

APPENDIX A

Automatic Traffic Recorder (ATR) Volumes

Site Name NB Washington Pl. north of Centre Av.
 Jurisdiction Pgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 53800
 Direction North
 Date 11/5/2005
 Real Time 13:31
 Start Date 11/5/2005
 Start Time 14:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 1

Saturday, November 05, 2005

Week of 11-05-05									
HR	6	7	8	9	10	11	5	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	244	96	96	107	116	195	244	122.00	156.86
01	220	66	59	47	85	137	168	78.80	111.71
02	175	35	47	51	49	125	211	61.40	99.00
03	75	33	24	32	32	61	112	36.40	52.71
04	41	56	60	56	56	95	36	64.60	57.14
05	33	111	107	115	100	140	72	114.60	96.86
06	66	370	378	375	336	306	146	353.00	282.43
07	146	666	721	605	693	621	296	661.20	535.43
08	162	604	630	665	586	539	314	604.80	500.00
09	220	528	488	567	514	387	427	496.80	447.29
10	284	513	514	540	509	13	515	417.80	412.57
11	372	611	571	689	679	16	622	513.20	508.57
12	492	710	718	721	708	724	632	716.20	672.14
13	477	784	749	788	739	852	818	782.40	743.86
14	438	981	1062	995	1034	972	875	1008.80	908.14
15	912	1312	1342	1368	1324	1183	646	1305.80	1155.29
16	528	1652	1535	1743	1738	1464	568	1626.40	1318.29
17	381	1503	1424	1669	1502	1198	654	1459.20	1190.14
18	252	953	918	1338	986	749	788	988.80	854.86
19	558	701	664	667	747	631	458	682.00	632.29
20	330	627	676	638	628	431	340	600.00	524.29
21	260	377	403	495	538	416	547	445.80	433.71
22	199	218	231	331	1322	930	577	606.40	544.00
23	182	173	241	210	433	298	325	271.00	266.00
	7047	13680	13658	14812	15454	12483	10391	14017.40	12503.57 Total
% Average Weekday	50.27	97.59	97.44	105.67	110.25	89.05	74.13		
% Average Day	56.36	109.41	109.23	118.46	123.60	99.84	83.10		
AM Peak Hour	11:00	07:00	07:00	11:00	07:00	07:00	11:00		
AM Peak Hour Total	372	666	721	689	693	621	622		
PM Peak Hour	15:00	16:00	16:00	16:00	16:00	16:00	14:00		
PM Peak Hour Total	912	1652	1535	1743	1738	1464	875		

Site Name SB Washington Pl. north of Centre Av.
 Jurisdiction Pgh, PA Job #05380
 Study Type Volume (ch1)
 Location Code 2
 Direction South
 Date 11/5/2005
 Real Time 14:00
 Start Date 11/5/2005
 Start Time 15:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 2

Saturday, November 05, 2005

Week of 11-05-05									
HR	6	7	8	9	10	11	5	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	47	43	23	18	35	39	51	31.60	36.57
01	37	13	22	17	34	30	30	23.20	26.14
02	42	9	9	7	13	20	36	11.60	19.43
03	19	17	11	15	14	33	26	18.00	19.29
04	13	25	18	25	26	34	18	25.60	22.71
05	22	91	99	104	108	92	28	98.80	77.71
06	63	354	367	385	378	318	74	360.40	277.00
07	46	709	716	730	735	594	133	696.80	523.29
08	61	788	726	778	759	583	138	726.80	547.57
09	87	405	375	390	467	198	157	367.00	297.00
10	123	253	251	272	269	3	310	209.60	211.57
11	199	211	215	224	257	4	250	182.20	194.29
12	452	195	195	232	237	102	206	192.20	231.29
13	163	245	262	233	261	241	191	248.40	228.00
14	140	202	239	238	222	225	366	225.20	233.14
15	184	189	201	205	224	217	236	207.20	208.00
16	285	233	216	254	266	258	177	245.40	241.29
17	112	247	252	408	433	270	188	322.00	272.86
18	99	149	152	361	501	373	353	307.20	284.00
19	139	81	119	117	447	475	228	247.80	229.43
20	96	90	110	108	112	111	111	106.20	105.43
21	80	64	72	78	104	124	110	88.40	90.29
22	60	74	78	78	130	136	119	99.20	96.43
23	31	42	37	37	57	76	74	49.80	50.57
	2600	4729	4765	5314	6089	4556	3610	5090.60	4523.29 Total
% Average Weekday	51.07	92.90	93.60	104.39	119.61	89.50	70.92		
% Average Day	57.48	104.55	105.34	117.48	134.61	100.72	79.81		
AM Peak Hour	11:00	08:00	08:00	08:00	08:00	07:00	10:00		
AM Peak Hour Total	199	788	726	778	759	594	310		
PM Peak Hour	12:00	17:00	13:00	17:00	18:00	19:00	14:00		
PM Peak Hour Total	452	247	262	408	501	475	366		

