.250	.869	.000	.866	.000	.869	.780	.882	.000	.000	.000	.000	.682	.922	.640	.938	.912
Unshifted	1	747	0	748	0	755	78	833	0	0	0	0	59	272	87	418	1999
% Unshifted	100	97.3	0	97.3	0	97.8	100	98.0	0	0	0	0	98.3	99.6	100	99.5	98.0
HV	0	21	0	21	0	17	0	17	0	0	0	0	1	1	0	2	40
% HV	0	2.7	0	2.7	0	2.2	0	2.0	0	0	0	0	1.7	0.4	0	0.5	2.0



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

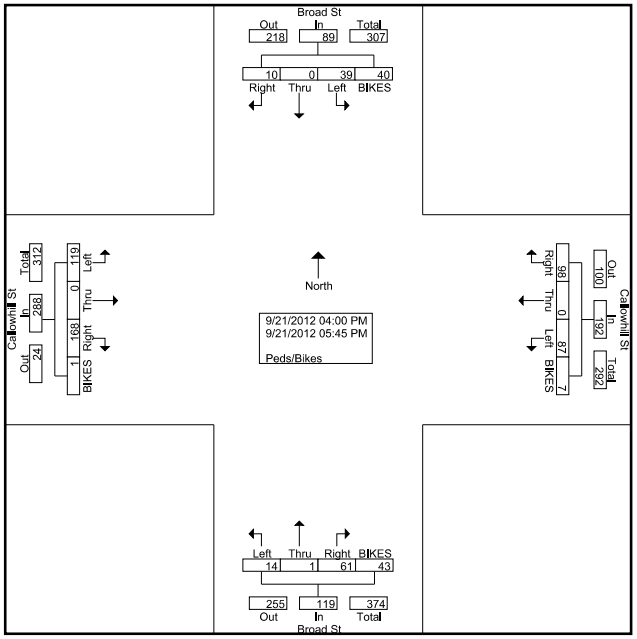
Broad Street & Callowhill Street

Counter: 13
Counted by: D. Little
Weather: Clear
Saved as: 2012-09-21 FRIBC

File Name : 2012-09-21 FRIBC
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Peds/Bikes

	Callowhill St Eastbound					Callowhill St Westbound					Broad St Northbound					Broad St Southbound					
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Int. Total
04:00 PM	14	0	27	0	41	14	0	10	0	24	1	0	3	2	6	4	0	2	8	14	85
04:15 PM	18	0	18	1	37	16	0	9	1	26	1	0	9	2	12	1	0	2	2	5	80
04:30 PM	15	0	17	0	32	11	0	17	1	29	0	0	8	3	11	18	0	1	4	23	95
04:45 PM	13	0	23	0	36	9	0	9	1	19	2	0	8	7	17	3	0	0	4	7	79
Total	60	0	85	1	146	50	0	45	3	98	4	0	28	14	46	26	0	5	18	49	339
05:00 PM	17	0	23	0	40	9	0	12	0	21	5	0	8	10	23	3	0	2	5	10	94
05:15 PM	13	0	27	0	40	13	0	9	3	25	1	0	11	6	18	3	0	2	8	13	96
05:30 PM	16	0	14	0	30	9	0	19	0	28	1	1	10	4	16	5	0	1	4	10	84
05:45 PM	13	0	19	0	32	6	0	13	1	20	3	0	4	9	16	2	0	0	5	7	75
Total	59	0	83	0	142	37	0	53	4	94	10	1	33	29	73	13	0	5	22	40	349
Grand Total	119	0	168	1	288	87	0	98	7	192	14	1	61	43	119	39	0	10	40	89	688
Apprch %	41.3	0	58.3	0.3		45.3	0	51	3.6		11.8	0.8	51.3	36.1		43.8	0	11.2	44.9		
Total %	17.3	0	24.4	0.1	41.9	12.6	0	14.2	1	27.9	2	0.1	8.9	6.2	17.3	5.7	0	1.5	5.8	12.9	



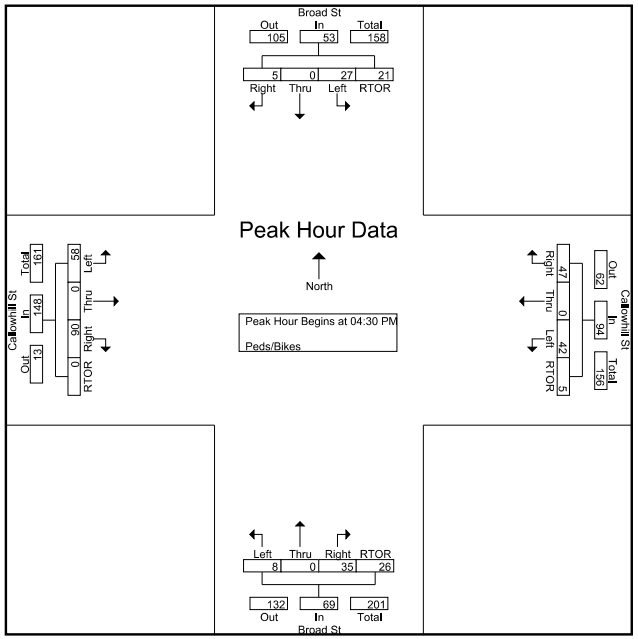
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

Broad Street & Callowhill Street

Counter: 13
Counted by: D. Little
Weather: Clear
Saved as: 2012-09-21 FRIBC

File Name : 2012-09-21 FRIBC
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Callowhill St Eastbound					Callowhill St Westbound					Broad St Northbound					Broad St Southbound					
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	15	0	17	0	32	11	0	**17**	1	**29**	0	0	8	3	11	**18**	0	1	4	**23**	95
04:45 PM	13	0	23	0	36	9	0	9	1	19	2	0	8	7	17	3	0	0	4	7	79
05:00 PM	**17**	0	23	0	**40**	9	0	12	0	21	**5**	0	8	**10**	**23**	3	0	**2**	5	10	94
05:15 PM	13	0	**27**	0	40	**13**	0	9	**3**	25	1	0	**11**	6	18	3	0	2	**8**	13	**96**
Total Volume	58	0	90	0	148	42	0	47	5	94	8	0	35	26	69	27	0	5	21	53	364
% App. Total	39.2	0	60.8	0		44.7	0	50	5.3		11.6	0	50.7	37.7		50.9	0	9.4	39.6		
PHF	.853	.000	.833	.000	.925	.808	.000	.691	.417	.810	.400	.000	.795	.650	.750	.375	.000	.625	.656	.576	.948



Traffic Planning & Design, Inc.

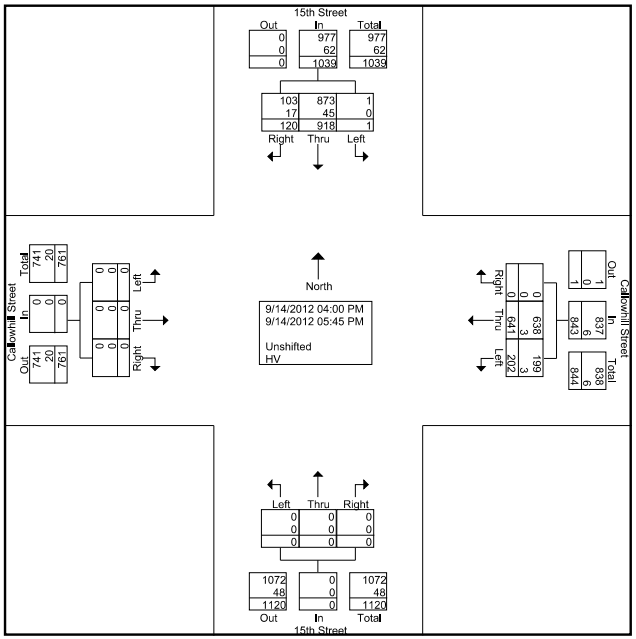
2500 East High Street
Pottstown, PA 19464
15th Street & Callowhill Street

Counter: 21
Counted by: N. Zipay
Weather: Sunny, Nice
Saved as: 2012-09-14 PM CH15

File Name : 2012-09-14 PM CS15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Unshifted - HV

	Callowhill Street Eastbound				Callowhill Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	43	92	0	135	0	0	0	0	0	120	15	135	270
04:15 PM	0	0	0	0	34	89	0	123	0	0	0	0	0	134	13	147	270
04:30 PM	0	0	0	0	32	88	0	120	0	0	0	0	0	130	16	146	266
04:45 PM	0	0	0	0	20	73	0	93	0	0	0	0	0	128	18	146	239
Total	0	0	0	0	129	342	0	471	0	0	0	0	0	512	62	574	1045
05:00 PM	0	0	0	0	28	82	0	110	0	0	0	0	1	106	16	123	233
05:15 PM	0	0	0	0	20	81	0	101	0	0	0	0	0	106	19	125	226
05:30 PM	0	0	0	0	10	74	0	84	0	0	0	0	0	99	10	109	193
05:45 PM	0	0	0	0	15	62	0	77	0	0	0	0	0	95	13	108	185
Total	0	0	0	0	73	299	0	372	0	0	0	0	1	406	58	465	837
Grand Total	0	0	0	0	202	641	0	843	0	0	0	0	1	918	120	1039	1882
Apprch %	0	0	0		24	76	0		0	0	0		0.1	88.4	11.5		
Total %	0	0	0	0	10.7	34.1	0	44.8	0	0	0	0	0.1	48.8	6.4	55.2	
Unshifted	0	0	0	0	199	638	0	837	0	0	0	0	1	873	103	977	1814
% Unshifted	0	0	0	0	98.5	99.5	0	99.3	0	0	0	0	100	95.1	85.8	94	96.4
HV	0	0	0	0	3	3	0	6	0	0	0	0	0	45	17	62	68
% HV	0	0	0	0	1.5	0.5	0	0.7	0	0	0	0	0	4.9	14.2	6	3.6



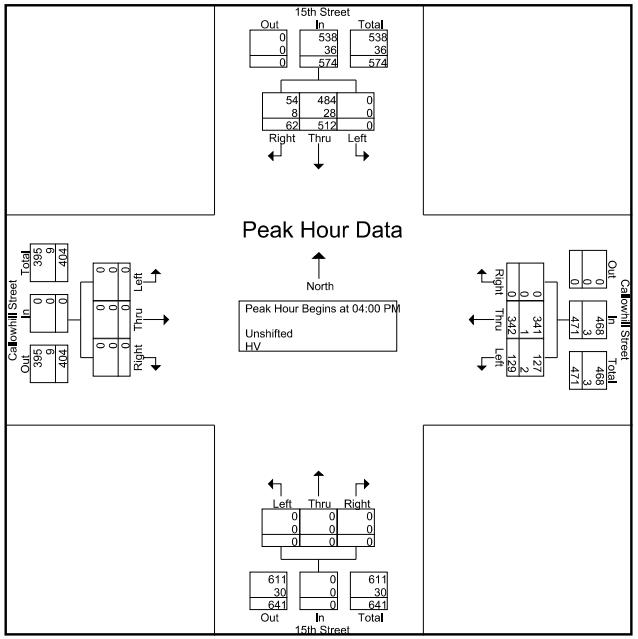
Traffic Planning & Design, Inc.

2500 East High Street
Pottstown, PA 19464
15th Street & Callowhill Street

Counter: 21
Counted by: N. Zipay
Weather: Sunny, Nice
Saved as: 2012-09-14 PM CH15

File Name : 2012-09-14 PM CS15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Callowhill Street Eastbound				Callowhill Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	**43**	**92**	0	**135**	0	0	0	0	0	120	15	135	**270**
04:15 PM	0	0	0	0	34	89	0	123	0	0	0	0	0	**134**	13	**147**	270
04:30 PM	0	0	0	0	32	88	0	120	0	0	0	0	0	130	16	146	266
04:45 PM	0	0	0	0	20	73	0	93	0	0	0	0	0	128	**18**	146	239
Total Volume	0	0	0	0	129	342	0	471	0	0	0	0	0	512	62	574	1045
% App. Total	0	0	0		27.4	72.6	0		0	0	0		0	89.2	10.8		
PHF	.000	.000	.000	.000	.750	.929	.000	.872	.000	.000	.000	.000	.000	.955	.861	.976	.968
Unshifted	0	0	0	0	127	341	0	468	0	0	0	0	0	484	54	538	1006
% Unshifted	0	0	0	0	98.4	99.7	0	99.4	0	0	0	0	0	94.5	87.1	93.7	96.3
HV	0	0	0	0	2	1	0	3	0	0	0	0	0	28	8	36	39
% HV	0	0	0	0	1.6	0.3	0	0.6	0	0	0	0	0	5.5	12.9	6.3	3.7



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

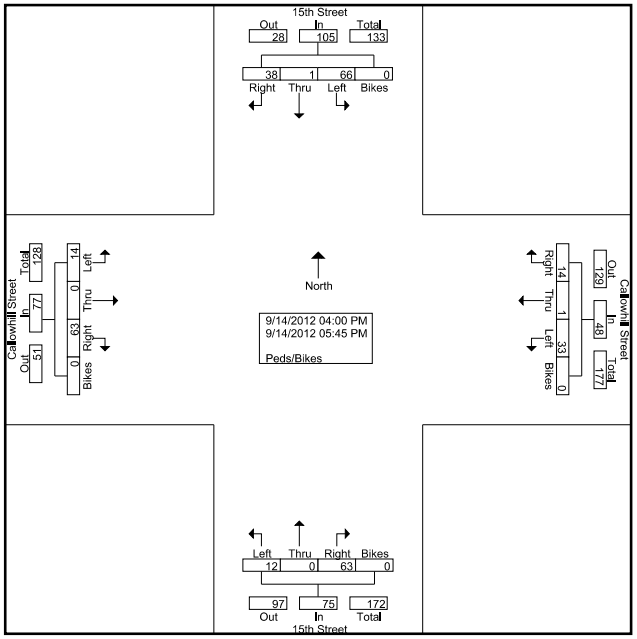
15th Street & Callowhill Street

Counter: 21
Counted by: N. Zipay
Weather: Sunny, Nice
Saved as: 2012-09-14 PM CH15

File Name : #7 - 2012-09-14 PM CS15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Peds/Bikes

	Callowhill Street Eastbound					Callowhill Street Westbound					15th Street Northbound					15th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	3	0	1	0	4	2	0	8	0	10	0	0	11	0	11	9	1	6	0	16	41
04:15 PM	1	0	10	0	11	3	0	0	0	3	3	0	6	0	9	12	0	6	0	18	41
04:30 PM	2	0	7	0	9	4	1	0	0	5	5	0	3	0	8	11	0	6	0	17	39
04:45 PM	0	0	10	0	10	6	0	0	0	6	4	0	8	0	12	3	0	4	0	7	35
Total	6	0	28	0	34	15	1	8	0	24	12	0	28	0	40	35	1	22	0	58	156
05:00 PM	3	0	12	0	15	3	0	1	0	4	0	0	6	0	6	9	0	1	0	10	35
05:15 PM	1	0	14	0	15	5	0	2	0	7	0	0	9	0	9	9	0	5	0	14	45
05:30 PM	4	0	4	0	8	4	0	1	0	5	0	0	11	0	11	11	0	2	0	13	37
05:45 PM	0	0	5	0	5	6	0	2	0	8	0	0	9	0	9	2	0	8	0	10	32
Total	8	0	35	0	43	18	0	6	0	24	0	0	35	0	35	31	0	16	0	47	149
Grand Total	14	0	63	0	77	33	1	14	0	48	12	0	63	0	75	66	1	38	0	105	305
Apprch %	18.2	0	81.8	0		68.8	2.1	29.2	0		16	0	84	0		62.9	1	36.2	0		
Total %	4.6	0	20.7	0	25.2	10.8	0.3	4.6	0	15.7	3.9	0	20.7	0	24.6	21.6	0.3	12.5	0	34.4	



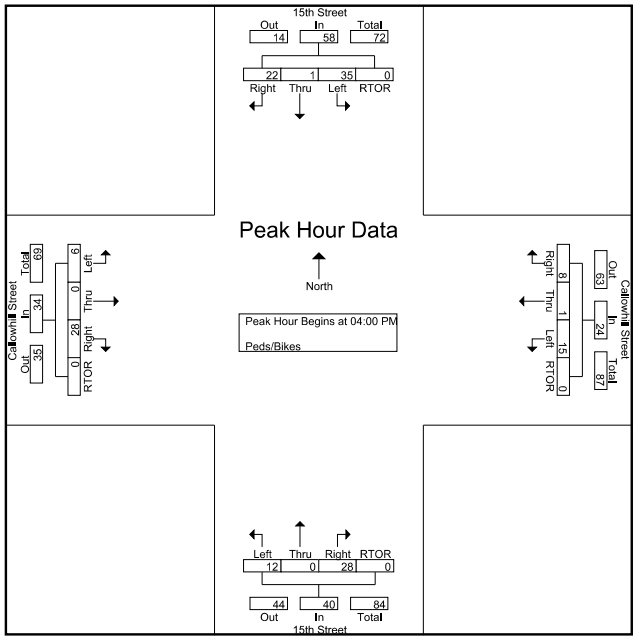
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

15th Street & Callowhill Street

Counter: 21
Counted by: N. Zipay
Weather: Sunny, Nice
Saved as: 2012-09-14 PM CH15

File Name : #7 - 2012-09-14 PM CS15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Callowhill Street Eastbound					Callowhill Street Westbound					15th Street Northbound					15th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	**3**	0	1	0	4	2	0	**8**	0	**10**	0	0	**11**	0	11	9	**1**	**6**	0	16	**41**
04:15 PM	1	0	**10**	0	**11**	3	0	0	0	3	3	0	6	0	9	**12**	0	6	0	**18**	41
04:30 PM	2	0	7	0	9	4	**1**	0	0	5	**5**	0	3	0	8	11	0	6	0	17	39
04:45 PM	0	0	10	0	10	**6**	0	0	0	6	4	0	8	0	**12**	3	0	4	0	7	35
Total Volume	6	0	28	0	34	15	1	8	0	24	12	0	28	0	40	35	1	22	0	58	156
% App. Total	17.6	0	82.4	0		62.5	4.2	33.3	0		30	0	70	0		60.3	1.7	37.9	0		
PHF	.500	.000	.700	.000	.773	.625	.250	.250	.000	.600	.600	.000	.636	.000	.833	.729	.250	.917	.000	.806	.951



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

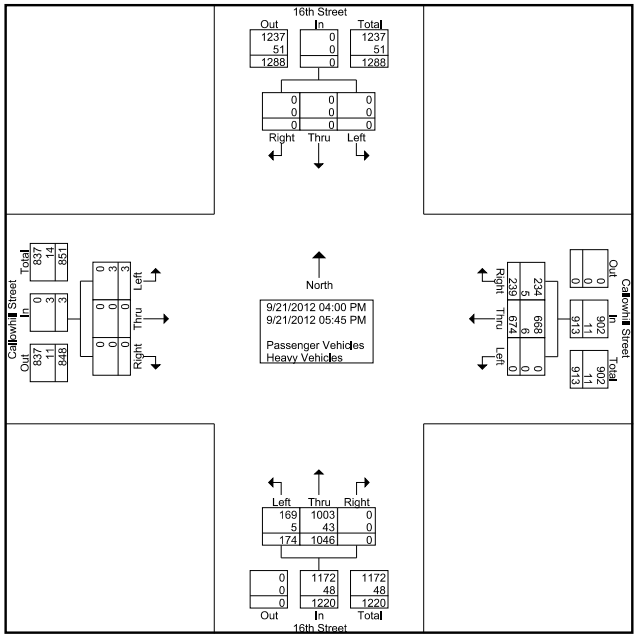
Callowhill Street and 16th Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-09-24 PMCS16

File Name : 2012-09-21 PMCS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	16th Street Northbound					16th Street Southbound					Callowhill Street Eastbound					Callowhill Street Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	22	114	0	0	136	0	0	0	0	0	0	0	0	0	0	0	72	25	2	97	2	233	235
04:15 PM	31	128	0	0	159	0	0	0	0	0	0	0	0	0	0	0	86	26	0	112	0	271	271
04:30 PM	23	128	0	0	151	0	0	0	0	0	3	0	0	0	3	0	114	27	3	141	3	295	298
04:45 PM	16	121	0	0	137	0	0	0	0	0	0	0	0	0	0	0	86	27	2	113	2	250	252
Total	92	491	0	0	583	0	0	0	0	0	3	0	0	0	3	0	358	105	7	463	7	1049	1056
05:00 PM	20	132	0	0	152	0	0	0	0	0	0	0	0	0	0	0	83	44	6	127	6	279	285
05:15 PM	23	161	0	0	184	0	0	0	0	0	0	0	0	0	0	0	80	38	2	118	2	302	304
05:30 PM	19	144	0	0	163	0	0	0	0	0	0	0	0	0	0	0	77	20	2	97	2	260	262
05:45 PM	20	118	0	0	138	0	0	0	0	0	0	0	0	0	0	0	76	32	5	108	5	246	251
Total	82	555	0	0	637	0	0	0	0	0	0	0	0	0	0	0	316	134	15	450	15	1087	1102
Grand Total	174	1046	0	0	1220	0	0	0	0	0	3	0	0	0	3	0	674	239	22	913	22	2136	2158
Apprch %	14.3	85.7	0			0	0	0			100	0	0			0	73.8	26.2					
Total %	8.1	49	0		57.1	0	0	0		0	0.1	0	0		0.1	0	31.6	11.2		42.7	1	99	
Passenger Vehicles	169	1003	0		1172	0	0	0		0	0	0	0		0	0	668	234		924	0	0	2096
% Passenger Vehicles	97.1	95.9	0	0	96.1	0	0	0	0	0	0	0	0	0	0	0	99.1	97.9	100	98.8	0	0	97.1
Heavy Vehicles	5	43	0		48	0	0	0		0	3	0	0		3	0	6	5		11	0	0	62
% Heavy Vehicles	2.9	4.1	0	0	3.9	0	0	0	0	0	100	0	0	0	100	0	0.9	2.1	0	1.2	0	0	2.9



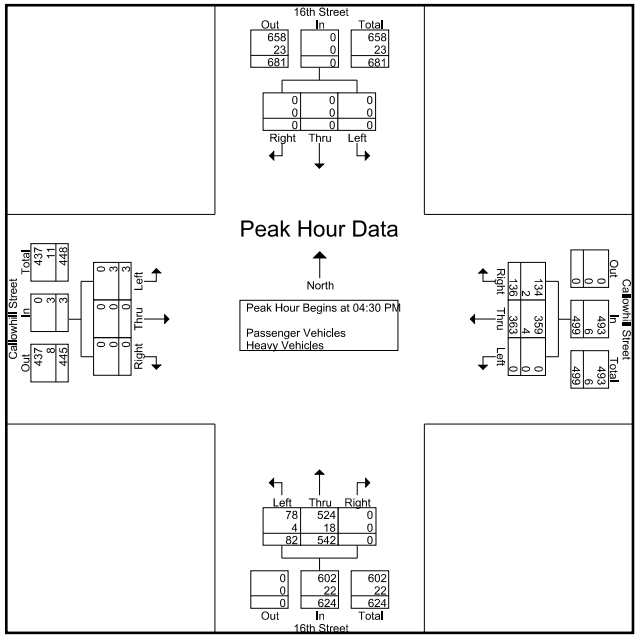
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Callowhill Street and 16th Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-09-24 PMCS16

File Name : 2012-09-21 PMCS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	16th Street Northbound				16th Street Southbound				Callowhill Street Eastbound				Callowhill Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**23**	128	0	151	0	0	0	0	**3**	0	0	**3**	0	**114**	27	**141**	295
04:45 PM	16	121	0	137	0	0	0	0	0	0	0	0	0	86	27	113	250
05:00 PM	20	132	0	152	0	0	0	0	0	0	0	0	0	83	**44**	127	279
05:15 PM	23	**161**	0	**184**	0	0	0	0	0	0	0	0	0	80	38	118	**302**
Total Volume	82	542	0	624	0	0	0	0	3	0	0	3	0	363	136	499	1126
% App. Total	13.1	86.9	0		0	0	0		100	0	0		0	72.7	27.3		
PHF	.891	.842	.000	.848	.000	.000	.000	.000	.250	.000	.000	.250	.000	.796	.773	.885	.932
Passenger Vehicles	78	524	0	602	0	0	0	0	0	0	0	0	0	359	134	493	1095
% Passenger Vehicles	95.1	96.7	0	96.5	0	0	0	0	0	0	0	0	0	98.9	98.5	98.8	97.2
Heavy Vehicles	4	18	0	22	0	0	0	0	3	0	0	3	0	4	2	6	31
% Heavy Vehicles	4.9	3.3	0	3.5	0	0	0	0	100	0	0	100	0	1.1	1.5	1.2	2.8



Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

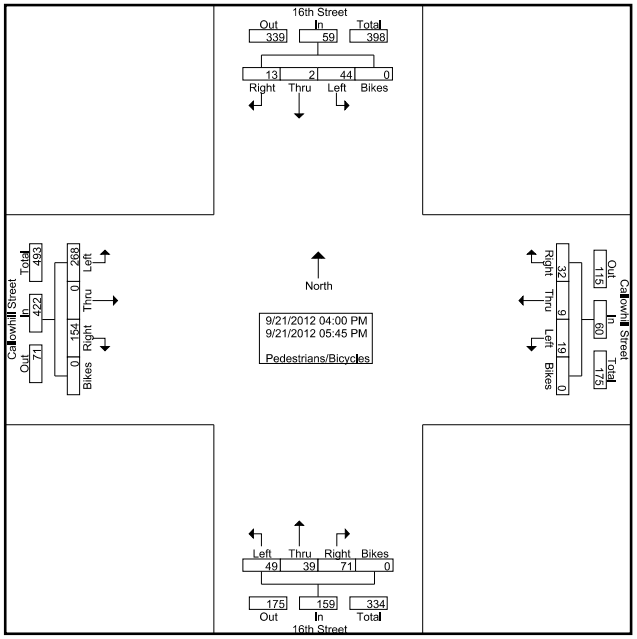
16th Street & Callowhill Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-09-24 PMCS16

File Name : #8 - 2012-09-21 PMCS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	Callowhill Street Eastbound					Callowhill Street Westbound					16th Street Northbound					16th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	37	0	26	0	63	1	0	1	0	2	10	2	3	0	15	5	0	0	0	5	85
04:15 PM	38	0	5	0	43	1	2	6	0	9	3	5	8	0	16	3	0	1	0	4	72
04:30 PM	35	0	35	0	70	4	1	9	0	14	10	5	13	0	28	7	0	4	0	11	123
04:45 PM	39	0	20	0	59	0	0	2	0	2	2	3	5	0	10	3	0	0	0	3	74
Total	149	0	86	0	235	6	3	18	0	27	25	15	29	0	69	18	0	5	0	23	354
05:00 PM	42	0	25	0	67	4	0	3	0	7	5	6	9	0	20	12	0	1	0	13	107
05:15 PM	21	0	20	0	41	2	3	6	0	11	10	8	19	0	37	7	0	1	0	8	97
05:30 PM	33	0	16	0	49	7	3	4	0	14	4	4	10	0	18	3	1	2	0	6	87
05:45 PM	23	0	7	0	30	0	0	1	0	1	5	6	4	0	15	4	1	4	0	9	55
Total	119	0	68	0	187	13	6	14	0	33	24	24	42	0	90	26	2	8	0	36	346
Grand Total	268	0	154	0	422	19	9	32	0	60	49	39	71	0	159	44	2	13	0	59	700
Apprch %	63.5	0	36.5	0		31.7	15	53.3	0		30.8	24.5	44.7	0		74.6	3.4	22	0		
Total %	38.3	0	22	0	60.3	2.7	1.3	4.6	0	8.6	7	5.6	10.1	0	22.7	6.3	0.3	1.9	0	8.4	



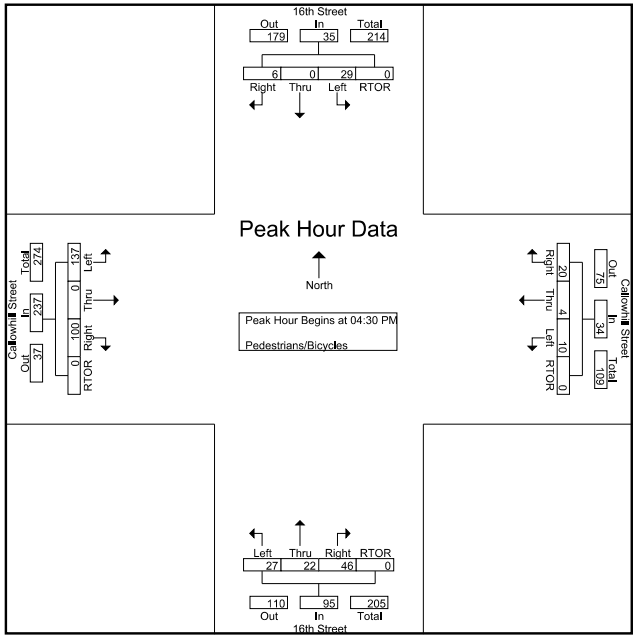
Traffic Planning & Design, Inc.
812 W. Hamilton Street, Suite 402
Allentown, PA 18101

16th Street & Callowhill Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-09-24 PMCS16

File Name : #8 - 2012-09-21 PMCS16
Site Code : 00000000
Start Date : 9/21/2012
Page No : 2

	Callowhill Street Eastbound					Callowhill Street Westbound					16th Street Northbound					16th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	35	0	**35**	0	**70**	**4**	1	**9**	0	**14**	**10**	5	13	0	28	7	0	**4**	0	11	**123**
04:45 PM	39	0	20	0	59	0	0	2	0	2	2	3	5	0	10	3	0	0	0	3	74
05:00 PM	**42**	0	25	0	67	4	0	3	0	7	5	6	9	0	20	**12**	0	1	0	**13**	107
05:15 PM	21	0	20	0	41	2	**3**	6	0	11	10	**8**	**19**	0	**37**	7	0	1	0	8	97
Total Volume	137	0	100	0	237	10	4	20	0	34	27	22	46	0	95	29	0	6	0	35	401
% App. Total	57.8	0	42.2	0		29.4	11.8	58.8	0		28.4	23.2	48.4	0		82.9	0	17.1	0		
PHF	.815	.000	.714	.000	.846	.625	.333	.556	.000	.607	.675	.688	.605	.000	.642	.604	.000	.375	.000	.673	.815



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

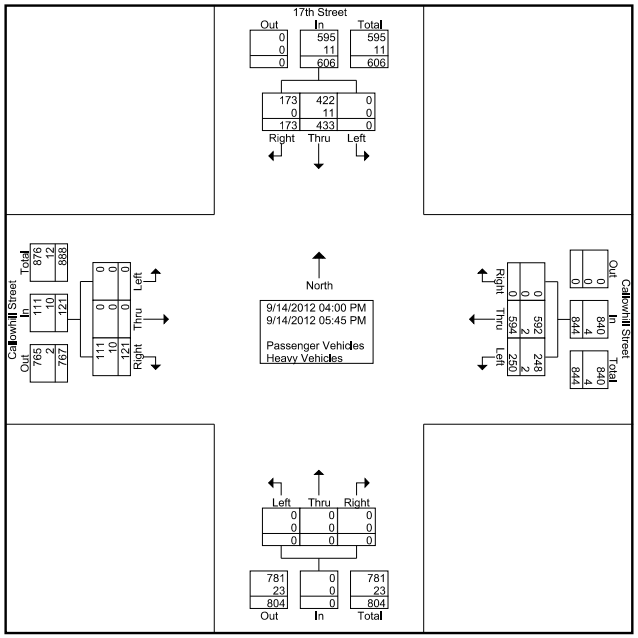
Callowhill Street and 17th Street

Counter: SJO 26
Counted by: BP
Weather: Clear
Saved as: 2012-09-14 PMCS17

File Name : 2012-09-14 PMCS17
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	Northbound				17th Street Southbound				Callowhill Street Eastbound				Callowhill Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	80	37	117	0	0	15	15	26	66	0	92	224
04:15 PM	0	0	0	0	0	56	23	79	0	0	13	13	20	80	0	100	192
04:30 PM	0	0	0	0	0	66	29	95	0	0	20	20	36	97	0	133	248
04:45 PM	0	0	0	0	0	41	16	57	0	0	17	17	47	81	0	128	202
Total	0	0	0	0	0	243	105	348	0	0	65	65	129	324	0	453	866
05:00 PM	0	0	0	0	0	66	31	97	0	0	15	15	36	71	0	107	219
05:15 PM	0	0	0	0	0	53	18	71	0	0	10	10	37	82	0	119	200
05:30 PM	0	0	0	0	0	33	9	42	0	0	19	19	29	60	0	89	150
05:45 PM	0	0	0	0	0	38	10	48	0	0	12	12	19	57	0	76	136
Total	0	0	0	0	0	190	68	258	0	0	56	56	121	270	0	391	705
Grand Total	0	0	0	0	0	433	173	606	0	0	121	121	250	594	0	844	1571
Apprch %	0	0	0		0	71.5	28.5		0	0	100		29.6	70.4	0		
Total %	0	0	0	0	0	27.6	11	38.6	0	0	7.7	7.7	15.9	37.8	0	53.7	
Passenger Vehicles	0	0	0	0	0	422	173	595	0	0	111	111	248	592	0	840	1546
% Passenger Vehicles	0	0	0	0	0	97.5	100	98.2	0	0	91.7	91.7	99.2	99.7	0	99.5	98.4
Heavy Vehicles	0	0	0	0	0	11	0	11	0	0	10	10	2	2	0	4	25
% Heavy Vehicles	0	0	0	0	0	2.5	0	1.8	0	0	8.3	8.3	0.8	0.3	0	0.5	1.6



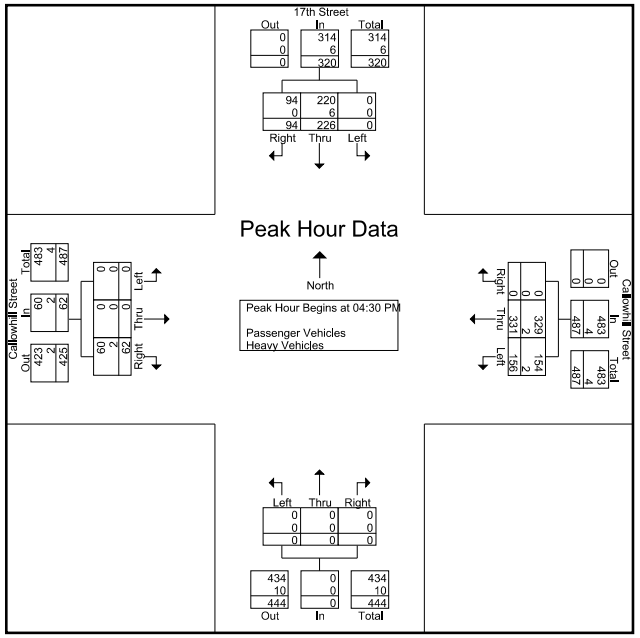
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Callowhill Street and 17th Street

Counter: SJO 26
Counted by: BP
Weather: Clear
Saved as: 2012-09-14 PMCS17

File Name : 2012-09-14 PMCS17
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Northbound				17th Street Southbound				Callowhill Street Eastbound				Callowhill Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	**66**	29	95	0	0	**20**	**20**	36	**97**	0	**133**	**248**
04:45 PM	0	0	0	0	0	41	16	57	0	0	17	17	**47**	81	0	128	202
05:00 PM	0	0	0	0	0	66	**31**	**97**	0	0	15	15	36	71	0	107	219
05:15 PM	0	0	0	0	0	53	18	71	0	0	10	10	37	82	0	119	200
Total Volume	0	0	0	0	0	226	94	320	0	0	62	62	156	331	0	487	869
% App. Total	0	0	0		0	70.6	29.4		0	0	100		32	68	0		
PHF	.000	.000	.000	.000	.000	.856	.758	.825	.000	.000	.775	.775	.830	.853	.000	.915	.876
Passenger Vehicles	0	0	0	0	0	220	94	314	0	0	60	60	154	329	0	483	857
% Passenger Vehicles	0	0	0	0	0	97.3	100	98.1	0	0	96.8	96.8	98.7	99.4	0	99.2	98.6
Heavy Vehicles	0	0	0	0	0	6	0	6	0	0	2	2	2	2	0	4	12
% Heavy Vehicles	0	0	0	0	0	2.7	0	1.9	0	0	3.2	3.2	1.3	0.6	0	0.8	1.4



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

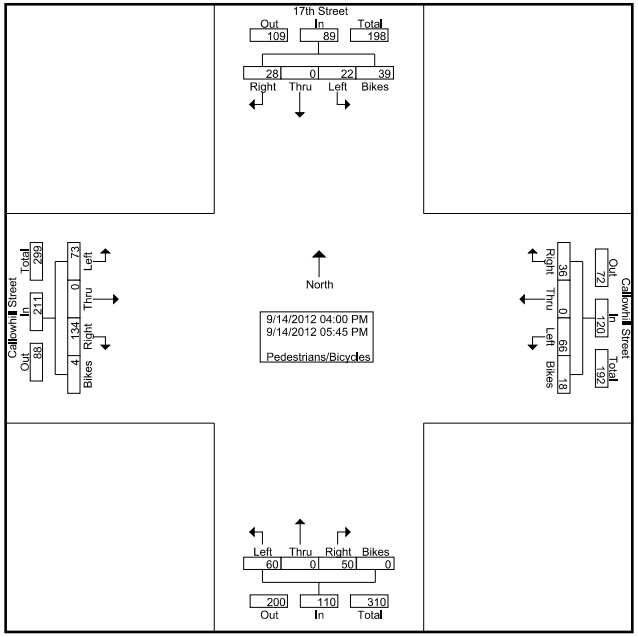
Callowhill Street and 17th Street

Counter: SJO 26
Counted by: BP
Weather: Clear
Saved as: 2012-09-14 PMCS17

File Name : 2012-09-14 PMCS17
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	Northbound					17th Street Southbound					Callowhill Street Eastbound					Callowhill Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	6	0	3	0	9	1	0	5	8	14	6	0	32	0	38	12	0	6	5	23	84
04:15 PM	8	0	8	0	16	1	0	1	7	9	19	0	18	0	37	6	0	3	2	11	73
04:30 PM	7	0	2	0	9	3	0	0	5	8	9	0	22	0	31	8	0	5	2	15	63
04:45 PM	8	0	5	0	13	3	0	5	3	11	7	0	14	0	21	6	0	4	0	10	55
Total	29	0	18	0	47	8	0	11	23	42	41	0	86	0	127	32	0	18	9	59	275
05:00 PM	7	0	12	0	19	7	0	6	5	18	11	0	12	1	24	20	0	8	3	31	92
05:15 PM	8	0	10	0	18	4	0	3	2	9	9	0	11	0	20	9	0	3	3	15	62
05:30 PM	7	0	5	0	12	2	0	3	5	10	8	0	12	1	21	1	0	3	1	5	48
05:45 PM	9	0	5	0	14	1	0	5	4	10	4	0	13	2	19	4	0	4	2	10	53
Total	31	0	32	0	63	14	0	17	16	47	32	0	48	4	84	34	0	18	9	61	255
Grand Total	60	0	50	0	110	22	0	28	39	89	73	0	134	4	211	66	0	36	18	120	530
Apprch %	54.5	0	45.5	0		24.7	0	31.5	43.8		34.6	0	63.5	1.9		55	0	30	15		
Total %	11.3	0	9.4	0	20.8	4.2	0	5.3	7.4	16.8	13.8	0	25.3	0.8	39.8	12.5	0	6.8	3.4	22.6	



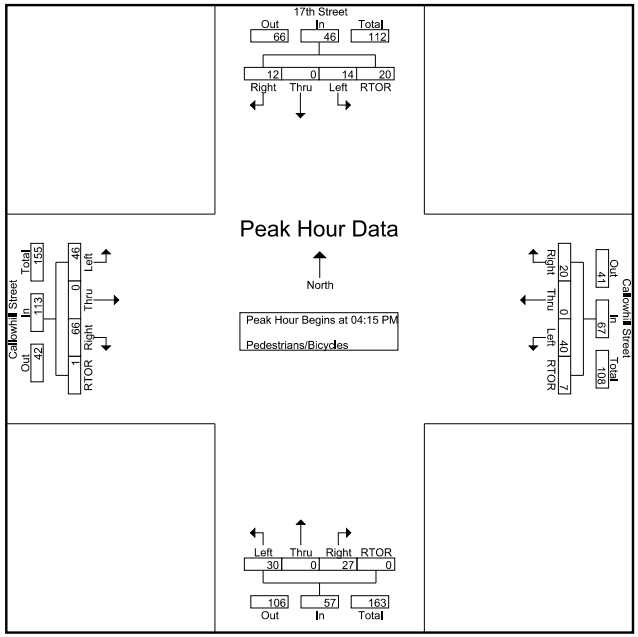
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Callowhill Street and 17th Street

Counter: SJO 26
Counted by: BP
Weather: Clear
Saved as: 2012-09-14 PMCS17

File Name : 2012-09-14 PMCS17
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Northbound					17th Street Southbound					Callowhill Street Eastbound					Callowhill Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	**8**	0	8	0	16	1	0	1	**7**	9	**19**	0	18	0	**37**	6	0	3	2	11	73
04:30 PM	7	0	2	0	9	3	0	0	5	8	9	0	**22**	0	31	8	0	5	2	15	63
04:45 PM	8	0	5	0	13	3	0	5	3	11	7	0	14	0	21	6	0	4	0	10	55
05:00 PM	7	0	**12**	0	**19**	**7**	0	**6**	5	**18**	11	0	12	**1**	24	**20**	0	**8**	**3**	**31**	**92**
Total Volume	30	0	27	0	57	14	0	12	20	46	46	0	66	1	113	40	0	20	7	67	283
% App. Total	52.6	0	47.4	0		30.4	0	26.1	43.5		40.7	0	58.4	0.9		59.7	0	29.9	10.4		
PHF	.938	.000	.563	.000	.750	.500	.000	.500	.714	.639	.605	.000	.750	.250	.764	.500	.000	.625	.583	.540	.769



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

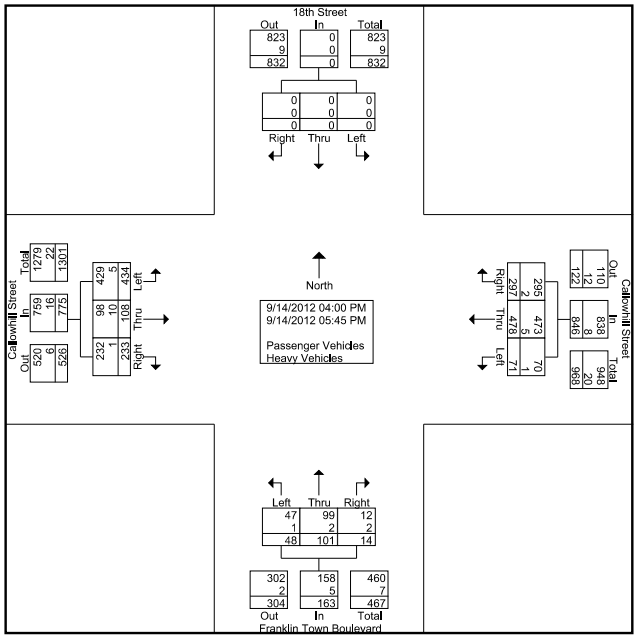
Callowhill Street and Franklin Town Boulevard

Counter: SJO 19
Counted by: JJ
Weather: Clear
Saved as: 2012-09-14 PMCSFTB

File Name : 2012-09-14 PMCSFTB
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	Franklin Town Boulevard Northbound				18th Street Southbound				Callowhill Street Eastbound				Callowhill Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	4	2	13	0	0	0	0	55	14	42	111	15	61	54	130	254
04:15 PM	10	12	1	23	0	0	0	0	44	7	44	95	7	73	38	118	236
04:30 PM	5	16	3	24	0	0	0	0	47	18	20	85	9	79	59	147	256
04:45 PM	4	10	2	16	0	0	0	0	52	16	28	96	6	65	23	94	206
Total	26	42	8	76	0	0	0	0	198	55	134	387	37	278	174	489	952
05:00 PM	5	21	0	26	0	0	0	0	46	18	32	96	10	63	40	113	235
05:15 PM	4	17	3	24	0	0	0	0	66	10	18	94	11	57	30	98	216
05:30 PM	6	13	1	20	0	0	0	0	62	15	23	100	4	47	32	83	203
05:45 PM	7	8	2	17	0	0	0	0	62	10	26	98	9	33	21	63	178
Total	22	59	6	87	0	0	0	0	236	53	99	388	34	200	123	357	832
Grand Total	48	101	14	163	0	0	0	0	434	108	233	775	71	478	297	846	1784
Apprch %	29.4	62	8.6		0	0	0		56	13.9	30.1		8.4	56.5	35.1		
Total %	2.7	5.7	0.8	9.1	0	0	0	0	24.3	6.1	13.1	43.4	4	26.8	16.6	47.4	
Passenger Vehicles	47	99	12	158	0	0	0	0	429	98	232	759	70	473	295	838	1755
% Passenger Vehicles	97.9	98	85.7	96.9	0	0	0	0	98.8	90.7	99.6	97.9	98.6	99	99.3	99.1	98.4
Heavy Vehicles	1	2	2	5	0	0	0	0	5	10	1	16	1	5	2	8	29
% Heavy Vehicles	2.1	2	14.3	3.1	0	0	0	0	1.2	9.3	0.4	2.1	1.4	1	0.7	0.9	1.6



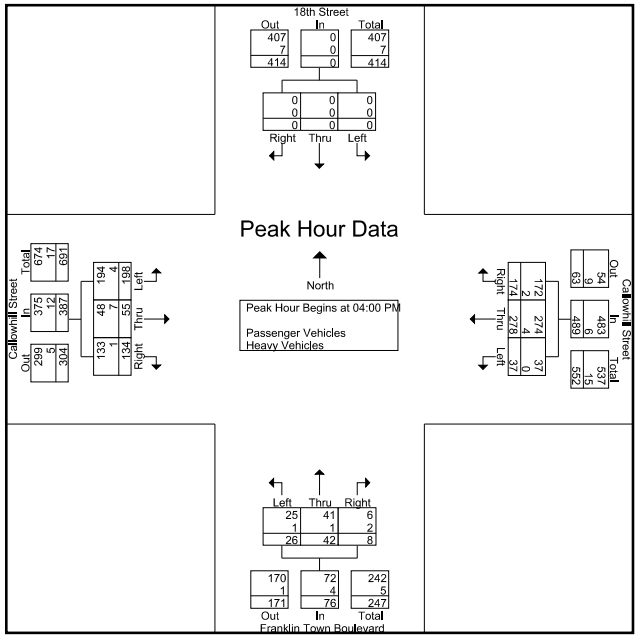
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Callowhill Street and Franklin Town Boulevard

Counter: SJO 19
Counted by: JJ
Weather: Clear
Saved as: 2012-09-14 PMCSFTB

File Name : 2012-09-14 PMCSFTB
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Franklin Town Boulevard Northbound				18th Street Southbound				Callowhill Street Eastbound				Callowhill Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	7	4	2	13	0	0	0	0	**55**	14	42	**111**	**15**	61	54	130	254
04:15 PM	**10**	12	1	23	0	0	0	0	44	7	**44**	95	7	73	38	118	236
04:30 PM	5	**16**	**3**	**24**	0	0	0	0	47	**18**	20	85	9	**79**	**59**	**147**	**256**
04:45 PM	4	10	2	16	0	0	0	0	52	16	28	96	6	65	23	94	206
Total Volume	26	42	8	76	0	0	0	0	198	55	134	387	37	278	174	489	952
% App. Total	34.2	55.3	10.5		0	0	0		51.2	14.2	34.6		7.6	56.9	35.6		
PHF	.650	.656	.667	.792	.000	.000	.000	.000	.900	.764	.761	.872	.617	.880	.737	.832	.930
Passenger Vehicles	25	41	6	72	0	0	0	0	194	48	133	375	37	274	172	483	930
% Passenger Vehicles	96.2	97.6	75.0	94.7	0	0	0	0	98.0	87.3	99.3	96.9	100	98.6	98.9	98.8	97.7
Heavy Vehicles	1	1	2	4	0	0	0	0	4	7	1	12	0	4	2	6	22
% Heavy Vehicles	3.8	2.4	25.0	5.3	0	0	0	0	2.0	12.7	0.7	3.1	0	1.4	1.1	1.2	2.3



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

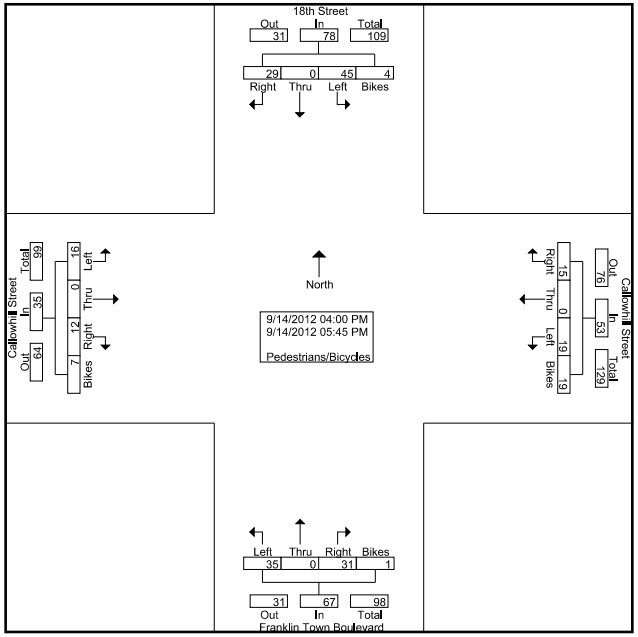
Callowhill Street and Franklin Town Boulevard

Counter: SJO 19
Counted by: JJ
Weather: Clear
Saved as: 2012-09-14 PMCSFTB

File Name : 2012-09-14 PMCSFTB
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	Franklin Town Boulevard Northbound					18th Street Southbound					Callowhill Street Eastbound					Callowhill Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	3	0	2	0	5	9	0	2	1	12	0	0	0	1	1	2	0	0	9	11	29
04:15 PM	6	0	5	0	11	6	0	4	0	10	3	0	1	0	4	0	0	0	2	2	27
04:30 PM	5	0	1	0	6	10	0	1	1	12	2	0	2	1	5	3	0	0	0	3	26
04:45 PM	4	0	4	1	9	6	0	2	2	10	1	0	2	0	3	3	0	1	2	6	28
Total	18	0	12	1	31	31	0	9	4	44	6	0	5	2	13	8	0	1	13	22	110
05:00 PM	5	0	7	0	12	2	0	2	0	4	6	0	1	3	10	3	0	3	2	8	34
05:15 PM	3	0	3	0	6	4	0	13	0	17	2	0	1	1	4	1	0	2	2	5	32
05:30 PM	3	0	6	0	9	4	0	2	0	6	1	0	4	1	6	5	0	6	2	13	34
05:45 PM	6	0	3	0	9	4	0	3	0	7	1	0	1	0	2	2	0	3	0	5	23
Total	17	0	19	0	36	14	0	20	0	34	10	0	7	5	22	11	0	14	6	31	123
Grand Total	35	0	31	1	67	45	0	29	4	78	16	0	12	7	35	19	0	15	19	53	233
Apprch %	52.2	0	46.3	1.5		57.7	0	37.2	5.1		45.7	0	34.3	20		35.8	0	28.3	35.8		
Total %	15	0	13.3	0.4	28.8	19.3	0	12.4	1.7	33.5	6.9	0	5.2	3	15	8.2	0	6.4	8.2	22.7	



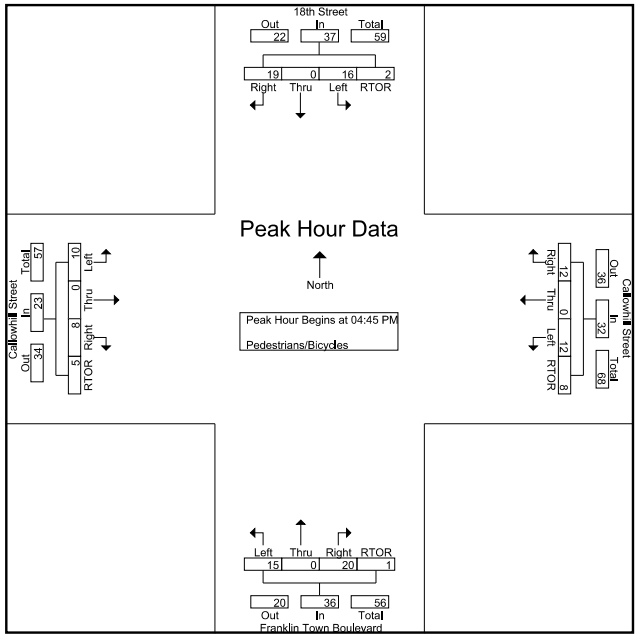
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Callowhill Street and Franklin Town Boulevard

Counter: SJO 19
Counted by: JJ
Weather: Clear
Saved as: 2012-09-14 PMCSFTB

File Name : 2012-09-14 PMCSFTB
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Franklin Town Boulevard Northbound					18th Street Southbound					Callowhill Street Eastbound					Callowhill Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	4	0	4	**1**	9	**6**	0	2	**2**	10	1	0	2	0	3	3	0	1	**2**	6	28
05:00 PM	**5**	0	**7**	0	**12**	2	0	2	0	4	**6**	0	1	**3**	**10**	3	0	3	2	8	**34**
05:15 PM	3	0	3	0	6	4	0	**13**	0	**17**	2	0	1	1	4	1	0	2	2	5	32
05:30 PM	3	0	6	0	9	4	0	2	0	6	1	0	**4**	1	6	**5**	0	**6**	2	**13**	34
Total Volume	15	0	20	1	36	16	0	19	2	37	10	0	8	5	23	12	0	12	8	32	128
% App. Total	41.7	0	55.6	2.8		43.2	0	51.4	5.4		43.5	0	34.8	21.7		37.5	0	37.5	25		
PHF	.750	.000	.714	.250	.750	.667	.000	.365	.250	.544	.417	.000	.500	.417	.575	.600	.000	.500	1.00	.615	.941



Traffic Planning & Design, Inc.

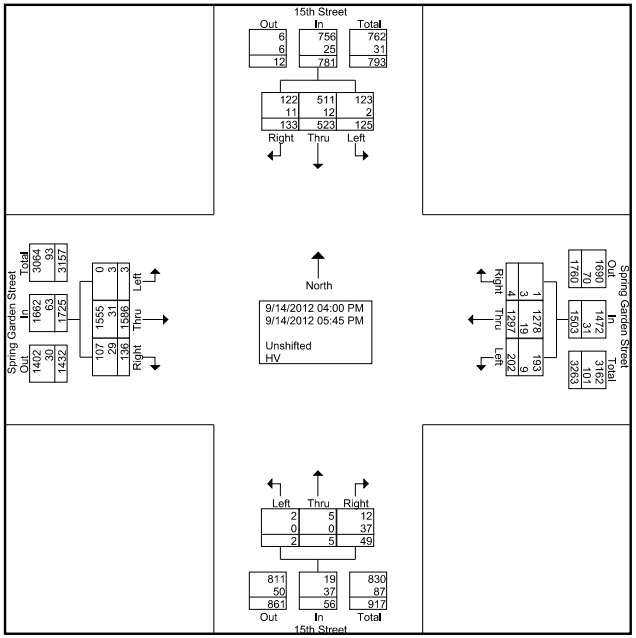
2500 East High Street
Pottstown, PA 19464
15th Street & Spring Garden Street

Counter: D4-5387
Counted by: J. Muthersbaugh
Weather: Sunny
Saved as: 2012-09-14 PM SG15

File Name : 2012-09-14 PM SG15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Unshifted - HV

	Spring Garden Street Eastbound					Spring Garden Street Westbound					15th Street Northbound					15th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Incl. Total	Int. Total
04:00 PM	1	187	21	0	209	22	160	1	0	183	0	0	25	1	25	15	71	15	4	101	5	518	523
04:15 PM	0	188	18	0	206	33	161	0	0	194	0	3	3	0	6	20	79	16	0	115	0	521	521
04:30 PM	0	204	7	0	211	37	185	1	0	223	0	1	0	0	1	23	71	15	0	109	0	544	544
04:45 PM	0	187	18	0	205	29	150	1	0	180	0	1	1	0	2	18	80	16	5	114	5	501	506
Total	1	766	64	0	831	121	656	3	0	780	0	5	29	1	34	76	301	62	9	439	10	2084	2094
05:00 PM	0	201	20	0	221	22	196	0	0	218	0	0	14	0	14	16	76	15	1	107	1	560	561
05:15 PM	2	207	17	0	226	22	148	1	0	171	2	0	6	0	8	13	42	25	3	80	3	485	488
05:30 PM	0	210	16	0	226	19	167	0	0	186	0	0	0	0	0	11	64	21	1	96	1	508	509
05:45 PM	0	202	19	0	221	18	130	0	0	148	0	0	0	0	0	9	40	10	0	59	0	428	428
Total	2	820	72	0	894	81	641	1	0	723	2	0	20	0	22	49	222	71	5	342	5	1981	1986
Grand Total	3	1586	136	0	1725	202	1297	4	0	1503	2	5	49	1	56	125	523	133	14	781	15	4065	4080
Apprch %	0.2	91.9	7.9			13.4	86.3	0.3			3.6	8.9	87.5			16	67	17					
Total %	0.1	39	3.3		42.4	5	31.9	0.1		37	0	0.1	1.2		1.4	3.1	12.9	3.3		19.2	0.4	99.6	
Unshifted	0	1555	107		1662	193	1278	1		1472	2	5	12		19	123	511	122		765	0	0	3918
% Unshifted	0	98	78.7	0	96.3	95.5	98.5	25	0	97.9	100	100	24.5	0	33.3	98.4	97.7	91.7	64.3	96.2	0	0	96
HV	3	31	29		63	9	19	3		31	0	0	37		38	2	12	11		30	0	0	162
% HV	100	2	21.3	0	3.7	4.5	1.5	75	0	2.1	0	0	75.5	100	66.7	1.6	2.3	8.3	35.7	3.8	0	0	4



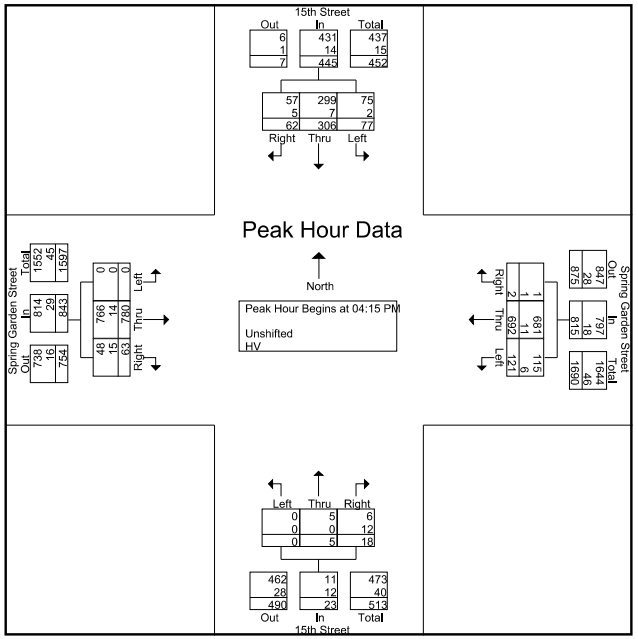
Traffic Planning & Design, Inc.

2500 East High Street
Pottstown, PA 19464
15th Street & Spring Garden Street

Counter: D4-5387
Counted by: J. Muthersbaugh
Weather: Sunny
Saved as: 2012-09-14 PM SG15

File Name : 2012-09-14 PM SG15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Spring Garden Street Eastbound				Spring Garden Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	188	18	206	33	161	0	194	0	**3**	3	6	20	79	**16**	**115**	521
04:30 PM	0	**204**	7	211	**37**	185	**1**	**223**	0	1	0	1	**23**	71	15	109	544
04:45 PM	0	187	18	205	29	150	1	180	0	1	1	2	18	**80**	16	114	501
05:00 PM	0	201	**20**	**221**	22	**196**	0	218	0	0	**14**	**14**	16	76	15	107	**560**
Total Volume	0	780	63	843	121	692	2	815	0	5	18	23	77	306	62	445	2126
% App. Total	0	92.5	7.5		14.8	84.9	0.2		0	21.7	78.3		17.3	68.8	13.9		
PHF	.000	.956	.788	.954	.818	.883	.500	.914	.000	.417	.321	.411	.837	.956	.969	.967	.949
Unshifted	0	766	48	814	115	681	1	797	0	5	6	11	75	299	57	431	2053
% Unshifted	0	98.2	76.2	96.6	95.0	98.4	50.0	97.8	0	100	33.3	47.8	97.4	97.7	91.9	96.9	96.6
HV	0	14	15	29	6	11	1	18	0	0	12	12	2	7	5	14	73
% HV	0	1.8	23.8	3.4	5.0	1.6	50.0	2.2	0	0	66.7	52.2	2.6	2.3	8.1	3.1	3.4



Traffic Planning & Design, Inc.

2500 East High Street
Pottstown, PA 19464

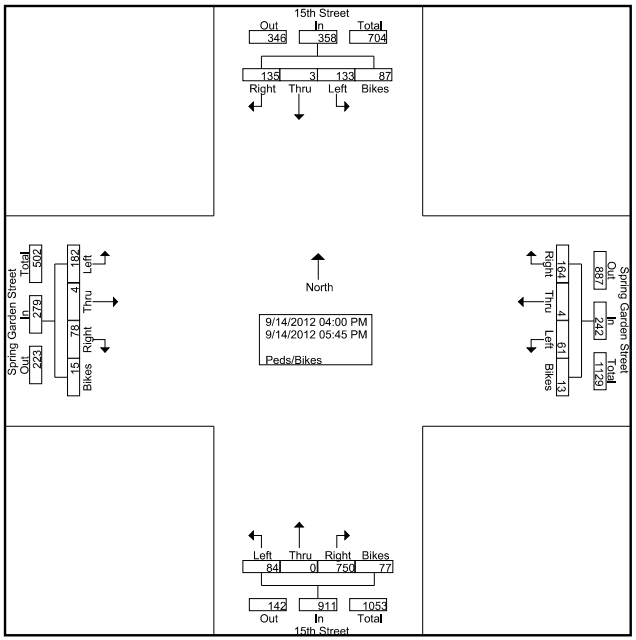
15th Street & Spring Garden Street

Counter: D4-5387
Counted by: J. Muthersbaugh
Weather: Sunny
Saved as: 2012-09-14 PM SG15

File Name : 2012-09-14 PM SG15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Peds/Bikes

	Spring Garden Street Eastbound					Spring Garden Street Westbound					15th Street Northbound					15th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	23	2	8	2	35	12	0	20	3	35	38	0	177	5	220	18	0	11	8	37	327
04:15 PM	26	1	7	1	35	6	0	15	2	23	8	0	114	7	129	21	0	26	10	57	244
04:30 PM	20	0	11	1	32	10	3	34	2	49	1	0	52	7	60	22	0	9	7	38	179
04:45 PM	17	0	8	1	26	11	0	18	0	29	7	0	69	13	89	11	0	6	7	24	168
Total	86	3	34	5	128	39	3	87	7	136	54	0	412	32	498	72	0	52	32	156	918
05:00 PM	52	0	5	0	57	2	1	27	0	30	6	0	131	11	148	27	2	22	8	59	294
05:15 PM	6	1	15	5	27	5	0	13	0	18	11	0	81	17	109	21	1	24	19	65	219
05:30 PM	28	0	16	3	47	11	0	21	4	36	7	0	74	6	87	9	0	21	22	52	222
05:45 PM	10	0	8	2	20	4	0	16	2	22	6	0	52	11	69	4	0	16	6	26	137
Total	96	1	44	10	151	22	1	77	6	106	30	0	338	45	413	61	3	83	55	202	872
Grand Total	182	4	78	15	279	61	4	164	13	242	84	0	750	77	911	133	3	135	87	358	1790
Apprch %	65.2	1.4	28	5.4		25.2	1.7	67.8	5.4		9.2	0	82.3	8.5		37.2	0.8	37.7	24.3		
Total %	10.2	0.2	4.4	0.8	15.6	3.4	0.2	9.2	0.7	13.5	4.7	0	41.9	4.3	50.9	7.4	0.2	7.5	4.9	20	



Traffic Planning & Design, Inc.

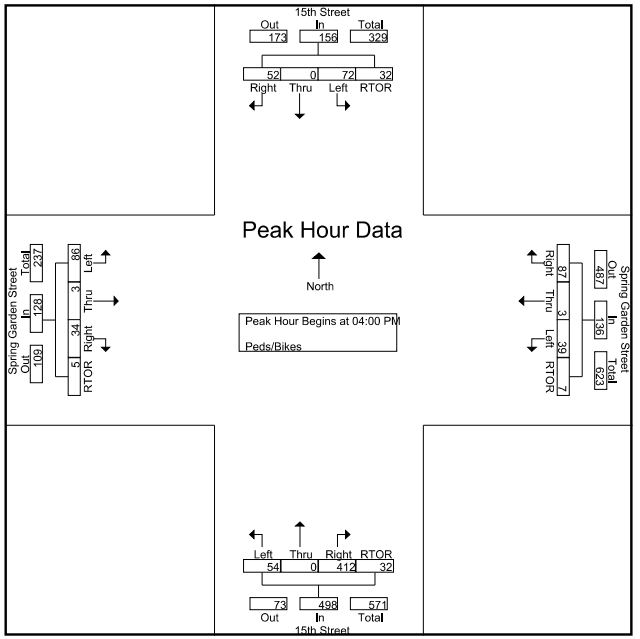
2500 East High Street
Pottstown, PA 19464

15th Street & Spring Garden Street

Counter: D4-5387
Counted by: J. Muthersbaugh
Weather: Sunny
Saved as: 2012-09-14 PM SG15

File Name : 2012-09-14 PM SG15
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	Spring Garden Street Eastbound					Spring Garden Street Westbound					15th Street Northbound					15th Street Southbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	23	**2**	8	**2**	**35**	**12**	0	20	**3**	35	**38**	0	**177**	5	**220**	18	0	11	8	37	**327**
04:15 PM	**26**	1	7	1	35	6	0	15	2	23	8	0	114	7	129	21	0	**26**	**10**	**57**	244
04:30 PM	20	0	**11**	1	32	10	**3**	**34**	2	**49**	1	0	52	7	60	**22**	0	9	7	38	179
04:45 PM	17	0	8	1	26	11	0	18	0	29	7	0	69	**13**	89	11	0	6	7	24	168
Total Volume	86	3	34	5	128	39	3	87	7	136	54	0	412	32	498	72	0	52	32	156	918
% App. Total	67.2	2.3	26.6	3.9		28.7	2.2	64	5.1		10.8	0	82.7	6.4		46.2	0	33.3	20.5		
PHF	.827	.375	.773	.625	.914	.813	.250	.640	.583	.694	.355	.000	.582	.615	.566	.818	.000	.500	.800	.684	.702



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

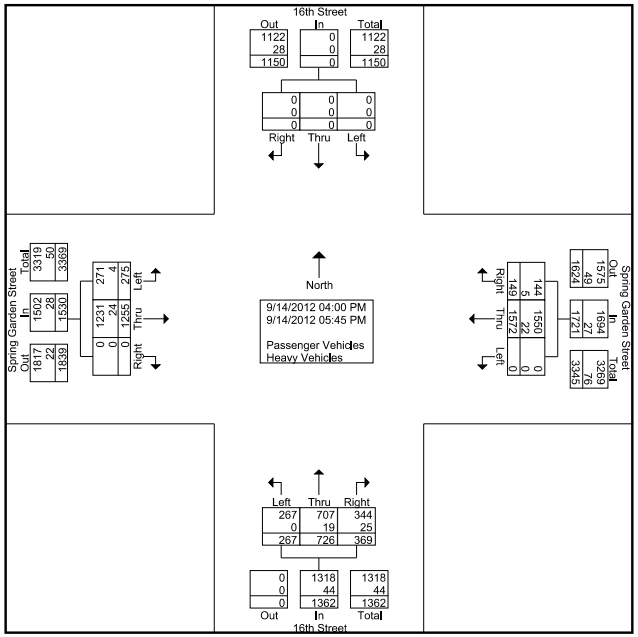
Spring Garden Street and 16th Street

Counter: PTO 18
Counted by: JH
Weather: Clear
Saved as: 2012-09-14 PMSG16

File Name : 2012-09-14 PMSG16
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	16th Street Northbound					16th Street Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	42	81	35	0	158	0	0	0	0	0	35	165	0	0	200	0	183	24	1	207	1	565	566
04:15 PM	25	92	41	0	158	0	0	0	0	0	32	159	0	0	191	0	206	14	0	220	0	569	569
04:30 PM	32	90	43	0	165	0	0	0	0	0	36	121	0	0	157	0	196	9	0	205	0	527	527
04:45 PM	22	102	55	0	179	0	0	0	0	0	30	147	0	0	177	0	199	14	0	213	0	569	569
Total	121	365	174	0	660	0	0	0	0	0	133	592	0	0	725	0	784	61	1	845	1	2230	2231
05:00 PM	33	92	61	0	186	0	0	0	0	0	40	162	0	0	202	0	216	26	0	242	0	630	630
05:15 PM	35	101	48	0	184	0	0	0	0	0	38	164	0	0	202	0	205	28	0	233	0	619	619
05:30 PM	36	89	39	0	164	0	0	0	0	0	32	187	0	0	219	0	199	24	0	223	0	606	606
05:45 PM	42	79	47	0	168	0	0	0	0	0	32	150	0	0	182	0	168	10	0	178	0	528	528
Total	146	361	195	0	702	0	0	0	0	0	142	663	0	0	805	0	788	88	0	876	0	2383	2383
Grand Total	267	726	369	0	1362	0	0	0	0	0	275	1255	0	0	1530	0	1572	149	1	1721	1	4613	4614
Apprch %	19.6	53.3	27.1			0	0	0			18	82	0			0	91.3	8.7					
Total %	5.8	15.7	8		29.5	0	0	0		0	6	27.2	0		33.2	0	34.1	3.2		37.3	0	100	
Passenger Vehicles	267	707	344		1318	0	0	0		0	271	1231	0		1502	0	1550	144		1695	0	0	4515
% Passenger Vehicles	100	97.4	93.2	0	96.8	0	0	0	0	0	98.5	98.1	0	0	98.2	0	98.6	96.6	100	98.4	0	0	97.9
Heavy Vehicles	0	19	25		44	0	0	0		0	4	24	0		28	0	22	5		27	0	0	99
% Heavy Vehicles	0	2.6	6.8	0	3.2	0	0	0	0	0	1.5	1.9	0	0	1.8	0	1.4	3.4	0	1.6	0	0	2.1



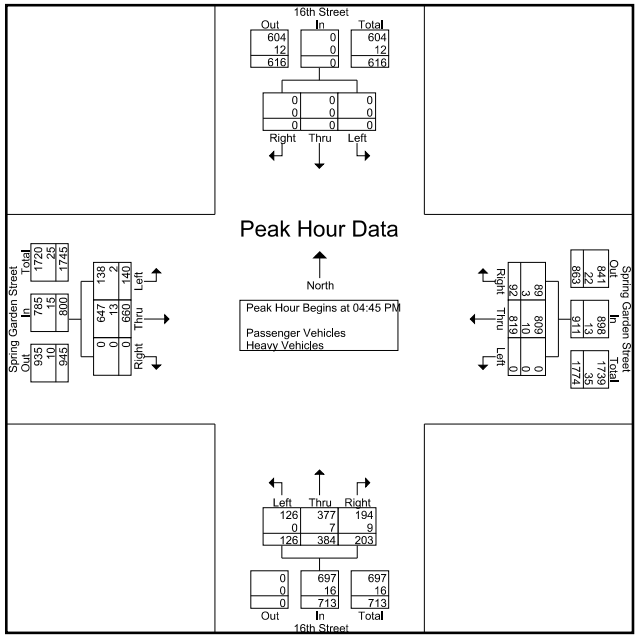
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Spring Garden Street and 16th Street

Counter: PTO 18
Counted by: JH
Weather: Clear
Saved as: 2012-09-14 PMSG16

File Name : 2012-09-14 PMSG16
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	16th Street Northbound				16th Street Southbound				Spring Garden Street Eastbound				Spring Garden Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	22	**102**	55	179	0	0	0	0	30	147	0	177	0	199	14	213	569
05:00 PM	33	92	**61**	**186**	0	0	0	0	**40**	162	0	202	0	**216**	26	**242**	**630**
05:15 PM	35	101	48	184	0	0	0	0	38	164	0	202	0	205	**28**	233	619
05:30 PM	**36**	89	39	164	0	0	0	0	32	**187**	0	**219**	0	199	24	223	606
Total Volume	126	384	203	713	0	0	0	0	140	660	0	800	0	819	92	911	2424
% App. Total	17.7	53.9	28.5		0	0	0		17.5	82.5	0		0	89.9	10.1		
PHF	.875	.941	.832	.958	.000	.000	.000	.000	.875	.882	.000	.913	.000	.948	.821	.941	.962
Passenger Vehicles	126	377	194	697	0	0	0	0	138	647	0	785	0	809	89	898	2380
% Passenger Vehicles	100	98.2	95.6	97.8	0	0	0	0	98.6	98.0	0	98.1	0	98.8	96.7	98.6	98.2
Heavy Vehicles	0	7	9	16	0	0	0	0	2	13	0	15	0	10	3	13	44
% Heavy Vehicles	0	1.8	4.4	2.2	0	0	0	0	1.4	2.0	0	1.9	0	1.2	3.3	1.4	1.8



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

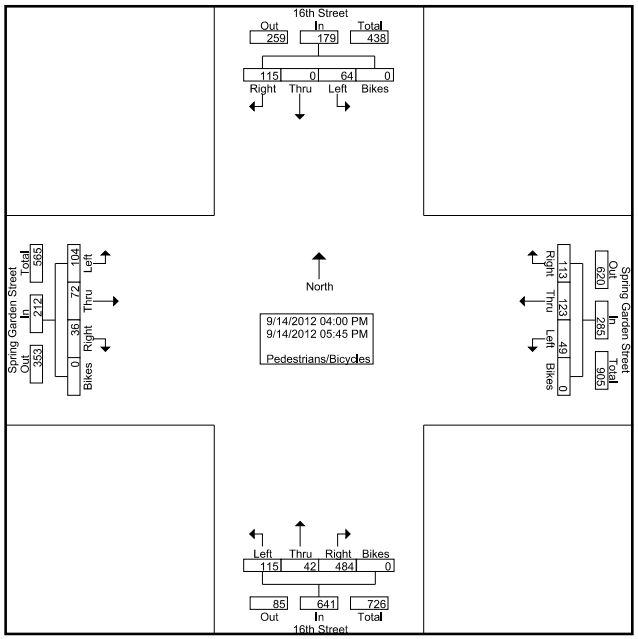
Spring Garden Street and 16th Street

Counter: PTO 18
Counted by: JH
Weather: Clear
Saved as: 2012-09-14 PMSG16

File Name : 2012-09-14 PMSG16
Site Code : 00000000
Start Date : 9/14/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	16th Street Northbound					16th Street Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	22	3	145	0	170	7	0	16	0	23	19	9	5	0	33	7	14	15	0	36	262
04:15 PM	20	5	69	0	94	9	0	14	0	23	7	3	10	0	20	3	11	7	0	21	158
04:30 PM	21	2	57	0	80	3	0	10	0	13	10	7	4	0	21	6	12	25	0	43	157
04:45 PM	13	4	60	0	77	9	0	15	0	24	14	13	1	0	28	1	14	9	0	24	153
Total	76	14	331	0	421	28	0	55	0	83	50	32	20	0	102	17	51	56	0	124	730
05:00 PM	19	8	91	0	118	12	0	13	0	25	14	16	4	0	34	6	13	21	0	40	217
05:15 PM	5	7	19	0	31	11	0	14	0	25	16	6	3	0	25	8	25	21	0	54	135
05:30 PM	11	8	25	0	44	6	0	15	0	21	12	11	5	0	28	8	21	4	0	33	126
05:45 PM	4	5	18	0	27	7	0	18	0	25	12	7	4	0	23	10	13	11	0	34	109
Total	39	28	153	0	220	36	0	60	0	96	54	40	16	0	110	32	72	57	0	161	587
Grand Total	115	42	484	0	641	64	0	115	0	179	104	72	36	0	212	49	123	113	0	285	1317
Apprch %	17.9	6.6	75.5	0		35.8	0	64.2	0		49.1	34	17	0		17.2	43.2	39.6	0		
Total %	8.7	3.2	36.8	0	48.7	4.9	0	8.7	0	13.6	7.9	5.5	2.7	0	16.1	3.7	9.3	8.6	0	21.6	



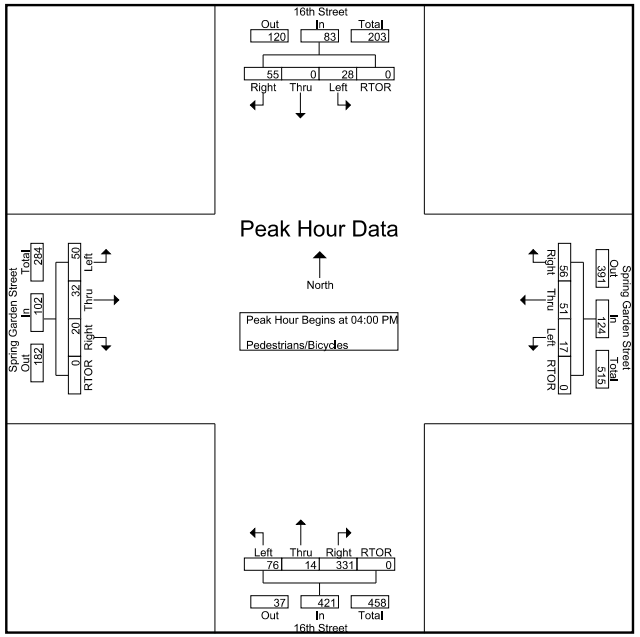
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Spring Garden Street and 16th Street

Counter: PTO 18
Counted by: JH
Weather: Clear
Saved as: 2012-09-14 PMSG16

File Name : 2012-09-14 PMSG16
Site Code : 00000000
Start Date : 9/14/2012
Page No : 2

	16th Street Northbound					16th Street Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	**22**	3	**145**	0	**170**	7	0	**16**	0	23	**19**	9	5	0	**33**	**7**	**14**	15	0	36	**262**
04:15 PM	20	**5**	69	0	94	**9**	0	14	0	23	7	3	**10**	0	20	3	11	7	0	21	158
04:30 PM	21	2	57	0	80	3	0	10	0	13	10	7	4	0	21	6	12	**25**	0	**43**	157
04:45 PM	13	4	60	0	77	9	0	15	0	**24**	14	**13**	1	0	28	1	14	9	0	24	153
Total Volume	76	14	331	0	421	28	0	55	0	83	50	32	20	0	102	17	51	56	0	124	730
% App. Total	18.1	3.3	78.6	0		33.7	0	66.3	0		49	31.4	19.6	0		13.7	41.1	45.2	0		
PHF	.864	.700	.571	.000	.619	.778	.000	.859	.000	.865	.658	.615	.500	.000	.773	.607	.911	.560	.000	.721	.697



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

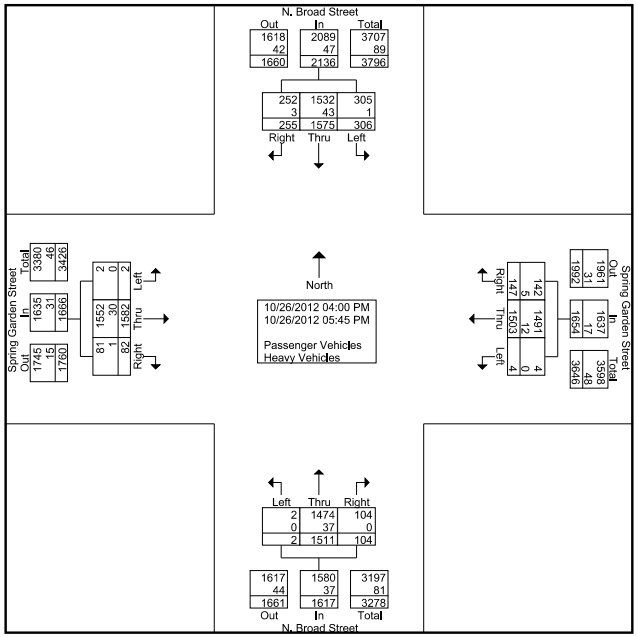
N. Broad Street and Spring Garden Street

Counter: LVO 18
Counted by: BP
Weather: Clear
Saved as: 2012-10-26 PMBSSGS

File Name : 2012-10-26 PMBSSGS
Site Code : 00000000
Start Date : 10/26/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	N. Broad Street Northbound					N. Broad Street Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	0	185	21	0	206	48	203	41	1	292	0	189	14	0	203	1	183	10	0	194	1	895	896
04:15 PM	0	182	13	0	195	37	222	29	0	288	0	174	13	1	187	0	204	24	0	228	1	898	899
04:30 PM	1	170	12	0	183	45	182	44	0	271	0	197	12	3	209	0	205	19	0	224	3	887	890
04:45 PM	0	164	9	0	173	36	160	33	0	229	1	204	8	0	213	0	170	13	0	183	0	798	798
Total	1	701	55	0	757	166	767	147	1	1080	1	764	47	4	812	1	762	66	0	829	5	3478	3483
05:00 PM	1	176	9	0	186	29	229	30	0	288	1	215	11	0	227	0	201	16	0	217	0	918	918
05:15 PM	0	197	18	0	215	48	199	32	0	279	0	204	8	0	212	2	193	14	0	209	0	915	915
05:30 PM	0	216	9	0	225	30	198	17	0	245	0	211	5	0	216	0	194	29	0	223	0	909	909
05:45 PM	0	221	13	0	234	33	182	29	0	244	0	188	11	1	199	1	153	22	0	176	1	853	854
Total	1	810	49	0	860	140	808	108	0	1056	1	818	35	1	854	3	741	81	0	825	1	3595	3596
Grand Total	2	1511	104	0	1617	306	1575	255	1	2136	2	1582	82	5	1666	4	1503	147	0	1654	6	7073	7079
Apprch %	0.1	93.4	6.4			14.3	73.7	11.9			0.1	95	4.9			0.2	90.9	8.9					
Total %	0	21.4	1.5		22.9	4.3	22.3	3.6		30.2	0	22.4	1.2		23.6	0.1	21.2	2.1		23.4	0.1	99.9	
Passenger Vehicles	2	1474	104		1580	305	1532	252		2090	2	1552	81		1639	4	1491	142		1637	0	0	6946
% Passenger Vehicles	100	97.6	100	0	97.7	99.7	97.3	98.8	100	97.8	100	98.1	98.8	80	98.1	100	99.2	96.6	0	99	0	0	98.1
Heavy Vehicles	0	37	0		37	1	43	3		47	0	30	1		32	0	12	5		17	0	0	133
% Heavy Vehicles	0	2.4	0	0	2.3	0.3	2.7	1.2	0	2.2	0	1.9	1.2	20	1.9	0	0.8	3.4	0	1	0	0	1.9



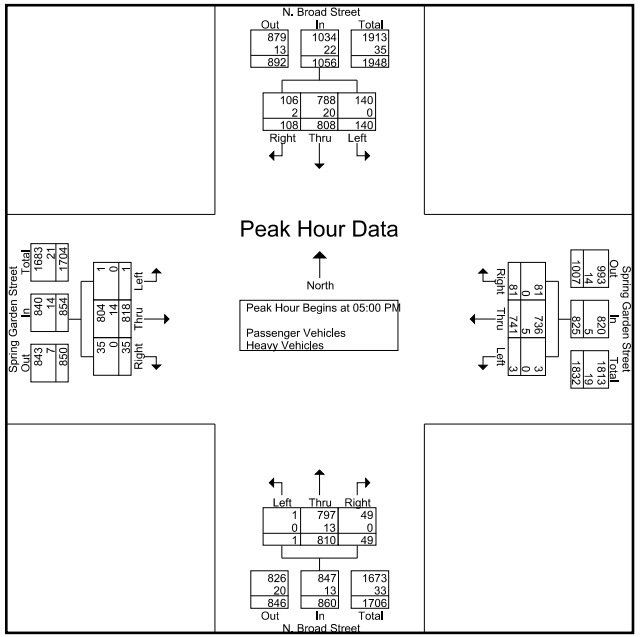
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

N. Broad Street and Spring Garden Street

Counter: LVO 18
Counted by: BP
Weather: Clear
Saved as: 2012-10-26 PMBSSGS

File Name : 2012-10-26 PMBSSGS
Site Code : 00000000
Start Date : 10/26/2012
Page No : 2

	N. Broad Street Northbound				N. Broad Street Southbound				Spring Garden Street Eastbound				Spring Garden Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**1**	176	9	186	29	**229**	30	**288**	**1**	**215**	**11**	**227**	0	**201**	16	217	**918**
05:15 PM	0	197	**18**	215	**48**	199	**32**	279	0	204	8	212	**2**	193	14	209	915
05:30 PM	0	216	9	225	30	198	17	245	0	211	5	216	0	194	**29**	**223**	909
05:45 PM	0	**221**	13	**234**	33	182	29	244	0	188	11	199	1	153	22	176	853
Total Volume	1	810	49	860	140	808	108	1056	1	818	35	854	3	741	81	825	3595
% App. Total	0.1	94.2	5.7		13.3	76.5	10.2		0.1	95.8	4.1		0.4	89.8	9.8		
PHF	.250	.916	.681	.919	.729	.882	.844	.917	.250	.951	.795	.941	.375	.922	.698	.925	.979
Passenger Vehicles	1	797	49	847	140	788	106	1034	1	804	35	840	3	736	81	820	3541
% Passenger Vehicles	100	98.4	100	98.5	100	97.5	98.1	97.9	100	98.3	100	98.4	100	99.3	100	99.4	98.5
Heavy Vehicles	0	13	0	13	0	20	2	22	0	14	0	14	0	5	0	5	54
% Heavy Vehicles	0	1.6	0	1.5	0	2.5	1.9	2.1	0	1.7	0	1.6	0	0.7	0	0.6	1.5



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

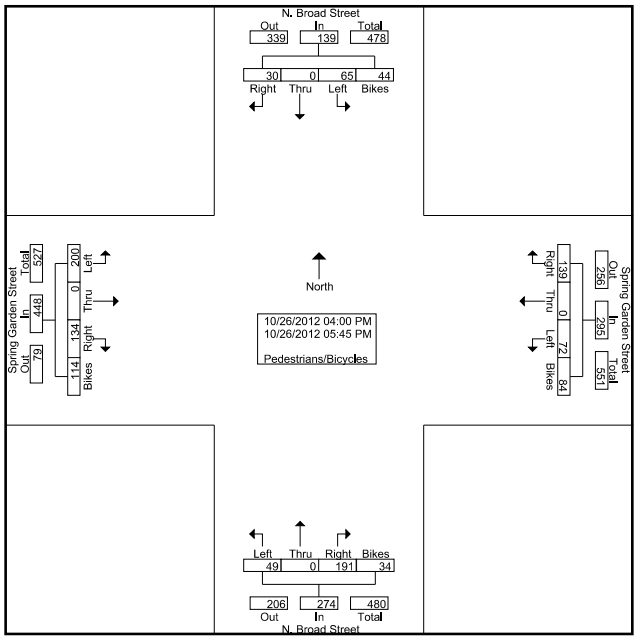
N. Broad Street and Spring Garden Street

Counter: LVO 18
Counted by: BP
Weather: Clear
Saved as: 2012-10-26 PMBSSGS

File Name : 2012-10-26 PMBSSGS
Site Code : 00000000
Start Date : 10/26/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	N. Broad Street Northbound					N. Broad Street Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	11	0	38	4	53	11	0	0	12	23	25	0	18	11	54	15	0	28	8	51	181
04:15 PM	6	0	21	3	30	12	0	1	6	19	25	0	22	14	61	14	0	17	11	42	152
04:30 PM	6	0	28	4	38	16	0	10	3	29	34	0	23	9	66	6	0	11	10	27	160
04:45 PM	12	0	23	5	40	6	0	3	5	14	29	0	15	6	50	9	0	26	10	45	149
Total	35	0	110	16	161	45	0	14	26	85	113	0	78	40	231	44	0	82	39	165	642
05:00 PM	2	0	36	3	41	8	0	3	5	16	11	0	13	17	41	5	0	18	9	32	130
05:15 PM	7	0	29	3	39	9	0	5	3	17	24	0	11	14	49	9	0	18	8	35	140
05:30 PM	3	0	9	7	19	2	0	4	7	13	18	0	14	24	56	8	0	11	20	39	127
05:45 PM	2	0	7	5	14	1	0	4	3	8	34	0	18	19	71	6	0	10	8	24	117
Total	14	0	81	18	113	20	0	16	18	54	87	0	56	74	217	28	0	57	45	130	514
Grand Total	49	0	191	34	274	65	0	30	44	139	200	0	134	114	448	72	0	139	84	295	1156
Apprch %	17.9	0	69.7	12.4		46.8	0	21.6	31.7		44.6	0	29.9	25.4		24.4	0	47.1	28.5		
Total %	4.2	0	16.5	2.9	23.7	5.6	0	2.6	3.8	12	17.3	0	11.6	9.9	38.8	6.2	0	12	7.3	25.5	



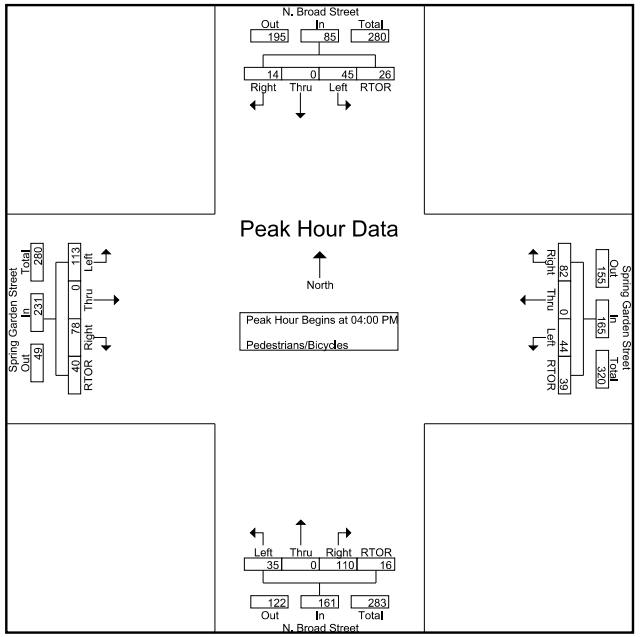
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

N. Broad Street and Spring Garden Street

Counter: LVO 18
Counted by: BP
Weather: Clear
Saved as: 2012-10-26 PMBSSGS

File Name : 2012-10-26 PMBSSGS
Site Code : 00000000
Start Date : 10/26/2012
Page No : 2

	N. Broad Street Northbound					N. Broad Street Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	11	0	**38**	4	**53**	11	0	0	**12**	23	25	0	18	11	54	**15**	0	**28**	8	**51**	**181**
04:15 PM	6	0	21	3	30	12	0	1	6	19	25	0	22	**14**	61	14	0	17	**11**	42	152
04:30 PM	6	0	28	4	38	**16**	0	**10**	3	**29**	**34**	0	**23**	9	**66**	6	0	11	10	27	160
04:45 PM	**12**	0	23	**5**	40	6	0	3	5	14	29	0	15	6	50	9	0	26	10	45	149
Total Volume	35	0	110	16	161	45	0	14	26	85	113	0	78	40	231	44	0	82	39	165	642
% App. Total	21.7	0	68.3	9.9		52.9	0	16.5	30.6		48.9	0	33.8	17.3		26.7	0	49.7	23.6		
PHF	.729	.000	.724	.800	.759	.703	.000	.350	.542	.733	.831	.000	.848	.714	.875	.733	.000	.732	.886	.809	.887



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

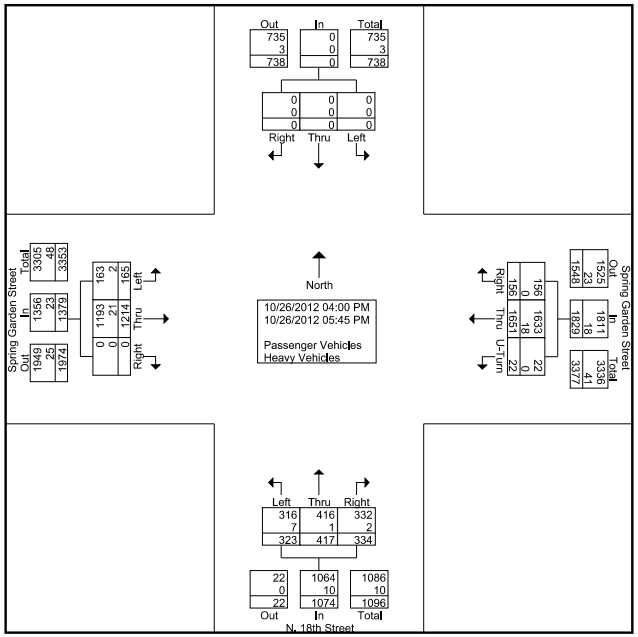
Spring Garden Street and N 18th Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-10-26 PMSGS18

File Name : 2012-10-26 PMSGS18
Site Code : 00000000
Start Date : 10/26/2012
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	N. 18th Street Northbound					Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	40	52	45	9	137	0	0	0	0	0	35	131	0	0	166	0	209	21	2	230	11	533	544
04:15 PM	45	45	39	4	129	0	0	0	0	0	28	150	0	0	178	5	208	8	1	221	5	528	533
04:30 PM	40	56	51	1	147	0	0	0	0	0	19	158	0	0	177	0	223	19	1	242	2	566	568
04:45 PM	38	52	38	10	128	0	0	0	0	0	13	148	0	0	161	3	206	17	0	226	10	515	525
Total	163	205	173	24	541	0	0	0	0	0	95	587	0	0	682	8	846	65	4	919	28	2142	2170
05:00 PM	44	48	48	11	140	0	0	0	0	0	12	133	0	0	145	2	218	19	0	239	11	524	535
05:15 PM	37	51	38	8	126	0	0	0	0	0	21	159	0	0	180	1	204	28	1	233	9	539	548
05:30 PM	40	59	43	12	142	0	0	0	0	0	15	164	0	0	179	6	192	29	2	227	14	548	562
05:45 PM	39	54	32	6	125	0	0	0	0	0	22	171	0	0	193	5	191	15	0	211	6	529	535
Total	160	212	161	37	533	0	0	0	0	0	70	627	0	0	697	14	805	91	3	910	40	2140	2180
Grand Total	323	417	334	61	1074	0	0	0	0	0	165	1214	0	0	1379	22	1651	156	7	1829	68	4282	4350
Apprch %	30.1	38.8	31.1			0	0	0			12	88	0			1.2	90.3	8.5					
Total %	7.5	9.7	7.8		25.1	0	0	0		0	3.9	28.4	0		32.2	0.5	38.6	3.6		42.7	1.6	98.4	
Passenger Vehicles	316	416	332		1124	0	0	0		0	163	1193	0		1356	22	1633	156		1818	0	0	4298
% Passenger Vehicles	97.8	99.8	99.4	98.4	99	0	0	0	0	0	98.8	98.3	0	0	98.3	100	98.9	100	100	99	0	0	98.8
Heavy Vehicles	7	1	2		11	0	0	0		0	2	21	0		23	0	18	0		18	0	0	52
% Heavy Vehicles	2.2	0.2	0.6	1.6	1	0	0	0	0	0	1.2	1.7	0	0	1.7	0	1.1	0	0	1	0	0	1.2



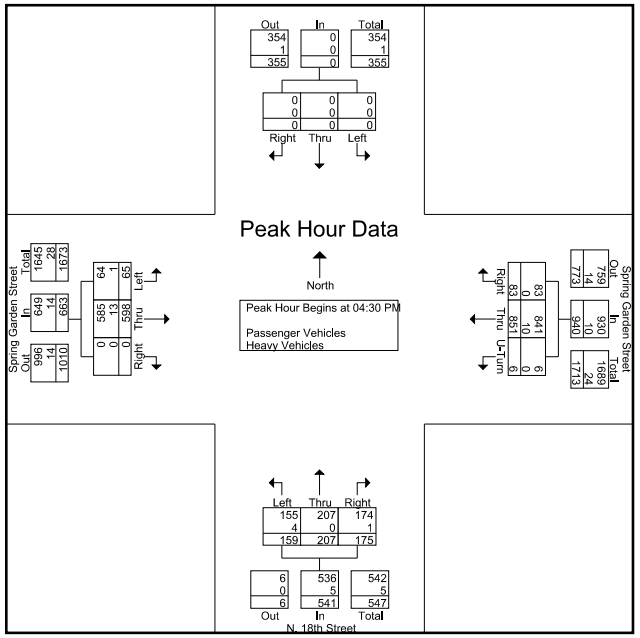
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Spring Garden Street and N 18th Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-10-26 PMSGS18

File Name : 2012-10-26 PMSGS18
Site Code : 00000000
Start Date : 10/26/2012
Page No : 2

	N. 18th Street Northbound				Southbound				Spring Garden Street Eastbound				Spring Garden Street Westbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	40	**56**	**51**	**147**	0	0	0	0	19	158	0	177	0	**223**	19	**242**	**566**
04:45 PM	38	52	38	128	0	0	0	0	13	148	0	161	**3**	206	17	226	515
05:00 PM	**44**	48	48	140	0	0	0	0	12	133	0	145	2	218	19	239	524
05:15 PM	37	51	38	126	0	0	0	0	**21**	**159**	0	**180**	1	204	**28**	233	539
Total Volume	159	207	175	541	0	0	0	0	65	598	0	663	6	851	83	940	2144
% App. Total	29.4	38.3	32.3		0	0	0		9.8	90.2	0		0.6	90.5	8.8		
PHF	.903	.924	.858	.920	.000	.000	.000	.000	.774	.940	.000	.921	.500	.954	.741	.971	.947
Passenger Vehicles	155	207	174	536	0	0	0	0	64	585	0	649	6	841	83	930	2115
% Passenger Vehicles	97.5	100	99.4	99.1	0	0	0	0	98.5	97.8	0	97.9	100	98.8	100	98.9	98.6
Heavy Vehicles	4	0	1	5	0	0	0	0	1	13	0	14	0	10	0	10	29
% Heavy Vehicles	2.5	0	0.6	0.9	0	0	0	0	1.5	2.2	0	2.1	0	1.2	0	1.1	1.4



Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

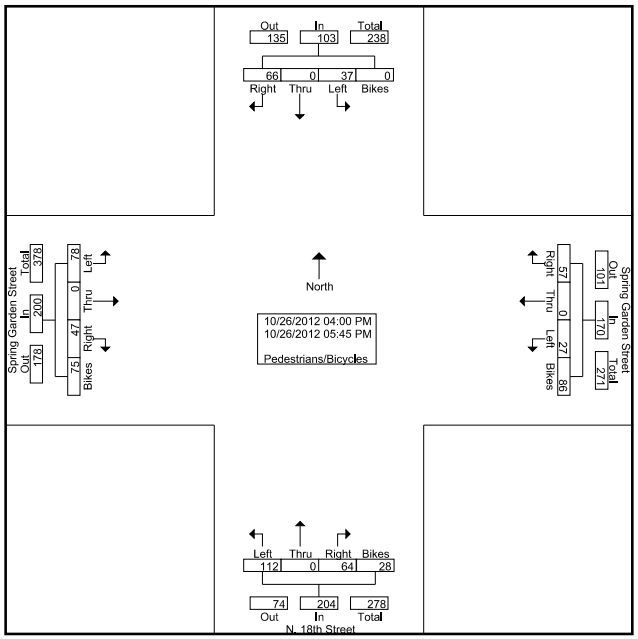
Spring Garden Street and N 18th Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-10-26 PMSGS18

File Name : 2012-10-26 PMSGS18
Site Code : 00000000
Start Date : 10/26/2012
Page No : 1

Groups Printed- Pedestrians/Bicycles

	N. 18th Street Northbound					Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
04:00 PM	20	0	11	2	33	3	0	9	0	12	7	0	4	7	18	1	0	9	19	29	92
04:15 PM	8	0	8	6	22	4	0	9	0	13	8	0	5	6	19	0	0	13	6	19	73
04:30 PM	14	0	4	6	24	0	0	5	0	5	7	0	6	8	21	5	0	4	12	21	71
04:45 PM	17	0	7	5	29	5	0	10	0	15	9	0	8	6	23	8	0	5	8	21	88
Total	59	0	30	19	108	12	0	33	0	45	31	0	23	27	81	14	0	31	45	90	324
05:00 PM	21	0	9	2	32	3	0	6	0	9	13	0	4	10	27	7	0	8	8	23	91
05:15 PM	17	0	12	5	34	6	0	5	0	11	19	0	8	14	41	3	0	4	6	13	99
05:30 PM	10	0	7	1	18	10	0	13	0	23	7	0	8	13	28	1	0	9	16	26	95
05:45 PM	5	0	6	1	12	6	0	9	0	15	8	0	4	11	23	2	0	5	11	18	68
Total	53	0	34	9	96	25	0	33	0	58	47	0	24	48	119	13	0	26	41	80	353
Grand Total	112	0	64	28	204	37	0	66	0	103	78	0	47	75	200	27	0	57	86	170	677
Apprch %	54.9	0	31.4	13.7		35.9	0	64.1	0		39	0	23.5	37.5		15.9	0	33.5	50.6		
Total %	16.5	0	9.5	4.1	30.1	5.5	0	9.7	0	15.2	11.5	0	6.9	11.1	29.5	4	0	8.4	12.7	25.1	



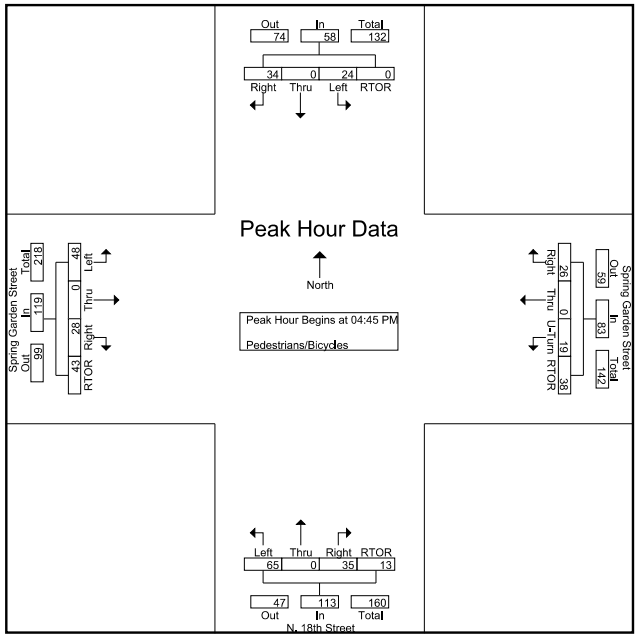
Traffic Planning and Design, Inc.
2 Riverside Drive, Suite 506
Camden, New Jersey 08103

Spring Garden Street and N 18th Street

Counter: SJO 26
Counted by: JH
Weather: Clear
Saved as: 2012-10-26 PMSGS18

File Name : 2012-10-26 PMSGS18
Site Code : 00000000
Start Date : 10/26/2012
Page No : 2

	N. 18th Street Northbound					Southbound					Spring Garden Street Eastbound					Spring Garden Street Westbound					
Start Time	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	17	0	7	**5**	29	5	0	10	0	15	9	0	**8**	6	23	**8**	0	5	8	21	88
05:00 PM	**21**	0	9	2	32	3	0	6	0	9	13	0	4	10	27	7	0	8	8	23	91
05:15 PM	17	0	**12**	5	**34**	6	0	5	0	11	**19**	0	8	**14**	**41**	3	0	4	6	13	**99**
05:30 PM	10	0	7	1	18	**10**	0	**13**	0	**23**	7	0	8	13	28	1	0	**9**	**16**	**26**	95
Total Volume	65	0	35	13	113	24	0	34	0	58	48	0	28	43	119	19	0	26	38	83	373
% App. Total	57.5	0	31	11.5		41.4	0	58.6	0		40.3	0	23.5	36.1		22.9	0	31.3	45.8		
PHF	.774	.000	.729	.650	.831	.600	.000	.654	.000	.630	.632	.000	.875	.768	.726	.594	.000	.722	.594	.798	.942



Traffic Planning & Design, Inc.

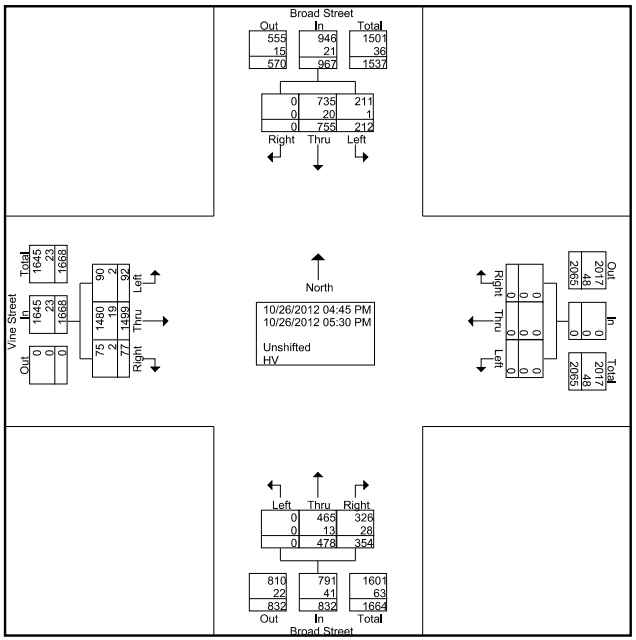
2500 East High Street
Pottstown, PA 19464
Broad Street & EB Vine Street

Counter: D4-5387
Counted by: C. Duane
Weather: Cloudy
Saved as: 2012-10-26 PMBSEBVS

File Name : 2012-10-26 PMBSEBV
Site Code : 00000000
Start Date : 10/26/2012
Page No : 1

Groups Printed- Unshifted - HV

	Broad Street Southbound					Westbound					Broad Street Northbound					Vine Street Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:45 PM	60	209	0	0	269	0	0	0	0	0	0	130	89	0	219	23	374	18	0	415	0	903	903
Total	60	209	0	0	269	0	0	0	0	0	0	130	89	0	219	23	374	18	0	415	0	903	903
05:00 PM	61	193	0	0	254	0	0	0	0	0	0	77	63	0	140	30	380	19	0	429	0	823	823
05:15 PM	39	164	0	0	203	0	0	0	0	0	0	126	98	0	224	22	400	22	1	444	1	871	872
05:30 PM	52	189	0	0	241	0	0	0	0	0	0	145	104	0	249	17	345	18	0	380	0	870	870
Grand Total	212	755	0	0	967	0	0	0	0	0	0	478	354	0	832	92	1499	77	1	1668	1	3467	3468
Apprch %	21.9	78.1	0			0	0	0			0	57.5	42.5			5.5	89.9	4.6					
Total %	6.1	21.8	0		27.9	0	0	0		0	0	13.8	10.2		24	2.7	43.2	2.2		48.1	0	100	
Unshifted	211	735	0		946	0	0	0		0	0	465	326		791	90	1480	75		1646	0	0	3383
% Unshifted	99.5	97.4	0	0	97.8	0	0	0	0	0	0	97.3	92.1	0	95.1	97.8	98.7	97.4	100	98.6	0	0	97.5
HV	1	20	0		21	0	0	0		0	0	13	28		41	2	19	2		23	0	0	85
% HV	0.5	2.6	0	0	2.2	0	0	0	0	0	0	2.7	7.9	0	4.9	2.2	1.3	2.6	0	1.4	0	0	2.5



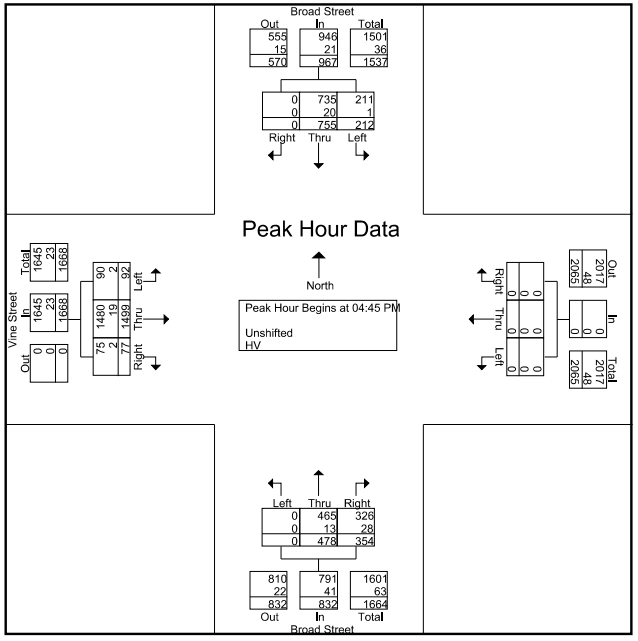
Traffic Planning & Design, Inc.