Site Name EB Bedford Av. east of Chatham
 Jurisdiction Pittsburgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 53803
 Direction East
 Date 11/5/2005
 Real Time 14:27
 Start Date 11/5/2005
 Start Time 15:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 3

Saturday, November 05, 2005

Week of 11-05-05										
HR	6	7	8	9	10	11	5	Week Day	Daily	
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average	
00	165	80	76	92	105	103	149	91.20	110.00	
01	101	35	33	48	57	63	91	47.20	61.14	
02	84	22	24	30	33	41	81	30.00	45.00	
03	47	16	26	26	23	64	54	31.00	36.57	
04	23	46	37	55	53	68	28	51.80	44.29	
05	38	217	229	234	236	218	60	226.80	176.00	
06	130	850	809	802	790	653	192	780.80	603.71	
07	156	1328	1368	1333	1359	1094	279	1296.40	988.14	
08	196	1310	1259	1295	1301	1083	405	1249.60	978.43	
09	338	807	795	780	885	946	488	842.60	719.86	
10	399	577	609	638	635	1020	679	695.80	651.00	
11	503	533	570	606	613	972	674	658.80	638.71	
12	904	538	541	606	619	773	657	615.40	662.57	
13	568	596	616	585	683	662	676	628.40	626.57	
14	532	731	710	706	795	765	940	741.40	739.86	
15	616	929	838	922	952	779	696	884.00	818.86	
16	681	1186	1050	1185	1196	971	604	1117.60	981.86	
17	375	1187	1133	1211	1312	985	636	1165.60	977.00	
18	342	843	848	945	1212	921	910	953.80	860.14	
19	392	486	508	572	888	902	609	671.20	622.43	
20	274	398	407	512	470	392	348	435.80	400.14	
21	199	320	331	460	460	375	455	389.20	371.43	
22	181	225	273	322	617	559	403	399.20	368.57	
23	113	146	172	157	193	238	225	181.20	177.71	
	7357	13406	13262	14122	15487	14647	10339	14184.80	12660.00	Total
% Average Weekday	51.87	94.51	93.49	99.56	109.18	103.26	72.89			
% Average Day	58.11	105.89	104.76	111.55	122.33	115.70	81.67			
AM Peak Hour	11:00	07:00	07:00	07:00	07:00	07:00	10:00			
AM Peak Hour Total	503	1328	1368	1333	1359	1094	679			
PM Peak Hour	12:00	17:00	17:00	17:00	17:00	17:00	14:00			
PM Peak Hour Total	904	1187	1133	1211	1312	985	940			

Site Name EB 7th Av. ramp to Vets. Br., Bigelow, Bedford
 Jurisdiction Pittsburgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 52804
 Direction East
 Date 11/5/2005
 Real Time 17:08
 Start Date 11/5/2005
 Start Time 18:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 4

Saturday, November 05, 2005

Week of 11-05-05									
HR	6	7	8	9	10	11	5	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	105	49	58	66	71	92	108	67.20	78.43
01	100	31	38	36	43	55	104	40.60	58.14
02	110	27	27	24	33	64	107	35.00	56.00
03	46	20	25	22	26	32	54	25.00	32.14
04	26	25	28	26	28	31	25	27.60	27.00
05	28	72	69	68	73	60	45	68.40	59.29
06	48	197	209	199	200	175	76	196.00	157.71
07	81	383	379	394	392	306	125	370.80	294.29
08	58	441	385	433	427	349	139	407.00	318.86
09	154	290	255	300	332	251	207	285.60	255.57
10	180	288	275	275	294	251	277	276.60	262.86
11	206	313	299	331	355	386	252	336.80	306.00
12	307	279	301	322	328	308	249	307.60	299.14
13	202	315	349	389	380	359	278	358.40	324.57
14	182	353	417	406	417	360	370	390.60	357.86
15	232	368	389	428	455	381	340	404.20	370.43
16	261	514	490	510	570	448	343	506.40	448.00
17	156	587	575	539	641	500	297	568.40	470.71
18	98	404	424	434	656	419	286	467.40	388.71
19	157	244	266	264	497	405	192	335.20	289.29
20	130	214	197	254	264	227	159	231.20	206.43
21	104	189	188	285	286	232	174	236.00	208.29
22	108	150	147	219	356	317	274	237.80	224.43
23	63	79	90	107	109	130	187	103.00	109.29
	3142	5832	5880	6331	7233	6138	4668	6282.80	5603.43 Total
% Average Weekday	50.01	92.82	93.59	100.77	115.12	97.70	74.30		
% Average Day	56.07	104.08	104.94	112.98	129.08	109.54	83.31		
AM Peak Hour	11:00	08:00	08:00	08:00	08:00	11:00	10:00		
AM Peak Hour Total	206	441	385	433	427	386	277		
PM Peak Hour	12:00	17:00	17:00	17:00	18:00	17:00	14:00		
PM Peak Hour Total	307	587	575	539	656	500	370		