2500 East High Street
Pottstown, PA 19464
Broad Street & EB Vine Street

Counter: D4-5387
Counted by: C. Duane
Weather: Cloudy
Saved as: 2012-10-26 PMBSEBVS

File Name : 2012-10-26 PMBSEBV
Site Code : 00000000
Start Date : 10/26/2012
Page No : 2

	Broad Street Southbound				Westbound				Broad Street Northbound				Vine Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	60	**209**	0	**269**	0	0	0	0	0	130	89	219	23	374	18	415	**903**
05:00 PM	**61**	193	0	254	0	0	0	0	0	77	63	140	**30**	380	19	429	823
05:15 PM	39	164	0	203	0	0	0	0	0	126	98	224	22	**400**	**22**	**444**	871
05:30 PM	52	189	0	241	0	0	0	0	0	**145**	**104**	**249**	17	345	18	380	870
Total Volume	212	755	0	967	0	0	0	0	0	478	354	832	92	1499	77	1668	3467
% App. Total	21.9	78.1	0		0	0	0		0	57.5	42.5		5.5	89.9	4.6		
PHF	.869	.903	.000	.899	.000	.000	.000	.000	.000	.824	.851	.835	.767	.937	.875	.939	.960
Unshifted	211	735	0	946	0	0	0	0	0	465	326	791	90	1480	75	1645	3382
% Unshifted	99.5	97.4	0	97.8	0	0	0	0	0	97.3	92.1	95.1	97.8	98.7	97.4	98.6	97.5
HV	1	20	0	21	0	0	0	0	0	13	28	41	2	19	2	23	85
% HV	0.5	2.6	0	2.2	0	0	0	0	0	2.7	7.9	4.9	2.2	1.3	2.6	1.4	2.5



Traffic Planning & Design, Inc.

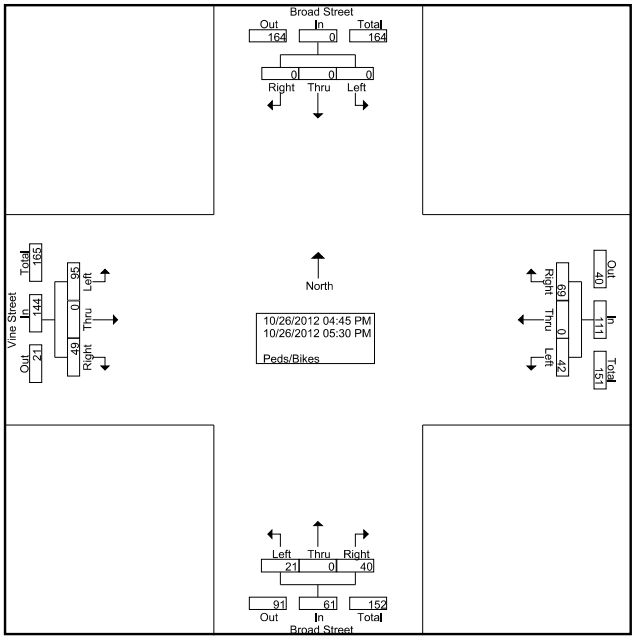
2500 East High Street
Pottstown, PA 19464
Broad Street & EB Vine Street

Counter: D4-5387
Counted by: C. Duane
Weather: Cloudy
Saved as: 2012-10-26 PMBSEBVS

File Name : 2012-10-26 PMBSEBV
Site Code : 00000000
Start Date : 10/26/2012
Page No : 1

Groups Printed- Peds/Bikes

	Broad Street Southbound					Westbound					Broad Street Northbound					Vine Street Eastbound							
Start Time	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Left	Thru	Right	BIKES	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:45 PM	0	0	0	0	0	15	0	13	0	28	5	0	9	1	14	22	0	7	0	29	1	71	72
Total	0	0	0	0	0	15	0	13	0	28	5	0	9	1	14	22	0	7	0	29	1	71	72
05:00 PM	0	0	0	3	0	12	0	18	0	30	6	0	4	4	10	24	0	17	0	41	7	81	88
05:15 PM	0	0	0	4	0	13	0	21	1	34	7	0	15	1	22	18	0	6	1	24	7	80	87
05:30 PM	0	0	0	4	0	2	0	17	0	19	3	0	12	6	15	31	0	19	3	50	13	84	97
Grand Total	0	0	0	11	0	42	0	69	1	111	21	0	40	12	61	95	0	49	4	144	28	316	344
Apprch %	0	0	0			37.8	0	62.2			34.4	0	65.6			66	0	34					
Total %	0	0	0		0	13.3	0	21.8		35.1	6.6	0	12.7		19.3	30.1	0	15.5		45.6	8.1	91.9	



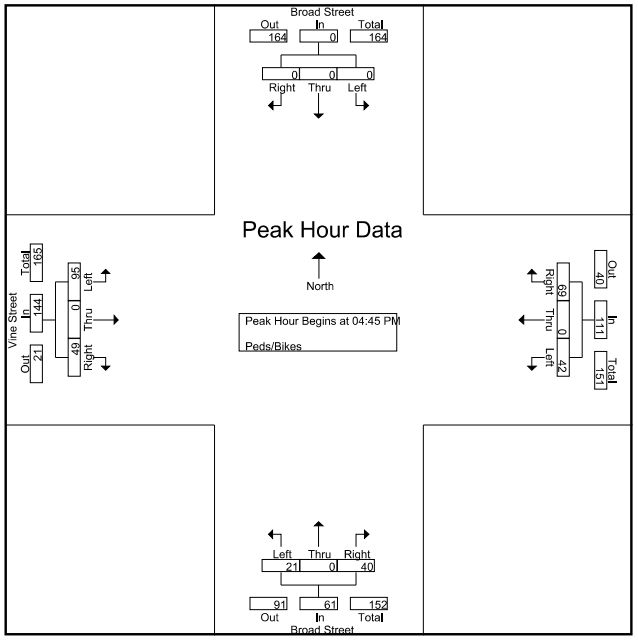
Traffic Planning & Design, Inc.

2500 East High Street
Pottstown, PA 19464
Broad Street & EB Vine Street

Counter: D4-5387
Counted by: C. Duane
Weather: Cloudy
Saved as: 2012-10-26 PMBSEBVS

File Name : 2012-10-26 PMBSEBV
Site Code : 00000000
Start Date : 10/26/2012
Page No : 2

	Broad Street Southbound				Westbound				Broad Street Northbound				Vine Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	**15**	0	13	28	5	0	9	14	22	0	7	29	71
05:00 PM	0	0	0	0	12	0	18	30	6	0	4	10	24	0	17	41	81
05:15 PM	0	0	0	0	13	0	**21**	**34**	**7**	0	**15**	**22**	18	0	6	24	80
05:30 PM	0	0	0	0	2	0	17	19	3	0	12	15	**31**	0	**19**	**50**	**84**
Total Volume	0	0	0	0	42	0	69	111	21	0	40	61	95	0	49	144	316
% App. Total	0	0	0		37.8	0	62.2		34.4	0	65.6		66	0	34		
PHF	.000	.000	.000	.000	.700	.000	.821	.816	.750	.000	.667	.693	.766	.000	.645	.720	.940



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/Broad St
Date: Friday, June 14, 2013
Counter: MIO 116181

File Name : FM 0614 1
Site Code : 01
Start Date : 6/14/2013
Page No : 1

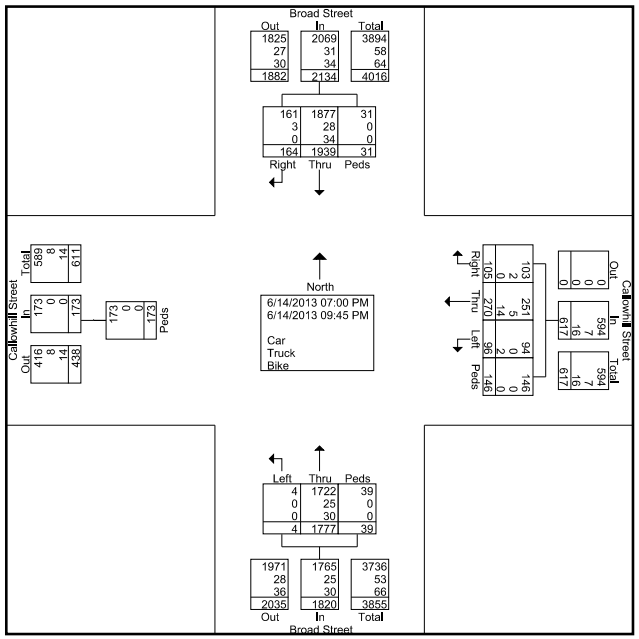
Groups Printed- Car - Truck - Bike

	Broad Street Southbound				Callowhill Street Westbound					Broad Street Northbound				Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0		1.0		
07:00 PM	23	202	3	228	15	41	10	15	81	138	1	3	142	8	8	459
07:15 PM	29	204	9	242	9	29	6	17	61	152	0	7	159	14	14	476
07:30 PM	13	182	1	196	5	26	8	16	55	135	0	1	136	12	12	399
07:45 PM	16	173	2	191	12	26	6	17	61	126	0	2	128	14	14	394
Total	81	761	15	857	41	122	30	65	258	551	1	13	565	48	48	1728
08:00 PM	15	155	1	171	7	21	9	9	46	147	0	1	148	16	16	381
08:15 PM	15	158	4	177	9	27	6	7	49	113	1	6	120	12	12	358
08:30 PM	10	151	4	165	7	20	11	5	43	135	1	3	139	35	35	382
08:45 PM	7	135	0	142	13	14	9	11	47	163	1	5	169	12	12	370
Total	47	599	9	655	36	82	35	32	185	558	3	15	576	75	75	1491
09:00 PM	11	129	3	143	6	15	7	12	40	168	0	4	172	14	14	369
09:15 PM	7	143	2	152	10	20	10	18	58	157	0	2	159	16	16	385
09:30 PM	13	149	0	162	3	10	9	12	34	167	0	4	171	12	12	379
09:45 PM	5	158	2	165	9	21	5	7	42	176	0	1	177	8	8	392
Total	36	579	7	622	28	66	31	49	174	668	0	11	679	50	50	1525
Grand Total	164	1939	31	2134	105	270	96	146	617	1777	4	39	1820	173	173	4744
Apprch %	7.7	90.9	1.5		17	43.8	15.6	23.7		97.6	0.2	2.1		100		
Total %	3.5	40.9	0.7	45	2.2	5.7	2	3.1	13	37.5	0.1	0.8	38.4	3.6	3.6	
Car	161	1877	31	2069	103	251	94	146	594	1722	4	39	1765	173	173	4601
% Car	98.2	96.8	100	97	98.1	93	97.9	100	96.3	96.9	100	100	97	100	100	97
Truck	3	28	0	31	2	5	0	0	7	25	0	0	25	0	0	63
% Truck	1.8	1.4	0	1.5	1.9	1.9	0	0	1.1	1.4	0	0	1.4	0	0	1.3
Bike	0	34	0	34	0	14	2	0	16	30	0	0	30	0	0	80
% Bike	0	1.8	0	1.6	0	5.2	2.1	0	2.6	1.7	0	0	1.6	0	0	1.7

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/Broad St
Date: Friday, June 14, 2013
Counter: MIO 116181

File Name : FM 0614 1
Site Code : 01
Start Date : 6/14/2013
Page No : 2

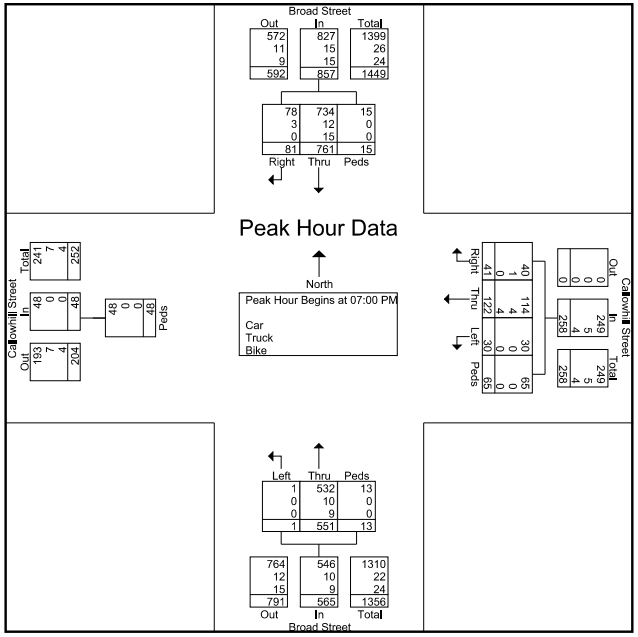


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/Broad St
Date: Friday, June 14, 2013
Counter: MIO 116181

File Name : FM 0614 1
Site Code : 01
Start Date : 6/14/2013
Page No : 3

	Broad Street Southbound				Callowhill Street Westbound					Broad Street Northbound				Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:00 PM																
07:00 PM	23	202	3	228	**15**	**41**	**10**	15	**81**	138	**1**	3	142	8	8	459
07:15 PM	**29**	**204**	**9**	**242**	9	29	6	**17**	61	**152**	0	**7**	**159**	**14**	**14**	**476**
07:30 PM	13	182	1	196	5	26	8	16	55	135	0	1	136	12	12	399
07:45 PM	16	173	2	191	12	26	6	17	61	126	0	2	128	14	14	394
Total Volume	81	761	15	857	41	122	30	65	258	551	1	13	565	48	48	1728
% App. Total	9.5	88.8	1.8		15.9	47.3	11.6	25.2		97.5	0.2	2.3		100		
PHF	.698	.933	.417	.885	.683	.744	.750	.956	.796	.906	.250	.464	.888	.857	.857	.908
Car	78	734	15	827	40	114	30	65	249	532	1	13	546	48	48	1670
% Car	96.3	96.5	100	96.5	97.6	93.4	100	100	96.5	96.6	100	100	96.6	100	100	96.6
Truck	3	12	0	15	1	4	0	0	5	10	0	0	10	0	0	30
% Truck	3.7	1.6	0	1.8	2.4	3.3	0	0	1.9	1.8	0	0	1.8	0	0	1.7
Bike	0	15	0	15	0	4	0	0	4	9	0	0	9	0	0	28
% Bike	0	2.0	0	1.8	0	3.3	0	0	1.6	1.6	0	0	1.6	0	0	1.6



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Friday, June 14, 2013
Counter: MIO 116184

File Name : FM 0614 2
Site Code : 02
Start Date : 6/14/2013
Page No : 1

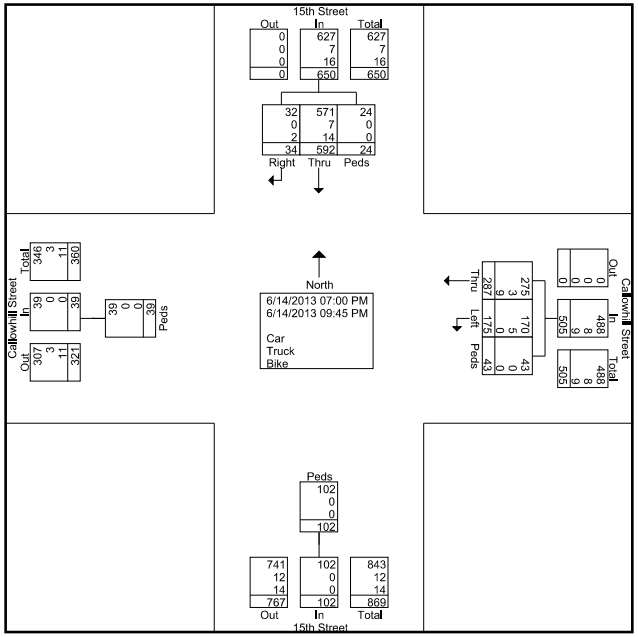
Groups Printed- Car - Truck - Bike

	15th Street Southbound				Callowhill Street Westbound				15th Street Northbound		Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0		1.0		
07:00 PM	7	64	0	71	55	23	5	83	11	11	3	3	168
07:15 PM	3	58	6	67	29	25	5	59	7	7	6	6	139
07:30 PM	2	45	3	50	23	18	1	42	14	14	4	4	110
07:45 PM	4	62	1	67	28	16	8	52	9	9	2	2	130
Total	16	229	10	255	135	82	19	236	41	41	15	15	547
08:00 PM	2	41	2	45	25	13	3	41	9	9	4	4	99
08:15 PM	3	55	5	63	26	16	2	44	10	10	1	1	118
08:30 PM	2	54	1	57	20	13	3	36	10	10	4	4	107
08:45 PM	2	42	0	44	16	6	1	23	5	5	1	1	73
Total	9	192	8	209	87	48	9	144	34	34	10	10	397
09:00 PM	5	51	2	58	16	15	7	38	4	4	3	3	103
09:15 PM	1	50	0	51	19	6	3	28	9	9	2	2	90
09:30 PM	0	31	1	32	16	10	1	27	10	10	8	8	77
09:45 PM	3	39	3	45	14	14	4	32	4	4	1	1	82
Total	9	171	6	186	65	45	15	125	27	27	14	14	352
Grand Total	34	592	24	650	287	175	43	505	102	102	39	39	1296
Apprch %	5.2	91.1	3.7		56.8	34.7	8.5		100		100		
Total %	2.6	45.7	1.9	50.2	22.1	13.5	3.3	39	7.9	7.9	3	3	
Car	32	571	24	627	275	170	43	488	102	102	39	39	1256
% Car	94.1	96.5	100	96.5	95.8	97.1	100	96.6	100	100	100	100	96.9
Truck	0	7	0	7	3	5	0	8	0	0	0	0	15
% Truck	0	1.2	0	1.1	1	2.9	0	1.6	0	0	0	0	1.2
Bike	2	14	0	16	9	0	0	9	0	0	0	0	25
% Bike	5.9	2.4	0	2.5	3.1	0	0	1.8	0	0	0	0	1.9

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Friday, June 14, 2013
Counter: MIO 116184

File Name : FM 0614 2
Site Code : 02
Start Date : 6/14/2013
Page No : 2

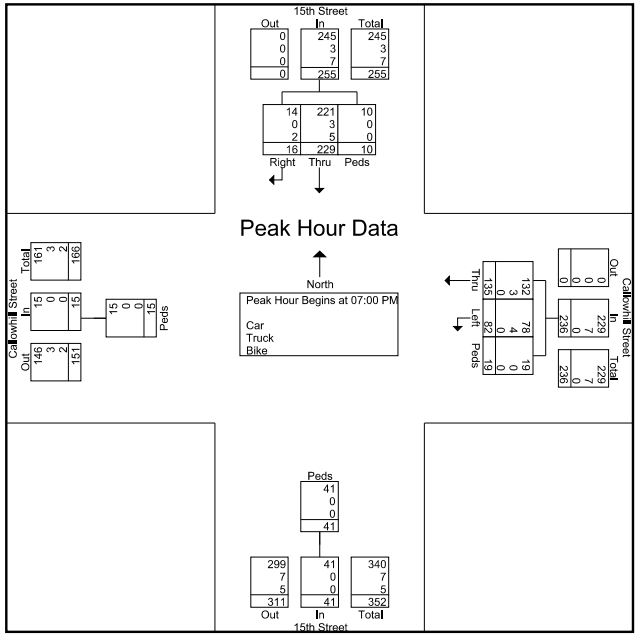


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Friday, June 14, 2013
Counter: MIO 116184

File Name : FM 0614 2
Site Code : 02
Start Date : 6/14/2013
Page No : 3

	15th Street Southbound				Callowhill Street Westbound				15th Street Northbound		Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 PM													
07:00 PM	**7**	**64**	0	**71**	**55**	23	5	**83**	11	11	3	3	**168**
07:15 PM	3	58	**6**	67	29	**25**	5	59	7	7	**6**	**6**	139
07:30 PM	2	45	3	50	23	18	1	42	**14**	**14**	4	4	110
07:45 PM	4	62	1	67	28	16	**8**	52	9	9	2	2	130
Total Volume	16	229	10	255	135	82	19	236	41	41	15	15	547
% App. Total	6.3	89.8	3.9		57.2	34.7	8.1		100		100		
PHF	.571	.895	.417	.898	.614	.820	.594	.711	.732	.732	.625	.625	.814
Car	14	221	10	245	132	78	19	229	41	41	15	15	530
% Car	87.5	96.5	100	96.1	97.8	95.1	100	97.0	100	100	100	100	96.9
Truck	0	3	0	3	3	4	0	7	0	0	0	0	10
% Truck	0	1.3	0	1.2	2.2	4.9	0	3.0	0	0	0	0	1.8
Bike	2	5	0	7	0	0	0	0	0	0	0	0	7
% Bike	12.5	2.2	0	2.7	0	0	0	0	0	0	0	0	1.3



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Friday, June 14, 2013
Counter: MIO 116184

File Name : FM 0614 2
Site Code : 02
Start Date : 6/14/2013
Page No : 4

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 17th St/Callowhill St
Date: Friday, June 14, 2013
Counter: JV

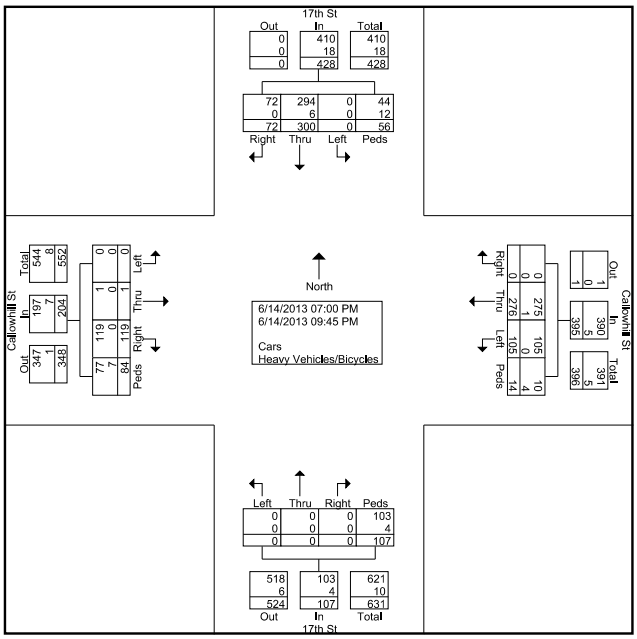
File Name : FM0614 3
Site Code : 00000000
Start Date : 6/14/2013
Page No : 1

Groups Printed- Cars - Heavy Vehicles/Bicycles

Start Time	17th St Southbound					Callowhill St Westbound					17th St Northbound					Callowhill St Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 PM	7	30	0	8	45	0	37	17	1	55	0	0	0	19	19	16	0	0	8	24	143
07:15 PM	6	30	0	13	49	0	21	15	2	38	0	0	0	10	10	9	0	0	13	22	119
07:30 PM	9	26	0	7	42	0	25	10	2	37	0	0	0	16	16	9	0	0	17	26	121
07:45 PM	8	39	0	3	50	0	27	14	2	43	0	0	0	12	12	9	0	0	6	15	120
Total	30	125	0	31	186	0	110	56	7	173	0	0	0	57	57	43	0	0	44	87	503
08:00 PM	7	26	0	6	39	0	27	9	1	37	0	0	0	9	9	14	1	0	14	29	114
08:15 PM	6	25	0	14	45	0	27	10	0	37	0	0	0	18	18	4	0	0	0	4	104
08:30 PM	8	26	0	1	35	0	20	7	1	28	0	0	0	3	3	15	0	0	11	26	92
08:45 PM	1	25	0	0	26	0	20	6	1	27	0	0	0	8	8	9	0	0	5	14	75
Total	22	102	0	21	145	0	94	32	3	129	0	0	0	38	38	42	1	0	30	73	385
09:00 PM	5	25	0	0	30	0	26	2	2	30	0	0	0	5	5	12	0	0	3	15	80
09:15 PM	5	19	0	2	26	0	22	9	1	32	0	0	0	5	5	8	0	0	5	13	76
09:30 PM	5	18	0	1	24	0	13	4	1	18	0	0	0	2	2	11	0	0	2	13	57
09:45 PM	5	11	0	1	17	0	11	2	0	13	0	0	0	0	0	3	0	0	0	3	33
Total	20	73	0	4	97	0	72	17	4	93	0	0	0	12	12	34	0	0	10	44	246
Grand Total	72	300	0	56	428	0	276	105	14	395	0	0	0	107	107	119	1	0	84	204	1134
Apprch %	16.8	70.1	0	13.1		0	69.9	26.6	3.5		0	0	0	100		58.3	0.5	0	41.2		
Total %	6.3	26.5	0	4.9	37.7	0	24.3	9.3	1.2	34.8	0	0	0	9.4	9.4	10.5	0.1	0	7.4	18	
Cars	72	294	0	44	410	0	275	105	10	390	0	0	0	103	103	119	1	0	77	197	1100
% Cars	100	98	0	78.6	95.8	0	99.6	100	71.4	98.7	0	0	0	96.3	96.3	100	100	0	91.7	96.6	97
Heavy Vehicles/Bicycles	0	6	0	12	18	0	1	0	4	5	0	0	0	4	4	0	0	0	7	7	34
% Heavy Vehicles/Bicycles																					

Location: Philadelphia County, PA
Intersection: 17th St/Callowhill St
Date: Friday, June 14, 2013
Counter: JV

File Name : FM0614 3
Site Code : 00000000
Start Date : 6/14/2013
Page No : 2



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 17th St/Callowhill St
Date: Friday, June 14, 2013
Counter: JV

File Name : FM0614 3
Site Code : 00000000
Start Date : 6/14/2013
Page No : 3

	17th St Southbound					Callowhill St Westbound					17th St Northbound					Callowhill St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 PM																					
07:00 PM	7	30	0	8	45	0	**37**	**17**	1	**55**	0	0	0	**19**	**19**	**16**	0	0	8	24	**143**
07:15 PM	6	30	0	**13**	49	0	21	15	**2**	38	0	0	0	10	10	9	0	0	13	22	119
07:30 PM	**9**	26	0	7	42	0	25	10	2	37	0	0	0	16	16	9	0	0	**17**	**26**	121
07:45 PM	8	**39**	0	3	**50**	0	27	14	2	43	0	0	0	12	12	9	0	0	6	15	120
Total Volume	30	125	0	31	186	0	110	56	7	173	0	0	0	57	57	43	0	0	44	87	503
% App. Total	16.1	67.2	0	16.7		0	63.6	32.4	4		0	0	0	100		49.4	0	0	50.6		
PHF	.833	.801	.000	.596	.930	.000	.743	.824	.875	.786	.000	.000	.000	.750	.750	.672	.000	.000	.647	.837	.879
Cars	30	122	0	24	176	0	109	56	6	171	0	0	0	54	54	43	0	0	41	84	485
% Cars	100	97.6	0	77.4	94.6	0	99.1	100	85.7	98.8	0	0	0	94.7	94.7	100	0	0	93.2	96.6	96.4
Heavy Vehicles/Bicycles	0	3	0	7	10	0	1	0	1	2	0	0	0	3	3	0	0	0	3	3	18
% Heavy Vehicles/Bicycles																					

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

File Name : FM0614 3
Site Code : 00000000
Start Date : 6/14/2013
Page No : 4

Location: Philadelphia County, PA
Intersection: 17th St/Callowhill St
Date: Friday, June 14, 2013
Counter: JV

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/Broad St
Date: Friday, June 14th, 2013
Counter: MIO 116120

File Name : FM0614 5
Site Code :
Start Date : 6/14/2013
Page No : 1

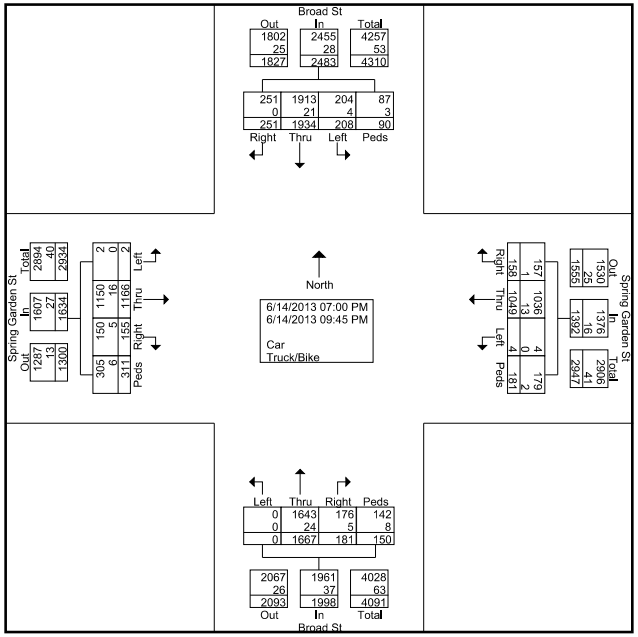
Groups Printed- Car - Truck/Bike

	Broad St Southbound					Spring Garden St Westbound					Broad St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:00 PM	20	216	21	6	263	14	111	1	24	150	16	140	0	18	174	18	107	0	54	179	766
07:15 PM	28	214	18	10	270	13	86	0	18	117	19	148	0	19	186	12	143	1	46	202	775
07:30 PM	33	183	16	2	234	15	95	0	21	131	13	118	0	14	145	12	122	0	36	170	680
07:45 PM	20	181	20	8	229	9	98	1	17	125	8	137	0	10	155	16	108	0	15	139	648
Total	101	794	75	26	996	51	390	2	80	523	56	543	0	61	660	58	480	1	151	690	2869
08:00 PM	18	157	21	3	199	13	95	0	18	126	22	146	0	19	187	9	94	0	26	129	641
08:15 PM	19	151	16	11	197	13	79	0	18	110	18	110	0	17	145	15	115	0	21	151	603
08:30 PM	18	132	12	9	171	14	80	0	10	104	16	129	0	10	155	22	85	0	15	122	552
08:45 PM	19	132	15	9	175	11	70	0	10	91	8	171	0	19	198	9	71	0	22	102	566
Total	74	572	64	32	742	51	324	0	56	431	64	556	0	65	685	55	365	0	84	504	2362
09:00 PM	15	132	14	5	166	16	94	0	16	126	12	143	0	11	166	9	79	0	18	106	564
09:15 PM	12	134	14	12	172	14	65	0	13	92	12	141	0	1	154	14	88	1	24	127	545
09:30 PM	20	161	18	5	204	15	90	0	11	116	17	143	0	7	167	9	75	0	24	108	595
09:45 PM	29	141	23	10	203	11	86	2	5	104	20	141	0	5	166	10	79	0	10	99	572
Total	76	568	69	32	745	56	335	2	45	438	61	568	0	24	653	42	321	1	76	440	2276
Grand Total	251	1934	208	90	2483	158	1049	4	181	1392	181	1667	0	150	1998	155	1166	2	311	1634	7507
Apprch %	10.1	77.9	8.4	3.6		11.4	75.4	0.3	13		9.1	83.4	0	7.5		9.5	71.4	0.1	19		
Total %	3.3	25.8	2.8	1.2	33.1	2.1	14	0.1	2.4	18.5	2.4	22.2	0	2	26.6	2.1	15.5	0	4.1	21.8	
Car	251	1913	204	87	2455	157	1036	4	179	1376	176	1643	0	142	1961	150	1150	2	305	1607	7399
% Car	100	98.9	98.1	96.7	98.9	99.4	98.8	100	98.9	98.9	97.2	98.6	0	94.7	98.1	96.8	98.6	100	98.1	98.3	98.6
Truck/Bike	0	21	4	3	28	1	13	0	2	16	5	24	0	8	37	5	16	0	6	27	108
% Truck/Bike	0	1.1	1.9	3.3	1.1	0.6	1.2	0	1.1	1.1	2.8	1.4	0	5.3	1.9	3.2	1.4	0	1.9	1.7	1.4

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/Broad St
Date: Friday, June 14th, 2013
Counter: MIO 116120

File Name : FM0614 5
Site Code :
Start Date : 6/14/2013
Page No : 2

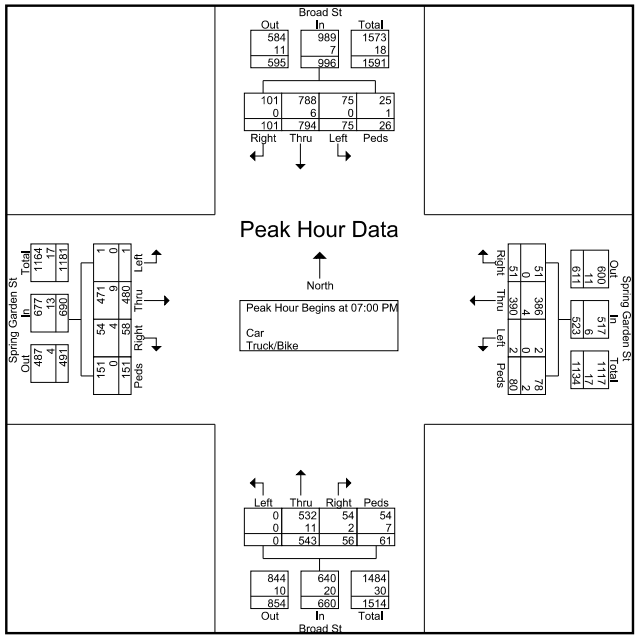


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/Broad St
Date: Friday, June 14th, 2013
Counter: MIO 116120

File Name : FM0614 5
Site Code :
Start Date : 6/14/2013
Page No : 3

	Broad St Southbound					Spring Garden St Westbound					Broad St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 PM																					
07:00 PM	20	**216**	**21**	6	263	14	**111**	**1**	**24**	**150**	16	140	0	18	174	**18**	107	0	**54**	179	766
07:15 PM	28	214	18	**10**	**270**	13	86	0	18	117	**19**	**148**	0	**19**	**186**	12	**143**	**1**	46	**202**	**775**
07:30 PM	**33**	183	16	2	234	**15**	95	0	21	131	13	118	0	14	145	12	122	0	36	170	680
07:45 PM	20	181	20	8	229	9	98	1	17	125	8	137	0	10	155	16	108	0	15	139	648
Total Volume	101	794	75	26	996	51	390	2	80	523	56	543	0	61	660	58	480	1	151	690	2869
% App. Total	10.1	79.7	7.5	2.6		9.8	74.6	0.4	15.3		8.5	82.3	0	9.2		8.4	69.6	0.1	21.9		
PHF	.765	.919	.893	.650	.922	.850	.878	.500	.833	.872	.737	.917	.000	.803	.887	.806	.839	.250	.699	.854	.925
Car	101	788	75	25	989	51	386	2	78	517	54	532	0	54	640	54	471	1	151	677	2823
% Car	100	99.2	100	96.2	99.3	100	99.0	100	97.5	98.9	96.4	98.0	0	88.5	97.0	93.1	98.1	100	100	98.1	98.4
Truck/Bike	0	6	0	1	7	0	4	0	2	6	2	11	0	7	20	4	9	0	0	13	46
% Truck/Bike																					



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring St/16th Street
Date: Friday, June 14th, 2013
Counter: MIO 116119

File Name : FM0614 7
Site Code :
Start Date : 6/14/2013
Page No : 1

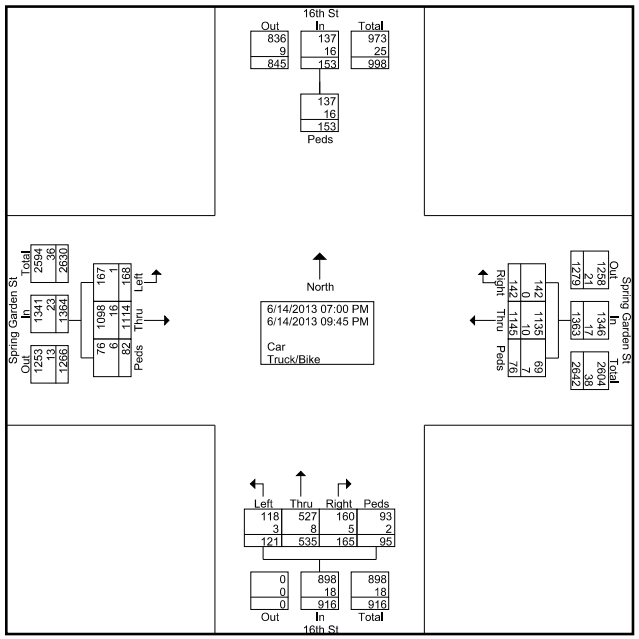
Groups Printed- Car - Truck/Bike

	16th St Southbound		Spring Garden St Westbound				16th St Northbound					Spring Garden St Eastbound				
Start Time	Peds	App. Total	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0		1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0		
07:00 PM	11	11	18	106	7	131	19	54	9	13	95	115	21	8	144	381
07:15 PM	10	10	19	98	10	127	11	48	20	15	94	131	14	9	154	385
07:30 PM	8	8	7	115	10	132	23	41	11	12	87	106	16	8	130	357
07:45 PM	16	16	14	99	3	116	15	45	11	8	79	108	13	4	125	336
Total	45	45	58	418	30	506	68	188	51	48	355	460	64	29	553	1459
08:00 PM	14	14	14	105	7	126	14	41	6	4	65	89	11	11	111	316
08:15 PM	13	13	6	96	11	113	17	39	11	1	68	107	13	6	126	320
08:30 PM	16	16	11	94	7	112	18	42	11	5	76	79	9	13	101	305
08:45 PM	15	15	8	72	4	84	10	46	7	4	67	65	13	8	86	252
Total	58	58	39	367	29	435	59	168	35	14	276	340	46	38	424	1193
09:00 PM	15	15	7	96	5	108	9	33	10	10	62	89	12	5	106	291
09:15 PM	15	15	8	69	6	83	14	54	11	12	91	78	19	3	100	289
09:30 PM	12	12	17	98	3	118	4	50	7	10	71	73	15	5	93	294
09:45 PM	8	8	13	97	3	113	11	42	7	1	61	74	12	2	88	270
Total	50	50	45	360	17	422	38	179	35	33	285	314	58	15	387	1144
Grand Total	153	153	142	1145	76	1363	165	535	121	95	916	1114	168	82	1364	3796
Apprch %	100		10.4	84	5.6		18	58.4	13.2	10.4		81.7	12.3	6		
Total %	4	4	3.7	30.2	2	35.9	4.3	14.1	3.2	2.5	24.1	29.3	4.4	2.2	35.9	
Car	137	137	142	1135	69	1346	160	527	118	93	898	1098	167	76	1341	3722
% Car	89.5	89.5	100	99.1	90.8	98.8	97	98.5	97.5	97.9	98	98.6	99.4	92.7	98.3	98.1
Truck/Bike	16	16	0	10	7	17	5	8	3	2	18	16	1	6	23	74
% Truck/Bike	10.5	10.5	0	0.9	9.2	1.2	3	1.5	2.5	2.1	2	1.4	0.6	7.3	1.7	1.9

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring St/16th Street
Date: Friday, June 14th, 2013
Counter: MIO 116119

File Name : FM0614 7
Site Code :
Start Date : 6/14/2013
Page No : 2

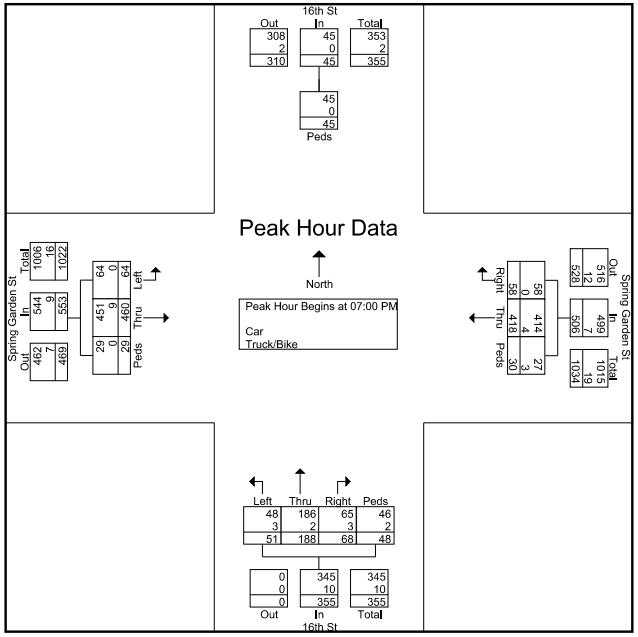


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring St/16th Street
Date: Friday, June 14th, 2013
Counter: MIO 116119

File Name : FM0614 7
Site Code :
Start Date : 6/14/2013
Page No : 3

	16th St Southbound		Spring Garden St Westbound				16th St Northbound					Spring Garden St Eastbound				
Start Time	Peds	App. Total	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:00 PM																
07:00 PM	11	11	18	106	7	131	19	**54**	9	13	**95**	115	**21**	8	144	381
07:15 PM	10	10	**19**	98	**10**	127	11	48	**20**	**15**	94	**131**	14	**9**	**154**	**385**
07:30 PM	8	8	7	**115**	10	**132**	**23**	41	11	12	87	106	16	8	130	357
07:45 PM	**16**	**16**	14	99	3	116	15	45	11	8	79	108	13	4	125	336
Total Volume	45	45	58	418	30	506	68	188	51	48	355	460	64	29	553	1459
% App. Total	100		11.5	82.6	5.9		19.2	53	14.4	13.5		83.2	11.6	5.2		
PHF	.703	.703	.763	.909	.750	.958	.739	.870	.638	.800	.934	.878	.762	.806	.898	.947
Car	45	45	58	414	27	499	65	186	48	46	345	451	64	29	544	1433
% Car	100	100	100	99.0	90.0	98.6	95.6	98.9	94.1	95.8	97.2	98.0	100	100	98.4	98.2
Truck/Bike	0	0	0	4	3	7	3	2	3	2	10	9	0	0	9	26
% Truck/Bike	0	0	0	1.0	10.0	1.4	4.4	1.1	5.9	4.2	2.8	2.0	0	0	1.6	1.8



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Friday, June 14, 2013
Counter: BB

File Name : FM0614 8
Site Code : 00000000
Start Date : 6/14/2013
Page No : 1

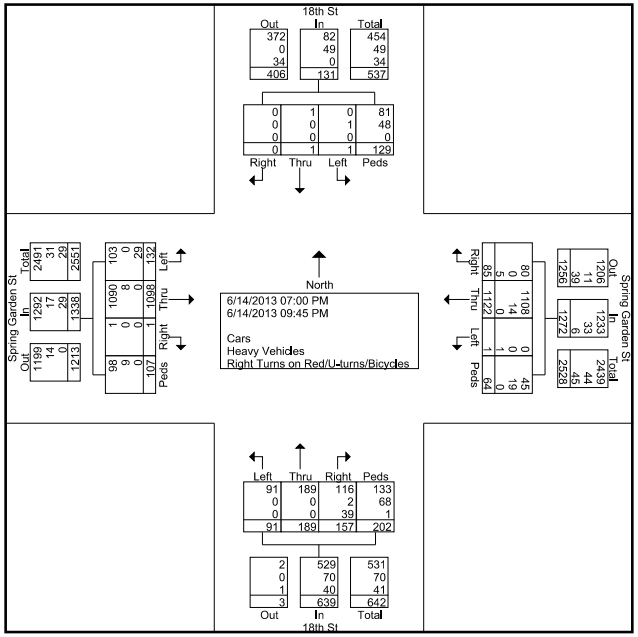
Groups Printed- Cars - Heavy Vehicles - turns/Bicycles

	18th St Southbound					Spring Garden St Westbound					18th St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 PM	0	0	0	21	21	8	100	0	3	111	13	12	8	18	51	0	120	11	10	141	324
07:15 PM	0	1	0	15	16	6	113	0	4	123	14	21	5	18	58	0	122	12	11	145	342
07:30 PM	0	0	0	8	8	8	119	0	5	132	11	18	8	15	52	0	103	9	15	127	319
07:45 PM	0	0	0	12	12	7	113	0	8	128	20	24	11	22	77	0	107	20	17	144	361
Total	0	1	0	56	57	29	445	0	20	494	58	75	32	73	238	0	452	52	53	557	1346
08:00 PM	0	0	0	17	17	5	92	0	3	100	15	20	8	13	56	0	93	13	13	119	292
08:15 PM	0	0	0	5	5	7	96	0	4	107	10	15	9	20	54	1	103	9	13	126	292
08:30 PM	0	0	0	7	7	7	85	0	5	97	16	16	8	9	49	0	66	13	7	86	239
08:45 PM	0	0	0	9	9	11	74	0	10	95	9	11	8	20	48	0	69	8	5	82	234
Total	0	0	0	38	38	30	347	0	22	399	50	62	33	62	207	1	331	43	38	413	1057
09:00 PM	0	0	0	8	8	4	73	0	6	83	14	17	6	19	56	0	80	14	2	96	243
09:15 PM	0	0	1	11	12	11	75	1	5	92	15	10	7	17	49	0	76	6	9	91	244
09:30 PM	0	0	0	5	5	6	86	0	4	96	10	9	9	10	38	0	76	7	2	85	224
09:45 PM	0	0	0	11	11	5	96	0	7	108	10	16	4	21	51	0	83	10	3	96	266
Total	0	0	1	35	36	26	330	1	22	379	49	52	26	67	194	0	315	37	16	368	977
Grand Total	0	1	1	129	131	85	1122	1	64	1272	157	189	91	202	639	1	1098	132	107	1338	3380
Apprch %	0	0.8	0.8	98.5		6.7	88.2	0.1	5		24.6	29.6	14.2	31.6		0.1	82.1	9.9	8		
Total %	0	0	0	3.8	3.9	2.5	33.2	0	1.9	37.6	4.6	5.6	2.7	6	18.9	0	32.5	3.9	3.2	39.6	
Cars	0	1	0	81	82	80	1108	0	45	1233	116	189	91	133	529	1	1090	103	98	1292	3136
% Cars	0	100	0	62.8	62.6	94.1	98.8	0	70.3	96.9	73.9	100	100	65.8	82.8	100	99.3	78	91.6	96.6	92.8
Heavy Vehicles	0	0	1	48	49	0	14	0	19	33	2	0	0	68	70	0	8	0	9	17	169
% Heavy Vehicles	0	0	100	37.2	37.4	0	1.2	0	29.7	2.6	1.3	0	0	33.7	11	0	0.7	0	8.4	1.3	5
Right Turns on Red(S) - turns/Bicycles	0	0	0	0	0	5	0	1	0	6	39	0	0	1	40	0	0	29	0	29	75
% Right Turns on Red(S) - turns/Bicycles	0	0	0	0	0	5.9	0	100	0	0.5	24.8	0	0	0.5	6.3	0	0	22	0	2.2	2.2

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Friday, June 14, 2013
Counter: BB

File Name : FM0614 8
Site Code : 00000000
Start Date : 6/14/2013
Page No : 2

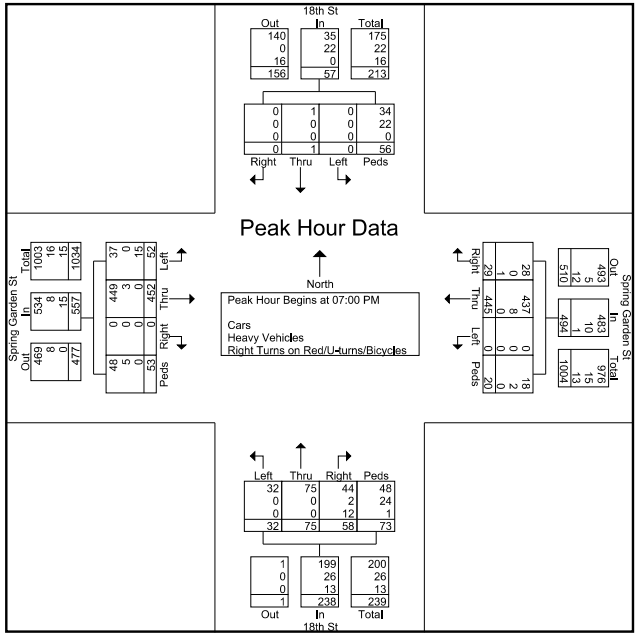


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Friday, June 14, 2013
Counter: BB

File Name : FM0614 8
Site Code : 00000000
Start Date : 6/14/2013
Page No : 3

	18th St Southbound					Spring Garden St Westbound					18th St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 PM																					
07:00 PM	0	0	0	**21**	**21**	**8**	100	0	3	111	13	12	8	18	51	0	120	11	10	141	324
07:15 PM	0	**1**	0	15	16	6	113	0	4	123	14	21	5	18	58	0	**122**	12	11	**145**	342
07:30 PM	0	0	0	8	8	8	**119**	0	5	**132**	11	18	8	15	52	0	103	9	15	127	319
07:45 PM	0	0	0	12	12	7	113	0	**8**	128	**20**	**24**	**11**	**22**	**77**	0	107	**20**	**17**	144	**361**
Total Volume	0	1	0	56	57	29	445	0	20	494	58	75	32	73	238	0	452	52	53	557	1346
% App. Total	0	1.8	0	98.2		5.9	90.1	0	4		24.4	31.5	13.4	30.7		0	81.1	9.3	9.5		
PHF	.000	.250	.000	.667	.679	.906	.935	.000	.625	.936	.725	.781	.727	.830	.773	.000	.926	.650	.779	.960	.932
Cars	0	1	0	34	35	28	437	0	18	483	44	75	32	48	199	0	449	37	48	534	1251
% Cars	0	100	0	60.7	61.4	96.6	98.2	0	90.0	97.8	75.9	100	100	65.8	83.6	0	99.3	71.2	90.6	95.9	92.9
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	39.3	38.6	0	1.8	0	10.0	2.0	3.4	0	0	32.9	10.9	0	0.7	0	9.4	1.4	4.9
Right Turns on Red/U-turns/Bicycles	0	0	0	0	0	1	0	0	0	1	12	0	0	1	13	0	0	15	0	15	29
% Right Turns on Red/U-turns/Bicycles	0	0	0	0	0	3.4	0	0	0	0.2	20.7	0	0	1.4	5.5	0	0	28.8	0	2.7	2.2



Tri-State Traffic Data, Inc.
610 466-1469
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Location: Philadelphia, PA
Intersection: Vine St Eb/17th Street
Date: Friday, June 14, 2013
Counter: CC2

File Name : FM0614 9Eb
Site Code :
Start Date : 6/14/2013
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	17th Street Southbound					EB Vine Street Westbound					17th Street Northbound					EB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	0	80	28	0	108	0	0	0	46	46	0	0	0	4	4	18	121	0	3	142	300
04:15 PM	0	96	32	0	128	0	0	0	30	30	0	0	0	4	4	13	99	0	2	114	276
04:30 PM	0	99	25	0	124	0	0	0	35	35	0	0	0	7	7	9	90	0	9	108	274
04:45 PM	0	96	27	0	123	0	0	0	24	24	0	0	0	14	14	15	101	0	7	123	284
Total	0	371	112	0	483	0	0	0	135	135	0	0	0	29	29	55	411	0	21	487	1134
05:00 PM	0	125	33	0	158	0	0	0	36	36	0	0	0	8	8	14	113	0	7	134	336
05:15 PM	0	118	38	0	156	0	0	0	50	50	0	0	0	12	12	17	111	0	12	140	358
05:30 PM	0	102	54	0	156	0	0	0	30	30	0	0	0	6	6	7	117	0	7	131	323
05:45 PM	0	95	23	2	120	0	0	0	39	39	0	0	0	6	6	11	153	0	10	174	339
Total	0	440	148	2	590	0	0	0	155	155	0	0	0	32	32	49	494	0	36	579	1356
07:00 PM	0	66	30	1	97	0	0	0	34	34	0	0	0	4	4	2	70	0	5	77	212
07:15 PM	0	69	30	0	99	0	0	0	38	38	0	0	0	9	9	10	76	0	4	90	236
07:30 PM	0	58	27	0	85	0	0	0	21	21	0	0	0	4	4	4	55	0	3	62	172
07:45 PM	0	61	33	0	94	0	0	0	32	32	0	0	0	3	3	4	124	0	4	132	261
Total	0	254	120	1	375	0	0	0	125	125	0	0	0	20	20	20	325	0	16	361	881
08:00 PM	0	48	29	0	77	0	0	0	25	25	0	0	0	2	2	8	55	0	3	66	170
08:15 PM	0	42	23	0	65	0	0	0	12	12	0	0	0	10	10	12	56	0	0	68	155
08:30 PM	1	58	17	1	77	0	0	0	23	23	0	0	0	4	4	3	45	0	4	52	156
08:45 PM	0	36	22	0	58	0	0	0	29	29	0	0	0	6	6	7	31	0	3	41	134
Total	1	184	91	1	277	0	0	0	89	89	0	0	0	22	22	30	187	0	10	227	615
09:00 PM	0	43	14	0	57	0	0	0	9	9	0	0	0	3	3	5	43	0	1	49	118
09:15 PM	0	38	10	0	48	0	0	0	12	12	0	0	0	1	1	4	34	0	5	43	104
09:30 PM	0	57	20	1	78	0	0	0	8	8	0	0	0	0	0	7	32	0	8	47	133
09:45 PM	0	45	22	0	67	0	0	0	16	16	2	0	0	3	5	5	36	0	6	47	135
Total	0	183	66	1	250	0	0	0	45	45	2	0	0	7	9	21	145	0	20	186	490
Grand Total	1	1432	537	5	1975	0	0	0	549	549	2	0	0	110	112	175	1562	0	103	1840	4476
Apprch %	0.1	72.5	27.2	0.3		0	0	0	100		1.8	0	0	98.2		9.5	84.9	0	5.6		
Total %	0	32	12	0.1	44.1	0	0	0	12.3	12.3	0	0	0	2.5	2.5	3.9	34.9	0	2.3	41.1	
Cars	1	1413	536	5	1955	0	0	0	533	533	2	0	0	104	106	159	1548	0	48	1755	4349
% Cars	100	98.7	99.8	100	99	0	0	0	97.1	97.1	100	0	0	94.5	94.6	90.9	99.1	0	46.6	95.4	97.2
Heavy Vehicles	0	19	1	0	20	0	0	0	16	16	0	0	0	6	6	1	14	0	55	70	112
% Heavy Vehicles	0	1.3	0.2	0	1	0	0	0	2.9	2.9	0	0	0	5.5	5.4	0.6	0.9	0	53.4	3.8	2.5
RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	15	15
% RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.6	0	0	0	0.8	0.3

Tri-State Traffic Data, Inc.
610 466-1469
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Location: Philadelphia, PA
Intersection: Vine St Eb/17th Street
Date: Friday, June 14, 2013
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File Name : FM0614 9Eb
Site Code :
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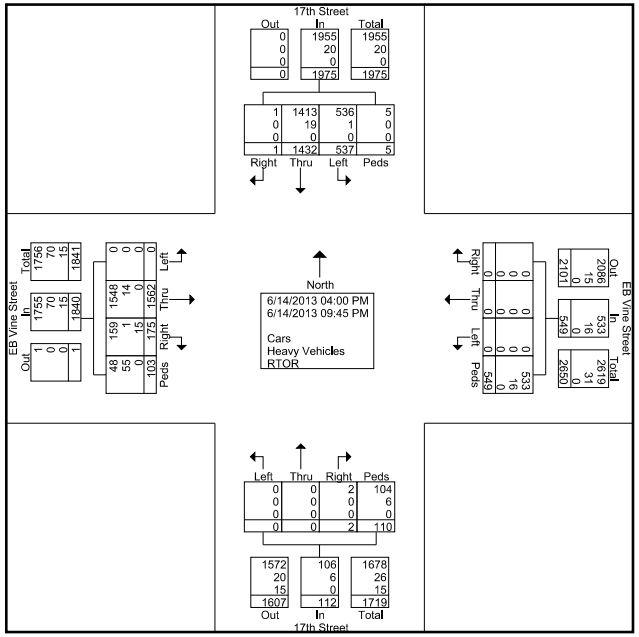

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610 466-1469
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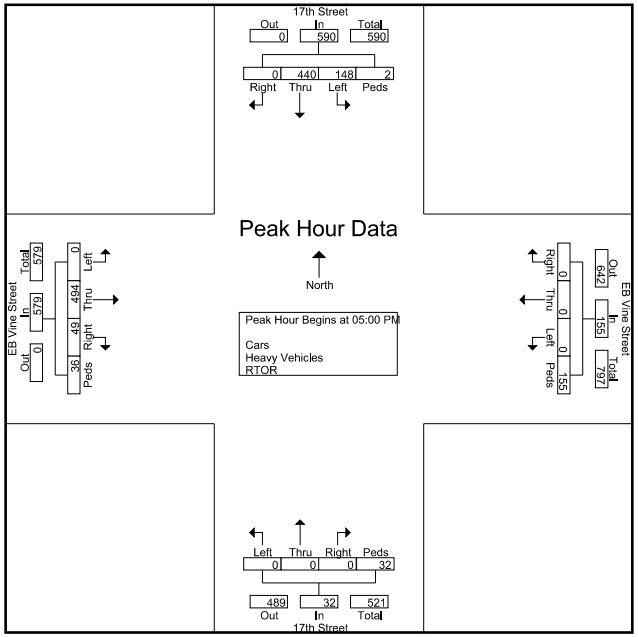
Location: Philadelphia, PA
Intersection: Vine St Eb/17th Street
Date: Friday, June 14, 2013
Counter: CC2

File Name : FM0614 9Eb
Site Code :
Start Date : 6/14/2013
Page No : 3

	17th Street Southbound					EB Vine Street Westbound					17th Street Northbound					EB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	**125**	33	0	**158**	0	0	0	36	36	0	0	0	8	8	14	113	0	7	134	336
05:15 PM	0	118	38	0	156	0	0	0	**50**	**50**	0	0	0	**12**	**12**	**17**	111	0	**12**	140	**358**
05:30 PM	0	102	**54**	0	156	0	0	0	30	30	0	0	0	6	6	7	117	0	7	131	323
05:45 PM	0	95	23	**2**	120	0	0	0	39	39	0	0	0	6	6	11	**153**	0	10	**174**	339
Total Volume	0	440	148	2	590	0	0	0	155	155	0	0	0	32	32	49	494	0	36	579	1356
% App. Total	0	74.6	25.1	0.3		0	0	0	100		0	0	0	100		8.5	85.3	0	6.2		
PHF	.000	.880	.685	.250	.934	.000	.000	.000	.775	.775	.000	.000	.000	.667	.667	.721	.807	.000	.750	.832	.947



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610 466-1469
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Location: Philadelphia, PA
Intersection: Vine St Eb/17th Street
Date: Friday, June 14, 2013
Counter: CC2

File Name : FM0614 9Eb
Site Code :
Start Date : 6/14/2013
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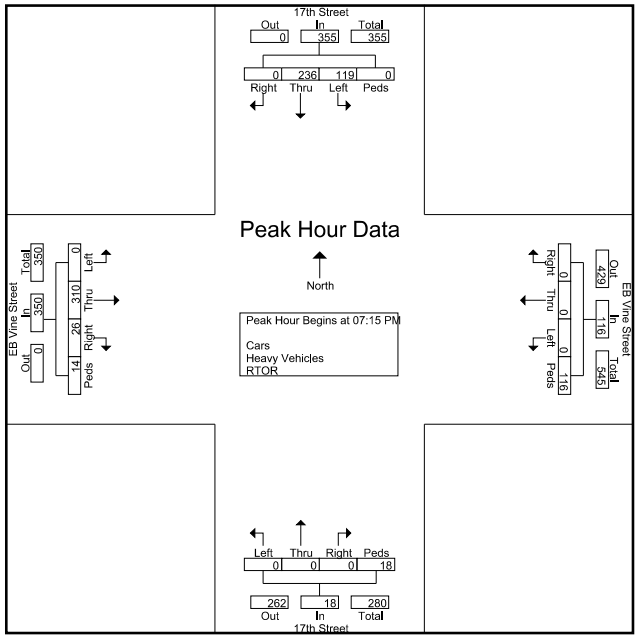
	17th Street Southbound					EB Vine Street Westbound					17th Street Northbound					EB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:15 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 PM																					
07:15 PM	0	**69**	30	0	**99**	0	0	0	**38**	**38**	0	0	0	**9**	**9**	**10**	76	0	**4**	90	236
07:30 PM	0	58	27	0	85	0	0	0	21	21	0	0	0	4	4	4	55	0	3	62	172
07:45 PM	0	61	**33**	0	94	0	0	0	32	32	0	0	0	3	3	4	**124**	0	4	**132**	**261**
08:00 PM	0	48	29	0	77	0	0	0	25	25	0	0	0	2	2	8	55	0	3	66	170
Total Volume	0	236	119	0	355	0	0	0	116	116	0	0	0	18	18	26	310	0	14	350	839
% App. Total	0	66.5	33.5	0		0	0	0	100		0	0	0	100		7.4	88.6	0	4		
PHF	.000	.855	.902	.000	.896	.000	.000	.000	.763	.763	.000	.000	.000	.500	.500	.650	.625	.000	.875	.663	.804



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Location: Philadelphia, PA
Intersection: Vine St Wb/17th Street
Date: Friday, June 14, 2013
Counter: CC1

File Name : FM0614 9Wb
Site Code :
Start Date : 6/14/2013
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	17th Street Southbound					WB Vine Street Westbound					17th Street Northbound					WB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	8	69	0	10	87	15	144	39	52	250	0	0	0	3	3	0	0	0	1	1	341
04:15 PM	3	82	0	17	102	6	132	34	30	202	0	0	0	0	0	0	0	0	5	5	309
04:30 PM	10	75	0	16	101	8	133	48	39	228	0	0	0	0	0	0	0	0	7	7	336
04:45 PM	2	72	0	12	86	11	161	39	27	238	0	0	0	0	0	0	0	0	6	6	330
Total	23	298	0	55	376	40	570	160	148	918	0	0	0	3	3	0	0	0	19	19	1316
05:00 PM	3	86	0	9	98	20	166	51	29	266	0	0	0	0	0	0	0	0	4	4	368
05:15 PM	4	94	0	12	110	11	120	54	47	232	0	0	0	1	1	0	0	0	6	6	349
05:30 PM	6	101	0	11	118	9	99	48	32	188	0	0	0	2	2	0	0	0	2	2	310
05:45 PM	2	62	0	15	79	10	144	45	39	238	0	0	0	0	0	0	0	0	8	8	325
Total	15	343	0	47	405	50	529	198	147	924	0	0	0	3	3	0	0	0	20	20	1352
07:00 PM	2	65	0	10	77	6	58	23	42	129	0	0	0	0	0	0	0	0	3	3	209
07:15 PM	2	76	0	10	88	10	67	24	34	135	0	0	0	0	0	0	0	0	5	5	228
07:30 PM	5	60	0	6	71	2	51	16	18	87	0	0	0	0	0	0	0	0	7	7	165
07:45 PM	2	69	0	3	74	12	51	20	26	109	0	0	0	2	2	0	0	0	5	5	190
Total	11	270	0	29	310	30	227	83	120	460	0	0	0	2	2	0	0	0	20	20	792
08:00 PM	1	64	0	5	70	4	50	13	26	93	0	0	0	0	0	0	0	0	1	1	164
08:15 PM	2	45	0	5	52	6	38	16	17	77	0	0	0	0	0	0	0	0	2	2	131
08:30 PM	1	53	0	3	57	4	38	22	25	89	0	0	0	2	2	0	0	0	2	2	150
08:45 PM	1	34	0	4	39	6	33	7	22	68	0	0	0	0	0	0	0	0	2	2	109
Total	5	196	0	17	218	20	159	58	90	327	0	0	0	2	2	0	0	0	7	7	554
09:00 PM	0	36	0	1	37	3	29	8	8	48	0	0	0	1	1	0	0	0	0	0	86
09:15 PM	2	38	0	2	42	7	31	14	16	68	0	0	0	4	4	0	0	0	1	1	115
09:30 PM	2	55	0	3	60	7	32	16	11	66	0	0	0	1	1	0	0	0	6	6	133
09:45 PM	2	52	0	0	54	4	27	15	14	60	0	0	0	0	0	0	0	0	7	7	121
Total	6	181	0	6	193	21	119	53	49	242	0	0	0	6	6	0	0	0	14	14	455
Grand Total	60	1288	0	154	1502	161	1604	552	554	2871	0	0	0	16	16	0	0	0	80	80	4469
Apprch %	4	85.8	0	10.3		5.6	55.9	19.2	19.3		0	0	0	100		0	0	0	100		
Total %	1.3	28.8	0	3.4	33.6	3.6	35.9	12.4	12.4	64.2	0	0	0	0.4	0.4	0	0	0	1.8	1.8	
Cars	54	1272	0	133	1459	134	1603	550	542	2829	0	0	0	15	15	0	0	0	20	20	4323
% Cars	90	98.8	0	86.4	97.1	83.2	99.9	99.6	97.8	98.5	0	0	0	93.8	93.8	0	0	0	25	25	96.7
Heavy Vehicles	1	16	0	21	38	1	1	2	12	16	0	0	0	1	1	0	0	0	60	60	115
% Heavy Vehicles	1.7	1.2	0	13.6	2.5	0.6	0.1	0.4	2.2	0.6	0	0	0	6.2	6.2	0	0	0	75	75	2.6
RTOR	5	0	0	0	5	26	0	0	0	26	0	0	0	0	0	0	0	0	0	0	31
% RTOR	8.3	0	0	0	0.3	16.1	0	0	0	0.9	0	0	0	0	0	0	0	0	0	0	0.7

Tri-State Traffic Data, Inc.
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Date: Friday, June 14, 2013
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File Name : FM0614 9Wb
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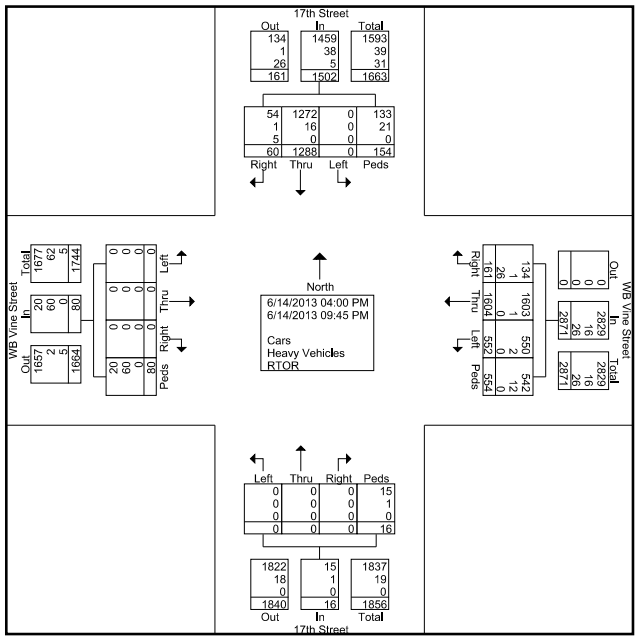

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File Name : FM0614 9Wb
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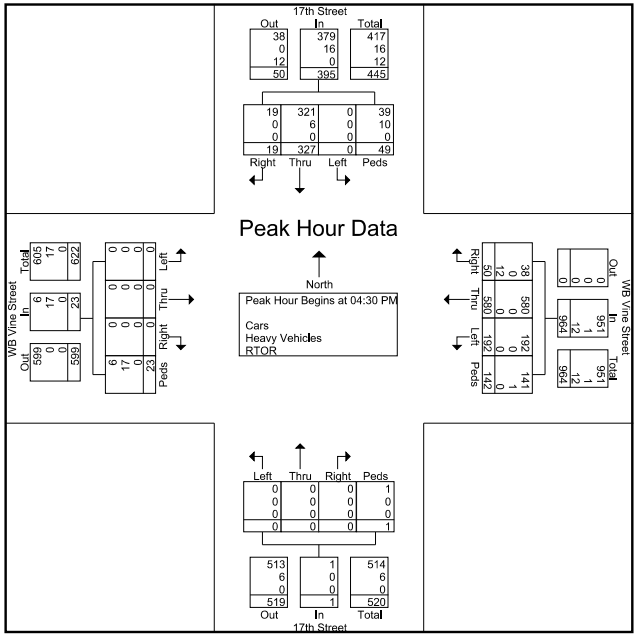
	17th Street Southbound					WB Vine Street Westbound					17th Street Northbound					WB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	**10**	75	0	**16**	101	8	133	48	39	228	0	0	0	0	0	0	0	0	**7**	**7**	336
04:45 PM	2	72	0	12	86	11	161	39	27	238	0	0	0	0	0	0	0	0	6	6	330
05:00 PM	3	86	0	9	98	**20**	**166**	51	29	**266**	0	0	0	0	0	0	0	0	4	4	**368**
05:15 PM	4	**94**	0	12	**110**	11	120	**54**	**47**	232	0	0	0	**1**	**1**	0	0	0	6	6	349
Total Volume	19	327	0	49	395	50	580	192	142	964	0	0	0	1	1	0	0	0	23	23	1383
% App. Total	4.8	82.8	0	12.4		5.2	60.2	19.9	14.7		0	0	0	100		0	0	0	100		
PHF	.475	.870	.000	.766	.898	.625	.873	.889	.755	.906	.000	.000	.000	.250	.250	.000	.000	.000	.821	.821	.940
Cars	19	321	0	39	379	38	580	192	141	951	0	0	0	1	1	0	0	0	6	6	1337
% Cars	100	98.2	0	79.6	95.9	76.0	100	100	99.3	98.7	0	0	0	100	100	0	0	0	26.1	26.1	96.7
Heavy Vehicles																					
% Heavy Vehicles	0	1.8	0	20.4	4.1	0	0	0	0.7	0.1	0	0	0	0	0	0	0	0	73.9	73.9	2.5
RTOR	0	0	0	0	0	12	0	0	0	12	0	0	0	0	0	0	0	0	0	0	12
% RTOR	0	0	0	0	0	24.0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0	0.9



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610 466-1469
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Location: Philadelphia, PA
Intersection: Vine St Wb/17th Street
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File Name : FM0614 9Wb
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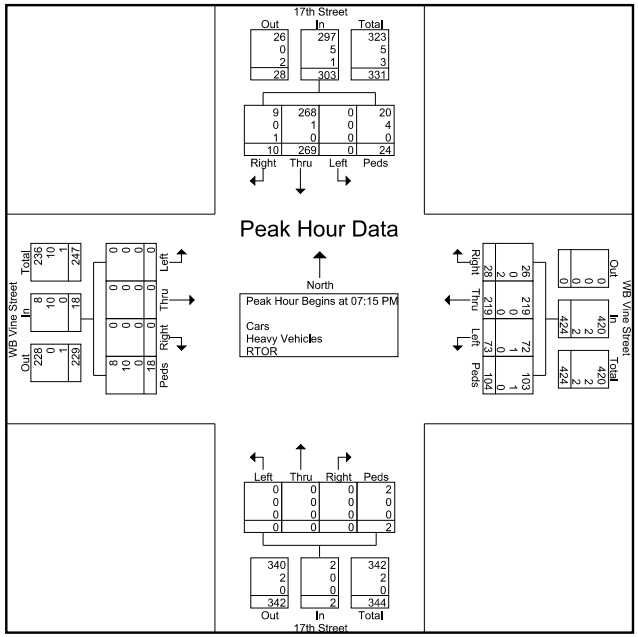
	17th Street Southbound					WB Vine Street Westbound					17th Street Northbound					WB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:15 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 PM																					
07:15 PM	2	**76**	0	**10**	**88**	10	**67**	**24**	**34**	**135**	0	0	0	0	0	0	0	0	5	5	**228**
07:30 PM	**5**	60	0	6	71	2	51	16	18	87	0	0	0	0	0	0	0	0	**7**	**7**	165
07:45 PM	2	69	0	3	74	**12**	51	20	26	109	0	0	0	**2**	**2**	0	0	0	5	5	190
08:00 PM	1	64	0	5	70	4	50	13	26	93	0	0	0	0	0	0	0	0	1	1	164
Total Volume	10	269	0	24	303	28	219	73	104	424	0	0	0	2	2	0	0	0	18	18	747
% App. Total	3.3	88.8	0	7.9		6.6	51.7	17.2	24.5		0	0	0	100		0	0	0	100		
PHF	.500	.885	.000	.600	.861	.583	.817	.760	.765	.785	.000	.000	.000	.250	.250	.000	.000	.000	.643	.643	.819
Cars	9	268	0	20	297	26	219	72	103	420	0	0	0	2	2	0	0	0	8	8	727
% Cars	90.0	99.6	0	83.3	98.0	92.9	100	98.6	99.0	99.1	0	0	0	100	100	0	0	0	44.4	44.4	97.3
Heavy Vehicles																					
% Heavy Vehicles	0	0.4	0	16.7	1.7	0	0	1.4	1.0	0.5	0	0	0	0	0	0	0	0	55.6	55.6	2.3
RTOR	1	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
% RTOR	10.0	0	0	0	0.3	7.1	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.4



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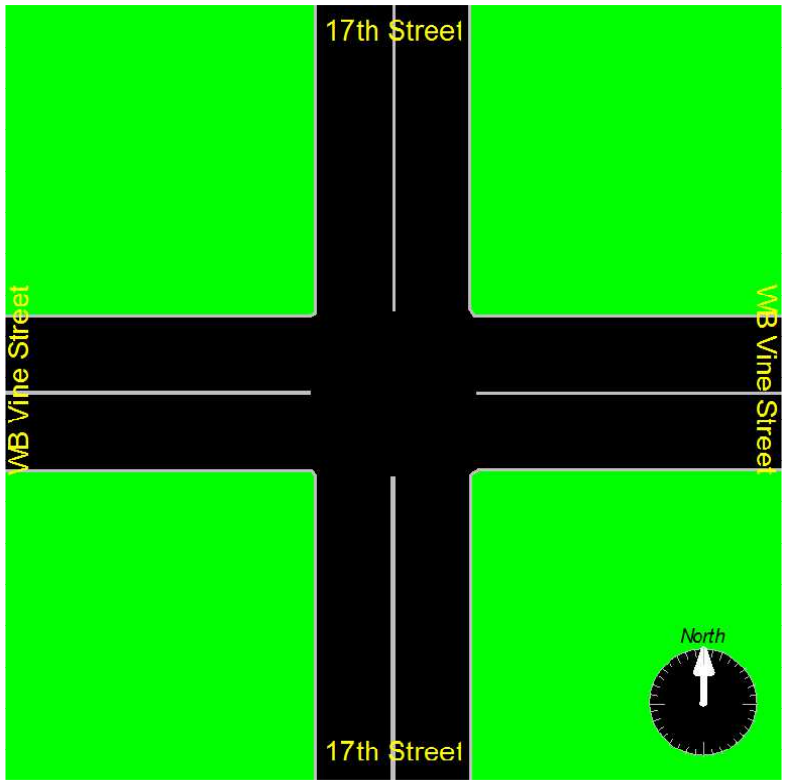
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine St Wb/17th Street
Date: Friday, June 14, 2013
Counter: CC1

File Name : FM0614 9Wb
Site Code :
Start Date : 6/14/2013
Page No : 5



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/17th St.
Date: Friday, June 14, 2013
Counter: PB PD

File Name : FM0614 10
Site Code : 00000000
Start Date : 6/14/2013
Page No : 1

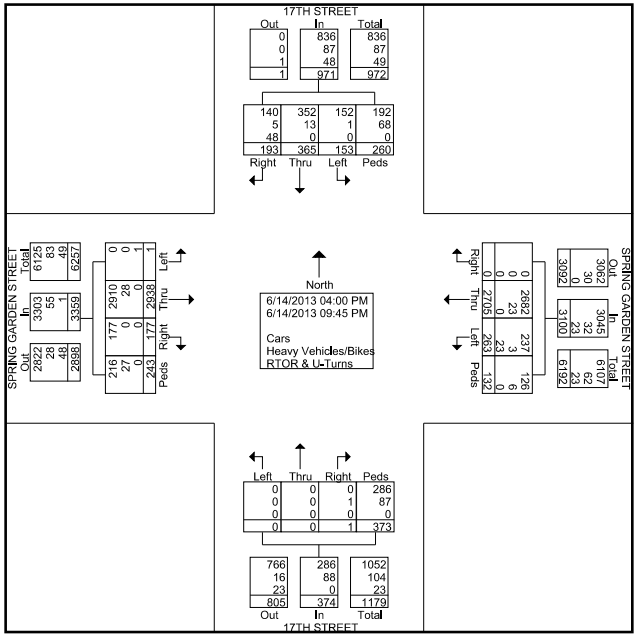
Groups Printed- Cars - Heavy Vehicles/Bikes - Turns

	17TH STREET Southbound					SPRING GARDEN STREET Westbound					17TH STREET Northbound					SPRING GARDEN STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	15	21	6	15	57	0	205	15	13	233	0	0	0	11	11	8	228	0	15	251	552
04:15 PM	9	25	8	7	49	0	165	18	8	191	0	0	0	19	19	9	224	0	14	247	506
04:30 PM	17	21	11	12	61	0	230	15	3	248	1	0	0	26	27	5	195	0	18	218	554
04:45 PM	17	24	6	13	60	0	186	20	10	216	0	0	0	18	18	14	213	0	6	233	527
Total	58	91	31	47	227	0	786	68	34	888	1	0	0	74	75	36	860	0	53	949	2139
05:00 PM	15	18	5	14	52	0	215	18	9	242	0	0	0	39	39	12	246	0	29	287	620
05:15 PM	16	24	11	13	64	0	227	15	7	249	0	0	0	35	35	15	226	0	8	249	597
05:30 PM	14	26	11	16	67	0	183	10	12	205	0	0	0	38	38	9	215	0	14	238	548
05:45 PM	10	20	9	26	65	0	162	12	8	182	0	0	0	24	24	4	243	0	21	268	539
Total	55	88	36	69	248	0	787	55	36	878	0	0	0	136	136	40	930	0	72	1042	2304
*** BREAK ***																					
07:00 PM	7	20	7	19	53	0	111	9	9	129	0	0	0	14	14	5	106	0	2	113	309
07:15 PM	14	15	10	22	61	0	103	23	16	142	0	0	0	24	24	8	135	0	26	169	396
07:30 PM	12	22	11	18	63	0	121	9	8	138	0	0	0	14	14	7	98	0	19	124	339
07:45 PM	8	19	10	10	47	0	98	14	4	116	0	0	0	13	13	18	114	0	10	142	318
Total	41	76	38	69	224	0	433	55	37	525	0	0	0	65	65	38	453	0	57	548	1362
08:00 PM	4	12	5	15	36	0	90	12	4	106	0	0	0	6	6	14	91	1	21	127	275
08:15 PM	5	16	7	3	31	0	99	11	1	111	0	0	0	8	8	5	115	0	4	124	274
08:30 PM	9	20	3	10	42	0	88	9	2	99	0	0	0	11	11	4	86	0	8	98	250
08:45 PM	3	11	5	9	28	0	78	10	2	90	0	0	0	13	13	8	70	0	6	84	215
Total	21	59	20	37	137	0	355	42	9	406	0	0	0	38	38	31	362	1	39	433	1014
09:00 PM	3	12	7	7	29	0	84	12	4	100	0	0	0	21	21	8	90	0	1	99	249
09:15 PM	7	12	11	9	39	0	75	7	6	88	0	0	0	20	20	11	84	0	8	103	250
09:30 PM	7	13	5	15	40	0	88	13	4	105	0	0	0	10	10	8	79	0	8	95	250
09:45 PM	1	14	5	7	27	0	97	11	2	110	0	0	0	9	9	5	80	0	5	90	236
Total	18	51	28	38	135	0	344	43	16	403	0	0	0	60	60	32	333	0	22	387	985
Grand Total	193	365	153	260	971	0	2705	263	132	3100	1	0	0	373	374	177	2938	1	243	3359	7804
Apprch %	19.9	37.6	15.8	26.8		0	87.3	8.5	4.3		0.3	0	0	99.7		5.3	87.5	0	7.2		
Total %	2.5	4.7	2	3.3	12.4	0	34.7	3.4	1.7	39.7	0	0	0	4.8	4.8	2.3	37.6	0	3.1	43	
Cars	140	352	152	192	836	0	2682	237	126	3045	0	0	0	286	286	177	2910	0	216	3303	7470
% Cars	72.5	96.4	99.3	73.8	86.1	0	99.1	90.1	95.5	98.2	0	0	0	76.7	76.5	100	99	0	88.9	98.3	95.7
Heavy Vehicles/Bikes	5	13	1	68	87	0	23	3	6	32	1	0	0	87	88	0	28	0	27	55	262
% Heavy Vehicles/Bikes	2.6	3.6	0.7	26.2	9	0	0.9	1.1	4.5	1	100	0	0	23.3	23.5	0	1	0	11.1	1.6	3.4
RTOR & U-Turns	48	0	0	0	48	0	0	23	0	23	0	0	0	0	0	0	0	1	0	1	72
% RTOR & U-Turns	24.9	0	0	0	4.9	0	0	8.7	0	0.7	0	0	0	0	0	0	0	100	0	0	0.9

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/17th St.
Date: Friday, June 14, 2013
Counter: PB PD

File Name : FM0614 10
Site Code : 00000000
Start Date : 6/14/2013
Page No : 2



Tri-State Traffic Data, Inc.
610 466-1469
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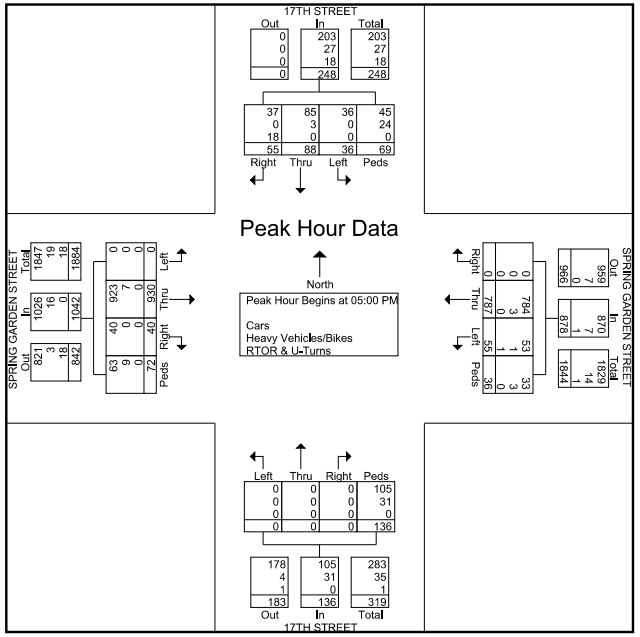
Location: Philadelphia, PA
Intersection: Spring Garden/17th St.
Date: Friday, June 14, 2013
Counter: PB PD

File Name : FM0614 10
Site Code : 00000000
Start Date : 6/14/2013
Page No : 3

	17TH STREET Southbound					SPRING GARDEN STREET Westbound					17TH STREET Northbound					SPRING GARDEN STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	15	18	5	14	52	0	215	**18**	9	242	0	0	0	**39**	**39**	12	**246**	0	**29**	**287**	**620**
05:15 PM	**16**	24	**11**	13	64	0	**227**	15	7	**249**	0	0	0	35	35	**15**	226	0	8	249	597
05:30 PM	14	**26**	11	16	**67**	0	183	10	**12**	205	0	0	0	38	38	9	215	0	14	238	548
05:45 PM	10	20	9	**26**	65	0	162	12	8	182	0	0	0	24	24	4	243	0	21	268	539
Total Volume	55	88	36	69	248	0	787	55	36	878	0	0	0	136	136	40	930	0	72	1042	2304
% App. Total	22.2	35.5	14.5	27.8		0	89.6	6.3	4.1		0	0	0	100		3.8	89.3	0	6.9		
PHF	.859	.846	.818	.663	.925	.000	.867	.764	.750	.882	.000	.000	.000	.872	.872	.667	.945	.000	.621	.908	.929
Cars	37	85	36	45	203	0	784	53	33	870	0	0	0	105	105	40	923	0	63	1026	2204
% Cars	67.3	96.6	100	65.2	81.9	0	99.6	96.4	91.7	99.1	0	0	0	77.2	77.2	100	99.2	0	87.5	98.5	95.7
Heavy Vehicles/Bikes																					
% Heavy Vehicles/Bikes	0	3.4	0	34.8	10.9	0	0.4	1.8	8.3	0.8	0	0	0	22.8	22.8	0	0.8	0	12.5	1.5	3.5
RTOR & U-Turns	18	0	0	0	18	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	19
% RTOR & U-Turns	32.7	0	0	0	7.3	0	0	1.8	0	0.1	0	0	0	0	0	0	0	0	0	0	0.8

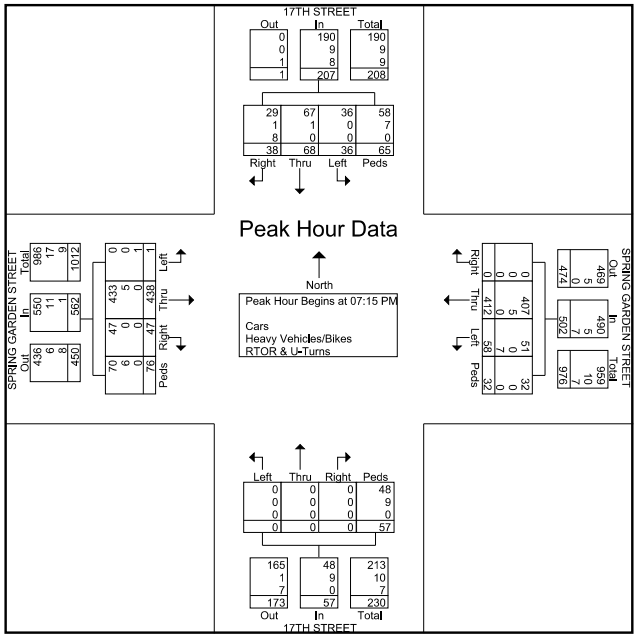


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/17th St.
Date: Friday, June 14, 2013
Counter: PB PD

File Name : FM0614 10
Site Code : 00000000
Start Date : 6/14/2013
Page No : 4

	17TH STREET Southbound					SPRING GARDEN STREET Westbound					17TH STREET Northbound					SPRING GARDEN STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:15 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 PM																					
07:15 PM	**14**	15	10	**22**	61	0	103	**23**	**16**	**142**	0	0	0	**24**	**24**	8	**135**	0	**26**	**169**	**396**
07:30 PM	12	**22**	**11**	18	**63**	0	**121**	9	8	138	0	0	0	14	14	7	98	0	19	124	339
07:45 PM	8	19	10	10	47	0	98	14	4	116	0	0	0	13	13	**18**	114	0	10	142	318
08:00 PM	4	12	5	15	36	0	90	12	4	106	0	0	0	6	6	14	91	**1**	21	127	275
Total Volume	38	68	36	65	207	0	412	58	32	502	0	0	0	57	57	47	438	1	76	562	1328
% App. Total	18.4	32.9	17.4	31.4		0	82.1	11.6	6.4		0	0	0	100		8.4	77.9	0.2	13.5		
PHF	.679	.773	.818	.739	.821	.000	.851	.630	.500	.884	.000	.000	.000	.594	.594	.653	.811	.250	.731	.831	.838
Cars	29	67	36	58	190	0	407	51	32	490	0	0	0	48	48	47	433	0	70	550	1278
% Cars	76.3	98.5	100	89.2	91.8	0	98.8	87.9	100	97.6	0	0	0	84.2	84.2	100	98.9	0	92.1	97.9	96.2
Heavy Vehicles/Bikes																					
% Heavy Vehicles/Bikes	2.6	1.5	0	10.8	4.3	0	1.2	0	0	1.0	0	0	0	15.8	15.8	0	1.1	0	7.9	2.0	2.6
RTOR & U-Turns	8	0	0	0	8	0	0	7	0	7	0	0	0	0	0	0	0	1	0	1	16
% RTOR & U-Turns	21.1	0	0	0	3.9	0	0	12.1	0	1.4	0	0	0	0	0	0	0	100	0	0.2	1.2



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine St EB / 13th
Date: Friday, June 14, 203
Counter: SL

File Name : FM0614 11Eb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 1

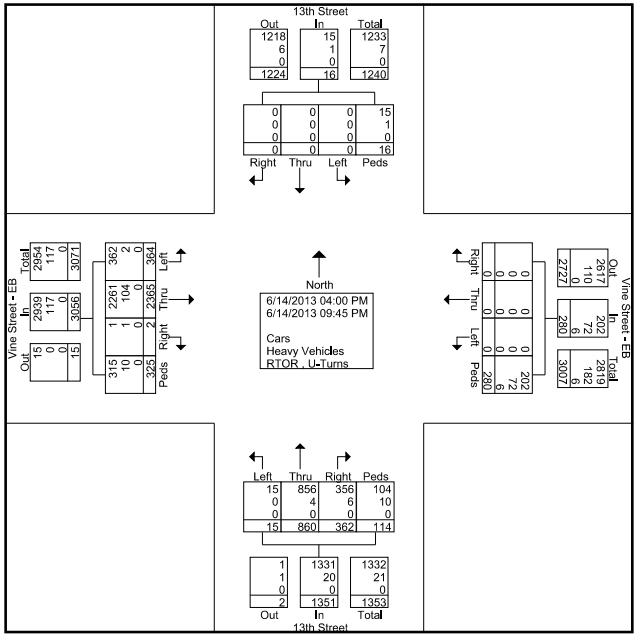
Groups Printed- Cars - Heavy Vehicles - Turns

	13th Street Southbound					Vine Street - EB Westbound					13th Street Northbound					Vine Street - EB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	0	0	0	3	3	0	0	0	10	10	21	69	6	0	96	0	143	25	2	170	279
04:15 PM	0	0	0	1	1	0	0	0	2	2	19	60	0	0	79	0	130	26	13	169	251
04:30 PM	0	0	0	4	4	0	0	0	18	18	23	58	0	6	87	1	128	28	27	184	293
04:45 PM	0	0	0	0	0	0	0	0	17	17	25	52	9	8	94	0	138	18	15	171	282
Total	0	0	0	8	8	0	0	0	47	47	88	239	15	14	356	1	539	97	57	694	1105
05:00 PM	0	0	0	0	0	0	0	0	20	20	22	62	0	11	95	0	143	19	22	184	299
05:15 PM	0	0	0	0	0	0	0	0	27	27	26	63	0	9	98	0	146	19	68	233	358
05:30 PM	0	0	0	2	2	0	0	0	11	11	29	78	0	6	113	0	172	18	6	196	322
05:45 PM	0	0	0	0	0	0	0	0	23	23	25	53	0	4	82	0	134	16	10	160	265
Total	0	0	0	2	2	0	0	0	81	81	102	256	0	30	388	0	595	72	106	773	1244
*** BREAK ***																					
07:00 PM	0	0	0	0	0	0	0	0	14	14	20	33	0	9	62	0	122	15	27	164	240
07:15 PM	0	0	0	1	1	0	0	0	15	15	14	30	0	12	56	0	118	19	27	164	236
07:30 PM	0	0	0	1	1	0	0	0	17	17	17	21	0	3	41	0	124	13	16	153	212
07:45 PM	0	0	0	0	0	0	0	0	18	18	18	37	0	10	65	0	115	16	17	148	231
Total	0	0	0	2	2	0	0	0	64	64	69	121	0	34	224	0	479	63	87	629	919
08:00 PM	0	0	0	2	2	0	0	0	11	11	16	44	0	7	67	1	127	16	4	148	228
08:15 PM	0	0	0	1	1	0	0	0	11	11	12	40	0	2	54	0	123	17	7	147	213
08:30 PM	0	0	0	0	0	0	0	0	6	6	23	29	0	4	56	0	96	18	8	122	184
08:45 PM	0	0	0	0	0	0	0	0	11	11	7	28	0	7	42	0	91	15	2	108	161
Total	0	0	0	3	3	0	0	0	39	39	58	141	0	20	219	1	437	66	21	525	786
09:00 PM	0	0	0	0	0	0	0	0	18	18	13	27	0	11	51	0	84	18	19	121	190
09:15 PM	0	0	0	0	0	0	0	0	7	7	11	24	0	1	36	0	88	13	9	110	153
09:30 PM	0	0	0	1	1	0	0	0	11	11	9	28	0	0	37	0	83	18	18	119	168
09:45 PM	0	0	0	0	0	0	0	0	13	13	12	24	0	4	40	0	60	17	8	85	138
Total	0	0	0	1	1	0	0	0	49	49	45	103	0	16	164	0	315	66	54	435	649
Grand Total	0	0	0	16	16	0	0	0	280	280	362	860	15	114	1351	2	2365	364	325	3056	4703
Apprch %	0	0	0	100		0	0	0	100		26.8	63.7	1.1	8.4		0.1	77.4	11.9	10.6		
Total %	0	0	0	0.3	0.3	0	0	0	6	6	7.7	18.3	0.3	2.4	28.7	0	50.3	7.7	6.9	65	
Cars	0	0	0	15	15	0	0	0	202	202	356	856	15	104	1331	1	2261	362	315	2939	4487
% Cars	0	0	0	93.8	93.8	0	0	0	72.1	72.1	98.3	99.5	100	91.2	98.5	50	95.6	99.5	96.9	96.2	95.4
Heavy Vehicles	0	0	0	1	1	0	0	0	72	72	6	4	0	10	20	1	104	2	10	117	210
% Heavy Vehicles	0	0	0	6.2	6.2	0	0	0	25.7	25.7	1.7	0.5	0	8.8	1.5	50	4.4	0.5	3.1	3.8	4.5
RTOR , U-Turns	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	6
% RTOR , U-Turns	0	0	0	0	0	0	0	0	2.1	2.1	0	0	0	0	0	0	0	0	0	0	0.1

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine St EB / 13th
Date: Friday, June 14, 203
Counter: SL

File Name : FM0614 11Eb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 2



Tri-State Traffic Data, Inc.
610 466-1469
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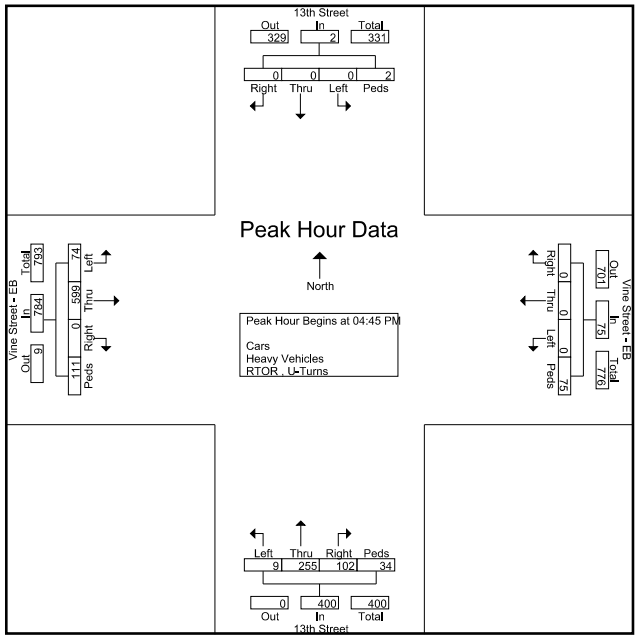
Location: Philadelphia County, PA
Intersection: Vine St EB / 13th
Date: Friday, June 14, 203
Counter: SL

File Name : FM0614 11Eb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 3

	13th Street Southbound					Vine Street - EB Westbound					13th Street Northbound					Vine Street - EB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	0	0	0	0	0	0	0	17	17	25	52	**9**	8	94	0	138	18	15	171	282
05:00 PM	0	0	0	0	0	0	0	0	20	20	22	62	0	**11**	95	0	143	**19**	22	184	299
05:15 PM	0	0	0	0	0	0	0	0	**27**	**27**	26	63	0	9	98	0	146	19	**68**	**233**	**358**
05:30 PM	0	0	0	**2**	**2**	0	0	0	11	11	**29**	**78**	0	6	**113**	0	**172**	18	6	196	322
Total Volume	0	0	0	2	2	0	0	0	75	75	102	255	9	34	400	0	599	74	111	784	1261
% App. Total	0	0	0	100		0	0	0	100		25.5	63.8	2.2	8.5		0	76.4	9.4	14.2		
PHF	.000	.000	.000	.250	.250	.000	.000	.000	.694	.694	.879	.817	.250	.773	.885	.000	.871	.974	.408	.841	.881



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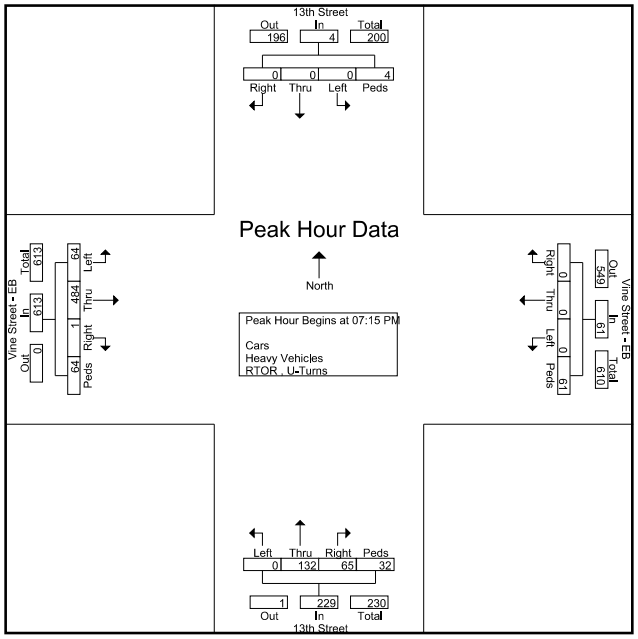
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine St EB / 13th
Date: Friday, June 14, 203
Counter: SL

File Name : FM0614 11Eb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 4

	13th Street Southbound					Vine Street - EB Westbound					13th Street Northbound					Vine Street - EB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:15 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 PM																					
07:15 PM	0	0	0	1	1	0	0	0	15	15	14	30	0	**12**	56	0	118	**19**	**27**	**164**	**236**
07:30 PM	0	0	0	1	1	0	0	0	17	17	17	21	0	3	41	0	124	13	16	153	212
07:45 PM	0	0	0	0	0	0	0	0	**18**	**18**	**18**	37	0	10	65	0	115	16	17	148	231
08:00 PM	0	0	0	**2**	**2**	0	0	0	11	11	16	**44**	0	7	**67**	**1**	**127**	16	4	148	228
Total Volume	0	0	0	4	4	0	0	0	61	61	65	132	0	32	229	1	484	64	64	613	907
% App. Total	0	0	0	100		0	0	0	100		28.4	57.6	0	14		0.2	79	10.4	10.4		
PHF	.000	.000	.000	.500	.500	.000	.000	.000	.847	.847	.903	.750	.000	.667	.854	.250	.953	.842	.593	.934	.961



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Friday, June 14, 2013
Counter: ET

File Name : FM0614 11Wb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 1

Groups Printed- Cars - Heavy Vehicles - Turns

	13th Street Southbound					Vine St. - WB Westbound					13th Street Northbound					Vine St. - WB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	0	1	0	7	8	24	283	0	24	331	3	74	30	0	107	0	0	0	3	3	449
04:15 PM	0	0	0	12	12	17	227	0	13	257	0	59	24	3	86	0	0	0	11	11	366
04:30 PM	0	0	0	9	9	12	270	0	22	304	0	63	28	1	92	0	0	0	23	23	428
04:45 PM	0	0	0	8	8	20	249	0	22	291	1	47	37	1	86	0	0	0	14	14	399
Total	0	1	0	36	37	73	1029	0	81	1183	4	243	119	5	371	0	0	0	51	51	1642
05:00 PM	0	0	0	4	4	9	231	0	20	260	0	47	36	0	83	0	0	0	22	22	369
05:15 PM	0	0	0	7	7	17	238	0	26	281	1	59	25	0	85	0	0	0	73	73	446
05:30 PM	0	0	0	10	10	13	254	0	11	278	1	68	33	0	102	0	0	0	6	6	396
05:45 PM	0	0	0	10	10	10	277	0	26	313	0	50	23	0	73	0	0	0	9	9	405
Total	0	0	0	31	31	49	1000	0	83	1132	2	224	117	0	343	0	0	0	110	110	1616
*** BREAK ***																					
07:00 PM	0	0	0	13	13	5	131	0	14	150	0	30	19	0	49	0	0	0	25	25	237
07:15 PM	0	0	0	10	10	14	146	0	13	173	0	28	20	0	48	0	0	0	30	30	261
07:30 PM	0	0	0	16	16	5	129	0	16	150	0	23	12	0	35	0	0	0	15	15	216
07:45 PM	0	0	0	21	21	7	127	0	18	152	0	37	18	0	55	0	0	0	18	18	246
Total	0	0	0	60	60	31	533	0	61	625	0	118	69	0	187	0	0	0	88	88	960
08:00 PM	0	0	0	8	8	14	140	0	11	165	0	41	17	0	58	0	0	0	7	7	238
08:15 PM	0	0	0	5	5	9	122	0	13	144	0	39	23	0	62	0	0	0	8	8	219
08:30 PM	0	0	0	4	4	10	103	0	6	119	0	37	10	0	47	0	0	0	8	8	178
08:45 PM	0	0	0	6	6	11	117	0	12	140	0	26	13	0	39	0	0	0	2	2	187
Total	0	0	0	23	23	44	482	0	42	568	0	143	63	0	206	0	0	0	25	25	822
09:00 PM	0	0	0	7	7	3	101	0	16	120	0	29	17	1	47	0	0	0	22	22	196
09:15 PM	0	0	0	6	6	5	95	0	11	111	0	23	14	0	37	0	0	0	8	8	162
09:30 PM	0	0	0	2	2	11	105	0	14	130	0	31	21	0	52	0	0	0	15	15	199
09:45 PM	0	0	0	2	2	6	108	0	14	128	0	21	17	0	38	0	0	0	7	7	175
Total	0	0	0	17	17	25	409	0	55	489	0	104	69	1	174	0	0	0	52	52	732
Grand Total	0	1	0	167	168	222	3453	0	322	3997	6	832	437	6	1281	0	0	0	326	326	5772
Apprch %	0	0.6	0	99.4		5.6	86.4	0	8.1		0.5	64.9	34.1	0.5		0	0	0	100		
Total %	0	0	0	2.9	2.9	3.8	59.8	0	5.6	69.2	0.1	14.4	7.6	0.1	22.2	0	0	0	5.6	5.6	
Cars	0	1	0	146	147	179	3443	0	173	3795	6	829	435	6	1276	0	0	0	317	317	5535
% Cars	0	100	0	87.4	87.5	80.6	99.7	0	53.7	94.9	100	99.6	99.5	100	99.6	0	0	0	97.2	97.2	95.9
Heavy Vehicles	0	0	0	21	21	2	10	0	148	160	0	3	2	0	5	0	0	0	9	9	195
% Heavy Vehicles	0	0	0	12.6	12.5	0.9	0.3	0	46	4	0	0.4	0.5	0	0.4	0	0	0	2.8	2.8	3.4
RTOR , U-Turns	0	0	0	0	0	41	0	0	1	42	0	0	0	0	0	0	0	0	0	0	42
% RTOR , U-Turns	0	0	0	0	0	18.5	0	0	0.3	1.1	0	0	0	0	0	0	0	0	0	0	0.7

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Friday, June 14, 2013
Counter: ET

File Name : FM0614 11Wb
Site Code : 00000000
Start Date : 6/14/2013
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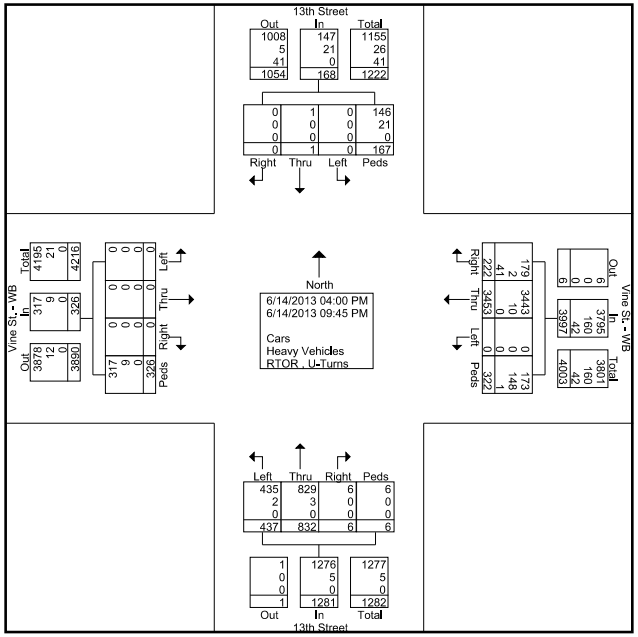
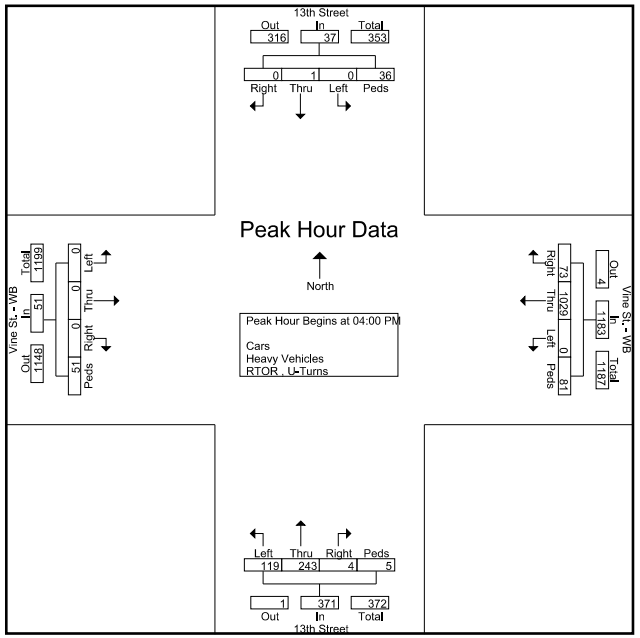


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Friday, June 14, 2013
Counter: ET

File Name : FM0614 11Wb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 3

	13th Street Southbound					Vine St. - WB Westbound					13th Street Northbound					Vine St. - WB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	**1**	0	7	8	**24**	**283**	0	**24**	**331**	**3**	**74**	30	0	**107**	0	0	0	3	3	**449**
04:15 PM	0	0	0	**12**	**12**	17	227	0	13	257	0	59	24	**3**	86	0	0	0	11	11	366
04:30 PM	0	0	0	9	9	12	270	0	22	304	0	63	28	1	92	0	0	0	**23**	**23**	428
04:45 PM	0	0	0	8	8	20	249	0	22	291	1	47	**37**	1	86	0	0	0	14	14	399
Total Volume	0	1	0	36	37	73	1029	0	81	1183	4	243	119	5	371	0	0	0	51	51	1642
% App. Total	0	2.7	0	97.3		6.2	87	0	6.8		1.1	65.5	32.1	1.3		0	0	0	100		
PHF	.000	.250	.000	.750	.771	.760	.909	.000	.844	.894	.333	.821	.804	.417	.867	.000	.000	.000	.554	.554	.914