Site Name EB Centre Av. east of Washington Pl.
 Jurisdiction Pittsburgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 53805
 Direction East
 Date 11/5/2005
 Real Time 15:27
 Start Date 11/5/2005
 Start Time 16:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 5

Saturday, November 05, 2005

Week of 11-05-05									
HR	6	7	8	9	10	11	5	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	97	48	35	40	57	57	103	47.40	62.43
01	71	24	23	21	32	44	74	28.80	41.29
02	77	26	20	17	27	44	77	26.80	41.14
03	35	20	17	21	22	53	44	26.60	30.29
04	20	34	32	39	43	42	27	38.00	33.86
05	19	107	114	130	117	104	26	114.40	88.14
06	56	358	416	370	363	293	57	360.00	273.29
07	48	509	526	515	526	418	89	498.80	375.86
08	68	489	444	469	464	437	115	460.60	355.14
09	168	260	262	305	316	297	210	288.00	259.71
10	205	206	212	217	253	57	514	189.00	237.71
11	360	187	217	211	246	54	334	183.00	229.86
12	586	224	216	208	210	150	209	201.60	257.57
13	195	232	214	247	248	319	266	252.00	245.86
14	163	266	224	260	267	291	667	261.60	305.43
15	307	251	232	232	284	302	389	260.20	285.29
16	421	276	239	309	380	368	244	314.40	319.57
17	129	296	286	356	614	386	276	387.60	334.71
18	124	178	177	333	852	596	558	427.20	402.57
19	164	160	142	211	741	996	333	450.00	392.43
20	125	106	118	143	161	223	141	150.20	145.29
21	130	110	141	134	185	286	144	171.20	161.43
22	87	90	76	100	193	271	179	146.00	142.29
23	57	58	67	76	103	158	116	92.40	90.71
	3712	4515	4450	4964	6704	6246	5192	5375.80	5111.86 Total
% Average Weekday	69.05	83.99	82.78	92.34	124.71	116.19	96.58		
% Average Day	72.62	88.32	87.05	97.11	131.15	122.19	101.57		
AM Peak Hour	11:00	07:00	07:00	07:00	07:00	08:00	10:00		
AM Peak Hour Total	360	509	526	515	526	437	514		
PM Peak Hour	12:00	17:00	17:00	17:00	18:00	19:00	14:00		
PM Peak Hour Total	586	296	286	356	852	996	667		

Site Name WB Centre Av. east of Washington Pl.
 Jurisdiction Pittsburgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 53806
 Direction West
 Date 11/5/2005
 Real Time 14:58
 Start Date 11/5/2005
 Start Time 15:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 6