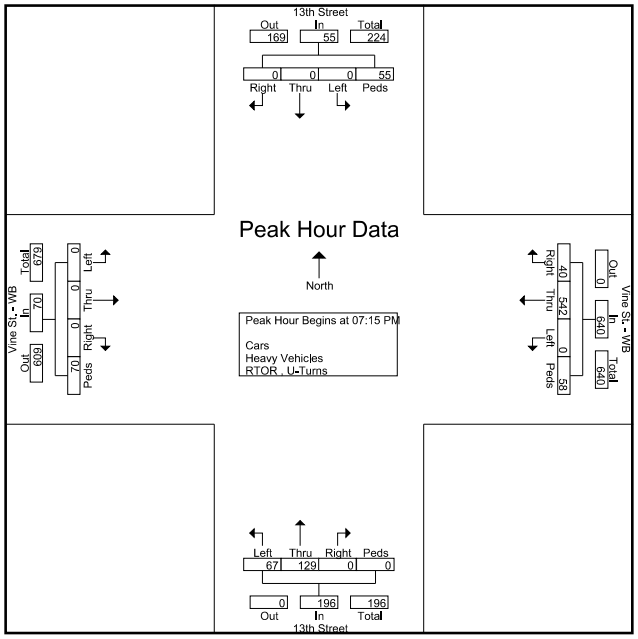


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Friday, June 14, 2013
Counter: ET

File Name : FM0614 11Wb
Site Code : 00000000
Start Date : 6/14/2013
Page No : 4

	13th Street Southbound					Vine St. - WB Westbound					13th Street Northbound					Vine St. - WB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:15 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 PM																					
07:15 PM	0	0	0	10	10	**14**	**146**	0	13	**173**	0	28	**20**	0	48	0	0	0	**30**	**30**	**261**
07:30 PM	0	0	0	16	16	5	129	0	16	150	0	23	12	0	35	0	0	0	15	15	216
07:45 PM	0	0	0	**21**	**21**	7	127	0	**18**	152	0	37	18	0	55	0	0	0	18	18	246
08:00 PM	0	0	0	8	8	14	140	0	11	165	0	**41**	17	0	**58**	0	0	0	7	7	238
Total Volume	0	0	0	55	55	40	542	0	58	640	0	129	67	0	196	0	0	0	70	70	961
% App. Total	0	0	0	100		6.2	84.7	0	9.1		0	65.8	34.2	0		0	0	0	100		
PHF	.000	.000	.000	.655	.655	.714	.928	.000	.806	.925	.000	.787	.838	.000	.845	.000	.000	.000	.583	.583	.920



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, Pa
Intersection: Callowhill St @ 13th St
Date: Friday, June 14, 2013
Counter: RZ

File Name : FM 0614 12
Site Code : 00000000
Start Date : 6/14/2013
Page No : 1

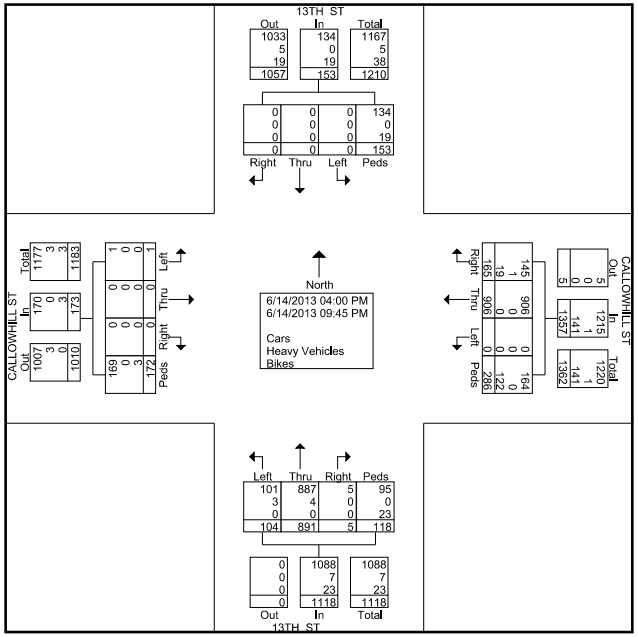
Groups Printed- Cars - Heavy Vehicles - Bikes

	13TH ST Southbound					CALLOWHILL ST Westbound					13TH ST Northbound					CALLOWHILL ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	0	0	3	3	14	78	0	16	108	0	75	11	33	119	0	0	0	11	11	241
04:15 PM	0	0	0	2	2	16	73	0	13	102	0	56	6	3	65	0	0	0	4	4	173
04:30 PM	0	0	0	6	6	15	75	0	19	109	0	70	4	8	82	0	0	0	6	6	203
04:45 PM	0	0	0	9	9	17	78	0	8	103	0	65	8	4	77	0	0	0	2	2	191
Total	0	0	0	20	20	62	304	0	56	422	0	266	29	48	343	0	0	0	23	23	808
05:00 PM	0	0	0	3	3	16	57	0	20	93	1	45	5	3	54	0	0	0	3	3	153
05:15 PM	0	0	0	79	79	12	72	0	25	109	4	59	6	4	73	0	0	0	71	71	332
05:30 PM	0	0	0	25	25	10	56	0	16	82	0	72	6	4	82	0	0	0	7	7	196
05:45 PM	0	0	0	4	4	8	55	0	19	82	0	52	8	7	67	0	0	0	2	2	155
Total	0	0	0	111	111	46	240	0	80	366	5	228	25	18	276	0	0	0	83	83	836
*** BREAK ***																					
07:00 PM	0	0	0	2	2	3	41	0	22	66	0	29	6	7	42	0	0	0	9	9	119
07:15 PM	0	0	0	4	4	7	37	0	12	56	0	31	5	12	48	0	0	0	12	12	120
07:30 PM	0	0	0	0	0	3	32	0	10	45	0	22	5	1	28	0	0	0	2	2	75
07:45 PM	0	0	0	2	2	4	42	0	12	58	0	44	1	2	47	0	0	0	2	2	109
Total	0	0	0	8	8	17	152	0	56	225	0	126	17	22	165	0	0	0	25	25	423
08:00 PM	0	0	0	1	1	3	29	0	12	44	0	43	2	4	49	0	0	0	6	6	100
08:15 PM	0	0	0	6	6	7	36	0	13	56	0	38	2	10	50	0	0	0	1	1	113
08:30 PM	0	0	0	1	1	4	20	0	5	29	0	37	12	1	50	0	0	0	8	8	88
08:45 PM	0	0	0	2	2	7	26	0	12	45	0	36	8	0	44	0	0	0	2	2	93
Total	0	0	0	10	10	21	111	0	42	174	0	154	24	15	193	0	0	0	17	17	394
09:00 PM	0	0	0	3	3	5	25	0	15	45	0	30	1	5	36	0	0	1	14	15	99
09:15 PM	0	0	0	0	0	3	27	0	7	37	0	26	2	4	32	0	0	0	7	7	76
09:30 PM	0	0	0	0	0	5	19	0	11	35	0	34	3	3	40	0	0	0	2	2	77
09:45 PM	0	0	0	1	1	6	28	0	19	53	0	27	3	3	33	0	0	0	1	1	88
Total	0	0	0	4	4	19	99	0	52	170	0	117	9	15	141	0	0	1	24	25	340
Grand Total	0	0	0	153	153	165	906	0	286	1357	5	891	104	118	1118	0	0	1	172	173	2801
Apprch %	0	0	0	100		12.2	66.8	0	21.1		0.4	79.7	9.3	10.6		0	0	0.6	99.4		
Total %	0	0	0	5.5	5.5	5.9	32.3	0	10.2	48.4	0.2	31.8	3.7	4.2	39.9	0	0	0	6.1	6.2	
Cars	0	0	0	134	134	145	906	0	164	1215	5	887	101	95	1088	0	0	1	169	170	2607
% Cars	0	0	0	87.6	87.6	87.9	100	0	57.3	89.5	100	99.6	97.1	80.5	97.3	0	0	100	98.3	98.3	93.1
Heavy Vehicles	0	0	0	0	0	1	0	0	0	1	0	4	3	0	7	0	0	0	0	0	8
% Heavy Vehicles	0	0	0	0	0	0.6	0	0	0	0.1	0	0.4	2.9	0	0.6	0	0	0	0	0	0.3
Bikes	0	0	0	19	19	19	0	0	122	141	0	0	0	23	23	0	0	0	3	3	186
% Bikes	0	0	0	12.4	12.4	11.5	0	0	42.7	10.4	0	0	0	19.5	2.1	0	0	0	1.7	1.7	6.6

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, Pa
Intersection: Callowhill St @ 13th St
Date: Friday, June 14, 2013
Counter: RZ

File Name : FM 0614 12
Site Code : 00000000
Start Date : 6/14/2013
Page No : 2

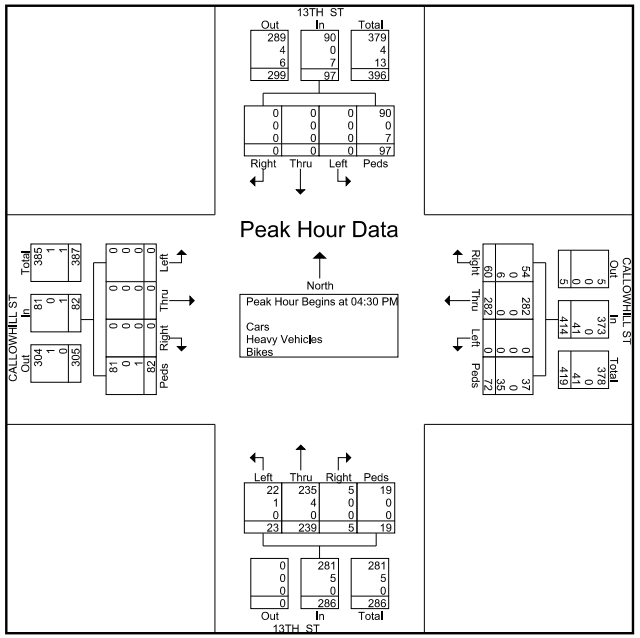


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, Pa
Intersection: Callowhill St @ 13th St
Date: Friday, June 14, 2013
Counter: RZ

File Name : FM 0614 12
Site Code : 00000000
Start Date : 6/14/2013
Page No : 3

	13TH ST Southbound					CALLOWHILL ST Westbound					13TH ST Northbound					CALLOWHILL ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 07:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	6	6	15	75	0	19	**109**	0	**70**	4	**8**	**82**	0	0	0	6	6	203
04:45 PM	0	0	0	9	9	**17**	**78**	0	8	103	0	65	**8**	4	77	0	0	0	2	2	191
05:00 PM	0	0	0	3	3	16	57	0	20	93	1	45	5	3	54	0	0	0	3	3	153
05:15 PM	0	0	0	**79**	**79**	12	72	0	**25**	109	**4**	59	6	4	73	0	0	0	**71**	**71**	**332**
Total Volume	0	0	0	97	97	60	282	0	72	414	5	239	23	19	286	0	0	0	82	82	879
% App. Total	0	0	0	100		14.5	68.1	0	17.4		1.7	83.6	8	6.6		0	0	0	100		
PHF	.000	.000	.000	.307	.307	.882	.904	.000	.720	.950	.313	.854	.719	.594	.872	.000	.000	.000	.289	.289	.662
Cars	0	0	0	90	90	54	282	0	37	373	5	235	22	19	281	0	0	0	81	81	825
% Cars	0	0	0	92.8	92.8	90.0	100	0	51.4	90.1	100	98.3	95.7	100	98.3	0	0	0	98.8	98.8	93.9
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	1.7	4.3	0	1.7	0	0	0	0	0	0.6
Bikes	0	0	0	7	7	6	0	0	35	41	0	0	0	0	0	0	0	0	1	1	49
% Bikes	0	0	0	7.2	7.2	10.0	0	0	48.6	9.9	0	0	0	0	0	0	0	0	1.2	1.2	5.6

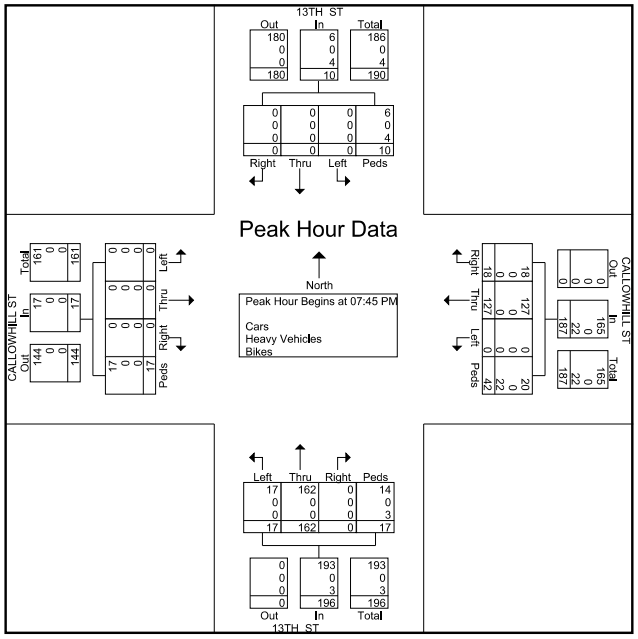


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, Pa
Intersection: Callowhill St @ 13th St
Date: Friday, June 14, 2013
Counter: RZ

File Name : FM 0614 12
Site Code : 00000000
Start Date : 6/14/2013
Page No : 4

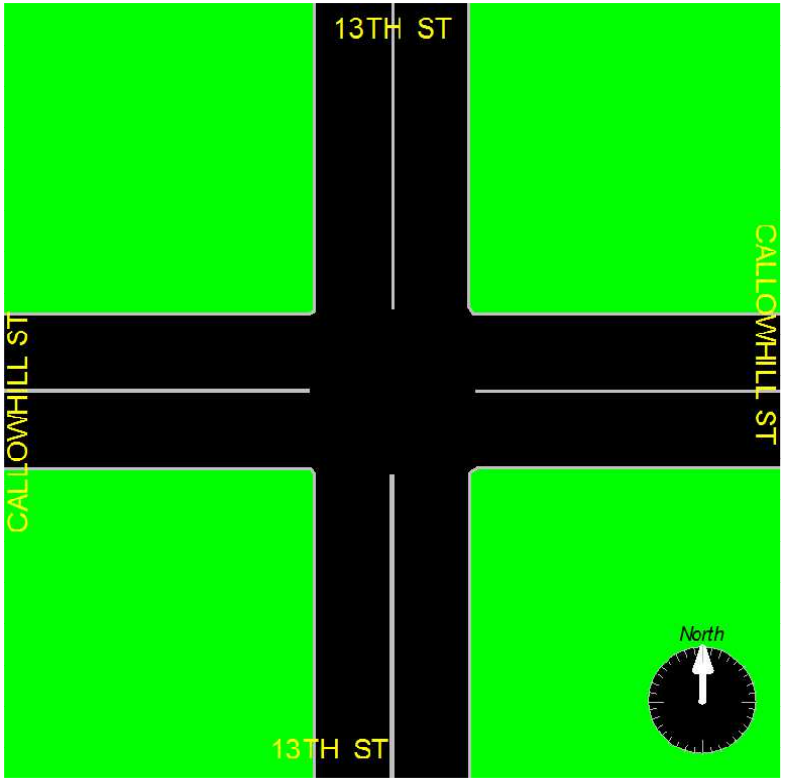
	13TH ST Southbound					CALLOWHILL ST Westbound					13TH ST Northbound					CALLOWHILL ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:15 PM to 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 PM																					
07:45 PM	0	0	0	2	2	4	**42**	0	12	**58**	0	**44**	1	2	47	0	0	0	2	2	109
08:00 PM	0	0	0	1	1	3	29	0	12	44	0	43	2	4	49	0	0	0	6	6	100
08:15 PM	0	0	0	**6**	**6**	**7**	36	0	**13**	56	0	38	2	**10**	**50**	0	0	0	1	1	**113**
08:30 PM	0	0	0	1	1	4	20	0	5	29	0	37	**12**	1	50	0	0	0	**8**	**8**	88
Total Volume	0	0	0	10	10	18	127	0	42	187	0	162	17	17	196	0	0	0	17	17	410
% App. Total	0	0	0	100		9.6	67.9	0	22.5		0	82.7	8.7	8.7		0	0	0	100		
PHF	.000	.000	.000	.417	.417	.643	.756	.000	.808	.806	.000	.920	.354	.425	.980	.000	.000	.000	.531	.531	.907
Cars	0	0	0	6	6	18	127	0	20	165	0	162	17	14	193	0	0	0	17	17	381
% Cars	0	0	0	60.0	60.0	100	100	0	47.6	88.2	0	100	100	82.4	98.5	0	0	0	100	100	92.9
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bikes	0	0	0	4	4	0	0	0	22	22	0	0	0	3	3	0	0	0	0	0	29
% Bikes	0	0	0	40.0	40.0	0	0	0	52.4	11.8	0	0	0	17.6	1.5	0	0	0	0	0	7.1



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, Pa
Intersection: Callowhill St @ 13th St
Date: Friday, June 14, 2013
Counter: RZ

File Name : FM 0614 12
Site Code : 00000000
Start Date : 6/14/2013
Page No : 5



SATURDAY PEAK HOUR TIME PERIOD

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Westbound

Counter: 2
Counted by: K. DiSessa
Weather: Sunny
Saved as: 2013-06-08 PM 15th_ Vine west

File Name : 2013-06-08 PM 15th_ Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

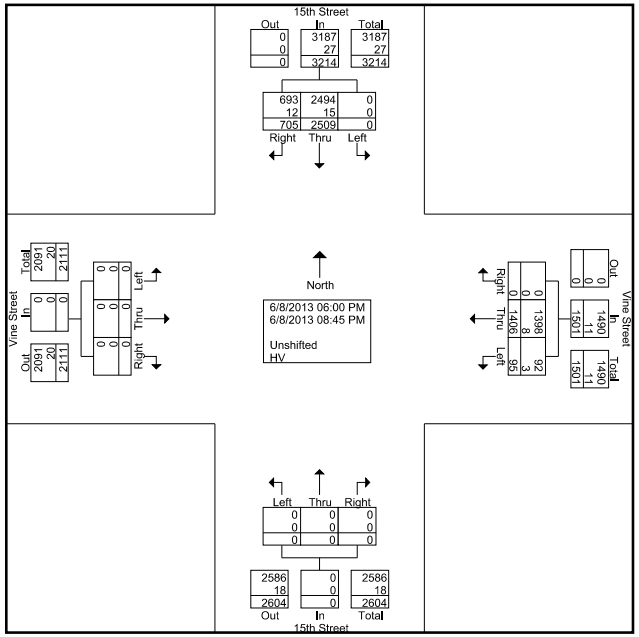
Groups Printed- Unshifted - HV

	Vine Street Eastbound					Vine Street Westbound					15th Street Northbound					15th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Excls. Total	Incls. Total	Int. Total
06:00 PM	0	0	0	0	0	8	115	0	0	123	0	0	0	0	0	0	238	110	24	348	24	471	495
06:15 PM	0	0	0	0	0	14	185	0	0	199	0	0	0	0	0	0	233	114	9	347	9	546	555
06:30 PM	0	0	0	0	0	9	150	0	0	159	0	0	0	0	0	0	270	81	19	351	19	510	529
06:45 PM	0	0	0	0	0	11	144	0	0	155	0	0	0	0	0	0	240	43	3	283	3	438	441
Total	0	0	0	0	0	42	594	0	0	636	0	0	0	0	0	0	981	348	55	1329	55	1965	2020
07:00 PM	0	0	0	0	0	4	108	0	0	112	0	0	0	0	0	0	228	42	4	270	4	382	386
07:15 PM	0	0	0	0	0	9	104	0	0	113	0	0	0	0	0	0	198	54	11	252	11	365	376
07:30 PM	0	0	0	0	0	11	110	0	0	121	0	0	0	0	0	0	247	48	5	295	5	416	421
07:45 PM	0	0	0	0	0	5	97	0	0	102	0	0	0	0	0	0	233	54	13	287	13	389	402
Total	0	0	0	0	0	29	419	0	0	448	0	0	0	0	0	0	906	198	33	1104	33	1552	1585
08:00 PM	0	0	0	0	0	5	95	0	0	100	0	0	0	0	0	0	184	38	5	222	5	322	327
08:15 PM	0	0	0	0	0	5	99	0	0	104	0	0	0	0	0	0	178	40	10	218	10	322	332
08:30 PM	0	0	0	0	0	5	103	0	0	108	0	0	0	0	0	0	131	36	7	167	7	275	282
08:45 PM	0	0	0	0	0	9	96	0	0	105	0	0	0	0	0	0	129	45	9	174	9	279	288
Total	0	0	0	0	0	24	393	0	0	417	0	0	0	0	0	0	622	159	31	781	31	1198	1229
Grand Total	0	0	0	0	0	95	1406	0	0	1501	0	0	0	0	0	0	2509	705	119	3214	119	4715	4834
Apprch %	0	0	0			6.3	93.7	0			0	0	0			0	78.1	21.9					
Total %	0	0	0		0	2	29.8	0		31.8	0	0	0		0	0	53.2	15		68.2	2.5	97.5	
Unshifted	0	0	0		0	92	1398	0		1490	0	0	0		0	0	2494	693		3305	0	0	4795
% Unshifted	0	0	0	0	0	96.8	99.4	0	0	99.3	0	0	0	0	0	0	99.4	98.3	99.2	99.2	0	0	99.2
HV	0	0	0		0	3	8	0		11	0	0	0		0	0	15	12		28	0	0	39
% HV	0	0	0	0	0	3.2	0.6	0	0	0.7	0	0	0	0	0	0	0.6	1.7	0.8	0.8	0	0	0.8

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Westbound

File Name : 2013-06-08 PM 15th_ Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

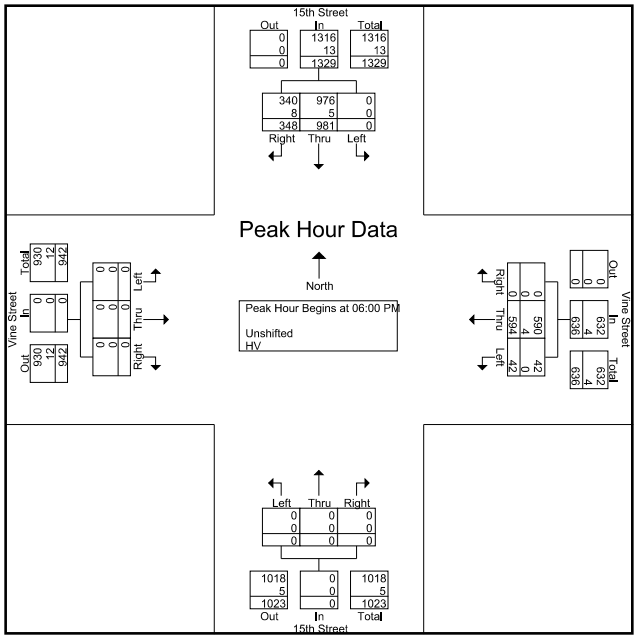


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Westbound

File Name : 2013-06-08 PM 15th_ Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Vine Street Eastbound				Vine Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	0	0	0	8	115	0	123	0	0	0	0	0	238	110	348	471
06:15 PM	0	0	0	0	**14**	**185**	0	**199**	0	0	0	0	0	233	**114**	347	**546**
06:30 PM	0	0	0	0	9	150	0	159	0	0	0	0	0	**270**	81	**351**	510
06:45 PM	0	0	0	0	11	144	0	155	0	0	0	0	0	240	43	283	438
Total Volume	0	0	0	0	42	594	0	636	0	0	0	0	0	981	348	1329	1965
% App. Total	0	0	0		6.6	93.4	0		0	0	0		0	73.8	26.2		
PHF	.000	.000	.000	.000	.750	.803	.000	.799	.000	.000	.000	.000	.000	.908	.763	.947	.900
Unshifted	0	0	0	0	42	590	0	632	0	0	0	0	0	976	340	1316	1948
% Unshifted	0	0	0	0	100	99.3	0	99.4	0	0	0	0	0	99.5	97.7	99.0	99.1
HV	0	0	0	0	0	4	0	4	0	0	0	0	0	5	8	13	17
% HV	0	0	0	0	0	0.7	0	0.6	0	0	0	0	0	0.5	2.3	1.0	0.9



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

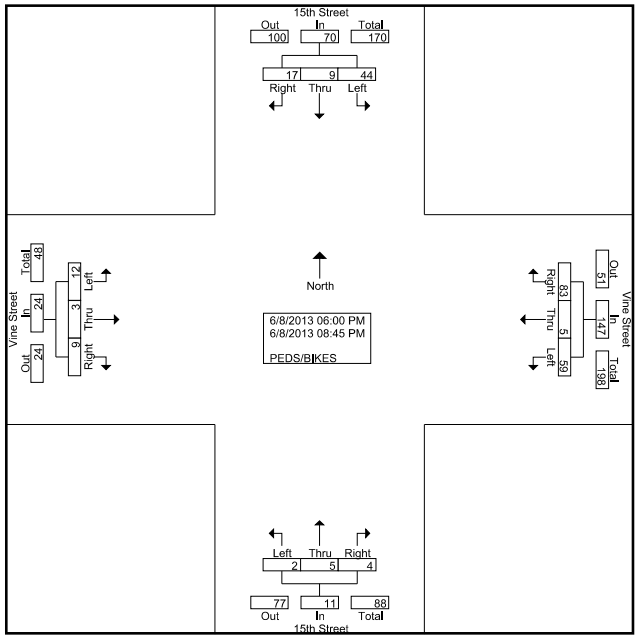
15th Street & Vine Street Westbound

Counter: 2
Counted by: K. DiSessa
Weather: Sunny
Saved as: 2013-06-08 PM 15th_ Vine west

File Name : 2013-06-08 PM 15th_ Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Vine Street Eastbound					Vine Street Westbound					15th Street Northbound					15th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Excl. Total	Incl. Total	Int. Total
06:00 PM	0	0	0	0	0	12	0	6	0	18	0	2	2	0	4	9	1	0	0	10	0	32	32
06:15 PM	2	0	0	0	2	4	2	3	0	9	1	0	0	0	1	3	0	3	0	6	0	18	18
06:30 PM	4	0	0	0	4	7	1	11	0	19	0	0	0	0	0	4	1	3	0	8	0	31	31
06:45 PM	1	1	1	0	3	3	0	10	0	13	0	0	0	0	0	2	0	3	0	5	0	21	21
Total	7	1	1	0	9	26	3	30	0	59	1	2	2	0	5	18	2	9	0	29	0	102	102
07:00 PM	0	1	1	0	2	3	0	3	0	6	0	1	0	0	1	4	0	1	0	5	0	14	14
07:15 PM	1	0	2	0	3	4	0	11	0	15	0	0	0	0	0	2	0	5	0	7	0	25	25
07:30 PM	2	1	2	0	5	9	0	8	0	17	0	0	0	0	0	6	1	0	0	7	0	29	29
07:45 PM	0	0	1	0	1	5	1	3	0	9	0	0	0	0	0	4	1	1	0	6	0	16	16
Total	3	2	6	0	11	21	1	25	0	47	0	1	0	0	1	16	2	7	0	25	0	84	84
08:00 PM	2	0	2	0	4	0	1	2	0	3	1	1	1	0	3	2	2	0	0	4	0	14	14
08:15 PM	0	0	0	0	0	5	0	5	0	10	0	1	0	0	1	5	0	0	0	5	0	16	16
08:30 PM	0	0	0	0	0	4	0	14	0	18	0	0	0	0	0	1	0	1	0	2	0	20	20
08:45 PM	0	0	0	0	0	3	0	7	0	10	0	0	1	0	1	2	3	0	0	5	0	16	16
Total	2	0	2	0	4	12	1	28	0	41	1	2	2	0	5	10	5	1	0	16	0	66	66
Grand Total	12	3	9	0	24	59	5	83	0	147	2	5	4	0	11	44	9	17	0	70	0	252	252
Apprch %	50	12.5	37.5			40.1	3.4	56.5			18.2	45.5	36.4			62.9	12.9	24.3				
Total %	4.8	1.2	3.6		9.5	23.4	2	32.9		58.3	0.8	2	1.6		4.4	17.5	3.6	6.7		27.8	0	100	

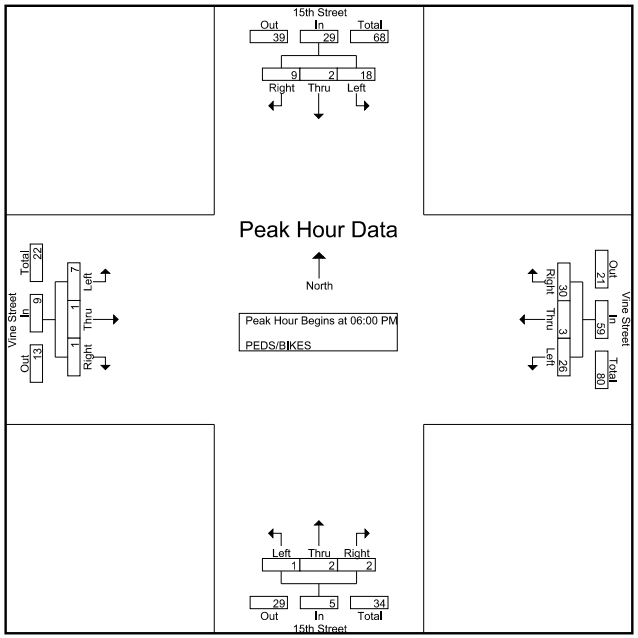


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Westbound

File Name : 2013-06-08 PM 15th_ Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Vine Street Eastbound				Vine Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	0	0	0	**12**	0	6	18	0	**2**	**2**	**4**	**9**	**1**	0	**10**	**32**
06:15 PM	2	0	0	2	4	**2**	3	9	**1**	0	0	1	3	0	**3**	6	18
06:30 PM	**4**	0	0	**4**	7	1	**11**	**19**	0	0	0	0	4	1	3	8	31
06:45 PM	1	**1**	**1**	3	3	0	10	13	0	0	0	0	2	0	3	5	21
Total Volume	7	1	1	9	26	3	30	59	1	2	2	5	18	2	9	29	102
% App. Total	77.8	11.1	11.1		44.1	5.1	50.8		20	40	40		62.1	6.9	31		
PHF	.438	.250	.250	.563	.542	.375	.682	.776	.250	.250	.250	.313	.500	.500	.750	.725	.797



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Eastbound

Counter: 14
Counted by: A. Humski
Weather: Sunny
Saved as: 2013-06-08 PM 15th_Vine EB

File Name : 2013-06-08 PM 15th_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

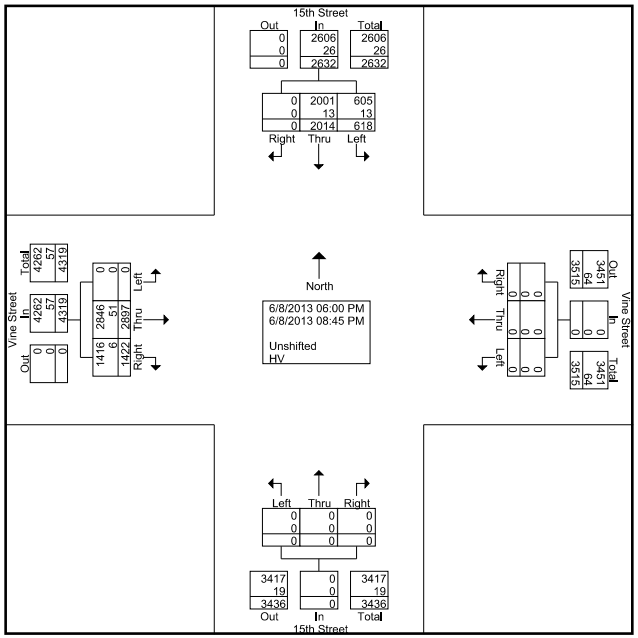
Groups Printed- Unshifted - HV

	Vine Street Eastbound					Vine Street Westbound					15th Street Northbound					15th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
06:00 PM	0	261	120	5	381	0	0	0	0	0	0	0	0	0	0	50	200	0	0	250	5	631	636
06:15 PM	0	264	147	0	411	0	0	0	0	0	0	0	0	0	0	61	191	0	0	252	0	663	663
06:30 PM	0	274	120	0	394	0	0	0	0	0	0	0	0	0	0	65	208	0	0	273	0	667	667
06:45 PM	0	271	124	1	395	0	0	0	0	0	0	0	0	0	0	52	193	0	0	245	1	640	641
Total	0	1070	511	6	1581	0	0	0	0	0	0	0	0	0	0	228	792	0	0	1020	6	2601	2607
07:00 PM	0	243	129	1	372	0	0	0	0	0	0	0	0	0	0	49	185	0	0	234	1	606	607
07:15 PM	0	239	121	1	360	0	0	0	0	0	0	0	0	0	0	48	162	0	0	210	1	570	571
07:30 PM	0	239	146	1	385	0	0	0	0	0	0	0	0	0	0	75	191	0	0	266	1	651	652
07:45 PM	0	274	103	0	377	0	0	0	0	0	0	0	0	0	0	66	174	0	0	240	0	617	617
Total	0	995	499	3	1494	0	0	0	0	0	0	0	0	0	0	238	712	0	0	950	3	2444	2447
08:00 PM	0	237	136	1	373	0	0	0	0	0	0	0	0	0	0	29	159	0	0	188	1	561	562
08:15 PM	0	229	84	0	313	0	0	0	0	0	0	0	0	0	0	58	133	0	0	191	0	504	504
08:30 PM	0	190	98	0	288	0	0	0	0	0	0	0	0	0	0	35	107	0	0	142	0	430	430
08:45 PM	0	176	94	1	270	0	0	0	0	0	0	0	0	0	0	30	111	0	0	141	1	411	412
Total	0	832	412	2	1244	0	0	0	0	0	0	0	0	0	0	152	510	0	0	662	2	1906	1908
Grand Total	0	2897	1422	11	4319	0	0	0	0	0	0	0	0	0	0	618	2014	0	0	2632	11	6951	6962
Apprch %	0	67.1	32.9			0	0	0			0	0	0			23.5	76.5	0					
Total %	0	41.7	20.5		62.1	0	0	0		0	0	0	0		0	8.9	29	0		37.9	0.2	99.8	
Unshifted	0	2846	1416		4273	0	0	0		0	0	0	0		0	605	2001	0		2606	0	0	6879
% Unshifted	0	98.2	99.6	100	98.7	0	0	0	0	0	0	0	0	0	0	97.9	99.4	0	0	99	0	0	98.8
HV	0	51	6		57	0	0	0		0	0	0	0		0	13	13	0		26	0	0	83
% HV	0	1.8	0.4	0	1.3	0	0	0	0	0	0	0	0	0	0	2.1	0.6	0	0	1	0	0	1.2

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Eastbound

File Name : 2013-06-08 PM 15th_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

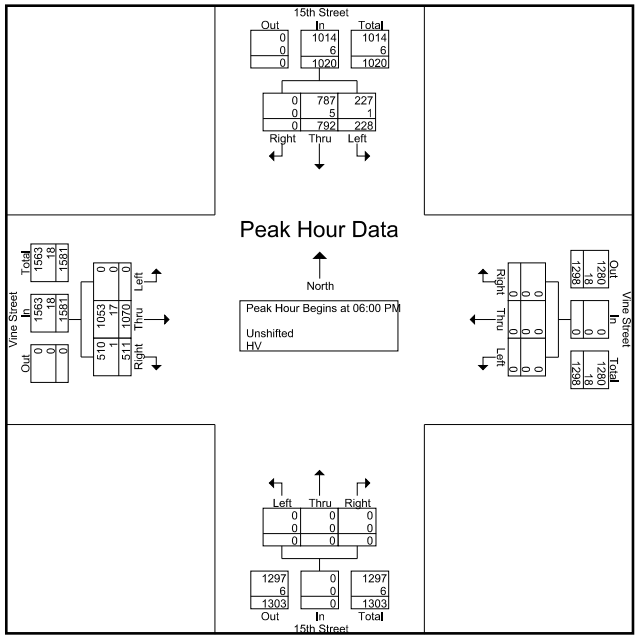


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Eastbound

File Name : 2013-06-08 PM 15th_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Vine Street Eastbound				Vine Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	261	120	381	0	0	0	0	0	0	0	0	50	200	0	250	631
06:15 PM	0	264	**147**	**411**	0	0	0	0	0	0	0	0	61	191	0	252	663
06:30 PM	0	**274**	120	394	0	0	0	0	0	0	0	0	**65**	**208**	0	**273**	**667**
06:45 PM	0	271	124	395	0	0	0	0	0	0	0	0	52	193	0	245	640
Total Volume	0	1070	511	1581	0	0	0	0	0	0	0	0	228	792	0	1020	2601
% App. Total	0	67.7	32.3		0	0	0		0	0	0		22.4	77.6	0		
PHF	.000	.976	.869	.962	.000	.000	.000	.000	.000	.000	.000	.000	.877	.952	.000	.934	.975
Unshifted	0	1053	510	1563	0	0	0	0	0	0	0	0	227	787	0	1014	2577
% Unshifted	0	98.4	99.8	98.9	0	0	0	0	0	0	0	0	99.6	99.4	0	99.4	99.1
HV	0	17	1	18	0	0	0	0	0	0	0	0	1	5	0	6	24
% HV	0	1.6	0.2	1.1	0	0	0	0	0	0	0	0	0.4	0.6	0	0.6	0.9



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

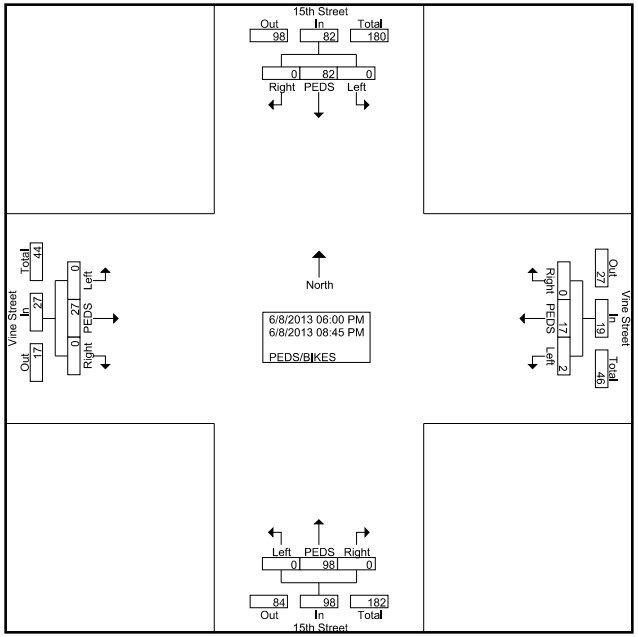
15th Street & Vine Street Eastbound

Counter: 14
Counted by: A. Humski
Weather: Sunny
Saved as: 2013-06-08 PM 15th_Vine EB

File Name : 2013-06-08 PM 15th_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Vine Street Eastbound					Vine Street Westbound					15th Street Northbound					15th Street Southbound							
Start Time	Left	PEDS	Right	RTOR	App. Total	Left	PEDS	Right	RTOR	App. Total	Left	PEDS	Right	RTOR	App. Total	Left	PEDS	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
06:00 PM	0	1	0	0	1	0	3	0	0	3	0	7	0	0	7	0	14	0	0	14	0	25	25
06:15 PM	0	3	0	0	3	0	0	0	0	0	0	7	0	0	7	0	5	0	0	5	0	15	15
06:30 PM	0	1	0	0	1	0	1	0	0	1	0	14	0	0	14	0	7	0	0	7	0	23	23
06:45 PM	0	1	0	0	1	0	1	0	0	1	0	10	0	0	10	0	7	0	0	7	0	19	19
Total	0	6	0	0	6	0	5	0	0	5	0	38	0	0	38	0	33	0	0	33	0	82	82
07:00 PM	0	2	0	0	2	0	0	0	0	0	0	7	0	0	7	0	6	0	0	6	0	15	15
07:15 PM	0	9	0	0	9	0	1	0	0	1	0	12	0	0	12	0	5	0	0	5	0	27	27
07:30 PM	0	1	0	0	1	0	0	0	0	0	0	8	0	0	8	0	12	0	0	12	0	21	21
07:45 PM	0	1	0	0	1	1	1	0	0	2	0	3	0	0	3	0	7	0	0	7	0	13	13
Total	0	13	0	0	13	1	2	0	0	3	0	30	0	0	30	0	30	0	0	30	0	76	76
08:00 PM	0	3	0	0	3	1	0	0	0	1	0	7	0	0	7	0	5	0	0	5	0	16	16
08:15 PM	0	1	0	0	1	0	10	0	0	10	0	5	0	0	5	0	2	0	0	2	0	18	18
08:30 PM	0	4	0	0	4	0	0	0	0	0	0	10	0	0	10	0	3	0	0	3	0	17	17
08:45 PM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	9	0	0	9	0	17	17
Total	0	8	0	0	8	1	10	0	0	11	0	30	0	0	30	0	19	0	0	19	0	68	68
Grand Total	0	27	0	0	27	2	17	0	0	19	0	98	0	0	98	0	82	0	0	82	0	226	226
Apprch %	0	100	0			10.5	89.5	0			0	100	0			0	100	0					
Total %	0	11.9	0		11.9	0.9	7.5	0		8.4	0	43.4	0		43.4	0	36.3	0		36.3	0	100	

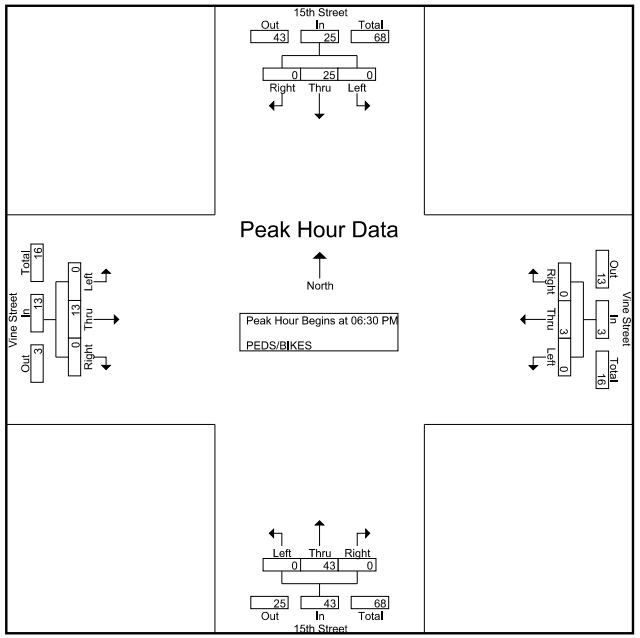


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

15th Street & Vine Street Eastbound

File Name : 2013-06-08 PM 15th_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Vine Street Eastbound				Vine Street Westbound				15th Street Northbound				15th Street Southbound				
Start Time	Left	PEDS	Right	App. Total	Left	PEDS	Right	App. Total	Left	PEDS	Right	App. Total	Left	PEDS	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:30 PM																	
06:30 PM	0	1	0	1	0	**1**	0	**1**	0	**14**	0	**14**	0	**7**	0	**7**	23
06:45 PM	0	1	0	1	0	1	0	1	0	10	0	10	0	7	0	7	19
07:00 PM	0	2	0	2	0	0	0	0	0	7	0	7	0	6	0	6	15
07:15 PM	0	**9**	0	**9**	0	1	0	1	0	12	0	12	0	5	0	5	**27**
Total Volume	0	13	0	13	0	3	0	3	0	43	0	43	0	25	0	25	84
% App. Total	0	100	0		0	100	0		0	100	0		0	100	0		
PHF	.000	.361	.000	.361	.000	.750	.000	.750	.000	.768	.000	.768	.000	.893	.000	.893	.778



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Callowhill Street

Counter: 21
Counted by: R. Kearney
Weather: Sunny
Saved as: 2013-06-08 PM 16th_CS

File Name : 2013-06-08 PM 16th_CS
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

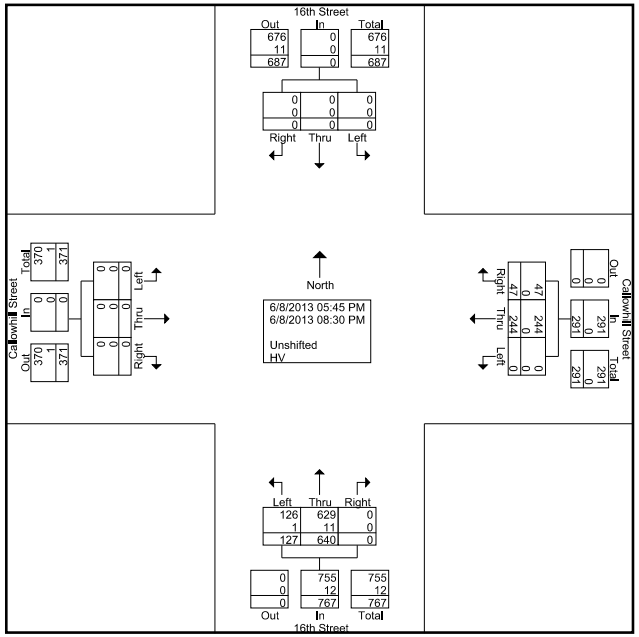
Groups Printed- Unshifted - HV

	Callowhill Street Eastbound					Callowhill Street Westbound					16th Street Northbound					16th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
05:45 PM	0	0	0	0	0	0	25	4	3	29	7	47	0	1	54	0	0	0	0	0	4	83	87
Total	0	0	0	0	0	0	25	4	3	29	7	47	0	1	54	0	0	0	0	0	4	83	87
06:00 PM	0	0	0	0	0	0	32	3	2	35	12	70	0	0	82	0	0	0	0	0	2	117	119
06:15 PM	0	0	0	0	0	0	21	3	2	24	19	62	0	2	81	0	0	0	0	0	4	105	109
06:30 PM	0	0	0	0	0	0	27	4	1	31	8	64	0	0	72	0	0	0	0	0	1	103	104
06:45 PM	0	0	0	0	0	0	26	4	2	30	6	58	0	1	64	0	0	0	0	0	3	94	97
Total	0	0	0	0	0	0	106	14	7	120	45	254	0	3	299	0	0	0	0	0	10	419	429
07:00 PM	0	0	0	0	0	0	20	9	4	29	8	54	0	0	62	0	0	0	0	0	4	91	95
07:15 PM	0	0	0	0	0	0	17	4	4	21	11	55	0	1	66	0	0	0	0	0	5	87	92
07:30 PM	0	0	0	0	0	0	19	1	1	20	15	56	0	4	71	0	0	0	0	0	5	91	96
07:45 PM	0	0	0	0	0	0	11	3	1	14	18	38	0	2	56	0	0	0	0	0	3	70	73
Total	0	0	0	0	0	0	67	17	10	84	52	203	0	7	255	0	0	0	0	0	17	339	356
08:00 PM	0	0	0	0	0	0	15	6	3	21	8	44	0	3	52	0	0	0	0	0	6	73	79
08:15 PM	0	0	0	0	0	0	18	2	1	20	10	40	0	4	50	0	0	0	0	0	5	70	75
08:30 PM	0	0	0	0	0	0	13	4	1	17	5	52	0	1	57	0	0	0	0	0	2	74	76
Grand Total	0	0	0	0	0	0	244	47	25	291	127	640	0	19	767	0	0	0	0	0	44	1058	1102
Apprch %	0	0	0			0	83.8	16.2			16.6	83.4	0			0	0	0					
Total %	0	0	0		0	0	23.1	4.4		27.5	12	60.5	0		72.5	0	0	0		0	4	96	
Unshifted	0	0	0		0	0	244	47		316	126	629	0		774	0	0	0		0	0	0	1090
% Unshifted	0	0	0	0	0	0	100	100	100	100	99.2	98.3	0	100	98.5	0	0	0	0	0	0	0	98.9
HV	0	0	0		0	0	0	0		0	1	11	0		12	0	0	0		0	0	0	12
% HV	0	0	0	0	0	0	0	0	0	0	0.8	1.7	0	0	1.5	0	0	0	0	0	0	0	1.1

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Callowhill Street

File Name : 2013-06-08 PM 16th_CS
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

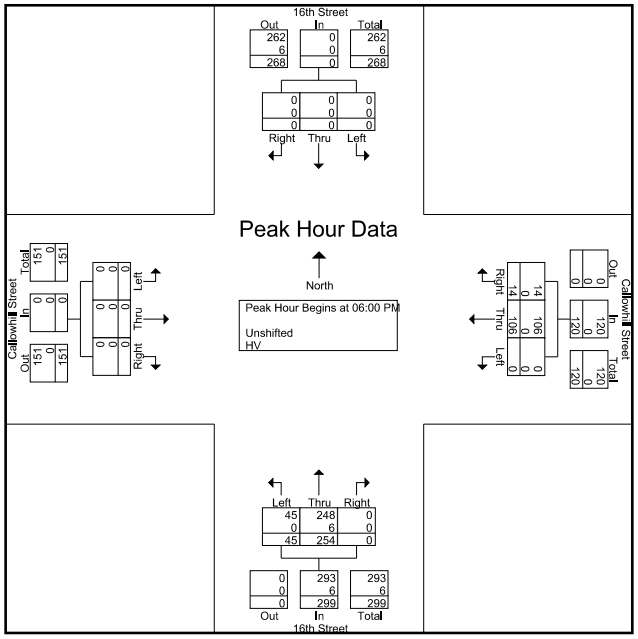


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Callowhill Street

File Name : 2013-06-08 PM 16th_CS
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Callowhill Street Eastbound				Callowhill Street Westbound				16th Street Northbound				16th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:45 PM to 08:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	0	0	0	0	**32**	3	**35**	12	**70**	0	**82**	0	0	0	0	**117**
06:15 PM	0	0	0	0	0	21	3	24	**19**	62	0	81	0	0	0	0	105
06:30 PM	0	0	0	0	0	27	**4**	31	8	64	0	72	0	0	0	0	103
06:45 PM	0	0	0	0	0	26	4	30	6	58	0	64	0	0	0	0	94
Total Volume	0	0	0	0	0	106	14	120	45	254	0	299	0	0	0	0	419
% App. Total	0	0	0		0	88.3	11.7		15.1	84.9	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.828	.875	.857	.592	.907	.000	.912	.000	.000	.000	.000	.895
Unshifted	0	0	0	0	0	106	14	120	45	248	0	293	0	0	0	0	413
% Unshifted	0	0	0	0	0	100	100	100	100	97.6	0	98.0	0	0	0	0	98.6
HV	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	6
% HV	0	0	0	0	0	0	0	0	0	2.4	0	2.0	0	0	0	0	1.4



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

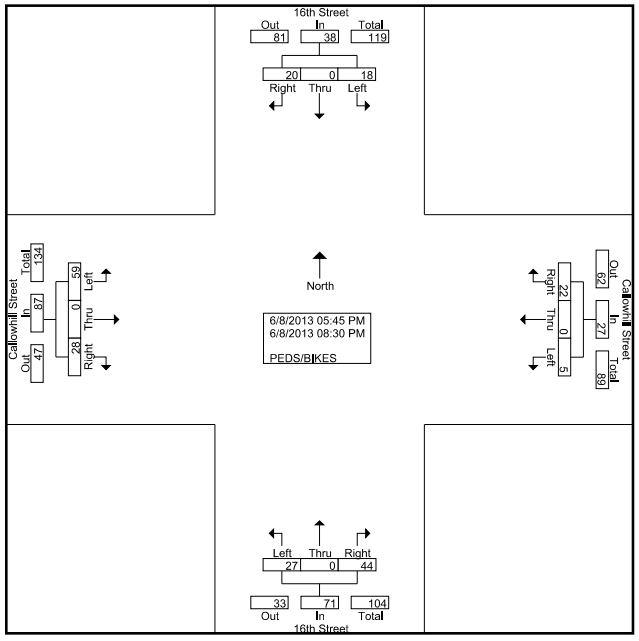
16th Street & Callowhill Street

Counter: 21
Counted by: R. Kearney
Weather: Sunny
Saved as: 2013-06-08 PM 16th_CS

File Name : 2013-06-08 PM 16th_CS
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Callowhill Street Eastbound					Callowhill Street Westbound					16th Street Northbound					16th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Indu. Total	Int. Total
05:45 PM	1	0	2	0	3	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	8	8
Total	1	0	2	0	3	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	8	8
06:00 PM	8	0	6	0	14	0	0	0	0	0	1	0	5	0	6	2	0	7	0	9	0	29	29
06:15 PM	4	0	5	0	9	1	0	4	0	5	2	0	6	0	8	1	0	0	0	1	0	23	23
06:30 PM	6	0	0	0	6	1	0	4	0	5	2	0	2	0	4	0	0	1	0	1	0	16	16
06:45 PM	3	0	5	0	8	1	0	0	0	1	1	0	6	0	7	0	0	0	0	0	0	16	16
Total	21	0	16	0	37	3	0	8	0	11	6	0	19	0	25	3	0	8	0	11	0	84	84
07:00 PM	5	0	3	0	8	0	0	4	0	4	4	0	3	0	7	2	0	1	0	3	0	22	22
07:15 PM	11	0	2	0	13	0	0	0	0	0	0	0	2	0	2	2	0	1	0	3	0	18	18
07:30 PM	5	0	0	0	5	2	0	5	0	7	3	0	9	0	12	5	0	1	0	6	0	30	30
07:45 PM	3	0	0	0	3	0	0	3	0	3	2	0	2	0	4	3	0	6	0	9	0	19	19
Total	24	0	5	0	29	2	0	12	0	14	9	0	16	0	25	12	0	9	0	21	0	89	89
08:00 PM	5	0	3	0	8	0	0	0	0	0	7	0	1	0	8	2	0	2	0	4	0	20	20
08:15 PM	3	0	2	0	5	0	0	0	0	0	2	0	1	0	3	0	0	1	0	1	0	9	9
08:30 PM	5	0	0	0	5	0	0	2	0	2	3	0	2	0	5	1	0	0	0	1	0	13	13
Grand Total	59	0	28	0	87	5	0	22	0	27	27	0	44	0	71	18	0	20	0	38	0	223	223
Apprch %	67.8	0	32.2			18.5	0	81.5			38	0	62			47.4	0	52.6					
Total %	26.5	0	12.6		39	2.2	0	9.9		12.1	12.1	0	19.7		31.8	8.1	0	9		17	0	100	