Saturday, November 05, 2005

Week of 11-05-05									
HR	6	7	8	9	10	11	5	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	98	84	42	40	34	61	74	52.20	61.86
01	72	26	26	21	34	41	44	29.60	37.71
02	64	29	19	13	23	54	60	27.60	37.43
03	32	16	12	19	12	36	45	19.00	24.57
04	13	16	17	13	21	18	28	17.00	18.00
05	23	47	46	69	56	52	32	54.00	46.43
06	36	167	176	191	177	144	46	171.00	133.86
07	58	428	436	454	459	312	104	417.80	321.57
08	62	409	371	429	417	274	115	380.00	296.71
09	103	198	180	187	237	225	154	205.40	183.43
10	152	184	187	226	212	135	202	188.80	185.43
11	170	205	216	191	244	294	221	230.00	220.14
12	201	240	248	274	272	338	235	274.40	258.29
13	212	250	221	279	282	265	493	259.40	286.00
14	205	332	379	341	390	364	436	361.20	349.57
15	601	537	524	557	551	451	238	524.00	494.14
16	144	723	665	765	713	564	222	686.00	542.29
17	126	646	615	757	720	439	437	635.40	534.29
18	158	327	311	486	463	304	499	378.20	364.00
19	509	206	197	242	331	326	171	260.40	283.14
20	158	127	166	175	201	180	129	169.80	162.29
21	153	120	115	210	258	167	375	174.00	199.71
22	118	73	83	103	953	709	397	384.20	348.00
23	107	56	65	65	205	112	122	100.60	104.57
	3575	5446	5317	6107	7265	5865	4879	6000.00	5493.43 Total
% Average Weekday	59.58	90.77	88.62	101.78	121.08	97.75	81.32		
% Average Day	65.08	99.14	96.79	111.17	132.25	106.76	88.82		
AM Peak Hour	11:00	07:00	07:00	07:00	07:00	07:00	11:00		
AM Peak Hour Total	170	428	436	454	459	312	221		
PM Peak Hour	15:00	16:00	16:00	16:00	22:00	22:00	18:00		
PM Peak Hour Total	601	723	665	765	953	709	499		

Site Name NB Crawford St. north of Centre Av.
 Jurisdiction Pittsburgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 52807
 Direction North
 Date 11/5/2005
 Real Time 15:43
 Start Date 11/5/2005
 Start Time 16:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 7

Saturday, November 05, 2005

Week of 11-05-05										
HR	6	7	8	9	10	11	5	Week Day	Daily	
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average	
00	45	8	18	24	18	18	40	17.20	24.43	
01	34	2	9	8	15	18	22	10.40	15.43	
02	18	8	4	13	9	16	29	10.00	13.86	
03	24	6	3	8	10	10	19	7.40	11.43	
04	9	6	4	7	7	6	11	6.00	7.14	
05	11	17	19	23	15	13	11	17.40	15.57	
06	13	61	52	58	53	36	19	52.00	41.71	
07	26	86	80	76	74	48	32	72.80	60.29	
08	22	76	85	87	93	67	45	81.60	67.86	
09	60	74	64	87	68	126	62	83.80	77.29	
10	72	80	81	79	83	8	89	66.20	70.29	
11	89	77	81	81	82	156	96	95.40	94.57	
12	82	96	102	97	94	190	85	115.80	106.57	
13	105	98	74	84	109	77	111	88.40	94.00	
14	79	104	112	100	129	99	107	108.80	104.29	
15	126	140	138	136	177	119	69	142.00	129.29	
16	87	237	186	245	246	189	94	220.60	183.43	
17	53	294	119	343	336	215	106	261.40	209.43	
18	42	107	110	194	189	114	120	142.80	125.14	
19	91	87	79	111	139	119	67	107.00	99.00	
20	50	59	69	76	93	62	0	71.80	58.43	
21	48	53	57	65	93	74	47	68.40	62.43	
22	36	43	51	49	229	131	74	100.60	87.57	
23	34	27	20	34	60	65	43	41.20	40.43	
	1256	1846	1617	2085	2421	1976	1398	1989.00	1799.86	Total
% Average Weekday	63.15	92.81	81.30	104.83	121.72	99.35	70.29			
% Average Day	69.78	102.56	89.84	115.84	134.51	109.79	77.67			
AM Peak Hour	11:00	07:00	08:00	08:00	08:00	11:00	11:00			
AM Peak Hour Total	89	86	85	87	93	156	96			
PM Peak Hour	15:00	17:00	16:00	17:00	17:00	17:00	18:00			
PM Peak Hour Total	126	294	186	343	336	215	120			

Site Name SB Crawford St. north of Centre Av.
 Jurisdiction Pittsburgh, PA. Job #05380
 Study Type Volume (ch1)
 Location Code 53808
 Direction South
 Date 11/5/2005
 Real Time 16:09
 Start Date 11/5/2005
 Start Time 17:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 8