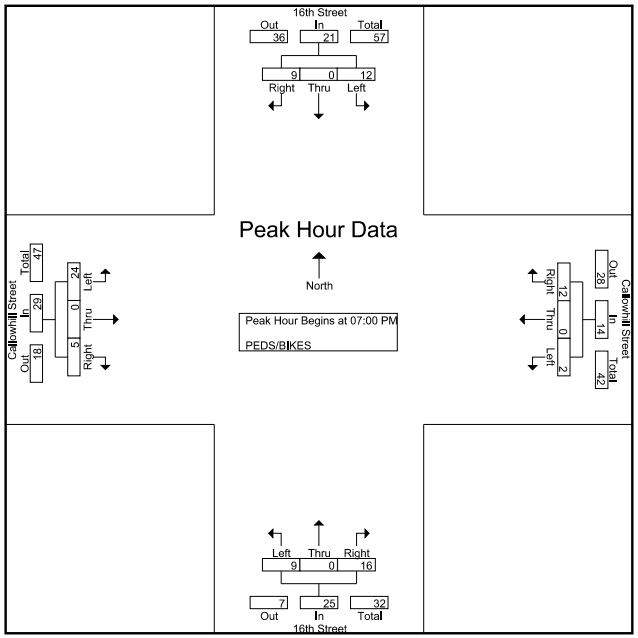


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Callowhill Street

File Name : 2013-06-08 PM 16th_CS
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Callowhill Street Eastbound				Callowhill Street Westbound				16th Street Northbound				16th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:45 PM to 08:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	5	0	**3**	8	0	0	4	4	**4**	0	3	7	2	0	1	3	22
07:15 PM	**11**	0	2	**13**	0	0	0	0	0	0	2	2	2	0	1	3	18
07:30 PM	5	0	0	5	**2**	0	**5**	**7**	3	0	**9**	**12**	**5**	0	1	6	**30**
07:45 PM	3	0	0	3	0	0	3	3	2	0	2	4	3	0	**6**	**9**	19
Total Volume	24	0	5	29	2	0	12	14	9	0	16	25	12	0	9	21	89
% App. Total	82.8	0	17.2		14.3	0	85.7		36	0	64		57.1	0	42.9		
PHF	.545	.000	.417	.558	.250	.000	.600	.500	.563	.000	.444	.521	.600	.000	.375	.583	.742



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Eastbound

Counter: 18
Counted by: C. Duane
Weather: Sunny
Saved as: 2013-06-08 PM 16th_Vine east

File Name : 2013-06-08 PM 16th_Vine east
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

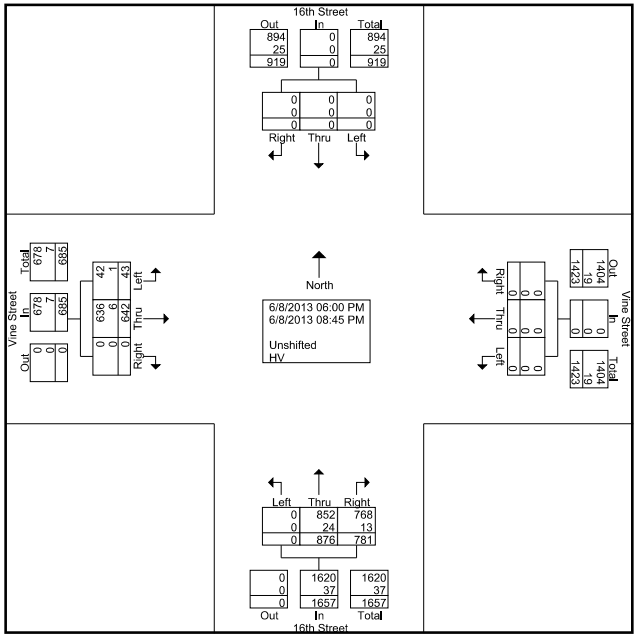
Groups Printed- Unshifted - HV

	Vine Street Eastbound					Vine Street Westbound					16th Street Northbound					16th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Indu. Total	Int. Total
06:00 PM	3	70	0	0	73	0	0	0	0	0	0	76	77	1	153	0	0	0	0	0	1	226	227
06:15 PM	5	52	0	0	57	0	0	0	0	0	0	76	68	2	144	0	0	0	0	0	2	201	203
06:30 PM	4	62	0	0	66	0	0	0	0	0	0	79	68	0	147	0	0	0	0	0	0	213	213
06:45 PM	4	59	0	0	63	0	0	0	0	0	0	74	63	2	137	0	0	0	0	0	2	200	202
Total	16	243	0	0	259	0	0	0	0	0	0	305	276	5	581	0	0	0	0	0	5	840	845
07:00 PM	5	62	0	0	67	0	0	0	0	0	0	76	68	1	144	0	0	0	0	0	1	211	212
07:15 PM	7	57	0	0	64	0	0	0	0	0	0	70	59	0	129	0	0	0	0	0	0	193	193
07:30 PM	4	53	0	0	57	0	0	0	0	0	0	89	69	0	158	0	0	0	0	0	0	215	215
07:45 PM	3	51	0	0	54	0	0	0	0	0	0	62	68	0	130	0	0	0	0	0	0	184	184
Total	19	223	0	0	242	0	0	0	0	0	0	297	264	1	561	0	0	0	0	0	1	803	804
08:00 PM	1	48	0	0	49	0	0	0	0	0	0	66	66	0	132	0	0	0	0	0	0	181	181
08:15 PM	3	49	0	0	52	0	0	0	0	0	0	73	75	1	148	0	0	0	0	0	1	200	201
08:30 PM	1	44	0	0	45	0	0	0	0	0	0	72	56	1	128	0	0	0	0	0	1	173	174
08:45 PM	3	35	0	0	38	0	0	0	0	0	0	63	44	0	107	0	0	0	0	0	0	145	145
Total	8	176	0	0	184	0	0	0	0	0	0	274	241	2	515	0	0	0	0	0	2	699	701
Grand Total	43	642	0	0	685	0	0	0	0	0	0	876	781	8	1657	0	0	0	0	0	8	2342	2350
Apprch %	6.3	93.7	0			0	0	0			0	52.9	47.1			0	0	0				
Total %	1.8	27.4	0		29.2	0	0	0		0	0	37.4	33.3		70.8	0	0	0		0	0.3	99.7	
Unshifted	42	636	0		678	0	0	0		0	0	852	768		1628	0	0	0		0	0	0	2306
% Unshifted	97.7	99.1	0	0	99	0	0	0	0	0	0	97.3	98.3	100	97.8	0	0	0	0	0	0	0	98.1
HV	1	6	0		7	0	0	0		0	0	24	13		37	0	0	0		0	0	0	44
% HV	2.3	0.9	0	0	1	0	0	0	0	0	0	2.7	1.7	0	2.2	0	0	0	0	0	0	0	1.9

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Eastbound

File Name : 2013-06-08 PM 16th_Vine east
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

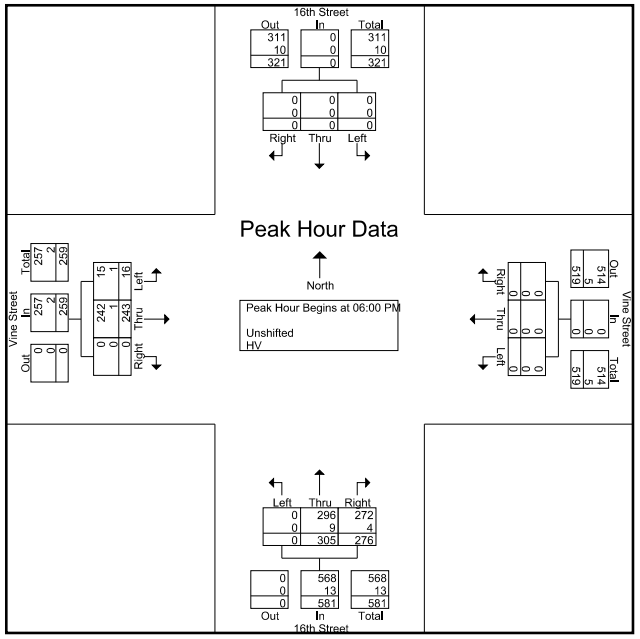


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Eastbound

File Name : 2013-06-08 PM 16th_Vine east
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Vine Street Eastbound				Vine Street Westbound				16th Street Northbound				16th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	3	**70**	0	**73**	0	0	0	0	0	76	**77**	**153**	0	0	0	0	**226**
06:15 PM	**5**	52	0	57	0	0	0	0	0	76	68	144	0	0	0	0	201
06:30 PM	4	62	0	66	0	0	0	0	0	**79**	68	147	0	0	0	0	213
06:45 PM	4	59	0	63	0	0	0	0	0	74	63	137	0	0	0	0	200
Total Volume	16	243	0	259	0	0	0	0	0	305	276	581	0	0	0	0	840
% App. Total	6.2	93.8	0		0	0	0		0	52.5	47.5		0	0	0		
PHF	.800	.868	.000	.887	.000	.000	.000	.000	.000	.965	.896	.949	.000	.000	.000	.000	.929
Unshifted	15	242	0	257	0	0	0	0	0	296	272	568	0	0	0	0	825
% Unshifted	93.8	99.6	0	99.2	0	0	0	0	0	97.0	98.6	97.8	0	0	0	0	98.2
HV	1	1	0	2	0	0	0	0	0	9	4	13	0	0	0	0	15
% HV	6.3	0.4	0	0.8	0	0	0	0	0	3.0	1.4	2.2	0	0	0	0	1.8



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

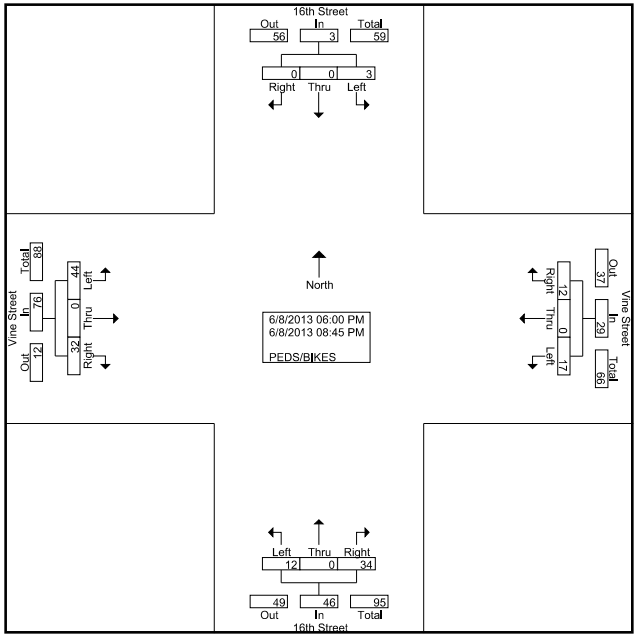
16th Street & Vine Street Eastbound

Counter: 18
Counted by: C. Duane
Weather: Sunny
Saved as: 2013-06-08 PM 16th_Vine east

File Name : 2013-06-08 PM 16th_Vine east
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Vine Street Eastbound					Vine Street Westbound					16th Street Northbound					16th Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Excls. Total	Incls. Total	Int. Total
06:00 PM	6	0	2	0	8	0	0	2	0	2	1	0	6	0	7	0	0	0	0	0	0	17	17
06:15 PM	5	0	6	1	11	0	0	2	0	2	0	0	2	3	2	0	0	0	1	0	5	15	20
06:30 PM	5	0	3	0	8	0	0	1	0	1	0	0	2	3	2	2	0	0	1	2	4	13	17
06:45 PM	6	0	2	0	8	1	0	1	0	2	1	0	1	0	2	0	0	0	0	0	0	12	12
Total	22	0	13	1	35	1	0	6	0	7	2	0	11	6	13	2	0	0	2	2	9	57	66
07:00 PM	0	0	1	0	1	4	0	1	0	5	1	0	0	3	1	0	0	0	0	0	3	7	10
07:15 PM	9	0	6	0	15	5	0	0	0	5	1	0	4	2	5	0	0	0	0	0	2	25	27
07:30 PM	0	0	1	0	1	0	0	0	0	0	1	0	2	1	3	0	0	0	2	0	3	4	7
07:45 PM	3	0	0	0	3	0	0	0	0	0	1	0	4	0	5	0	0	0	0	0	0	8	8
Total	12	0	8	0	20	9	0	1	0	10	4	0	10	6	14	0	0	0	2	0	8	44	52
08:00 PM	4	0	2	1	6	0	0	1	0	1	1	0	4	1	5	0	0	0	2	0	4	12	16
08:15 PM	2	0	2	0	4	6	0	3	0	9	4	0	4	0	8	0	0	0	3	0	3	21	24
08:30 PM	3	0	7	0	10	0	0	0	0	0	1	0	5	0	6	0	0	0	2	0	2	16	18
08:45 PM	1	0	0	0	1	1	0	1	0	2	0	0	0	0	0	1	0	0	5	1	5	4	9
Total	10	0	11	1	21	7	0	5	0	12	6	0	13	1	19	1	0	0	12	1	14	53	67
Grand Total	44	0	32	2	76	17	0	12	0	29	12	0	34	13	46	3	0	0	16	3	31	154	185
Apprch %	57.9	0	42.1			58.6	0	41.4			26.1	0	73.9			100	0	0					
Total %	28.6	0	20.8		49.4	11	0	7.8		18.8	7.8	0	22.1		29.9	1.9	0	0		1.9	16.8	83.2	

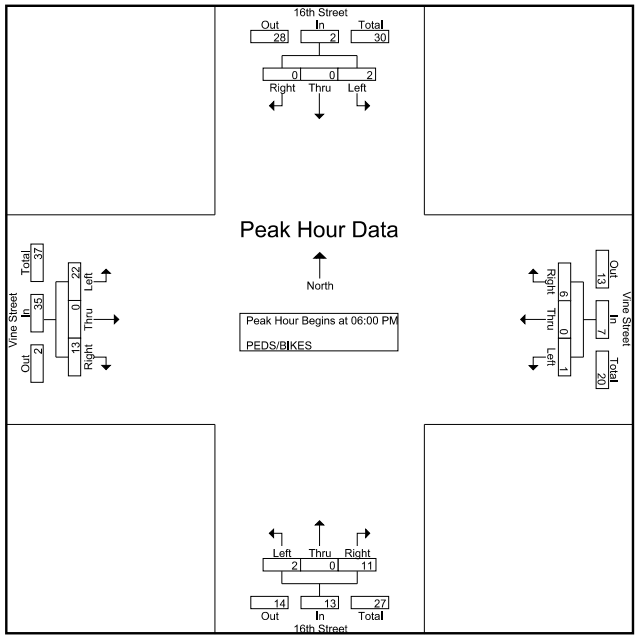


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Eastbound

File Name : 2013-06-08 PM 16th_Vine east
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Vine Street Eastbound				Vine Street Westbound				16th Street Northbound				16th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	**6**	0	2	8	0	0	**2**	**2**	**1**	0	**6**	**7**	0	0	0	0	**17**
06:15 PM	5	0	**6**	**11**	0	0	2	2	0	0	2	2	0	0	0	0	15
06:30 PM	5	0	3	8	0	0	1	1	0	0	2	2	**2**	0	0	**2**	13
06:45 PM	6	0	2	8	**1**	0	1	2	1	0	1	2	0	0	0	0	12
Total Volume	22	0	13	35	1	0	6	7	2	0	11	13	2	0	0	2	57
% App. Total	62.9	0	37.1		14.3	0	85.7		15.4	0	84.6		100	0	0		
PHF	.917	.000	.542	.795	.250	.000	.750	.875	.500	.000	.458	.464	.250	.000	.000	.250	.838



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Westbound

Counter: 25
Counted by: W. Albright
Weather: Sunny
Saved as: 2013-06-08 PM 16th_Vine west

File Name : 2013-06-08 PM 16th_Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

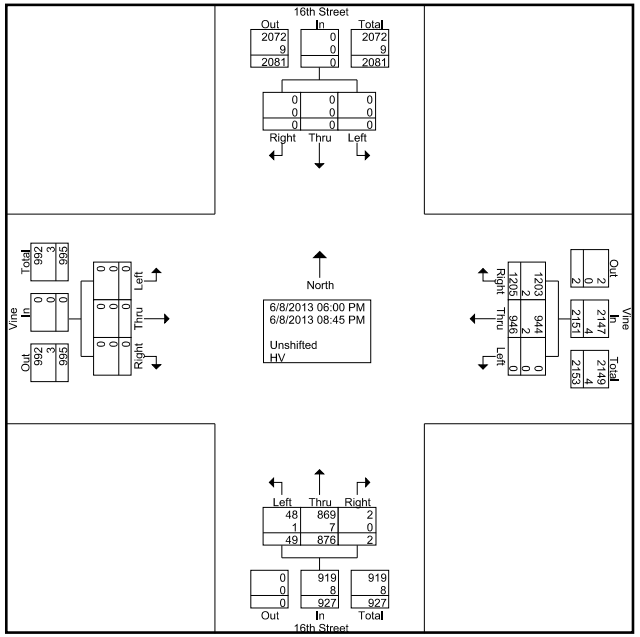
Groups Printed- Unshifted - HV

	Vine Eastbound					Vine Westbound					16th Street Northbound					16th Street Southbound							
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Excls. Total	Incls. Total	Int. Total
06:00 PM	0	0	0	0	0	0	120	80	0	200	8	79	0	0	87	0	0	0	0	0	0	287	287
06:15 PM	0	0	0	0	0	0	176	128	0	304	4	61	0	0	65	0	0	0	0	0	0	369	369
06:30 PM	0	0	0	0	0	0	150	151	0	301	7	74	0	0	81	0	0	0	0	0	0	382	382
06:45 PM	0	0	0	0	0	0	64	106	2	170	2	67	0	0	69	0	0	0	0	0	2	239	241
Total	0	0	0	0	0	0	510	465	2	975	21	281	0	0	302	0	0	0	0	0	2	1277	1279
07:00 PM	0	0	0	0	0	0	41	97	4	138	4	87	0	0	91	0	0	0	0	0	4	229	233
07:15 PM	0	0	0	0	0	0	62	88	0	150	2	64	0	0	66	0	0	0	0	0	0	216	216
07:30 PM	0	0	0	0	0	0	57	95	0	152	4	92	2	0	98	0	0	0	0	0	0	250	250
07:45 PM	0	0	0	0	0	0	55	85	0	140	5	64	0	0	69	0	0	0	0	0	0	209	209
Total	0	0	0	0	0	0	215	365	4	580	15	307	2	0	324	0	0	0	0	0	4	904	908
08:00 PM	0	0	0	0	0	0	71	92	0	163	0	59	0	0	59	0	0	0	0	0	0	222	222
08:15 PM	0	0	0	0	0	0	43	80	0	123	0	96	0	0	96	0	0	0	0	0	0	219	219
08:30 PM	0	0	0	0	0	0	57	77	0	134	13	62	0	0	75	0	0	0	0	0	0	209	209
08:45 PM	0	0	0	0	0	0	50	126	0	176	0	71	0	0	71	0	0	0	0	0	0	247	247
Total	0	0	0	0	0	0	221	375	0	596	13	288	0	0	301	0	0	0	0	0	0	897	897
Grand Total	0	0	0	0	0	0	946	1205	6	2151	49	876	2	0	927	0	0	0	0	0	6	3078	3084
Apprch %	0	0	0			0	44	56			5.3	94.5	0.2			0	0	0					
Total %	0	0	0		0	0	30.7	39.1		69.9	1.6	28.5	0.1		30.1	0	0	0		0	0.2	99.8	
Unshifted	0	0	0		0	0	944	1203		2153	48	869	2		919	0	0	0		0	0	0	3072
% Unshifted	0	0	0	0	0	0	99.8	99.8	100	99.8	98	99.2	100	0	99.1	0	0	0	0	0	0	0	99.6
HV	0	0	0		0	0	2	2		4	1	7	0		8	0	0	0		0	0	0	12
% HV	0	0	0	0	0	0	0.2	0.2	0	0.2	2	0.8	0	0	0.9	0	0	0	0	0	0	0	0.4

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Westbound

File Name : 2013-06-08 PM 16th_Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

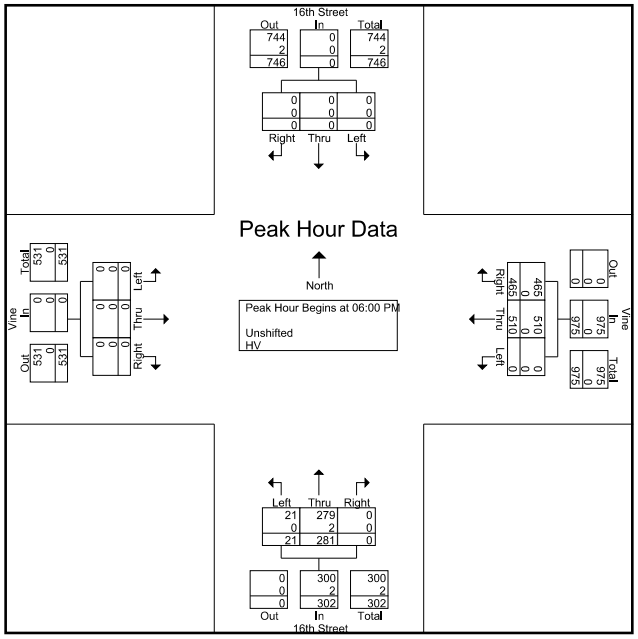


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Westbound

File Name : 2013-06-08 PM 16th_Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Vine Eastbound				Vine Westbound				16th Street Northbound				16th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	0	0	0	0	120	80	200	**8**	**79**	0	**87**	0	0	0	0	287
06:15 PM	0	0	0	0	0	**176**	128	**304**	4	61	0	65	0	0	0	0	369
06:30 PM	0	0	0	0	0	150	**151**	301	7	74	0	81	0	0	0	0	**382**
06:45 PM	0	0	0	0	0	64	106	170	2	67	0	69	0	0	0	0	239
Total Volume	0	0	0	0	0	510	465	975	21	281	0	302	0	0	0	0	1277
% App. Total	0	0	0		0	52.3	47.7		7	93	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.724	.770	.802	.656	.889	.000	.868	.000	.000	.000	.000	.836
Unshifted	0	0	0	0	0	510	465	975	21	279	0	300	0	0	0	0	1275
% Unshifted	0	0	0	0	0	100	100	100	100	99.3	0	99.3	0	0	0	0	99.8
HV	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
% HV	0	0	0	0	0	0	0	0	0	0.7	0	0.7	0	0	0	0	0.2



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

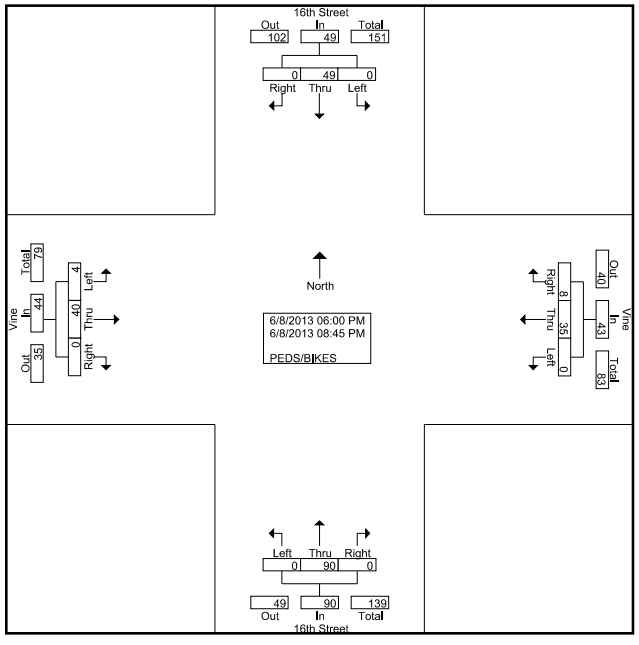
16th Street & Vine Street Westbound

Counter: 25
Counted by: W. Albright
Weather: Sunny
Saved as: 2013-06-08 PM 16th_Vine west

File Name : 2013-06-08 PM 16th_Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Vine Eastbound					Vine Westbound					16th Street Northbound					16th Street Southbound							
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Exclu. Total	Inclu. Total	Int. Total
06:00 PM	0	6	0	0	6	0	4	0	0	4	0	20	0	0	20	0	8	0	0	8	0	38	38
06:15 PM	0	0	0	0	0	0	5	0	0	5	0	12	0	0	12	0	7	0	0	7	0	24	24
06:30 PM	0	4	0	0	4	0	3	3	0	6	0	2	0	0	2	0	2	0	0	2	0	14	14
06:45 PM	0	7	0	0	7	0	14	2	0	16	0	13	0	0	13	0	8	0	0	8	0	44	44
Total	0	17	0	0	17	0	26	5	0	31	0	47	0	0	47	0	25	0	0	25	0	120	120
07:00 PM	0	2	0	0	2	0	2	0	0	2	0	9	0	0	9	0	4	0	0	4	0	17	17
07:15 PM	0	9	0	0	9	0	6	0	0	6	0	4	0	0	4	0	3	0	0	3	0	22	22
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	2
07:45 PM	4	7	0	0	11	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	13	13
Total	4	18	0	0	22	0	8	0	0	8	0	17	0	0	17	0	7	0	0	7	0	54	54
08:00 PM	0	0	0	0	0	0	1	2	0	3	0	9	0	0	9	0	4	0	0	4	0	16	16
08:15 PM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	7	0	0	7	0	13	13
08:30 PM	0	2	0	0	2	0	0	1	0	1	0	2	0	0	2	0	6	0	0	6	0	11	11
08:45 PM	0	3	0	0	3	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	12	12
Total	0	5	0	0	5	0	1	3	0	4	0	26	0	0	26	0	17	0	0	17	0	52	52
Grand Total	4	40	0	0	44	0	35	8	0	43	0	90	0	0	90	0	49	0	0	49	0	226	226
Apprch %	9.1	90.9	0			0	81.4	18.6			0	100	0			0	100	0					
Total %	1.8	17.7	0		19.5	0	15.5	3.5		19	0	39.8	0		39.8	0	21.7	0		21.7	0	100	

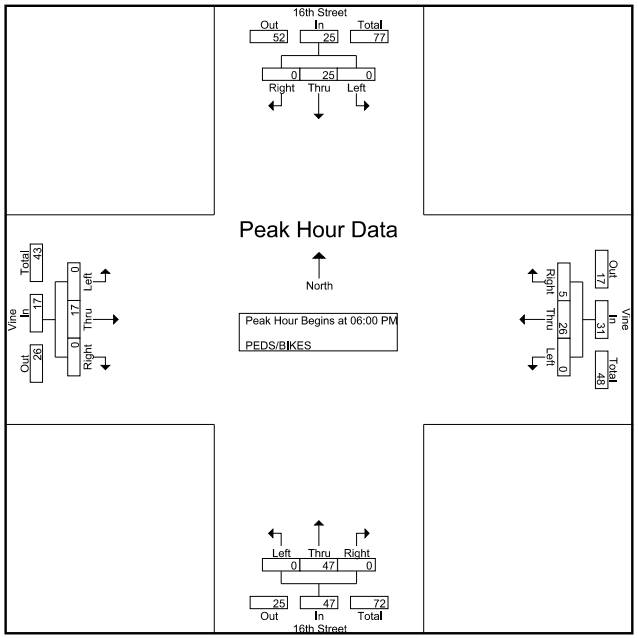


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

16th Street & Vine Street Westbound

File Name : 2013-06-08 PM 16th_Vine west
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Vine Eastbound				Vine Westbound				16th Street Northbound				16th Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	6	0	6	0	4	0	4	0	**20**	0	**20**	0	**8**	0	**8**	38
06:15 PM	0	0	0	0	0	5	0	5	0	12	0	12	0	7	0	7	24
06:30 PM	0	4	0	4	0	3	**3**	6	0	2	0	2	0	2	0	2	14
06:45 PM	0	**7**	0	**7**	0	**14**	2	**16**	0	13	0	13	0	8	0	8	**44**
Total Volume	0	17	0	17	0	26	5	31	0	47	0	47	0	25	0	25	120
% App. Total	0	100	0		0	83.9	16.1		0	100	0		0	100	0		
PHF	.000	.607	.000	.607	.000	.464	.417	.484	.000	.588	.000	.588	.000	.781	.000	.781	.682



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Eastbound

Counter: 16
Counted by: N. Jones
Weather: Sunny
Saved as: 2013-06-08 PM BS_Vine EB

File Name : 2013-06-08 PM BS_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

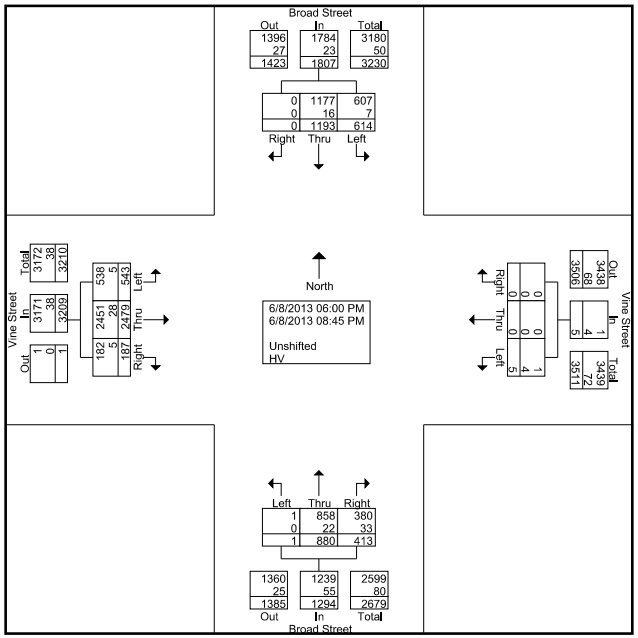
Groups Printed- Unshifted - HV

	Vine Street Eastbound					Vine Street Westbound					Broad Street Northbound					Broad Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Indu. Total	Int. Total
06:00 PM	40	227	14	0	281	0	0	0	0	0	0	81	31	0	112	49	81	0	0	130	0	523	523
06:15 PM	43	234	25	1	302	2	0	0	0	2	0	76	39	0	115	64	115	0	0	179	1	598	599
06:30 PM	44	247	18	0	309	0	0	0	0	0	1	67	37	0	105	52	138	0	0	190	0	604	604
06:45 PM	55	196	18	0	269	0	0	0	0	0	0	100	31	0	131	47	111	0	0	158	0	558	558
Total	182	904	75	1	1161	2	0	0	0	2	1	324	138	0	463	212	445	0	0	657	1	2283	2284
07:00 PM	55	201	25	0	281	2	0	0	0	2	0	56	40	0	96	58	120	0	0	178	0	557	557
07:15 PM	37	204	15	0	256	0	0	0	0	0	0	71	33	0	104	62	100	0	0	162	0	522	522
07:30 PM	55	217	9	0	281	0	0	0	0	0	0	70	31	0	101	46	117	0	0	163	0	545	545
07:45 PM	46	251	15	0	312	0	0	0	0	0	0	71	39	0	110	50	102	0	0	152	0	574	574
Total	193	873	64	0	1130	2	0	0	0	2	0	268	143	0	411	216	439	0	0	655	0	2198	2198
08:00 PM	31	199	14	0	244	1	0	0	0	1	0	85	29	0	114	48	72	0	0	120	0	479	479
08:15 PM	50	179	22	1	251	0	0	0	0	0	0	59	29	0	88	50	61	0	0	111	1	450	451
08:30 PM	37	176	8	0	221	0	0	0	0	0	0	80	37	0	117	42	82	0	0	124	0	462	462
08:45 PM	50	148	4	0	202	0	0	0	0	0	0	64	37	0	101	46	94	0	0	140	0	443	443
Total	168	702	48	1	918	1	0	0	0	1	0	288	132	0	420	186	309	0	0	495	1	1834	1835
Grand Total	543	2479	187	2	3209	5	0	0	0	5	1	880	413	0	1294	614	1193	0	0	1807	2	6315	6317
Apprch %	16.9	77.3	5.8			100	0	0			0.1	68	31.9			34	66	0					
Total %	8.6	39.3	3		50.8	0.1	0	0		0.1	0	13.9	6.5		20.5	9.7	18.9	0		28.6	0	100	
Unshifted	538	2451	182		3173	1	0	0		1	1	858	380		1239	607	1177	0		1784	0	0	6197
% Unshifted	99.1	98.9	97.3	100	98.8	20	0	0	0	20	100	97.5	92	0	95.7	98.9	98.7	0	0	98.7	0	0	98.1
HV	5	28	5		38	4	0	0		4	0	22	33		55	7	16	0		23	0	0	120
% HV	0.9	1.1	2.7	0	1.2	80	0	0	0	80	0	2.5	8	0	4.3	1.1	1.3	0	0	1.3	0	0	1.9

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Eastbound

File Name : 2013-06-08 PM BS_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

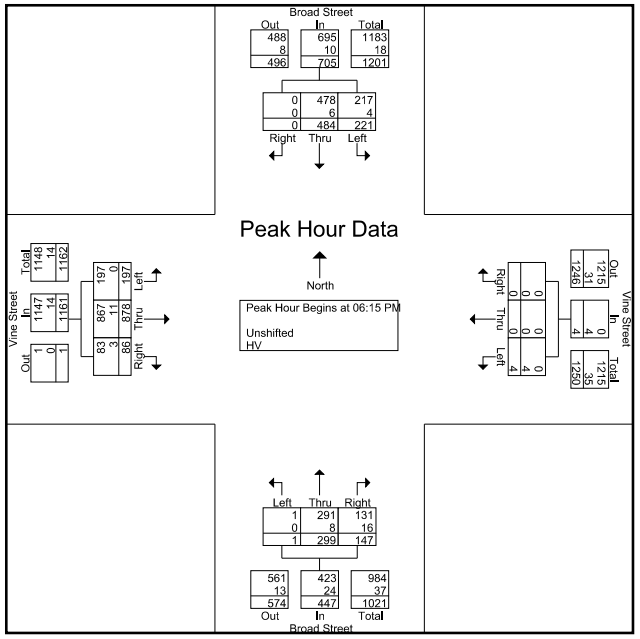


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Eastbound

File Name : 2013-06-08 PM BS_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Vine Street Eastbound				Vine Street Westbound				Broad Street Northbound				Broad Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:15 PM																	
06:15 PM	43	234	**25**	302	**2**	0	0	**2**	0	76	39	115	**64**	115	0	179	598
06:30 PM	44	**247**	18	**309**	0	0	0	0	**1**	67	37	105	52	**138**	0	**190**	**604**
06:45 PM	**55**	196	18	269	0	0	0	0	0	**100**	31	**131**	47	111	0	158	558
07:00 PM	55	201	25	281	2	0	0	2	0	56	**40**	96	58	120	0	178	557
Total Volume	197	878	86	1161	4	0	0	4	1	299	147	447	221	484	0	705	2317
% App. Total	17	75.6	7.4		100	0	0		0.2	66.9	32.9		31.3	68.7	0		
PHF	.895	.889	.860	.939	.500	.000	.000	.500	.250	.748	.919	.853	.863	.877	.000	.928	.959
Unshifted	197	867	83	1147	0	0	0	0	1	291	131	423	217	478	0	695	2265
% Unshifted	100	98.7	96.5	98.8	0	0	0	0	100	97.3	89.1	94.6	98.2	98.8	0	98.6	97.8
HV	0	11	3	14	4	0	0	4	0	8	16	24	4	6	0	10	52
% HV	0	1.3	3.5	1.2	100	0	0	100	0	2.7	10.9	5.4	1.8	1.2	0	1.4	2.2



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

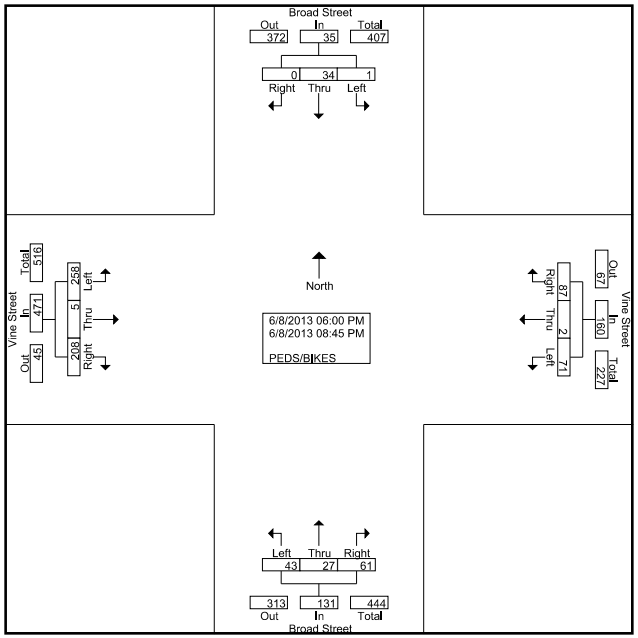
Broad Street & Vine Street Eastbound

Counter: 16
Counted by: N. Jones
Weather: Sunny
Saved as: 2013-06-08 PM BS_Vine EB

File Name : 2013-06-08 PM BS_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Vine Street Eastbound					Vine Street Westbound					Broad Street Northbound					Broad Street Southbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Excls. Total	Incls. Total	Int. Total
06:00 PM	14	1	18	0	33	7	1	9	0	17	9	3	9	0	21	0	2	0	0	2	0	73	73
06:15 PM	18	0	11	0	29	0	0	8	0	8	2	1	5	0	8	0	3	0	0	3	0	48	48
06:30 PM	12	1	33	0	46	9	0	10	0	19	7	1	1	0	9	0	4	0	0	4	0	78	78
06:45 PM	17	1	39	0	57	3	0	10	0	13	1	2	11	0	14	0	1	0	0	1	0	85	85
Total	61	3	101	0	165	19	1	37	0	57	19	7	26	0	52	0	10	0	0	10	0	284	284
07:00 PM	24	1	26	0	51	7	1	5	0	13	2	2	2	0	6	0	2	0	0	2	0	72	72
07:15 PM	34	0	12	0	46	5	0	7	0	12	5	5	1	0	11	0	4	0	0	4	0	73	73
07:30 PM	53	0	17	0	70	7	0	9	0	16	3	5	4	0	12	0	8	0	0	8	0	106	106
07:45 PM	28	0	17	0	45	14	0	6	0	20	4	3	2	0	9	0	2	0	0	2	0	76	76
Total	139	1	72	0	212	33	1	27	0	61	14	15	9	0	38	0	16	0	0	16	0	327	327
08:00 PM	17	1	7	0	25	7	0	2	0	9	1	2	6	0	9	1	1	0	0	2	0	45	45
08:15 PM	14	0	10	0	24	4	0	8	0	12	2	1	2	0	5	0	2	0	0	2	0	43	43
08:30 PM	17	0	11	0	28	7	0	8	0	15	1	2	4	0	7	0	3	0	0	3	0	53	53
08:45 PM	10	0	7	0	17	1	0	5	0	6	6	0	14	0	20	0	2	0	0	2	0	45	45
Total	58	1	35	0	94	19	0	23	0	42	10	5	26	0	41	1	8	0	0	9	0	186	186
Grand Total	258	5	208	0	471	71	2	87	0	160	43	27	61	0	131	1	34	0	0	35	0	797	797
Apprch %	54.8	1.1	44.2			44.4	1.2	54.4			32.8	20.6	46.6			2.9	97.1	0					
Total %	32.4	0.6	26.1		59.1	8.9	0.3	10.9		20.1	5.4	3.4	7.7		16.4	0.1	4.3	0		4.4	0	100	

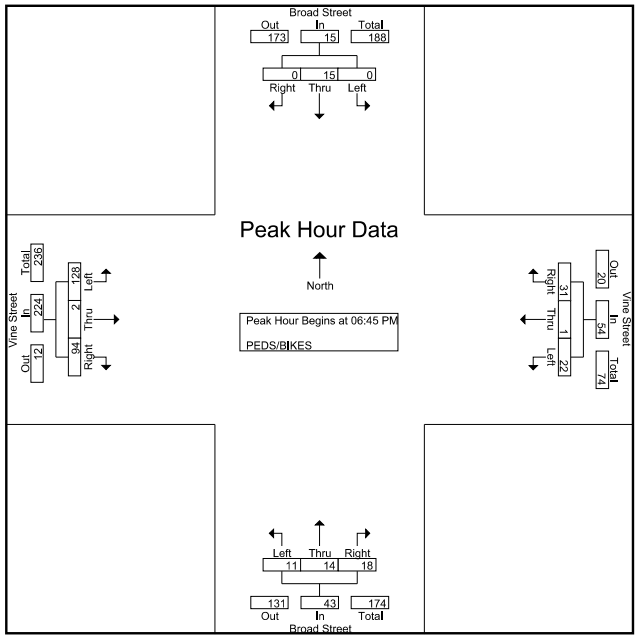


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Eastbound

File Name : 2013-06-08 PM BS_Vine EB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Vine Street Eastbound				Vine Street Westbound				Broad Street Northbound				Broad Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:45 PM																	
06:45 PM	17	**1**	**39**	57	3	0	**10**	13	1	2	**11**	**14**	0	1	0	1	85
07:00 PM	24	1	26	51	**7**	**1**	5	13	2	2	2	6	0	2	0	2	72
07:15 PM	34	0	12	46	5	0	7	12	**5**	**5**	1	11	0	4	0	4	73
07:30 PM	**53**	0	17	**70**	7	0	9	**16**	3	5	4	12	0	**8**	0	**8**	**106**
Total Volume	128	2	94	224	22	1	31	54	11	14	18	43	0	15	0	15	336
% App. Total	57.1	0.9	42		40.7	1.9	57.4		25.6	32.6	41.9		0	100	0		
PHF	.604	.500	.603	.800	.786	.250	.775	.844	.550	.700	.409	.768	.000	.469	.000	.469	.792



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Westbound

Counter: D4- 5388
Counted by: M. Bressler
Weather: 2013-06-08 PM BS_VS WB
Saved as:

File Name : 2013-06-08 PM BS_VS WB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

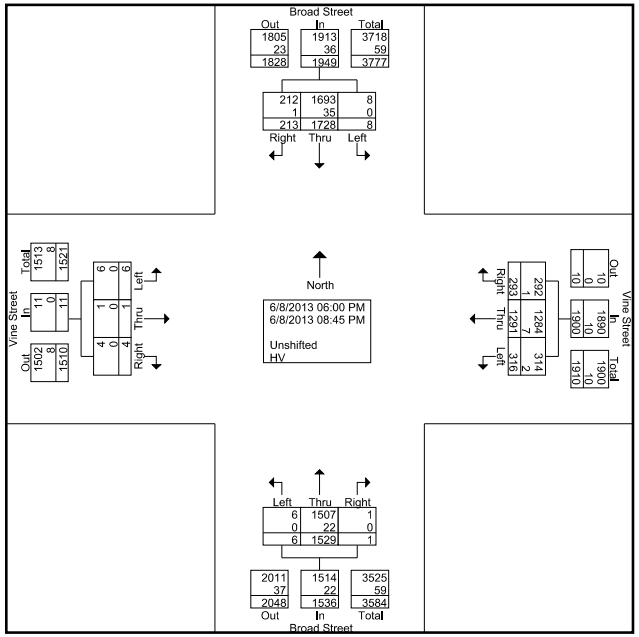
Groups Printed- Unshifted - HV

	Vine Street Eastbound					Vine Street Westbound					Broad Street Northbound					Broad Street Southbound							
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Exclu. Total	Inclu. Total	Int. Total
06:00 PM	0	1	0	0	1	23	100	25	0	148	0	120	0	0	120	0	141	21	1	162	1	431	432
06:15 PM	2	0	0	0	2	40	185	27	0	252	0	131	0	0	131	0	154	21	1	175	1	560	561
06:30 PM	0	0	4	0	4	33	143	34	0	210	0	127	0	0	127	2	167	19	0	188	0	529	529
06:45 PM	3	0	0	0	3	33	149	27	0	209	1	150	0	0	151	1	141	9	0	151	0	514	514
Total	5	1	4	0	10	129	577	113	0	819	1	528	0	0	529	3	603	70	2	676	2	2034	2036
07:00 PM	1	0	0	0	1	36	91	26	1	153	0	119	1	0	120	2	145	9	1	156	2	430	432
07:15 PM	0	0	0	0	0	21	84	23	0	128	0	118	0	0	118	0	153	20	1	173	1	419	420
07:30 PM	0	0	0	0	0	31	107	18	0	156	0	133	0	0	133	1	165	15	0	181	0	470	470
07:45 PM	0	0	0	0	0	27	78	20	0	125	0	120	0	0	120	0	152	26	0	178	0	423	423
Total	1	0	0	0	1	115	360	87	1	562	0	490	1	0	491	3	615	70	2	688	3	1742	1745
08:00 PM	0	0	0	0	0	28	81	16	0	125	2	129	0	0	131	0	129	18	1	147	1	403	404
08:15 PM	0	0	0	0	0	16	82	23	0	121	1	140	0	0	141	0	117	22	0	139	0	401	401
08:30 PM	0	0	0	0	0	17	101	25	0	143	0	124	0	0	124	1	126	13	0	140	0	407	407
08:45 PM	0	0	0	0	0	11	90	29	0	130	2	118	0	0	120	1	138	20	0	159	0	409	409
Total	0	0	0	0	0	72	354	93	0	519	5	511	0	0	516	2	510	73	1	585	1	1620	1621
Grand Total	6	1	4	0	11	316	1291	293	1	1900	6	1529	1	0	1536	8	1728	213	5	1949	6	5396	5402
Apprch %	54.5	9.1	36.4			16.6	67.9	15.4			0.4	99.5	0.1			0.4	88.7	10.9					
Total %	0.1	0	0.1		0.2	5.9	23.9	5.4		35.2	0.1	28.3	0		28.5	0.1	32	3.9		36.1	0.1	99.9	
Unshifted	6	1	4		11	314	1284	292		1891	6	1507	1		1514	8	1693	212		1918	0	0	5334
% Unshifted	100	100	100	0	100	99.4	99.5	99.7	100	99.5	100	98.6	100	0	98.6	100	98	99.5	100	98.2	0	0	98.7
HV	0	0	0		0	2	7	1		10	0	22	0		22	0	35	1		36	0	0	68
% HV	0	0	0	0	0	0.6	0.5	0.3	0	0.5	0	1.4	0	0	1.4	0	2	0.5	0	1.8	0	0	1.3

Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Westbound

File Name : 2013-06-08 PM BS_VS WB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

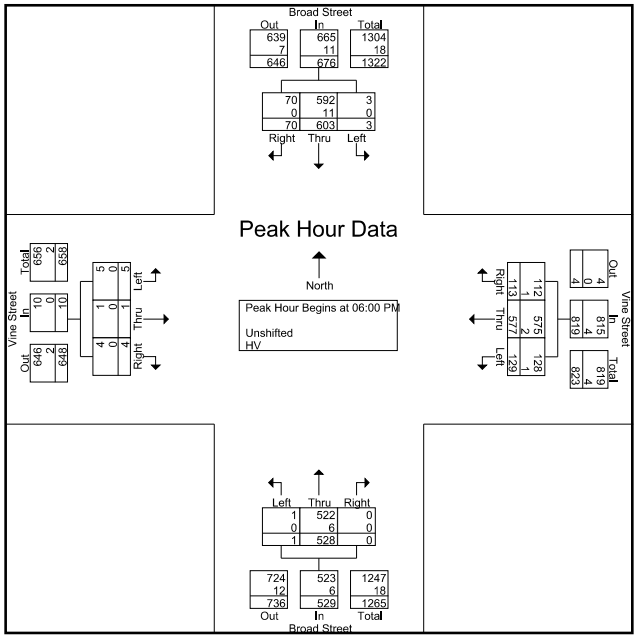


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Westbound

File Name : 2013-06-08 PM BS_VS WB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 3

	Vine Street Eastbound				Vine Street Westbound				Broad Street Northbound				Broad Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 PM																	
06:00 PM	0	**1**	0	1	23	100	25	148	0	120	0	120	0	141	**21**	162	431
06:15 PM	2	0	0	2	**40**	**185**	27	**252**	0	131	0	131	0	154	21	175	**560**
06:30 PM	0	0	**4**	**4**	33	143	**34**	210	0	127	0	127	**2**	**167**	19	**188**	529
06:45 PM	**3**	0	0	3	33	149	27	209	**1**	**150**	0	**151**	1	141	9	151	514
Total Volume	5	1	4	10	129	577	113	819	1	528	0	529	3	603	70	676	2034
% App. Total	50	10	40		15.8	70.5	13.8		0.2	99.8	0		0.4	89.2	10.4		
PHF	.417	.250	.250	.625	.806	.780	.831	.813	.250	.880	.000	.876	.375	.903	.833	.899	.908
Unshifted	5	1	4	10	128	575	112	815	1	522	0	523	3	592	70	665	2013
% Unshifted	100	100	100	100	99.2	99.7	99.1	99.5	100	98.9	0	98.9	100	98.2	100	98.4	99.0
HV	0	0	0	0	1	2	1	4	0	6	0	6	0	11	0	11	21
% HV	0	0	0	0	0.8	0.3	0.9	0.5	0	1.1	0	1.1	0	1.8	0	1.6	1.0



Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

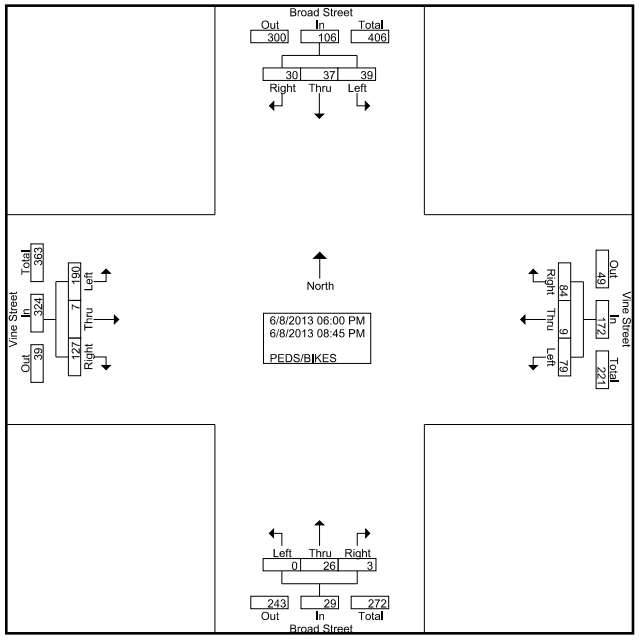
Broad Street & Vine Street Westbound

Counter: D4- 5388
Counted by: M. Bressler
Weather: 2013-06-08 PM BS_VS WB
Saved as:

File Name : 2013-06-08 PM BS_VS WB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 1

Groups Printed- PEDS/BIKES

	Vine Street Eastbound					Vine Street Westbound					Broad Street Northbound					Broad Street Southbound							
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Exclu. Total	Inclu. Total	Int. Total
06:00 PM	19	1	20	0	40	8	0	15	0	23	0	3	1	0	4	8	0	0	0	8	0	75	75
06:15 PM	17	0	8	0	25	2	2	8	0	12	0	1	1	0	2	4	5	2	0	11	0	50	50
06:30 PM	5	0	12	0	17	8	1	1	0	10	0	3	0	0	3	0	3	8	0	11	0	41	41
06:45 PM	11	0	10	0	21	6	1	1	0	8	0	2	1	0	3	1	2	1	0	4	0	36	36
Total	52	1	50	0	103	24	4	25	0	53	0	9	3	0	12	13	10	11	0	34	0	202	202
07:00 PM	17	0	9	0	26	5	1	9	0	15	0	0	0	0	0	1	1	1	0	3	0	44	44
07:15 PM	18	0	5	0	23	4	0	4	0	8	0	4	0	0	4	5	4	6	0	15	0	50	50
07:30 PM	25	5	19	0	49	5	1	15	0	21	0	4	0	0	4	5	7	9	0	21	0	95	95
07:45 PM	25	1	13	0	39	16	1	6	0	23	0	4	0	0	4	1	4	0	0	5	0	71	71
Total	85	6	46	0	137	30	3	34	0	67	0	12	0	0	12	12	16	16	0	44	0	260	260
08:00 PM	22	0	7	0	29	10	1	2	0	13	0	1	0	0	1	5	1	1	0	7	0	50	50
08:15 PM	16	0	8	0	24	10	1	6	0	17	0	2	0	0	2	4	4	1	0	9	0	52	52
08:30 PM	12	0	12	0	24	1	0	7	0	8	0	1	0	0	1	4	2	1	0	7	0	40	40
08:45 PM	3	0	4	0	7	4	0	10	0	14	0	1	0	0	1	1	4	0	0	5	0	27	27
Total	53	0	31	0	84	25	2	25	0	52	0	5	0	0	5	14	11	3	0	28	0	169	169
Grand Total	190	7	127	0	324	79	9	84	0	172	0	26	3	0	29	39	37	30	0	106	0	631	631
Apprch %	58.6	2.2	39.2			45.9	5.2	48.8			0	89.7	10.3			36.8	34.9	28.3					
Total %	30.1	1.1	20.1		51.3	12.5	1.4	13.3		27.3	0	4.1	0.5		4.6	6.2	5.9	4.8		16.8	0	100	