Saturday, November 05, 2005

HR	Week of 11-05-05							Week Day Average	Daily Average
	6 Sunday	7 Monday	8 Tuesday	9 Wednesday	10 Thursday	11 Friday	5 Saturday		
00	34	11	15	11	9	19	27	13.00	18.00
01	21	9	12	5	12	10	16	9.60	12.14
02	26	13	7	8	12	18	29	11.60	16.14
03	22	4	3	5	5	11	17	5.60	9.57
04	13	5	5	8	8	5	13	6.20	8.14
05	8	27	20	30	22	23	16	24.40	20.86
06	16	105	113	135	107	92	17	110.40	83.57
07	31	234	229	262	238	206	56	233.80	179.43
08	31	276	228	230	260	175	48	233.80	178.29
09	57	112	111	121	109	176	91	125.80	111.00
10	56	90	93	108	88	29	90	81.60	79.14
11	107	93	99	80	103	183	110	111.60	110.71
12	115	88	106	93	107	313	99	141.40	131.57
13	85	87	92	103	106	77	132	93.00	97.43
14	90	107	123	119	125	114	127	117.60	115.00
15	131	142	141	143	132	91	110	129.80	127.14
16	85	129	125	150	168	88	95	132.00	120.00
17	69	135	126	180	242	142	126	165.00	145.71
18	45	95	90	130	234	116	128	133.00	119.71
19	87	59	62	81	170	96	93	93.60	92.57
20	36	48	55	69	86	62	67	64.00	60.43
21	24	34	35	49	77	45	78	48.00	48.86
22	34	41	38	48	256	123	62	101.20	86.00
23	16	26	38	24	42	42	42	34.40	32.86
	1239	1970	1966	2192	2718	2256	1689	2220.40	2004.29 Total

% Average Weekday	55.80	88.72	88.54	98.72	122.41	101.60	76.07
% Average Day	61.82	98.29	98.09	109.37	135.61	112.56	84.27
AM Peak Hour	11:00	08:00	07:00	07:00	08:00	07:00	11:00
AM Peak Hour Total	107	276	229	262	260	206	110
PM Peak Hour	15:00	15:00	15:00	17:00	22:00	12:00	13:00
PM Peak Hour Total	131	142	141	180	256	313	132

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 5380 #9 SB
 Station ID:
 Veterans Br. ramp to Chatham & Bedford
 Pgh, PA. Job#05380

Start Time	Mon 31-Oct-05	Tue 01-Nov-05	Wed 02-Nov-05	Thu 03-Nov-05	Fri 04-Nov-05	Average Day	Sat 05-Nov-05	Sun 06-Nov-05	Week Average
12:00 AM	*	*	*	*	*	*	103	130	116
01:00	*	*	*	*	*	*	63	84	74
02:00	*	*	*	*	*	*	60	68	64
03:00	*	*	*	*	*	*	43	38	40
04:00	*	*	*	*	*	*	22	21	22
05:00	*	*	*	*	*	*	67	43	55
06:00	*	*	*	*	*	*	212	161	186
07:00	*	*	*	*	*	*	323	150	236
08:00	*	*	*	*	*	*	402	215	308
09:00	*	*	*	*	*	*	445	321	383
10:00	*	*	*	*	*	*	609	360	484
11:00	*	*	*	*	*	*	537	459	498
12:00 PM	*	*	*	*	*	*	531	728	630
01:00	*	*	*	*	*	*	506	506	506
02:00	*	*	*	*	*	*	707	470	588
03:00	*	*	*	*	*	*	526	489	508
04:00	*	*	*	*	*	*	469	520	494
05:00	*	*	*	*	*	*	549	368	458
06:00	*	*	*	*	*	*	766	299	532
07:00	*	*	*	*	*	*	497	358	428
08:00	*	*	*	*	*	*	321	284	302
09:00	*	*	*	*	*	*	407	211	309
10:00	*	*	*	*	*	*	298	141	220
11:00	*	*	*	*	*	*	175	91	133
Day Total	0	0	0	0	0	0	8638	6515	7574
% Avg. WkDay	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
% Avg. Week	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	114.0%	86.0%	
AM Peak Vol.							10:00 609	11:00 459	11:00 498
PM Peak Vol.							18:00 766	12:00 728	12:00 630

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 5380 #9 SB
 Station ID:
 Veterans Br. ramp to Chatham & Bedford
 Pgh, PA. Job#05380

Start Time	Mon 07-Nov-05	Tue 08-Nov-05	Wed 09-Nov-05	Thu 10-Nov-05	Fri 11-Nov-05	Average Day	Sat 12-Nov-05	Sun 13-Nov-05	Week Average
12:00 AM	67	64	60	69	77	67	*	*	67
01:00	31	25	43	38	65	40	*	*	40
02:00	17	20	31	25	27	24	*	*	24
03:00	22	22	22	24	61	30	*	*	30
04:00	65	47	54	69	66	60	*	*	60
05:00	292	311	316	311	282	302	*	*	302
06:00	934	899	936	902	724	879	*	*	879
07:00	1385	1408	1362	1387	1167	1342	*	*	1342
08:00	1398	1316	1331	1379	1118	1308	*	*	1308
09:00	789	777	782	814	776	788	*	*	788
10:00	502	556	540	544	510	530	*	*	530
11:00	454	485	483	496	494	482	*	*	482
12:00 PM	406	433	460	478	493	454	*	*	454
01:00	481	504	462	542	547	507	*	*	507
02:00	581	596	575	641	643	607	*	*	607
03:00	696	686	689	679	686	687	*	*	687
04:00	662	693	761	734	711	712	*	*	712
05:00	600	622	632	751	689	659	*	*	659
06:00	508	507	631	838	723	641	*	*	641
07:00	363	352	373	554	652	459	*	*	459
08:00	283	310	320	356	348	323	*	*	323
09:00	253	275	301	308	299	287	*	*	287
10:00	203	207	202	259	394	253	*	*	253
11:00	93	134	111	129	190	131	*	*	131
Day Total	11085	11249	11477	12327	11742	11572	0	0	11572
% Avg. WkDay	95.8%	97.2%	99.2%	106.5%	101.5%	100.0%	0.0%	0.0%	
% Avg. Week	95.8%	97.2%	99.2%	106.5%	101.5%	100.0%	0.0%	0.0%	
AM Peak	08:00	07:00	07:00	07:00	07:00	07:00			07:00
Vol.	1398	1408	1362	1387	1167	1342			1342
PM Peak	15:00	16:00	16:00	18:00	18:00	16:00			16:00
Vol.	696	693	761	838	723	712			712
Grand Total	11085	11249	11477	12327	11742	11572	8638	6515	19146
ADT	Not Calculated								

Site Name EB Bedford Av. west of Roberts St.
 Jurisdiction Pgh, PA Job # 05380
 Study Type Volume (ch1)
 Location Code 53810
 Direction East
 Date 11/8/2005
 Real Time 12:13
 Start Date 11/8/2005
 Start Time 13:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 10

Tuesday, November 08, 2005

HR Begin	Week of 11-08-05							Week Day Average	Daily Average
	13 Sunday	14 Monday	8 Tuesday	9 Wednesday	10 Thursday	11 Friday	12 Saturday		
00	36	30	20	18	14	23	37	21.00	25.43
01	23	19	10	15	11	13	30	13.60	17.29
02	21	12	5	9	11	12	24	9.80	13.43
03	10	6	2	5	6	12	10	6.20	7.29
04	12	7	3	6	7	14	6	7.40	7.86
05	6	9	6	11	15	7	8	9.60	8.86
06	9	33	38	36	33	28	12	33.60	27.00
07	37	70	61	75	70	48	20	64.80	54.43
08	34	80	71	90	85	64	28	78.00	64.57
09	92	59	48	68	52	68	52	59.00	62.71
10	59	53	66	80	69	195	47	92.60	81.29
11	66	68	59	59	47	150	72	76.60	74.43
12	61	56	69	76	79	93	54	74.60	69.71
13	60	78	72	78	98	78	54	80.80	74.00
14	55	95	94	92	101	60	67	88.40	80.57
15	41	85	85	94	127	74	68	93.00	82.00
16	51	97	84	101	145	72	65	99.80	87.86
17	61	87	73	84	130	67	81	88.20	83.29
18	42	55	59	84	63	74	49	67.00	60.86
19	47	53	49	51	67	55	47	55.00	52.71
20	34	47	50	44	47	62	44	50.00	46.86
21	20	48	35	44	62	41	73	46.00	46.14
22	20	91	31	45	107	66	83	68.00	63.29
23	34	34	26	28	36	37	28	32.20	31.86
	931	1272	1116	1293	1482	1413	1059	1315.20	1223.71 Total

% Average Weekday	70.79	96.72	84.85	98.31	112.68	107.44	80.52
% Average Day	76.08	103.95	91.20	105.66	121.11	115.47	86.54
AM Peak Hour	09:00	08:00	08:00	08:00	08:00	10:00	11:00
AM Peak Hour Total	92	80	71	90	85	195	72
PM Peak Hour	12:00	16:00	14:00	16:00	16:00	12:00	22:00
PM Peak Hour Total	61	97	94	101	145	93	83

Site Name WB Bedford Av. west of Roberts St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53811
 Direction West
 Date 11/8/2005
 Real Time 11:55
 Start Date 11/8/2005
 Start Time 12:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 11