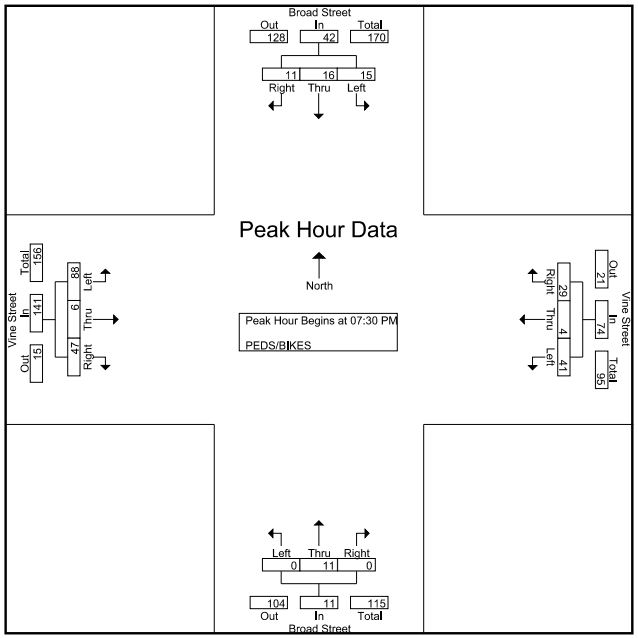


Traiffic Planning & Desgin
2500 E. High Street
Pottstown, PA 19464

Broad Street & Vine Street Westbound

File Name : 2013-06-08 PM BS_VS WB
Site Code : 00000000
Start Date : 6/8/2013
Page No : 2

	Vine Street Eastbound				Vine Street Westbound				Broad Street Northbound				Broad Street Southbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 PM																	
07:30 PM	**25**	**5**	**19**	**49**	5	**1**	**15**	21	0	**4**	0	**4**	**5**	**7**	**9**	**21**	**95**
07:45 PM	25	1	13	39	**16**	1	6	**23**	0	4	0	4	1	4	0	5	71
08:00 PM	22	0	7	29	10	1	2	13	0	1	0	1	5	1	1	7	50
08:15 PM	16	0	8	24	10	1	6	17	0	2	0	2	4	4	1	9	52
Total Volume	88	6	47	141	41	4	29	74	0	11	0	11	15	16	11	42	268
% App. Total	62.4	4.3	33.3		55.4	5.4	39.2		0	100	0		35.7	38.1	26.2		
PHF	.880	.300	.618	.719	.641	1.00	.483	.804	.000	.688	.000	.688	.750	.571	.306	.500	.705



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/Broad St
Date: Saturday, June 15th, 2013
Counter: MIO 116182

File Name : FM0615 1
Site Code : 01
Start Date : 6/15/2013
Page No : 1

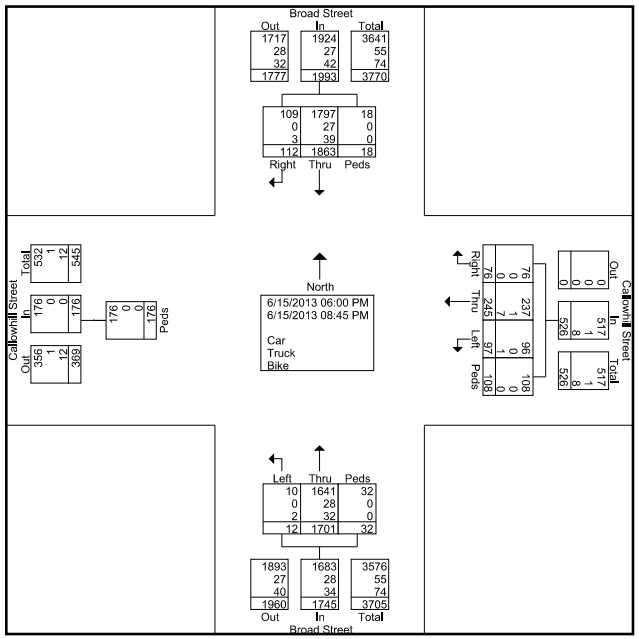
Groups Printed- Car - Truck - Bike

	Broad Street Southbound				Callowhill Street Westbound					Broad Street Northbound				Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0		1.0		
06:00 PM	11	171	1	183	10	26	11	3	50	157	0	1	158	18	18	409
06:15 PM	4	166	0	170	5	29	10	12	56	159	0	6	165	18	18	409
06:30 PM	12	171	1	184	7	13	16	21	57	148	3	3	154	13	13	408
06:45 PM	10	153	0	163	6	28	9	8	51	138	1	2	141	12	12	367
Total	37	661	2	700	28	96	46	44	214	602	4	12	618	61	61	1593
07:00 PM	15	166	1	182	3	20	8	7	38	125	2	2	129	12	12	361
07:15 PM	8	168	4	180	3	16	4	8	31	141	1	0	142	17	17	370
07:30 PM	16	168	0	184	7	20	6	7	40	146	1	4	151	9	9	384
07:45 PM	4	154	1	159	3	18	3	9	33	160	1	0	161	9	9	362
Total	43	656	6	705	16	74	21	31	142	572	5	6	583	47	47	1477
08:00 PM	8	152	4	164	9	21	11	8	49	138	1	3	142	23	23	378
08:15 PM	10	126	1	137	5	15	9	13	42	133	1	6	140	19	19	338
08:30 PM	7	142	2	151	7	20	7	4	38	130	1	1	132	5	5	326
08:45 PM	7	126	3	136	11	19	3	8	41	126	0	4	130	21	21	328
Total	32	546	10	588	32	75	30	33	170	527	3	14	544	68	68	1370
Grand Total	112	1863	18	1993	76	245	97	108	526	1701	12	32	1745	176	176	4440
Apprch %	5.6	93.5	0.9		14.4	46.6	18.4	20.5		97.5	0.7	1.8		100		
Total %	2.5	42	0.4	44.9	1.7	5.5	2.2	2.4	11.8	38.3	0.3	0.7	39.3	4	4	
Car	109	1797	18	1924	76	237	96	108	517	1641	10	32	1683	176	176	4300
% Car	97.3	96.5	100	96.5	100	96.7	99	100	98.3	96.5	83.3	100	96.4	100	100	96.8
Truck	0	27	0	27	0	1	0	0	1	28	0	0	28	0	0	56
% Truck	0	1.4	0	1.4	0	0.4	0	0	0.2	1.6	0	0	1.6	0	0	1.3
Bike	3	39	0	42	0	7	1	0	8	32	2	0	34	0	0	84
% Bike	2.7	2.1	0	2.1	0	2.9	1	0	1.5	1.9	16.7	0	1.9	0	0	1.9

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/Broad St
Date: Saturday, June 15th, 2013
Counter: MIO 116182

File Name : FM0615 1
Site Code : 01
Start Date : 6/15/2013
Page No : 2

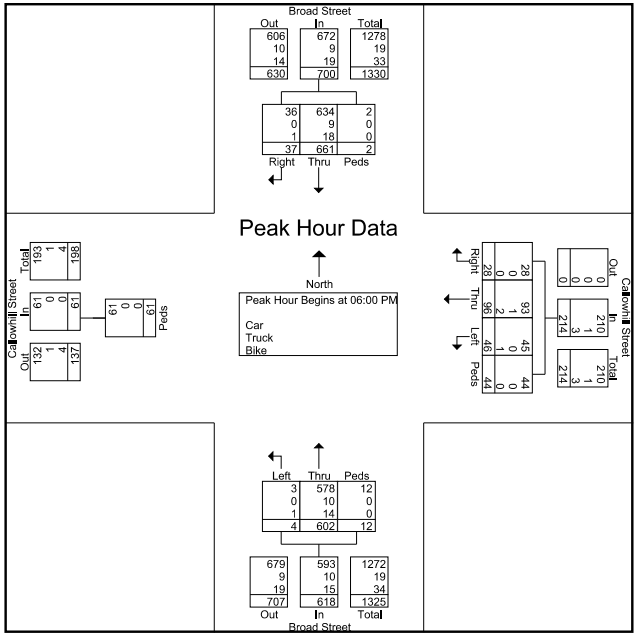


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/Broad St
Date: Saturday, June 15th, 2013
Counter: MIO 116182

File Name : FM0615 1
Site Code : 01
Start Date : 6/15/2013
Page No : 3

	Broad Street Southbound				Callowhill Street Westbound					Broad Street Northbound				Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 06:00 PM																
06:00 PM	11	**171**	**1**	183	**10**	26	11	3	50	157	0	1	158	**18**	**18**	**409**
06:15 PM	4	166	0	170	5	**29**	10	12	56	**159**	0	**6**	**165**	18	18	409
06:30 PM	**12**	171	1	**184**	7	13	**16**	**21**	**57**	148	**3**	3	154	13	13	408
06:45 PM	10	153	0	163	6	28	9	8	51	138	1	2	141	12	12	367
Total Volume	37	661	2	700	28	96	46	44	214	602	4	12	618	61	61	1593
% App. Total	5.3	94.4	0.3		13.1	44.9	21.5	20.6		97.4	0.6	1.9		100		
PHF	.771	.966	.500	.951	.700	.828	.719	.524	.939	.947	.333	.500	.936	.847	.847	.974
Car	36	634	2	672	28	93	45	44	210	578	3	12	593	61	61	1536
% Car	97.3	95.9	100	96.0	100	96.9	97.8	100	98.1	96.0	75.0	100	96.0	100	100	96.4
Truck	0	9	0	9	0	1	0	0	1	10	0	0	10	0	0	20
% Truck	0	1.4	0	1.3	0	1.0	0	0	0.5	1.7	0	0	1.6	0	0	1.3
Bike	1	18	0	19	0	2	1	0	3	14	1	0	15	0	0	37
% Bike	2.7	2.7	0	2.7	0	2.1	2.2	0	1.4	2.3	25.0	0	2.4	0	0	2.3



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Saturday, June 15, 2013
Counter: MIO 116185

File Name : FM0615 2
Site Code : 02
Start Date : 6/15/2013
Page No : 1

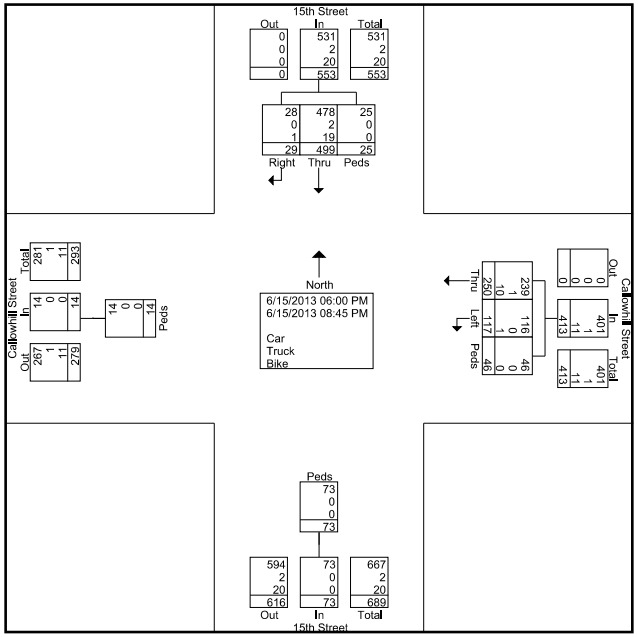
Groups Printed- Car - Truck - Bike

	15th Street Southbound				Callowhill Street Westbound				15th Street Northbound		Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0		1.0		
06:00 PM	2	45	1	48	25	12	5	42	4	4	1	1	95
06:15 PM	1	45	3	49	24	8	3	35	10	10	3	3	97
06:30 PM	0	54	2	56	15	16	3	34	8	8	0	0	98
06:45 PM	5	55	3	63	28	10	5	43	2	2	0	0	108
Total	8	199	9	216	92	46	16	154	24	24	4	4	398
07:00 PM	7	40	4	51	24	13	3	40	6	6	0	0	97
07:15 PM	3	32	4	39	18	6	5	29	5	5	3	3	76
07:30 PM	0	42	0	42	21	18	3	42	4	4	0	0	88
07:45 PM	2	31	0	33	20	4	2	26	5	5	2	2	66
Total	12	145	8	165	83	41	13	137	20	20	5	5	327
08:00 PM	3	39	4	46	19	7	9	35	13	13	3	3	97
08:15 PM	3	29	1	33	20	7	1	28	11	11	0	0	72
08:30 PM	3	49	2	54	19	7	3	29	0	0	0	0	83
08:45 PM	0	38	1	39	17	9	4	30	5	5	2	2	76
Total	9	155	8	172	75	30	17	122	29	29	5	5	328
Grand Total	29	499	25	553	250	117	46	413	73	73	14	14	1053
Apprch %	5.2	90.2	4.5		60.5	28.3	11.1		100		100		
Total %	2.8	47.4	2.4	52.5	23.7	11.1	4.4	39.2	6.9	6.9	1.3	1.3	
Car	28	478	25	531	239	116	46	401	73	73	14	14	1019
% Car	96.6	95.8	100	96	95.6	99.1	100	97.1	100	100	100	100	96.8
Truck	0	2	0	2	1	0	0	1	0	0	0	0	3
% Truck	0	0.4	0	0.4	0.4	0	0	0.2	0	0	0	0	0.3
Bike	1	19	0	20	10	1	0	11	0	0	0	0	31
% Bike	3.4	3.8	0	3.6	4	0.9	0	2.7	0	0	0	0	2.9

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Saturday, June 15, 2013
Counter: MIO 116185

File Name : FM0615 2
Site Code : 02
Start Date : 6/15/2013
Page No : 2

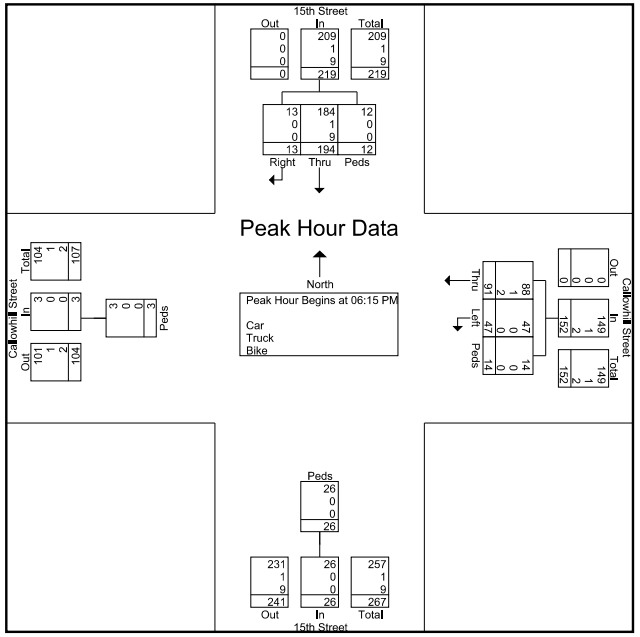


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill St/15th St
Date: Saturday, June 15, 2013
Counter: MIO 116185

File Name : FM0615 2
Site Code : 02
Start Date : 6/15/2013
Page No : 3

	15th Street Southbound				Callowhill Street Westbound				15th Street Northbound		Callowhill Street Eastbound		
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 06:15 PM													
06:15 PM	1	45	3	49	24	8	3	35	**10**	**10**	**3**	**3**	97
06:30 PM	0	54	2	56	15	**16**	3	34	8	8	0	0	98
06:45 PM	5	**55**	3	**63**	**28**	10	**5**	**43**	2	2	0	0	**108**
07:00 PM	**7**	40	**4**	51	24	13	3	40	6	6	0	0	97
Total Volume	13	194	12	219	91	47	14	152	26	26	3	3	400
% App. Total	5.9	88.6	5.5		59.9	30.9	9.2		100		100		
PHF	.464	.882	.750	.869	.813	.734	.700	.884	.650	.650	.250	.250	.926
Car	13	184	12	209	88	47	14	149	26	26	3	3	387
% Car	100	94.8	100	95.4	96.7	100	100	98.0	100	100	100	100	96.8
Truck	0	1	0	1	1	0	0	1	0	0	0	0	2
% Truck	0	0.5	0	0.5	1.1	0	0	0.7	0	0	0	0	0.5
Bike	0	9	0	9	2	0	0	2	0	0	0	0	11
% Bike	0	4.6	0	4.1	2.2	0	0	1.3	0	0	0	0	2.8



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: 17th St/Callowhill St
Date: Saturday, June 15, 2013
Counter: JV

File Name : FM0615 3
Site Code : 00000000
Start Date : 6/15/2013
Page No : 1

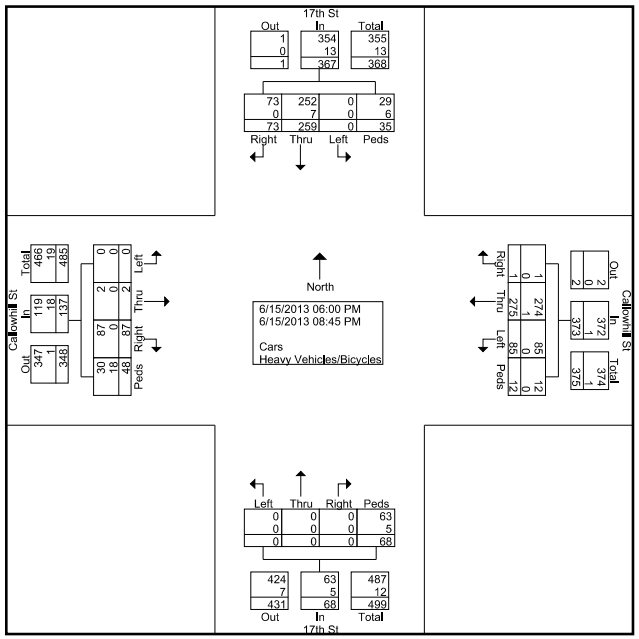
Groups Printed- Cars - Heavy Vehicles/Bicycles

	17th St Southbound					Callowhill St Westbound					17th St Northbound					Callowhill St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	4	28	0	3	35	0	29	13	2	44	0	0	0	11	11	3	0	0	3	6	96
06:15 PM	6	20	0	3	29	0	32	10	0	42	0	0	0	6	6	9	2	0	1	12	89
06:30 PM	6	19	0	3	28	1	20	4	2	27	0	0	0	5	5	7	0	0	2	9	69
06:45 PM	7	23	0	7	37	0	30	6	1	37	0	0	0	3	3	10	0	0	3	13	90
Total	23	90	0	16	129	1	111	33	5	150	0	0	0	25	25	29	2	0	9	40	344
07:00 PM	10	21	0	0	31	0	21	15	1	37	0	0	0	3	3	10	0	0	2	12	83
07:15 PM	9	24	0	2	35	0	23	5	0	28	0	0	0	3	3	6	0	0	5	11	77
07:30 PM	6	21	0	0	27	0	12	3	0	15	0	0	0	6	6	4	0	0	3	7	55
07:45 PM	9	25	0	4	38	0	25	9	3	37	0	0	0	7	7	5	0	0	10	15	97
Total	34	91	0	6	131	0	81	32	4	117	0	0	0	19	19	25	0	0	20	45	312
08:00 PM	5	19	0	7	31	0	21	7	2	30	0	0	0	8	8	9	0	0	1	10	79
08:15 PM	4	25	0	4	33	0	26	4	0	30	0	0	0	13	13	11	0	0	12	23	99
08:30 PM	2	21	0	1	24	0	18	5	1	24	0	0	0	2	2	7	0	0	5	12	62
08:45 PM	5	13	0	1	19	0	18	4	0	22	0	0	0	1	1	6	0	0	1	7	49
Total	16	78	0	13	107	0	83	20	3	106	0	0	0	24	24	33	0	0	19	52	289
Grand Total	73	259	0	35	367	1	275	85	12	373	0	0	0	68	68	87	2	0	48	137	945
Apprch %	19.9	70.6	0	9.5		0.3	73.7	22.8	3.2		0	0	0	100		63.5	1.5	0	35		
Total %	7.7	27.4	0	3.7	38.8	0.1	29.1	9	1.3	39.5	0	0	0	7.2	7.2	9.2	0.2	0	5.1	14.5	
Cars	73	252	0	29	354	1	274	85	12	372	0	0	0	63	63	87	2	0	30	119	908
% Cars	100	97.3	0	82.9	96.5	100	99.6	100	100	99.7	0	0	0	92.6	92.6	100	100	0	62.5	86.9	96.1
Heavy Vehicles/Bicycles	0	7	0	6	13	0	1	0	0	1	0	0	0	5	5	0	0	0	18	18	37
% Heavy Vehicles/Bicycles	0	2.7	0	17.1	3.5	0	0.4	0	0	0.3	0	0	0	7.4	7.4	0	0	0	37.5	13.1	3.9

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: 17th St/Callowhill St
Date: Saturday, June 15, 2013
Counter: JV

File Name : FM0615 3
Site Code : 00000000
Start Date : 6/15/2013
Page No : 2

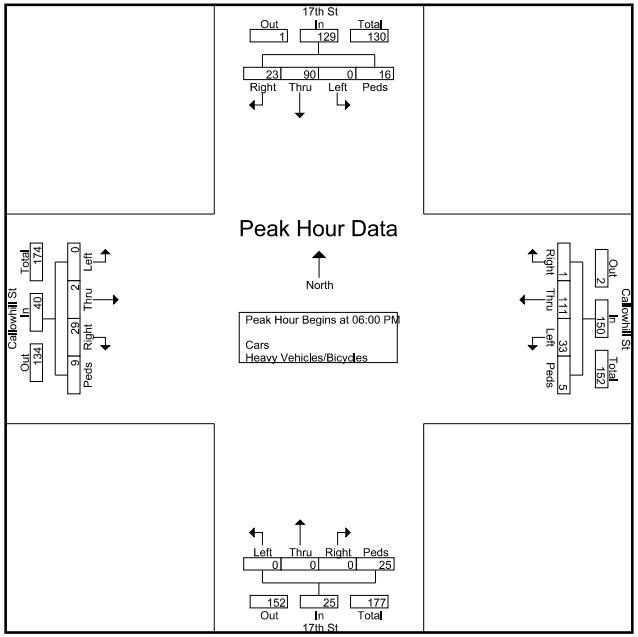


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: 17th St/Callowhill St
Date: Saturday, June 15, 2013
Counter: JV

File Name : FM0615 3
Site Code : 00000000
Start Date : 6/15/2013
Page No : 3

	17th St Southbound					Callowhill St Westbound					17th St Northbound					Callowhill St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	4	**28**	0	3	35	0	29	**13**	**2**	**44**	0	0	0	**11**	**11**	3	0	0	**3**	6	**96**
06:15 PM	6	20	0	3	29	0	**32**	10	0	42	0	0	0	6	6	9	**2**	0	1	12	89
06:30 PM	6	19	0	3	28	**1**	20	4	2	27	0	0	0	5	5	7	0	0	2	9	69
06:45 PM	**7**	23	0	**7**	**37**	0	30	6	1	37	0	0	0	3	3	**10**	0	0	3	**13**	90
Total Volume	23	90	0	16	129	1	111	33	5	150	0	0	0	25	25	29	2	0	9	40	344
% App. Total	17.8	69.8	0	12.4		0.7	74	22	3.3		0	0	0	100		72.5	5	0	22.5		
PHF	.821	.804	.000	.571	.872	.250	.867	.635	.625	.852	.000	.000	.000	.568	.568	.725	.250	.000	.750	.769	.896



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill/Franklin Town
Date: Saturday, June 15th, 2013
Counter: MIO 116187

File Name : FM0615 4
Site Code : 04
Start Date : 6/15/2013
Page No : 1

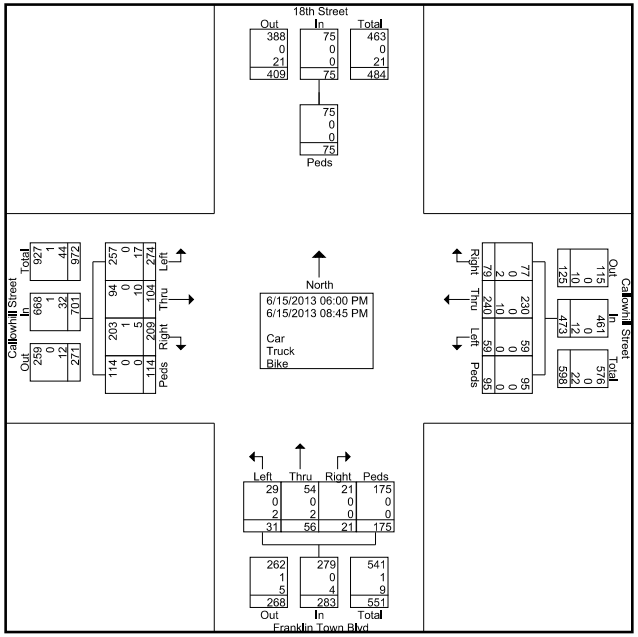
Groups Printed- Car - Truck - Bike

	18th Street Southbound		Callowhill Street Westbound					Franklin Town Blvd Northbound					Callowhill Street Eastbound					
Start Time	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	8	8	3	26	1	11	41	0	9	3	16	28	14	8	23	4	49	126
06:15 PM	5	5	8	26	4	5	43	1	7	1	8	17	15	18	27	7	67	132
06:30 PM	8	8	9	10	3	8	30	1	5	2	7	15	11	5	31	14	61	114
06:45 PM	6	6	7	28	8	5	48	2	5	0	7	14	15	12	23	14	64	132
Total	27	27	27	90	16	29	162	4	26	6	38	74	55	43	104	39	241	504
07:00 PM	5	5	7	23	4	19	53	1	5	5	19	30	25	11	36	11	83	171
07:15 PM	2	2	9	15	8	9	41	4	4	3	11	22	15	6	26	8	55	120
07:30 PM	4	4	5	19	5	8	37	1	5	3	28	37	25	4	21	16	66	144
07:45 PM	13	13	8	21	7	9	45	0	2	4	14	20	19	8	22	4	53	131
Total	24	24	29	78	24	45	176	6	16	15	72	109	84	29	105	39	257	566
08:00 PM	8	8	4	19	6	6	35	4	4	3	18	29	20	7	19	11	57	129
08:15 PM	5	5	3	19	7	3	32	2	3	3	16	24	20	11	21	7	59	120
08:30 PM	1	1	6	20	1	5	32	2	2	1	24	29	13	9	15	10	47	109
08:45 PM	10	10	10	14	5	7	36	3	5	3	7	18	17	5	10	8	40	104
Total	24	24	23	72	19	21	135	11	14	10	65	100	70	32	65	36	203	462
Grand Total	75	75	79	240	59	95	473	21	56	31	175	283	209	104	274	114	701	1532
Apprch %	100		16.7	50.7	12.5	20.1		7.4	19.8	11	61.8		29.8	14.8	39.1	16.3		
Total %	4.9	4.9	5.2	15.7	3.9	6.2	30.9	1.4	3.7	2	11.4	18.5	13.6	6.8	17.9	7.4	45.8	
Car	75	75	77	230	59	95	461	21	54	29	175	279	203	94	257	114	668	1483
% Car	100	100	97.5	95.8	100	100	97.5	100	96.4	93.5	100	98.6	97.1	90.4	93.8	100	95.3	96.8
Truck	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
% Truck	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0.1	0.1
Bike	0	0	2	10	0	0	12	0	2	2	0	4	5	10	17	0	32	48
% Bike	0	0	2.5	4.2	0	0	2.5	0	3.6	6.5	0	1.4	2.4	9.6	6.2	0	4.6	3.1

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill/Franklin Town
Date: Saturday, June 15th, 2013
Counter: MIO 116187

File Name : FM0615 4
Site Code : 04
Start Date : 6/15/2013
Page No : 2

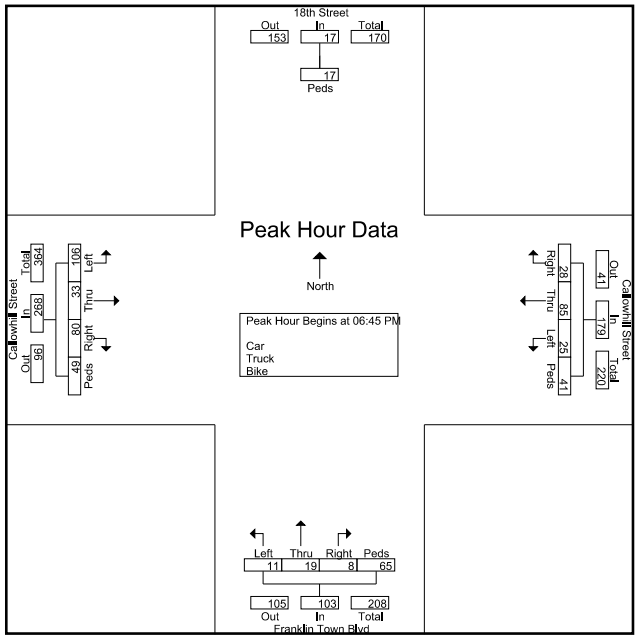


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Callowhill/Franklin Town
Date: Saturday, June 15th, 2013
Counter: MIO 116187

File Name : FM0615 4
Site Code : 04
Start Date : 6/15/2013
Page No : 3

	18th Street Southbound		Callowhill Street Westbound					Franklin Town Blvd Northbound					Callowhill Street Eastbound					
Start Time	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 06:45 PM																		
06:45 PM	**6**	**6**	7	**28**	**8**	5	48	2	**5**	0	7	14	15	**12**	23	14	64	132
07:00 PM	5	5	7	23	4	**19**	**53**	1	5	**5**	19	30	**25**	11	**36**	11	**83**	**171**
07:15 PM	2	2	**9**	15	8	9	41	**4**	4	3	11	22	15	6	26	8	55	120
07:30 PM	4	4	5	19	5	8	37	1	5	3	**28**	**37**	25	4	21	**16**	66	144
Total Volume	17	17	28	85	25	41	179	8	19	11	65	103	80	33	106	49	268	567
% App. Total	100		15.6	47.5	14	22.9		7.8	18.4	10.7	63.1		29.9	12.3	39.6	18.3		
PHF	.708	.708	.778	.759	.781	.539	.844	.500	.950	.550	.580	.696	.800	.688	.736	.766	.807	.829



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/Broad St
Date: Saturday, June 15, 2013
Counter: MIO 116239

File Name : FM0615 5
Site Code :
Start Date : 6/15/2013
Page No : 1

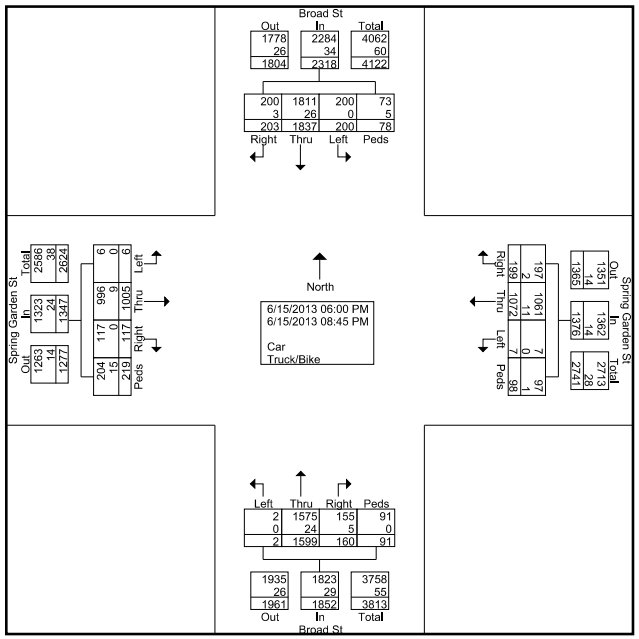
Groups Printed- Car - Truck/Bike

	Broad St Southbound					Spring Garden St Westbound					Broad St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	14	171	20	4	209	15	104	0	10	129	14	149	0	5	168	13	94	0	18	125	631
06:15 PM	16	163	17	2	198	16	76	0	8	100	11	144	0	9	164	12	111	0	24	147	609
06:30 PM	29	168	13	8	218	23	98	0	10	131	6	146	0	3	155	14	79	0	22	115	619
06:45 PM	10	152	19	6	187	16	75	1	10	102	12	127	1	11	151	10	91	5	13	119	559
Total	69	654	69	20	812	70	353	1	38	462	43	566	1	28	638	49	375	5	77	506	2418
07:00 PM	23	162	12	6	203	20	111	1	10	142	15	117	0	9	141	10	85	0	18	113	599
07:15 PM	14	177	22	6	219	18	112	0	13	143	16	126	0	9	151	7	83	0	21	111	624
07:30 PM	21	169	14	6	210	14	87	0	6	107	19	132	0	3	154	9	101	0	17	127	598
07:45 PM	11	144	22	6	183	7	76	4	11	98	17	144	0	8	169	8	72	0	11	91	541
Total	69	652	70	24	815	59	386	5	40	490	67	519	0	29	615	34	341	0	67	442	2362
08:00 PM	18	151	11	6	186	20	71	0	4	95	12	138	1	15	166	12	63	0	24	99	546
08:15 PM	14	116	10	6	146	14	85	0	2	101	12	123	0	8	143	9	83	1	16	109	499
08:30 PM	13	140	24	10	187	14	102	1	5	122	13	118	0	3	134	7	64	0	18	89	532
08:45 PM	20	124	16	12	172	22	75	0	9	106	13	135	0	8	156	6	79	0	17	102	536
Total	65	531	61	34	691	70	333	1	20	424	50	514	1	34	599	34	289	1	75	399	2113
Grand Total	203	1837	200	78	2318	199	1072	7	98	1376	160	1599	2	91	1852	117	1005	6	219	1347	6893
Apprch %	8.8	79.2	8.6	3.4		14.5	77.9	0.5	7.1		8.6	86.3	0.1	4.9		8.7	74.6	0.4	16.3		
Total %	2.9	26.7	2.9	1.1	33.6	2.9	15.6	0.1	1.4	20	2.3	23.2	0	1.3	26.9	1.7	14.6	0.1	3.2	19.5	
Car	200	1811	200	73	2284	197	1061	7	97	1362	155	1575	2	91	1823	117	996	6	204	1323	6792
% Car	98.5	98.6	100	93.6	98.5	99	99	100	99	99	96.9	98.5	100	100	98.4	100	99.1	100	93.2	98.2	98.5
Truck/Bike	3	26	0	5	34	2	11	0	1	14	5	24	0	0	29	0	9	0	15	24	101
% Truck/Bike	1.5	1.4	0	6.4	1.5	1	1	0	1	1	3.1	1.5	0	0	1.6	0	0.9	0	6.8	1.8	1.5

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/Broad St
Date: Saturday, June 15, 2013
Counter: MIO 116239

File Name : FM0615 5
Site Code :
Start Date : 6/15/2013
Page No : 2

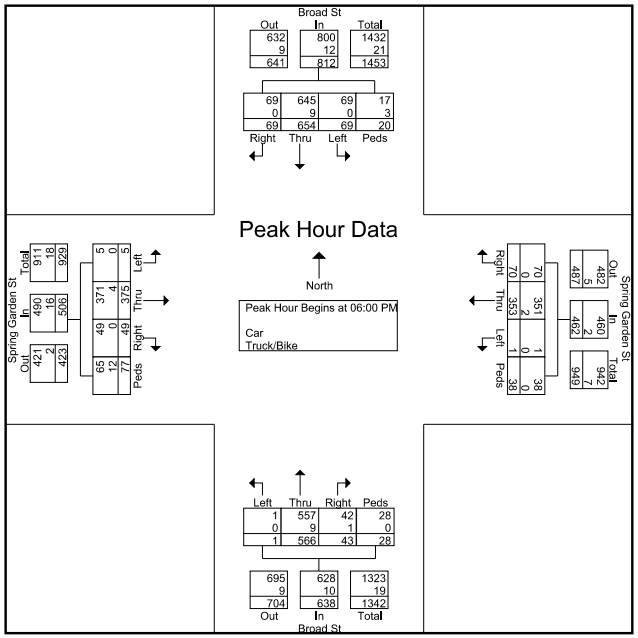


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/Broad St
Date: Saturday, June 15, 2013
Counter: MIO 116239

File Name : FM0615 5
Site Code :
Start Date : 6/15/2013
Page No : 3

	Broad St Southbound					Spring Garden St Westbound					Broad St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	14	**171**	**20**	4	209	15	**104**	0	**10**	129	**14**	**149**	0	5	**168**	13	94	0	18	125	**631**
06:15 PM	16	163	17	2	198	16	76	0	8	100	11	144	0	9	164	12	**111**	0	**24**	**147**	609
06:30 PM	**29**	168	13	**8**	**218**	**23**	98	0	10	**131**	6	146	0	3	155	**14**	79	0	22	115	619
06:45 PM	10	152	19	6	187	16	75	**1**	10	102	12	127	**1**	**11**	151	10	91	**5**	13	119	559
Total Volume	69	654	69	20	812	70	353	1	38	462	43	566	1	28	638	49	375	5	77	506	2418
% App. Total	8.5	80.5	8.5	2.5		15.2	76.4	0.2	8.2		6.7	88.7	0.2	4.4		9.7	74.1	1	15.2		
PHF	.595	.956	.863	.625	.931	.761	.849	.250	.950	.882	.768	.950	.250	.636	.949	.875	.845	.250	.802	.861	.958
Car	69	645	69	17	800	70	351	1	38	460	42	557	1	28	628	49	371	5	65	490	2378
% Car	100	98.6	100	85.0	98.5	100	99.4	100	100	99.6	97.7	98.4	100	100	98.4	100	98.9	100	84.4	96.8	98.3
Truck/Bike	0	9	0	3	12	0	2	0	0	2	1	9	0	0	10	0	4	0	12	16	40
% Truck/Bike																					



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/15th St
Date: Saturday, June 15, 2013
Counter: MIO 116240

File Name : FM0615 6
Site Code :
Start Date : 6/15/2013
Page No : 1

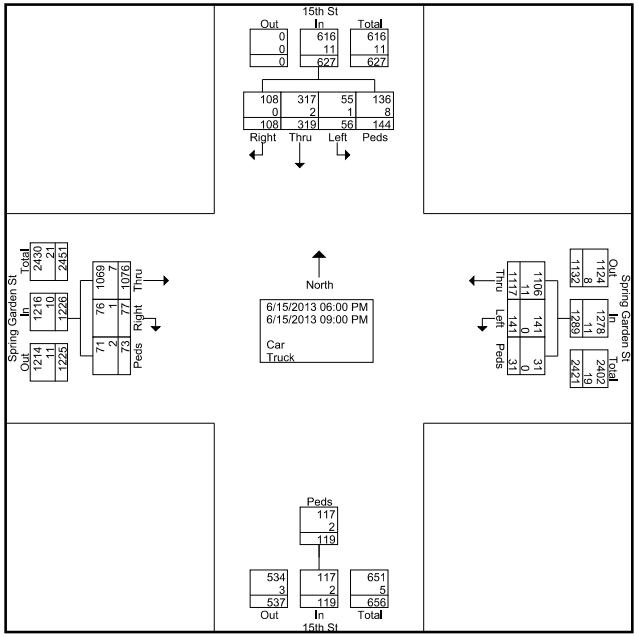
Groups Printed- Car - Truck

	15th St Southbound					Spring Garden St Westbound				15th St Northbound		Spring Garden St Eastbound				
Start Time	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0		1.0		1.0	1.0	1.0		
06:00 PM	8	24	5	12	49	101	14	3	118	10	10	6	105	13	124	301
06:15 PM	10	35	9	17	71	93	6	2	101	14	14	4	114	5	123	309
06:30 PM	18	32	9	10	69	98	16	1	115	8	8	12	89	7	108	300
06:45 PM	6	36	4	11	57	81	15	6	102	4	4	8	106	3	117	280
Total	42	127	27	50	246	373	51	12	436	36	36	30	414	28	472	1190
07:00 PM	7	28	4	8	47	105	8	1	114	15	15	5	87	12	104	280
07:15 PM	6	25	7	17	55	113	13	5	131	14	14	1	85	10	96	296
07:30 PM	7	28	0	7	42	90	12	1	103	9	9	7	110	3	120	274
07:45 PM	12	24	1	18	55	92	4	4	100	7	7	7	78	1	86	248
Total	32	105	12	50	199	400	37	11	448	45	45	20	360	26	406	1098
08:00 PM	12	23	4	9	48	70	12	3	85	9	9	7	73	8	88	230
08:15 PM	6	21	5	18	50	100	9	0	109	9	9	10	86	4	100	268
08:30 PM	5	26	5	10	46	85	13	2	100	11	11	4	68	2	74	231
08:45 PM	10	17	3	7	37	89	19	2	110	9	9	6	75	5	86	242
Total	33	87	17	44	181	344	53	7	404	38	38	27	302	19	348	971
09:00 PM	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	2
Grand Total	108	319	56	144	627	1117	141	31	1289	119	119	77	1076	73	1226	3261
Apprch %	17.2	50.9	8.9	23		86.7	10.9	2.4		100		6.3	87.8	6		
Total %	3.3	9.8	1.7	4.4	19.2	34.3	4.3	1	39.5	3.6	3.6	2.4	33	2.2	37.6	
Car	108	317	55	136	616	1106	141	31	1278	117	117	76	1069	71	1216	3227
% Car	100	99.4	98.2	94.4	98.2	99	100	100	99.1	98.3	98.3	98.7	99.3	97.3	99.2	99
Truck	0	2	1	8	11	11	0	0	11	2	2	1	7	2	10	34
% Truck	0	0.6	1.8	5.6	1.8	1	0	0	0.9	1.7	1.7	1.3	0.7	2.7	0.8	1

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/15th St
Date: Saturday, June 15, 2013
Counter: MIO 116240

File Name : FM0615 6
Site Code :
Start Date : 6/15/2013
Page No : 2

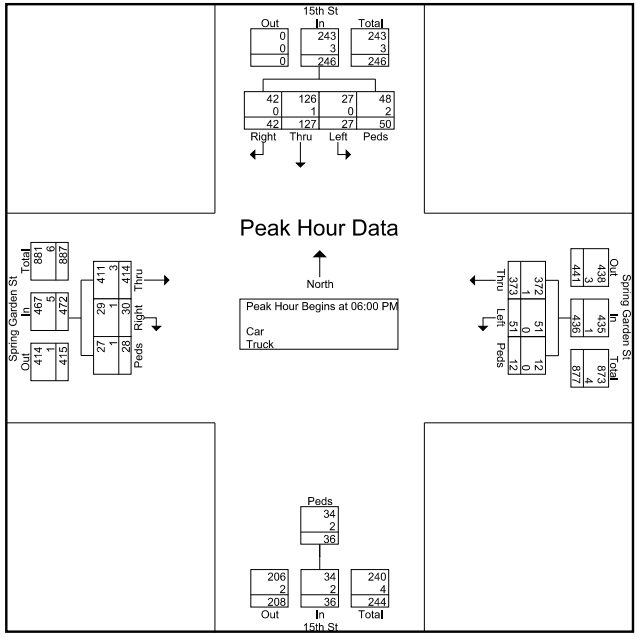


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/15th St
Date: Saturday, June 15, 2013
Counter: MIO 116240

File Name : FM0615 6
Site Code :
Start Date : 6/15/2013
Page No : 3

	15th St Southbound					Spring Garden St Westbound				15th St Northbound		Spring Garden St Eastbound				
Start Time	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 09:00 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 06:00 PM																
06:00 PM	8	24	5	12	49	**101**	14	3	**118**	10	10	6	105	**13**	**124**	301
06:15 PM	10	35	**9**	**17**	**71**	93	6	2	101	**14**	**14**	4	**114**	5	123	**309**
06:30 PM	**18**	32	9	10	69	98	**16**	1	115	8	8	**12**	89	7	108	300
06:45 PM	6	**36**	4	11	57	81	15	**6**	102	4	4	8	106	3	117	280
Total Volume	42	127	27	50	246	373	51	12	436	36	36	30	414	28	472	1190
% App. Total	17.1	51.6	11	20.3		85.6	11.7	2.8		100		6.4	87.7	5.9		
PHF	.583	.882	.750	.735	.866	.923	.797	.500	.924	.643	.643	.625	.908	.538	.952	.963
Car	42	126	27	48	243	372	51	12	435	34	34	29	411	27	467	1179
% Car	100	99.2	100	96.0	98.8	99.7	100	100	99.8	94.4	94.4	96.7	99.3	96.4	98.9	99.1
Truck	0	1	0	2	3	1	0	0	1	2	2	1	3	1	5	11
% Truck	0	0.8	0	4.0	1.2	0.3	0	0	0.2	5.6	5.6	3.3	0.7	3.6	1.1	0.9



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/16th St
Date: Saturday, June 15th, 2013
Counter: MIO 116245

File Name : FM0615 7
Site Code :
Start Date : 6/15/2013
Page No : 1

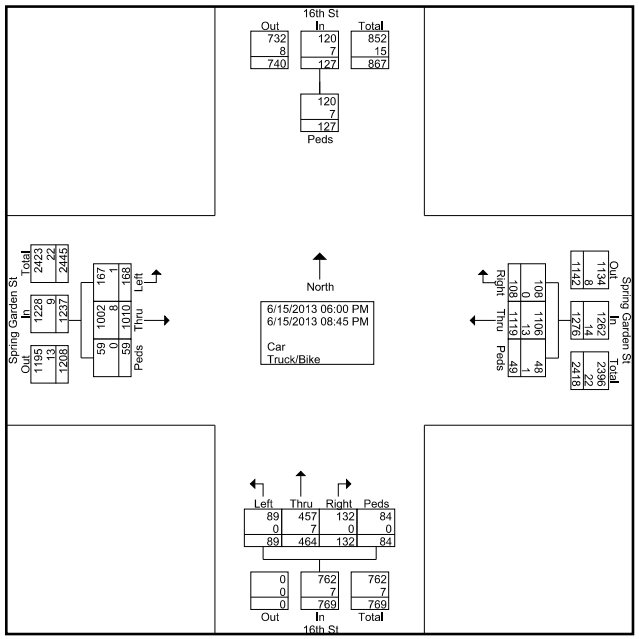
Groups Printed- Car - Truck/Bike

	16th St Southbound		Spring Garden St Westbound				16th St Northbound					Spring Garden St Eastbound				
Start Time	Peds	App. Total	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0		1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0		
06:00 PM	12	12	8	105	6	119	10	41	10	8	69	107	13	6	126	326
06:15 PM	9	9	9	87	4	100	20	44	10	10	84	100	13	9	122	315
06:30 PM	20	20	11	119	4	134	11	41	9	10	71	95	14	6	115	340
06:45 PM	8	8	6	68	2	76	4	35	7	6	52	96	16	5	117	253
Total	49	49	34	379	16	429	45	161	36	34	276	398	56	26	480	1234
07:00 PM	19	19	11	108	1	120	10	42	10	5	67	82	14	1	97	303
07:15 PM	10	10	5	114	7	126	10	26	5	10	51	88	8	7	103	290
07:30 PM	10	10	7	96	7	110	19	38	6	8	71	86	15	5	106	297
07:45 PM	8	8	13	80	5	98	8	39	5	4	56	81	12	3	96	258
Total	47	47	36	398	20	454	47	145	26	27	245	337	49	16	402	1148
08:00 PM	4	4	8	81	0	89	11	46	8	4	69	69	15	1	85	247
08:15 PM	9	9	7	89	4	100	15	35	5	4	59	65	15	3	83	251
08:30 PM	6	6	13	95	5	113	3	36	6	10	55	72	18	4	94	268
08:45 PM	12	12	10	77	4	91	11	41	8	5	65	69	15	9	93	261
Total	31	31	38	342	13	393	40	158	27	23	248	275	63	17	355	1027
Grand Total	127	127	108	1119	49	1276	132	464	89	84	769	1010	168	59	1237	3409
Apprch %	100		8.5	87.7	3.8		17.2	60.3	11.6	10.9		81.6	13.6	4.8		
Total %	3.7	3.7	3.2	32.8	1.4	37.4	3.9	13.6	2.6	2.5	22.6	29.6	4.9	1.7	36.3	
Car	120	120	108	1106	48	1262	132	457	89	84	762	1002	167	59	1228	3372
% Car	94.5	94.5	100	98.8	98	98.9	100	98.5	100	100	99.1	99.2	99.4	100	99.3	98.9
Truck/Bike	7	7	0	13	1	14	0	7	0	0	7	8	1	0	9	37
% Truck/Bike	5.5	5.5	0	1.2	2	1.1	0	1.5	0	0	0.9	0.8	0.6	0	0.7	1.1

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/16th St
Date: Saturday, June 15th, 2013
Counter: MIO 116245

File Name : FM0615 7
Site Code :
Start Date : 6/15/2013
Page No : 2

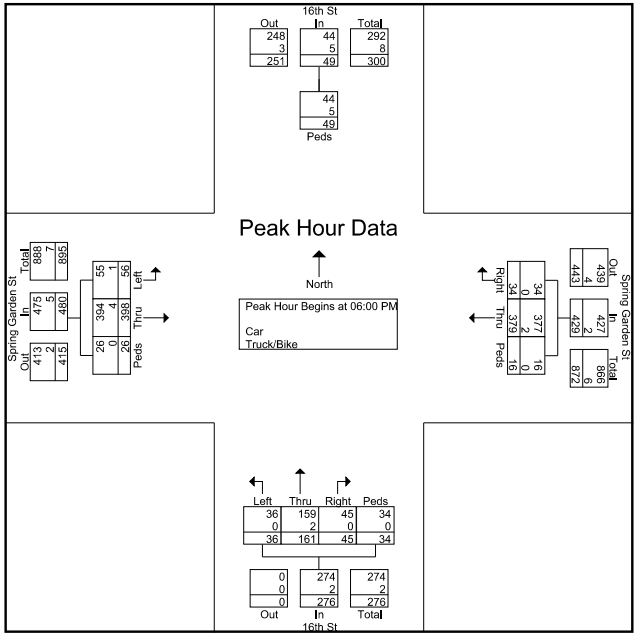


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden/16th St
Date: Saturday, June 15th, 2013
Counter: MIO 116245

File Name : FM0615 7
Site Code :
Start Date : 6/15/2013
Page No : 3

	16th St Southbound		Spring Garden St Westbound				16th St Northbound					Spring Garden St Eastbound				
Start Time	Peds	App. Total	Right	Thru	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 06:00 PM																
06:00 PM	12	12	8	105	**6**	119	10	41	**10**	8	69	**107**	13	6	**126**	326
06:15 PM	9	9	9	87	4	100	**20**	**44**	10	**10**	**84**	100	13	**9**	122	315
06:30 PM	**20**	**20**	**11**	**119**	4	**134**	11	41	9	10	71	95	14	6	115	**340**
06:45 PM	8	8	6	68	2	76	4	35	7	6	52	96	**16**	5	117	253
Total Volume	49	49	34	379	16	429	45	161	36	34	276	398	56	26	480	1234
% App. Total	100		7.9	88.3	3.7		16.3	58.3	13	12.3		82.9	11.7	5.4		
PHF	.613	.613	.773	.796	.667	.800	.563	.915	.900	.850	.821	.930	.875	.722	.952	.907
Car	44	44	34	377	16	427	45	159	36	34	274	394	55	26	475	1220
% Car	89.8	89.8	100	99.5	100	99.5	100	98.8	100	100	99.3	99.0	98.2	100	99.0	98.9
Truck/Bike	5	5	0	2	0	2	0	2	0	0	2	4	1	0	5	14
% Truck/Bike	10.2	10.2	0	0.5	0	0.5	0	1.2	0	0	0.7	1.0	1.8	0	1.0	1.1



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Saturday, June 15, 2013
Counter: BB

File Name : FM0615 8
Site Code : 00000000
Start Date : 6/15/2013
Page No : 1

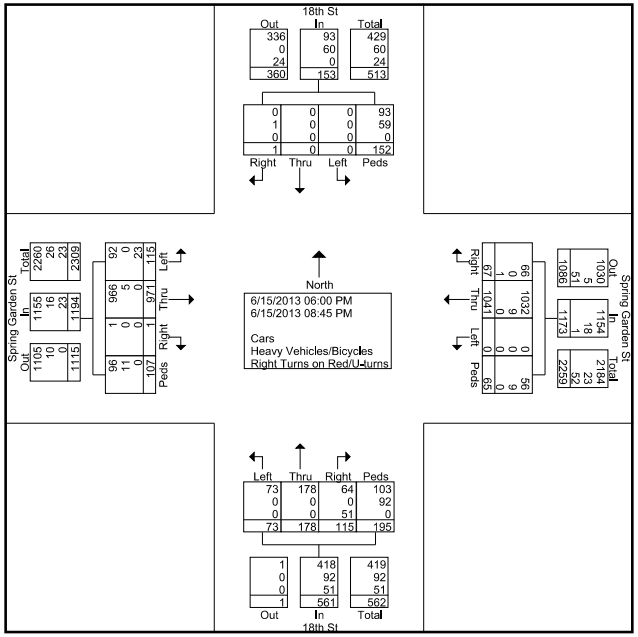
Groups Printed- Cars - Heavy Vehicles/Bicycles - turns