Tuesday, November 08, 2005

Week of 11-08-05									
HR	13	14	8	9	10	11	12	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	23	25	20	15	16	22	26	19.60	21.00
01	26	13	11	9	16	14	29	12.60	16.86
02	19	7	8	10	9	20	14	10.80	12.43
03	13	11	3	9	6	6	6	7.00	7.71
04	6	4	7	7	7	15	17	8.00	9.00
05	4	15	18	12	17	17	7	15.80	12.86
06	5	28	33	30	21	28	23	28.00	24.00
07	15	62	56	71	64	57	21	62.00	49.43
08	23	77	83	83	73	70	42	77.20	64.43
09	61	79	54	56	46	76	60	62.20	61.71
10	45	74	61	62	59	206	62	92.40	81.29
11	83	64	62	62	53	188	50	85.80	80.29
12	78	95	42	82	62	96	76	75.40	75.86
13	106	81	88	91	75	89	70	84.80	85.71
14	74	97	96	96	95	80	114	92.80	93.14
15	53	104	97	115	99	0	84	83.00	78.86
16	69	115	88	103	131	89	65	105.20	94.29
17	59	84	78	78	173	76	78	97.80	89.43
18	64	79	73	67	146	79	65	88.80	81.86
19	63	66	67	59	115	60	60	73.40	70.00
20	44	70	57	79	56	67	49	65.80	60.29
21	22	29	77	46	43	59	44	50.80	45.71
22	24	39	47	42	62	47	48	47.40	44.14
23	24	27	30	28	20	29	39	26.80	28.14
	1003	1345	1256	1312	1464	1490	1149	1373.40	1288.43 Total
% Average Weekday	73.03	97.93	91.45	95.53	106.60	108.49	83.66		
% Average Day	77.85	104.39	97.48	101.83	113.63	115.64	89.18		
AM Peak Hour	11:00	09:00	08:00	08:00	08:00	10:00	10:00		
AM Peak Hour Total	83	79	83	83	73	206	62		
PM Peak Hour	13:00	16:00	15:00	15:00	17:00	12:00	14:00		
PM Peak Hour Total	106	115	97	115	173	96	114		

Site Name Eb Webster Av. West of Roberts St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53812
 Direction East
 Date 11/8/2005
 Real Time 12:59
 Start Date 11/8/2005
 Start Time 13:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 12

Tuesday, November 08, 2005

HR Begin	Week of 11-08-05							Week Day Average	Daily Average
	13 Sunday	14 Monday	8 Tuesday	9 Wednesday	10 Thursday	11 Friday	12 Saturday		
00	13	9	10	2	4	4	17	5.80	8.43
01	13	2	0	1	2	6	7	2.20	4.43
02	5	1	0	2	1	3	9	1.40	3.00
03	3	1	3	0	1	1	1	1.20	1.43
04	1	0	1	1	0	0	0	0.40	0.43
05	0	2	6	2	3	4	2	3.40	2.71
06	4	10	12	13	9	7	7	10.20	8.86
07	9	31	28	30	25	17	8	26.20	21.14
08	11	29	29	29	27	17	12	26.20	22.00
09	21	23	20	25	20	17	15	21.00	20.14
10	28	19	30	20	28	63	33	32.00	31.57
11	25	27	29	19	24	57	22	31.20	29.00
12	27	35	29	25	28	35	22	30.40	28.71
13	21	39	28	32	31	37	28	33.40	30.86
14	32	40	44	37	53	31	27	41.00	37.71
15	24	39	37	40	40	31	24	37.40	33.57
16	15	47	45	51	40	39	25	44.40	37.43
17	21	39	46	41	40	33	36	39.80	36.57
18	18	22	34	29	31	31	30	29.40	27.86
19	16	24	27	28	31	30	23	28.00	25.57
20	16	27	15	24	19	19	15	20.80	19.29
21	7	15	25	17	18	26	25	20.20	19.00
22	6	25	11	15	42	17	33	22.00	21.29
23	11	13	12	11	10	18	8	12.80	11.86
	347	519	521	494	527	543	429	520.80	482.86 Total

% Average Weekday	66.63	99.65	100.04	94.85	101.19	104.26	82.37
% Average Day	71.86	107.49	107.90	102.31	109.14	112.46	88.85
AM Peak Hour	10:00	07:00	10:00	07:00	10:00	10:00	10:00
AM Peak Hour Total	28	31	30	30	28	63	33
PM Peak Hour	14:00	16:00	17:00	16:00	14:00	16:00	17:00
PM Peak Hour Total	32	47	46	51	53	39	36