	18th St Southbound					Spring Garden St Westbound					18th St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	0	0	0	12	12	4	95	0	5	104	12	13	6	22	53	0	100	12	19	131	300
06:15 PM	0	0	0	11	11	6	90	0	7	103	11	16	6	21	54	0	97	10	11	118	286
06:30 PM	0	0	0	19	19	7	109	0	6	122	15	8	4	20	47	0	85	5	9	99	287
06:45 PM	0	0	0	14	14	7	81	0	6	94	11	20	12	19	62	0	90	16	11	117	287
Total	0	0	0	56	56	24	375	0	24	423	49	57	28	82	216	0	372	43	50	465	1160
07:00 PM	0	0	0	13	13	7	94	0	13	114	10	21	2	15	48	0	70	10	7	87	262
07:15 PM	0	0	0	15	15	4	101	0	7	112	11	19	8	12	50	0	77	12	1	90	267
07:30 PM	0	0	0	12	12	4	77	0	2	83	8	16	7	16	47	0	85	5	13	103	245
07:45 PM	1	0	0	9	10	7	82	0	3	92	6	15	5	13	39	1	75	13	8	97	238
Total	1	0	0	49	50	22	354	0	25	401	35	71	22	56	184	1	307	40	29	377	1012
08:00 PM	0	0	0	13	13	2	69	0	3	74	5	20	4	18	47	0	74	7	6	87	221
08:15 PM	0	0	0	7	7	6	93	0	4	103	9	9	2	13	33	0	73	6	5	84	227
08:30 PM	0	0	0	15	15	10	64	0	1	75	9	7	9	11	36	0	76	11	11	98	224
08:45 PM	0	0	0	12	12	3	86	0	8	97	8	14	8	15	45	0	69	8	6	83	237
Total	0	0	0	47	47	21	312	0	16	349	31	50	23	57	161	0	292	32	28	352	909
Grand Total	1	0	0	152	153	67	1041	0	65	1173	115	178	73	195	561	1	971	115	107	1194	3081
Apprch %	0.7	0	0	99.3		5.7	88.7	0	5.5		20.5	31.7	13	34.8		0.1	81.3	9.6	9		
Total %	0	0	0	4.9	5	2.2	33.8	0	2.1	38.1	3.7	5.8	2.4	6.3	18.2	0	31.5	3.7	3.5	38.8	
Cars	0	0	0	93	93	66	1032	0	56	1154	64	178	73	103	418	1	966	92	96	1155	2820
% Cars	0	0	0	61.2	60.8	98.5	99.1	0	86.2	98.4	55.7	100	100	52.8	74.5	100	99.5	80	89.7	96.7	91.5
Heavy Vehicles/Bicycles	1	0	0	59	60	0	9	0	9	18	0	0	0	92	92	0	5	0	11	16	186
% Heavy Vehicles/Bicycles	100	0	0	38.8	39.2	0	0.9	0	13.8	1.5	0	0	0	47.2	16.4	0	0.5	0	10.3	1.3	6
Right Turns on Red(U-turns	0	0	0	0	0	1	0	0	0	1	51	0	0	0	51	0	0	23	0	23	75
% Right Turns on Red(U-turns	0	0	0	0	0	1.5	0	0	0	0.1	44.3	0	0	0	9.1	0	0	20	0	1.9	2.4

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Saturday, June 15, 2013
Counter: BB

File Name : FM0615 8
Site Code : 00000000
Start Date : 6/15/2013
Page No : 2

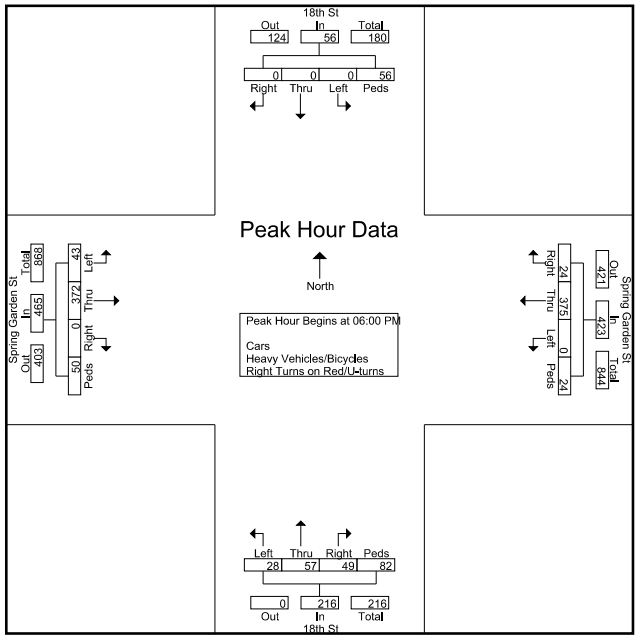


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Saturday, June 15, 2013
Counter: BB

File Name : FM0615 8
Site Code : 00000000
Start Date : 6/15/2013
Page No : 3

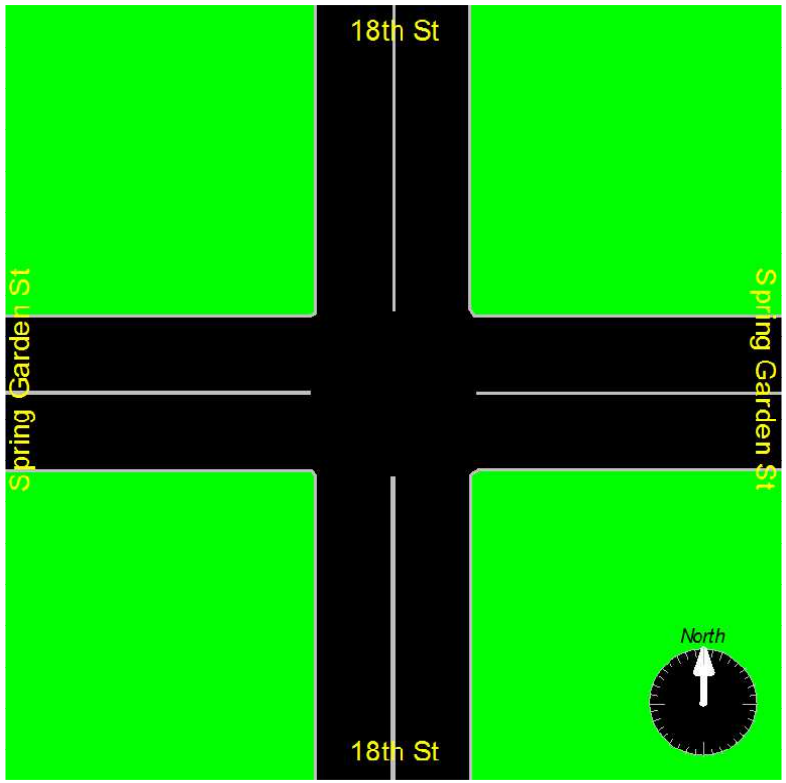
	18th St Southbound					Spring Garden St Westbound					18th St Northbound					Spring Garden St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	0	0	0	12	12	4	95	0	5	104	12	13	6	**22**	53	0	**100**	12	**19**	**131**	**300**
06:15 PM	0	0	0	11	11	6	90	0	7	103	11	16	6	21	54	0	97	10	11	118	286
06:30 PM	0	0	0	**19**	**19**	**7**	**109**	0	6	**122**	**15**	8	4	20	47	0	85	5	9	99	287
06:45 PM	0	0	0	14	14	7	81	0	6	94	11	**20**	**12**	19	**62**	0	90	**16**	11	117	287
Total Volume	0	0	0	56	56	24	375	0	24	423	49	57	28	82	216	0	372	43	50	465	1160
% App. Total	0	0	0	100		5.7	88.7	0	5.7		22.7	26.4	13	38		0	80	9.2	10.8		
PHF	.000	.000	.000	.737	.737	.857	.860	.000	.857	.867	.817	.713	.583	.932	.871	.000	.930	.672	.658	.887	.967



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: 18th St/Spring Garden St
Date: Saturday, June 15, 2013
Counter: BB

File Name : FM0615 8
Site Code : 00000000
Start Date : 6/15/2013
Page No : 4



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine Street Eb/17th Street
Date: Saturday, June 15, 2013
Counter: CC2

File Name : FM0615 9Eb
Site Code :
Start Date : 6/15/2013
Page No : 1

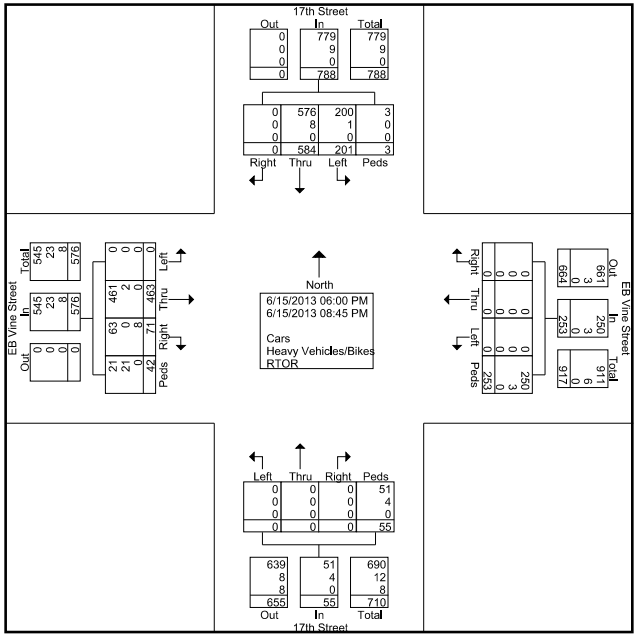
Groups Printed- Cars - Heavy Vehicles/Bikes - RTOR

	17th Street Southbound					EB Vine Street Westbound					17th Street Northbound					EB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	0	57	15	0	72	0	0	0	20	20	0	0	0	9	9	11	63	0	5	79	180
06:15 PM	0	50	13	0	63	0	0	0	21	21	0	0	0	7	7	5	52	0	4	61	152
06:30 PM	0	41	12	0	53	0	0	0	22	22	0	0	0	1	1	4	47	0	1	52	128
06:45 PM	0	52	18	1	71	0	0	0	25	25	0	0	0	2	2	9	35	0	3	47	145
Total	0	200	58	1	259	0	0	0	88	88	0	0	0	19	19	29	197	0	13	239	605
07:00 PM	0	57	18	0	75	0	0	0	28	28	0	0	0	9	9	5	45	0	1	51	163
07:15 PM	0	57	22	0	79	0	0	0	30	30	0	0	0	6	6	4	29	0	6	39	154
07:30 PM	0	38	17	0	55	0	0	0	35	35	0	0	0	5	5	11	28	0	5	44	139
07:45 PM	0	57	18	0	75	0	0	0	14	14	0	0	0	5	5	4	32	0	10	46	140
Total	0	209	75	0	284	0	0	0	107	107	0	0	0	25	25	24	134	0	22	180	596
08:00 PM	0	46	11	0	57	0	0	0	15	15	0	0	0	5	5	5	37	0	1	43	120
08:15 PM	0	44	22	0	66	0	0	0	10	10	0	0	0	1	1	3	38	0	3	44	121
08:30 PM	0	49	16	1	66	0	0	0	24	24	0	0	0	4	4	4	24	0	1	29	123
08:45 PM	0	36	19	1	56	0	0	0	9	9	0	0	0	1	1	6	33	0	2	41	107
Total	0	175	68	2	245	0	0	0	58	58	0	0	0	11	11	18	132	0	7	157	471
Grand Total	0	584	201	3	788	0	0	0	253	253	0	0	0	55	55	71	463	0	42	576	1672
Apprch %	0	74.1	25.5	0.4		0	0	0	100		0	0	0	100		12.3	80.4	0	7.3		
Total %	0	34.9	12	0.2	47.1	0	0	0	15.1	15.1	0	0	0	3.3	3.3	4.2	27.7	0	2.5	34.4	
Cars	0	576	200	3	779	0	0	0	250	250	0	0	0	51	51	63	461	0	21	545	1625
% Cars	0	98.6	99.5	100	98.9	0	0	0	98.8	98.8	0	0	0	92.7	92.7	88.7	99.6	0	50	94.6	97.2
Heavy Vehicles/Bikes	0	8	1	0	9	0	0	0	3	3	0	0	0	4	4	0	2	0	21	23	39
% Heavy Vehicles/Bikes	0	1.4	0.5	0	1.1	0	0	0	1.2	1.2	0	0	0	7.3	7.3	0	0.4	0	50	4	2.3
RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8	8
% RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.3	0	0	0	1.4	0.5

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine Street Eb/17th Street
Date: Saturday, June 15, 2013
Counter: CC2

File Name : FM0615 9Eb
Site Code :
Start Date : 6/15/2013
Page No : 2

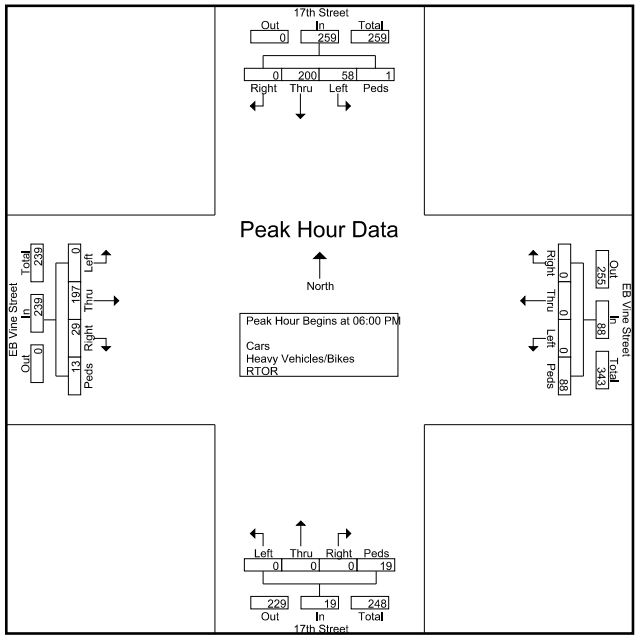


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine Street Eb/17th Street
Date: Saturday, June 15, 2013
Counter: CC2

File Name : FM0615 9Eb
Site Code :
Start Date : 6/15/2013
Page No : 3

	17th Street Southbound					EB Vine Street Westbound					17th Street Northbound					EB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	0	**57**	15	0	**72**	0	0	0	20	20	0	0	0	**9**	**9**	**11**	**63**	0	**5**	**79**	**180**
06:15 PM	0	50	13	0	63	0	0	0	21	21	0	0	0	7	7	5	52	0	4	61	152
06:30 PM	0	41	12	0	53	0	0	0	22	22	0	0	0	1	1	4	47	0	1	52	128
06:45 PM	0	52	**18**	**1**	71	0	0	0	**25**	**25**	0	0	0	2	2	9	35	0	3	47	145
Total Volume	0	200	58	1	259	0	0	0	88	88	0	0	0	19	19	29	197	0	13	239	605
% App. Total	0	77.2	22.4	0.4		0	0	0	100		0	0	0	100		12.1	82.4	0	5.4		
PHF	.000	.877	.806	.250	.899	.000	.000	.000	.880	.880	.000	.000	.000	.528	.528	.659	.782	.000	.650	.756	.840



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine St Wb/17th Street
Date: Saturday, June 15, 2013
Counter: CC1

File Name : FM0615 9Wb
Site Code :
Start Date : 6/15/2013
Page No : 1

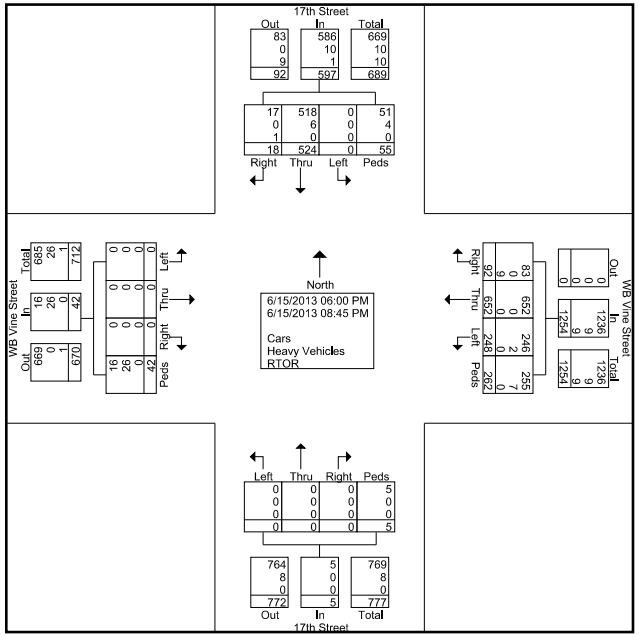
Groups Printed- Cars - Heavy Vehicles - RTOR

	17th Street Southbound					WB Vine Street Westbound					17th Street Northbound					WB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	3	45	0	8	56	11	57	32	23	123	0	0	0	2	2	0	0	0	3	3	184
06:15 PM	2	42	0	3	47	11	98	20	25	154	0	0	0	0	0	0	0	0	3	3	204
06:30 PM	1	32	0	5	38	4	63	23	25	115	0	0	0	0	0	0	0	0	1	1	154
06:45 PM	3	40	0	2	45	7	52	25	28	112	0	0	0	0	0	0	0	0	3	3	160
Total	9	159	0	18	186	33	270	100	101	504	0	0	0	2	2	0	0	0	10	10	702
07:00 PM	1	41	0	9	51	10	68	30	27	135	0	0	0	1	1	0	0	0	6	6	193
07:15 PM	1	59	0	3	63	7	41	26	30	104	0	0	0	2	2	0	0	0	2	2	171
07:30 PM	0	34	0	9	43	4	49	22	22	97	0	0	0	0	0	0	0	0	5	5	145
07:45 PM	1	56	0	5	62	10	41	18	16	85	0	0	0	0	0	0	0	0	11	11	158
Total	3	190	0	26	219	31	199	96	95	421	0	0	0	3	3	0	0	0	24	24	667
08:00 PM	2	44	0	2	48	12	38	13	20	83	0	0	0	0	0	0	0	0	2	2	133
08:15 PM	1	52	0	1	54	5	44	12	12	73	0	0	0	0	0	0	0	0	4	4	131
08:30 PM	2	45	0	5	52	3	55	12	26	96	0	0	0	0	0	0	0	0	0	0	148
08:45 PM	1	34	0	3	38	8	46	15	8	77	0	0	0	0	0	0	0	0	2	2	117
Total	6	175	0	11	192	28	183	52	66	329	0	0	0	0	0	0	0	0	8	8	529
Grand Total	18	524	0	55	597	92	652	248	262	1254	0	0	0	5	5	0	0	0	42	42	1898
Apprch %	3	87.8	0	9.2		7.3	52	19.8	20.9		0	0	0	100		0	0	0	100		
Total %	0.9	27.6	0	2.9	31.5	4.8	34.4	13.1	13.8	66.1	0	0	0	0.3	0.3	0	0	0	2.2	2.2	
Cars	17	518	0	51	586	83	652	246	255	1236	0	0	0	5	5	0	0	0	16	16	1843
% Cars	94.4	98.9	0	92.7	98.2	90.2	100	99.2	97.3	98.6	0	0	0	100	100	0	0	0	38.1	38.1	97.1
Heavy Vehicles	0	6	0	4	10	0	0	2	7	9	0	0	0	0	0	0	0	0	26	26	45
% Heavy Vehicles	0	1.1	0	7.3	1.7	0	0	0.8	2.7	0.7	0	0	0	0	0	0	0	0	61.9	61.9	2.4
RTOR	1	0	0	0	1	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0	10
% RTOR	5.6	0	0	0	0.2	9.8	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0.5

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine St Wb/17th Street
Date: Saturday, June 15, 2013
Counter: CC1

File Name : FM0615 9Wb
Site Code :
Start Date : 6/15/2013
Page No : 2

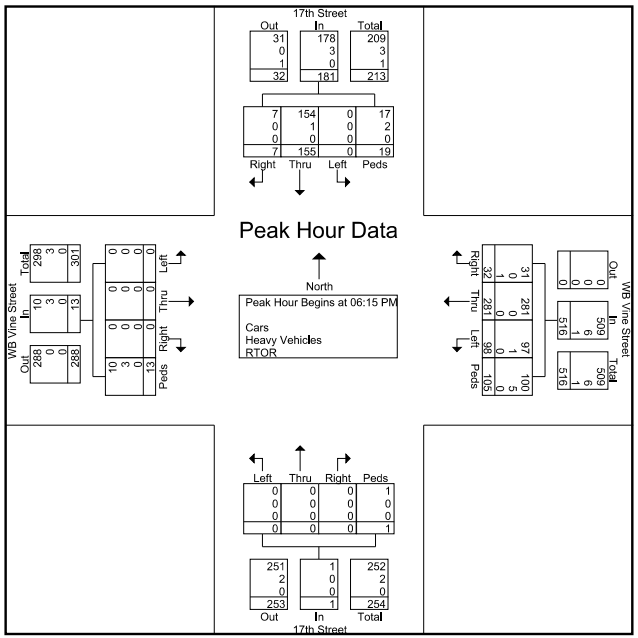


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Vine St Wb/17th Street
Date: Saturday, June 15, 2013
Counter: CC1

File Name : FM0615 9Wb
Site Code :
Start Date : 6/15/2013
Page No : 3

	17th Street Southbound					WB Vine Street Westbound					17th Street Northbound					WB Vine Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:15 PM																					
06:15 PM	2	**42**	0	3	47	**11**	**98**	20	25	**154**	0	0	0	0	0	0	0	0	3	3	**204**
06:30 PM	1	32	0	5	38	4	63	23	25	115	0	0	0	0	0	0	0	0	1	1	154
06:45 PM	**3**	40	0	2	45	7	52	25	**28**	112	0	0	0	0	0	0	0	0	3	3	160
07:00 PM	1	41	0	**9**	**51**	10	68	**30**	27	135	0	0	0	**1**	**1**	0	0	0	**6**	**6**	193
Total Volume	7	155	0	19	181	32	281	98	105	516	0	0	0	1	1	0	0	0	13	13	711
% App. Total	3.9	85.6	0	10.5		6.2	54.5	19	20.3		0	0	0	100		0	0	0	100		
PHF	.583	.923	.000	.528	.887	.727	.717	.817	.938	.838	.000	.000	.000	.250	.250	.000	.000	.000	.542	.542	.871
Cars	7	154	0	17	178	31	281	97	100	509	0	0	0	1	1	0	0	0	10	10	698
% Cars	100	99.4	0	89.5	98.3	96.9	100	99.0	95.2	98.6	0	0	0	100	100	0	0	0	76.9	76.9	98.2
Heavy Vehicles																					
% Heavy Vehicles	0	0.6	0	10.5	1.7	0	0	1.0	4.8	1.2	0	0	0	0	0	0	0	0	23.1	23.1	1.7
RTOR	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
% RTOR	0	0	0	0	0	3.1	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.1



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden St/17th St
Date: Saturday, June 15, 2013
Counter: PB PD

File Name : FM0615 10
Site Code : 00000000
Start Date : 6/15/2013
Page No : 1

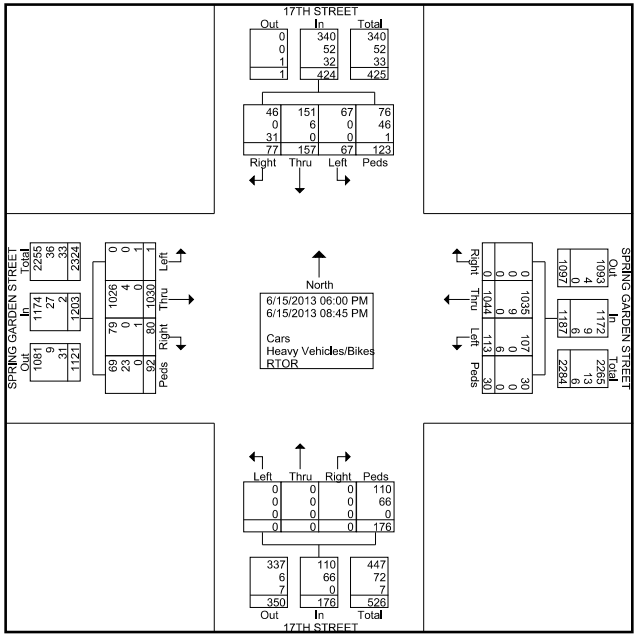
Groups Printed- Cars - Heavy Vehicles/Bikes - RTOR

	17TH STREET Southbound					SPRING GARDEN STREET Westbound					17TH STREET Northbound					SPRING GARDEN STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 PM	6	12	6	9	33	0	100	13	2	115	0	0	0	19	19	7	98	0	5	110	277
06:15 PM	6	11	6	3	26	0	92	7	1	100	0	0	0	21	21	9	96	0	2	107	254
06:30 PM	7	11	8	19	45	0	110	8	1	119	0	0	0	15	15	6	99	1	18	124	303
06:45 PM	9	19	8	5	41	0	81	5	0	86	0	0	0	16	16	9	94	0	5	108	251
Total	28	53	28	36	145	0	383	33	4	420	0	0	0	71	71	31	387	1	30	449	1085
07:00 PM	10	19	3	11	43	0	89	9	5	103	0	0	0	15	15	6	80	0	4	90	251
07:15 PM	4	13	3	16	36	0	101	15	0	116	0	0	0	16	16	8	83	0	14	105	273
07:30 PM	1	13	3	6	23	0	81	12	1	94	0	0	0	9	9	2	95	0	7	104	230
07:45 PM	8	19	3	9	39	0	81	6	5	92	0	0	0	11	11	7	87	0	9	103	245
Total	23	64	12	42	141	0	352	42	11	405	0	0	0	51	51	23	345	0	34	402	999
08:00 PM	8	15	3	15	41	0	66	5	4	75	0	0	0	18	18	5	74	0	6	85	219
08:15 PM	7	12	9	6	34	0	91	9	2	102	0	0	0	14	14	11	76	0	6	93	243
08:30 PM	4	7	6	12	29	0	71	10	6	87	0	0	0	14	14	7	82	0	9	98	228
08:45 PM	7	6	9	12	34	0	81	14	3	98	0	0	0	8	8	3	66	0	7	76	216
Total	26	40	27	45	138	0	309	38	15	362	0	0	0	54	54	26	298	0	28	352	906
Grand Total	77	157	67	123	424	0	1044	113	30	1187	0	0	0	176	176	80	1030	1	92	1203	2990
Apprch %	18.2	37	15.8	29		0	88	9.5	2.5		0	0	0	100		6.7	85.6	0.1	7.6		
Total %	2.6	5.3	2.2	4.1	14.2	0	34.9	3.8	1	39.7	0	0	0	5.9	5.9	2.7	34.4	0	3.1	40.2	
Cars	46	151	67	76	340	0	1035	107	30	1172	0	0	0	110	110	79	1026	0	69	1174	2796
% Cars	59.7	96.2	100	61.8	80.2	0	99.1	94.7	100	98.7	0	0	0	62.5	62.5	98.8	99.6	0	75	97.6	93.5
Heavy Vehicles/Bikes	0	6	0	46	52	0	9	0	0	9	0	0	0	66	66	0	4	0	23	27	154
% Heavy Vehicles/Bikes	0	3.8	0	37.4	12.3	0	0.9	0	0	0.8	0	0	0	37.5	37.5	0	0.4	0	25	2.2	5.2
RTOR	31	0	0	1	32	0	0	6	0	6	0	0	0	0	0	1	0	1	0	2	40
% RTOR	40.3	0	0	0.8	7.5	0	0	5.3	0	0.5	0	0	0	0	0	1.2	0	100	0	0.2	1.3

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden St/17th St
Date: Saturday, June 15, 2013
Counter: PB PD

File Name : FM0615 10
Site Code : 00000000
Start Date : 6/15/2013
Page No : 2

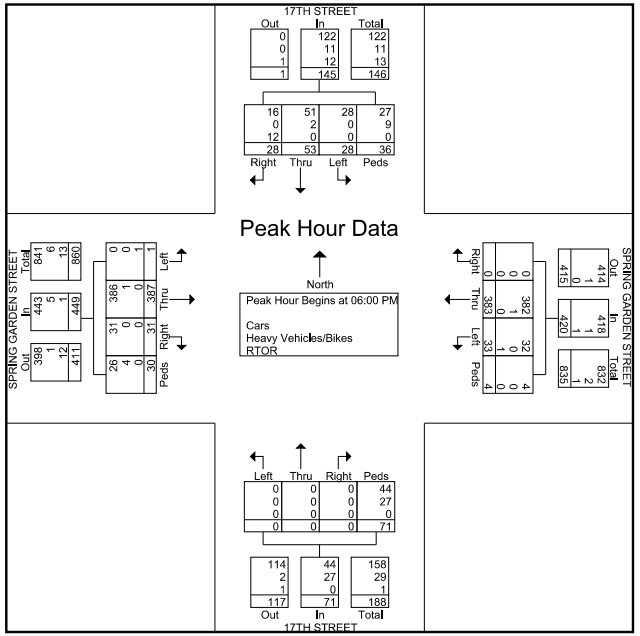


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, PA
Intersection: Spring Garden St/17th St
Date: Saturday, June 15, 2013
Counter: PB PD

File Name : FM0615 10
Site Code : 00000000
Start Date : 6/15/2013
Page No : 3

	17TH STREET Southbound					SPRING GARDEN STREET Westbound					17TH STREET Northbound					SPRING GARDEN STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	6	12	6	9	33	0	100	**13**	**2**	115	0	0	0	19	19	7	98	0	5	110	277
06:15 PM	6	11	6	3	26	0	92	7	1	100	0	0	0	**21**	**21**	**9**	96	0	2	107	254
06:30 PM	7	11	**8**	**19**	**45**	0	**110**	8	1	**119**	0	0	0	15	15	6	**99**	**1**	**18**	**124**	**303**
06:45 PM	**9**	**19**	8	5	41	0	81	5	0	86	0	0	0	16	16	9	94	0	5	108	251
Total Volume	28	53	28	36	145	0	383	33	4	420	0	0	0	71	71	31	387	1	30	449	1085
% App. Total	19.3	36.6	19.3	24.8		0	91.2	7.9	1		0	0	0	100		6.9	86.2	0.2	6.7		
PHF	.778	.697	.875	.474	.806	.000	.870	.635	.500	.882	.000	.000	.000	.845	.845	.861	.977	.250	.417	.905	.895
Cars	16	51	28	27	122	0	382	32	4	418	0	0	0	44	44	31	386	0	26	443	1027
% Cars	57.1	96.2	100	75.0	84.1	0	99.7	97.0	100	99.5	0	0	0	62.0	62.0	100	99.7	0	86.7	98.7	94.7
Heavy Vehicles/Bikes																					
% Heavy Vehicles/Bikes	0	3.8	0	25.0	7.6	0	0.3	0	0	0.2	0	0	0	38.0	38.0	0	0.3	0	13.3	1.1	4.1
RTOR	12	0	0	0	12	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	14
% RTOR	42.9	0	0	0	8.3	0	0	3.0	0	0.2	0	0	0	0	0	0	0	100	0	0.2	1.3



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, County, PA
Intersection: Vine - EB / 13th
Date: Saturday, June 15, 2013
Counter: SL

File Name : FM0615 11Eb
Site Code : 00000000
Start Date : 6/15/2013
Page No : 1

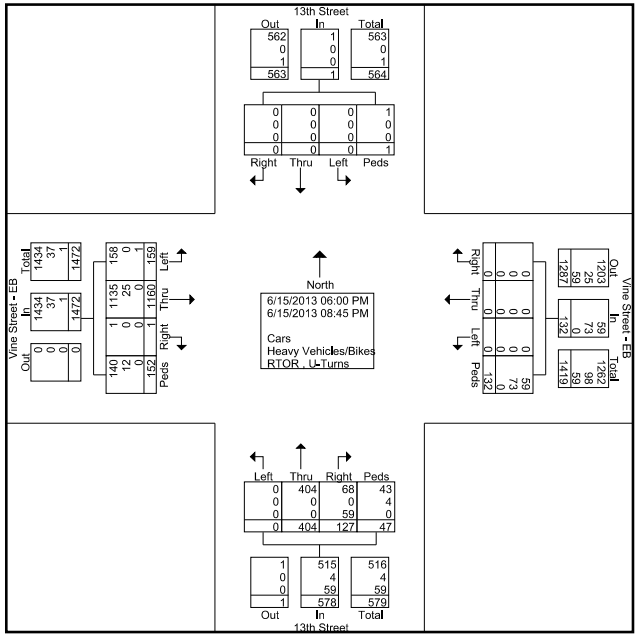
Groups Printed- Cars - Heavy Vehicles/Bikes - Turns

	13th Street Southbound					Vine Street - EB Westbound					13th Street Northbound					Vine Street - EB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 PM	0	0	0	0	0	0	0	0	8	8	12	35	0	2	49	0	130	7	16	153	210
06:15 PM	0	0	0	0	0	0	0	0	6	6	14	34	0	4	52	0	131	17	19	167	225
06:30 PM	0	0	0	0	0	0	0	0	10	10	3	40	0	3	46	1	110	18	9	138	194
06:45 PM	0	0	0	0	0	0	0	0	12	12	14	31	0	6	51	0	98	20	7	125	188
Total	0	0	0	0	0	0	0	0	36	36	43	140	0	15	198	1	469	62	51	583	817
07:00 PM	0	0	0	0	0	0	0	0	22	22	8	27	0	4	39	0	98	11	18	127	188
07:15 PM	0	0	0	0	0	0	0	0	11	11	13	41	0	3	57	0	100	11	12	123	191
07:30 PM	0	0	0	0	0	0	0	0	12	12	11	35	0	2	48	0	90	23	11	124	184
07:45 PM	0	0	0	0	0	0	0	0	8	8	13	34	0	2	49	0	93	15	10	118	175
Total	0	0	0	0	0	0	0	0	53	53	45	137	0	11	193	0	381	60	51	492	738
08:00 PM	0	0	0	0	0	0	0	0	11	11	11	30	0	2	43	0	88	7	13	108	162
08:15 PM	0	0	0	1	1	0	0	0	11	11	9	34	0	13	56	0	64	10	17	91	159
08:30 PM	0	0	0	0	0	0	0	0	13	13	10	28	0	6	44	0	75	6	17	98	155
08:45 PM	0	0	0	0	0	0	0	0	8	8	9	35	0	0	44	0	83	14	3	100	152
Total	0	0	0	1	1	0	0	0	43	43	39	127	0	21	187	0	310	37	50	397	628
Grand Total	0	0	0	1	1	0	0	0	132	132	127	404	0	47	578	1	1160	159	152	1472	2183
Apprch %	0	0	0	100		0	0	0	100		22	69.9	0	8.1		0.1	78.8	10.8	10.3		
Total %	0	0	0	0	0	0	0	0	6	6	5.8	18.5	0	2.2	26.5	0	53.1	7.3	7	67.4	
Cars	0	0	0	1	1	0	0	0	59	59	68	404	0	43	515	1	1135	158	140	1434	2009
% Cars	0	0	0	100	100	0	0	0	44.7	44.7	53.5	100	0	91.5	89.1	100	97.8	99.4	92.1	97.4	92
Heavy Vehicles/Bikes	0	0	0	0	0	0	0	0	73	73	0	0	0	4	4	0	25	0	12	37	114
% Heavy Vehicles/Bikes	0	0	0	0	0	0	0	0	55.3	55.3	0	0	0	8.5	0.7	0	2.2	0	7.9	2.5	5.2
RTOR , U-Turns	0	0	0	0	0	0	0	0	0	0	59	0	0	0	59	0	0	1	0	1	60
% RTOR , U-Turns	0	0	0	0	0	0	0	0	0	0	46.5	0	0	0	10.2	0	0	0.6	0	0.1	2.7

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, County, PA
Intersection: Vine - EB / 13th
Date: Saturday, June 15, 2013
Counter: SL

File Name : FM0615 11Eb
Site Code : 00000000
Start Date : 6/15/2013
Page No : 2

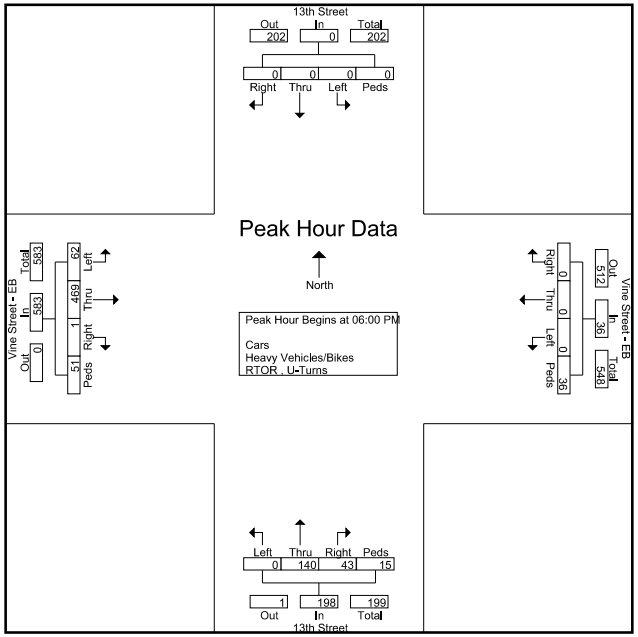


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia, County, PA
Intersection: Vine - EB / 13th
Date: Saturday, June 15, 2013
Counter: SL

File Name : FM0615 11Eb
Site Code : 00000000
Start Date : 6/15/2013
Page No : 3

	13th Street Southbound					Vine Street - EB Westbound					13th Street Northbound					Vine Street - EB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	0	0	0	0	0	0	0	0	8	8	12	35	0	2	49	0	130	7	16	153	210
06:15 PM	0	0	0	0	0	0	0	0	6	6	**14**	34	0	4	**52**	0	**131**	17	**19**	**167**	**225**
06:30 PM	0	0	0	0	0	0	0	0	10	10	3	**40**	0	3	46	**1**	110	18	9	138	194
06:45 PM	0	0	0	0	0	0	0	0	**12**	**12**	14	31	0	**6**	51	0	98	**20**	7	125	188
Total Volume	0	0	0	0	0	0	0	0	36	36	43	140	0	15	198	1	469	62	51	583	817
% App. Total	0	0	0	0		0	0	0	100		21.7	70.7	0	7.6		0.2	80.4	10.6	8.7		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.750	.750	.768	.875	.000	.625	.952	.250	.895	.775	.671	.873	.908



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Saturday, June 15, 2013
Counter: ET

File Name : FM0615 11Wb
Site Code : 00000000
Start Date : 6/15/2013
Page No : 1

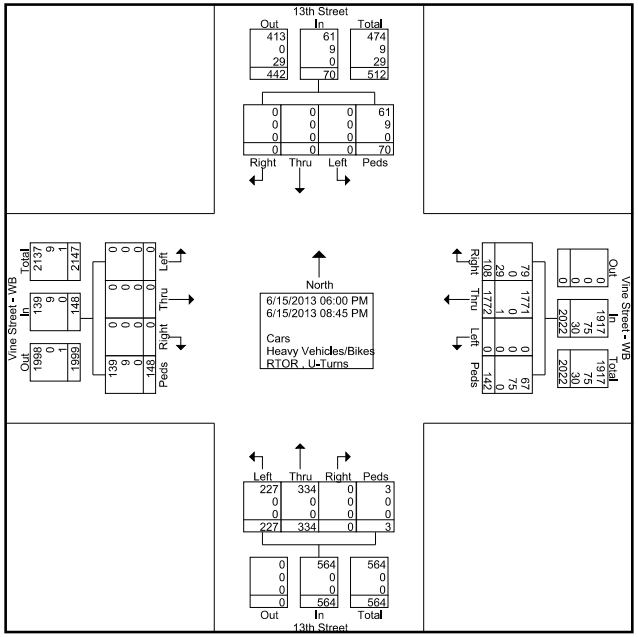
Groups Printed- Cars - Heavy Vehicles/Bikes - Turns

	13th Street Southbound					Vine Street - WB Westbound					13th Street Northbound					Vine Street - WB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 PM	0	0	0	7	7	8	194	0	10	212	0	29	14	2	45	0	0	0	15	15	279
06:15 PM	0	0	0	7	7	15	167	0	8	190	0	32	16	0	48	0	0	0	20	20	265
06:30 PM	0	0	0	7	7	11	159	0	12	182	0	41	19	1	61	0	0	0	8	8	258
06:45 PM	0	0	0	3	3	9	184	0	10	203	0	27	24	0	51	0	0	0	10	10	267
Total	0	0	0	24	24	43	704	0	40	787	0	129	73	3	205	0	0	0	53	53	1069
07:00 PM	0	0	0	10	10	11	167	0	24	202	0	25	15	0	40	0	0	0	12	12	264
07:15 PM	0	0	0	3	3	10	158	0	11	179	0	27	23	0	50	0	0	0	15	15	247
07:30 PM	0	0	0	9	9	11	145	0	14	170	0	28	31	0	59	0	0	0	11	11	249
07:45 PM	0	0	0	5	5	5	149	0	10	164	0	30	19	0	49	0	0	0	9	9	227
Total	0	0	0	27	27	37	619	0	59	715	0	110	88	0	198	0	0	0	47	47	987
08:00 PM	0	0	0	2	2	9	111	0	10	130	0	19	17	0	36	0	0	0	11	11	179
08:15 PM	0	0	0	4	4	4	118	0	12	134	0	31	13	0	44	0	0	0	16	16	198
08:30 PM	0	0	0	8	8	9	100	0	14	123	0	20	13	0	33	0	0	0	15	15	179
08:45 PM	0	0	0	5	5	6	120	0	7	133	0	25	23	0	48	0	0	0	6	6	192
Total	0	0	0	19	19	28	449	0	43	520	0	95	66	0	161	0	0	0	48	48	748
Grand Total	0	0	0	70	70	108	1772	0	142	2022	0	334	227	3	564	0	0	0	148	148	2804
Apprch %	0	0	0	100		5.3	87.6	0	7		0	59.2	40.2	0.5		0	0	0	100		
Total %	0	0	0	2.5	2.5	3.9	63.2	0	5.1	72.1	0	11.9	8.1	0.1	20.1	0	0	0	5.3	5.3	
Cars	0	0	0	61	61	79	1771	0	67	1917	0	334	227	3	564	0	0	0	139	139	2681
% Cars	0	0	0	87.1	87.1	73.1	99.9	0	47.2	94.8	0	100	100	100	100	0	0	0	93.9	93.9	95.6
Heavy Vehicles/Bikes	0	0	0	9	9	0	0	0	75	75	0	0	0	0	0	0	0	0	9	9	93
% Heavy Vehicles/Bikes	0	0	0	12.9	12.9	0	0	0	52.8	3.7	0	0	0	0	0	0	0	0	6.1	6.1	3.3
RTOR , U-Turns	0	0	0	0	0	29	1	0	0	30	0	0	0	0	0	0	0	0	0	0	30
% RTOR , U-Turns	0	0	0	0	0	26.9	0.1	0	0	1.5	0	0	0	0	0	0	0	0	0	0	1.1

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Saturday, June 15, 2013
Counter: ET

File Name : FM0615 11Wb
Site Code : 00000000
Start Date : 6/15/2013
Page No : 2

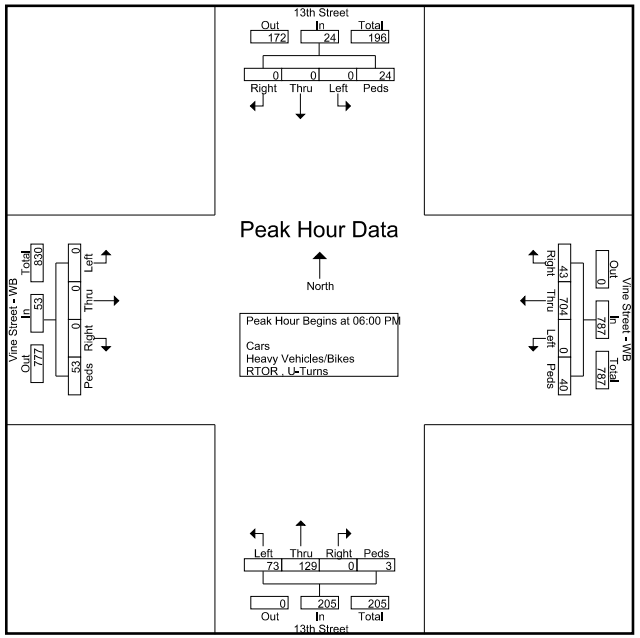


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philadelphia County, PA
Intersection: Vine WB / 13th
Date: Saturday, June 15, 2013
Counter: ET

File Name : FM0615 11Wb
Site Code : 00000000
Start Date : 6/15/2013
Page No : 3

	13th Street Southbound					Vine Street - WB Westbound					13th Street Northbound					Vine Street - WB Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	0	0	0	**7**	7	8	**194**	0	10	**212**	0	29	14	**2**	45	0	0	0	15	15	**279**
06:15 PM	0	0	0	7	7	**15**	167	0	8	190	0	32	16	0	48	0	0	0	**20**	**20**	265
06:30 PM	0	0	0	7	7	11	159	0	**12**	182	0	**41**	19	1	**61**	0	0	0	8	8	258
06:45 PM	0	0	0	3	3	9	184	0	10	203	0	27	**24**	0	51	0	0	0	10	10	267
Total Volume	0	0	0	24	24	43	704	0	40	787	0	129	73	3	205	0	0	0	53	53	1069
% App. Total	0	0	0	100		5.5	89.5	0	5.1		0	62.9	35.6	1.5		0	0	0	100		
PHF	.000	.000	.000	.857	.857	.717	.907	.000	.833	.928	.000	.787	.760	.375	.840	.000	.000	.000	.663	.663	.958



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, PA
Intersection:13th St @ Callowhill St
Date: Saturday, June 15, 2013
Counter: RZ

File Name : FM0615 12
Site Code : 00000000
Start Date : 6/15/2013
Page No : 1

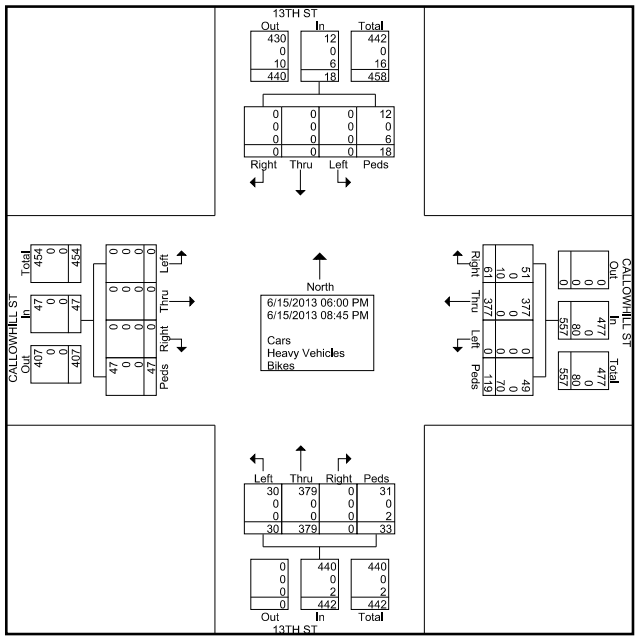
Groups Printed- Cars - Heavy Vehicles - Bikes

	13TH ST Southbound					CALLOWHILL ST Westbound					13TH ST Northbound					CALLOWHILL ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
06:00 PM	0	0	0	2	2	4	43	0	9	56	0	28	4	8	40	0	0	0	2	2	100
06:15 PM	0	0	0	1	1	9	41	0	4	54	0	35	3	1	39	0	0	0	1	1	95
06:30 PM	0	0	0	0	0	3	29	0	7	39	0	41	4	1	46	0	0	0	1	1	86
06:45 PM	0	0	0	2	2	5	40	0	6	51	0	37	3	1	41	0	0	0	6	6	100
Total	0	0	0	5	5	21	153	0	26	200	0	141	14	11	166	0	0	0	10	10	381
07:00 PM	0	0	0	0	0	3	31	0	22	56	0	32	2	1	35	0	0	0	0	0	91
07:15 PM	0	0	0	2	2	6	20	0	10	36	0	33	2	6	41	0	0	0	4	4	83
07:30 PM	0	0	0	5	5	8	30	0	15	53	0	38	2	1	41	0	0	0	4	4	103
07:45 PM	0	0	0	2	2	7	21	0	8	36	0	29	1	3	33	0	0	0	4	4	75
Total	0	0	0	9	9	24	102	0	55	181	0	132	7	11	150	0	0	0	12	12	352
08:00 PM	0	0	0	0	0	4	35	0	7	46	0	21	4	5	30	0	0	0	5	5	81
08:15 PM	0	0	0	2	2	1	23	0	5	29	0	31	3	1	35	0	0	0	4	4	70
08:30 PM	0	0	0	1	1	6	33	0	13	52	0	26	0	0	26	0	0	0	5	5	84
08:45 PM	0	0	0	1	1	5	31	0	13	49	0	28	2	5	35	0	0	0	11	11	96
Total	0	0	0	4	4	16	122	0	38	176	0	106	9	11	126	0	0	0	25	25	331
Grand Total	0	0	0	18	18	61	377	0	119	557	0	379	30	33	442	0	0	0	47	47	1064
Apprch %	0	0	0	100		11	67.7	0	21.4		0	85.7	6.8	7.5		0	0	0	100		
Total %	0	0	0	1.7	1.7	5.7	35.4	0	11.2	52.3	0	35.6	2.8	3.1	41.5	0	0	0	4.4	4.4	
Cars	0	0	0	12	12	51	377	0	49	477	0	379	30	31	440	0	0	0	47	47	976
% Cars	0	0	0	66.7	66.7	83.6	100	0	41.2	85.6	0	100	100	93.9	99.5	0	0	0	100	100	91.7
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bikes	0	0	0	6	6	10	0	0	70	80	0	0	0	2	2	0	0	0	0	0	88
% Bikes	0	0	0	33.3	33.3	16.4	0	0	58.8	14.4	0	0	0	6.1	0.5	0	0	0	0	0	8.3

Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, PA
Intersection:13th St @ Callowhill St
Date: Saturday, June 15, 2013
Counter: RZ

File Name : FM0615 12
Site Code : 00000000
Start Date : 6/15/2013
Page No : 2

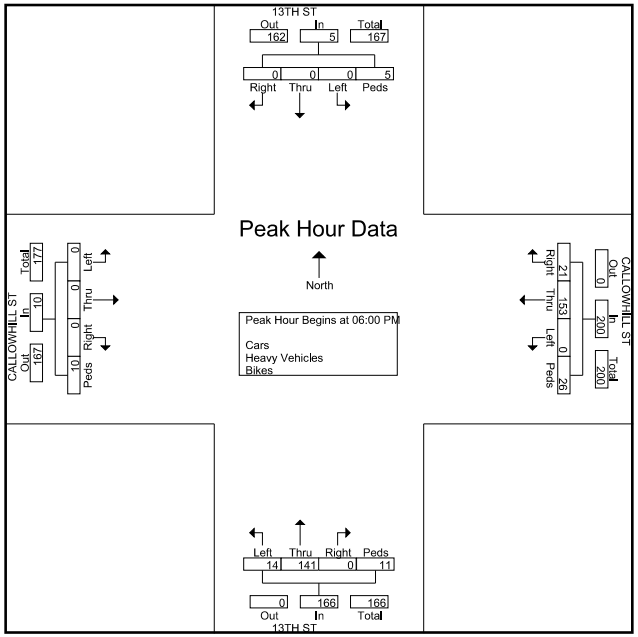


Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

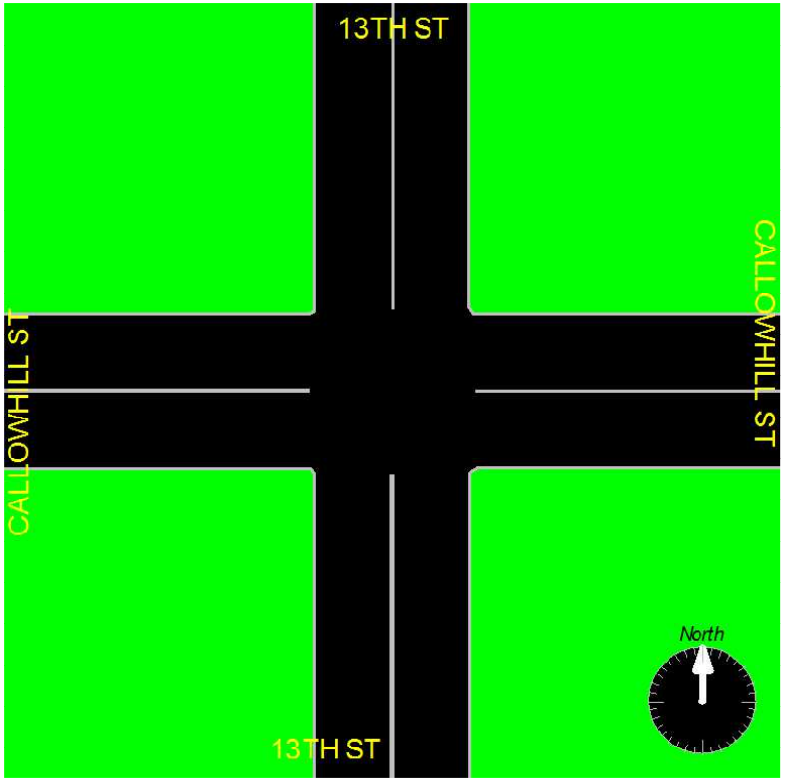
Location: Philladelphia, PA
Intersection:13th St @ Callowhill St
Date: Saturday, June 15, 2013
Counter: RZ

File Name : FM0615 12
Site Code : 00000000
Start Date : 6/15/2013
Page No : 3

	13TH ST Southbound					CALLOWHILL ST Westbound					13TH ST Northbound					CALLOWHILL ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 PM to 08:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:00 PM																					
06:00 PM	0	0	0	**2**	**2**	4	**43**	0	**9**	**56**	0	28	**4**	**8**	40	0	0	0	2	2	**100**
06:15 PM	0	0	0	1	1	**9**	41	0	4	54	0	35	3	1	39	0	0	0	1	1	95
06:30 PM	0	0	0	0	0	3	29	0	7	39	0	**41**	4	1	**46**	0	0	0	1	1	86
06:45 PM	0	0	0	2	2	5	40	0	6	51	0	37	3	1	41	0	0	0	**6**	**6**	100
Total Volume	0	0	0	5	5	21	153	0	26	200	0	141	14	11	166	0	0	0	10	10	381
% App. Total	0	0	0	100		10.5	76.5	0	13		0	84.9	8.4	6.6		0	0	0	100		
PHF	.000	.000	.000	.625	.625	.583	.890	.000	.722	.893	.000	.860	.875	.344	.902	.000	.000	.000	.417	.417	.953



Tri-State Traffic Data, Inc.
610 466-1469
TSTData.com

Location: Philladelphia, PA
Intersection:13th St @ Callowhill St
Date: Saturday, June 15, 2013
Counter: RZ

File Name : FM0615 12
Site Code : 00000000
Start Date : 6/15/2013
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