Site Name WB Webster Av. west of Roberts St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53813
 Direction West
 Date 11/8/2005
 Real Time 12:38
 Start Date 11/8/2005
 Start Time 13:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 13

Tuesday, November 08, 2005

Week of 11-08-05									
HR	13	14	8	9	10	11	12	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	8	8	7	5	4	2	12	5.20	6.57
01	10	4	1	2	2	3	12	2.40	4.86
02	10	4	1	4	2	4	5	3.00	4.29
03	2	2	0	1	0	2	3	1.00	1.43
04	1	3	3	2	2	1	2	2.20	2.00
05	2	7	9	6	5	8	7	7.00	6.29
06	1	16	17	20	20	14	8	17.40	13.71
07	6	39	39	48	41	24	13	38.20	30.00
08	17	28	32	32	35	20	14	29.40	25.43
09	27	14	28	29	22	20	18	22.60	22.57
10	20	25	29	28	24	16	35	24.40	25.29
11	33	27	32	29	28	38	32	30.80	31.29
12	33	31	34	35	23	31	38	30.80	32.14
13	38	30	32	31	40	34	28	33.40	33.29
14	40	43	46	39	44	28	30	40.00	38.57
15	24	44	33	34	37	20	29	33.60	31.57
16	21	57	32	41	43	39	24	42.40	36.71
17	27	57	45	48	67	39	41	51.20	46.29
18	20	45	25	43	51	37	37	40.20	36.86
19	16	33	32	29	33	24	29	30.20	28.00
20	14	26	29	23	21	25	20	24.80	22.57
21	10	17	12	13	29	22	20	18.60	17.57
22	13	17	21	24	29	30	16	24.20	21.43
23	7	12	13	9	10	22	19	13.20	13.14
	400	589	552	575	612	503	492	566.20	531.86 Total

% Average Weekday	70.65	104.03	97.49	101.55	108.09	88.84	86.90
% Average Day	75.21	110.74	103.79	108.11	115.07	94.57	92.51
AM Peak Hour	11:00	07:00	07:00	07:00	07:00	11:00	10:00
AM Peak Hour Total	33	39	39	48	41	38	35
PM Peak Hour	14:00	16:00	14:00	17:00	17:00	16:00	17:00
PM Peak Hour Total	40	57	46	48	67	39	41

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 05380 14=EB 15=WB
 Station ID: Trax # 12488
 Wylie Av. btwn. Arthur St. & Roberts St.
 Pgh. PA. Job # 05380

Start Time	07-Nov-05		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	3	5	3	6	7	4	6	4	27	16	6	9	9	7
01:00	*	*	1	3	3	0	1	7	2	3	15	21	11	7	6	7
02:00	*	*	3	1	2	0	1	11	6	7	11	5	8	7	5	5
03:00	*	*	5	1	3	1	1	0	2	3	2	4	4	3	3	2
04:00	*	*	3	4	1	5	0	3	7	3	3	11	3	2	3	5
05:00	*	*	4	4	4	5	0	3	6	0	6	2	5	6	4	3
06:00	*	*	8	11	15	11	17	9	14	6	7	1	1	4	10	7
07:00	*	*	33	30	22	33	27	33	26	19	10	6	17	6	22	21
08:00	*	*	29	30	38	41	45	44	24	18	15	19	12	11	27	27
09:00	*	*	24	25	30	22	20	19	30	30	18	17	25	22	24	22
10:00	*	*	24	20	35	31	35	33	39	31	29	16	51	13	36	24
11:00	*	*	32	22	36	24	24	31	56	44	39	31	36	30	37	30
12:00 PM	*	*	38	23	23	28	29	24	36	31	33	30	22	36	30	29
01:00	*	*	30	27	31	36	26	38	42	15	32	32	35	63	33	35
02:00	*	*	40	34	35	30	44	41	38	42	33	37	26	35	36	36
03:00	*	*	36	32	31	28	45	43	36	35	14	40	19	33	30	35
04:00	*	*	39	43	59	43	40	42	38	28	38	28	22	35	39	36
05:00	*	*	38	37	37	62	39	49	44	41	35	36	14	30	34	42
06:00	*	*	26	31	33	36	35	41	23	30	26	21	19	27	27	31
07:00	*	*	33	18	26	25	25	28	18	32	22	26	19	28	24	26
08:00	*	*	20	23	16	28	19	19	20	18	14	23	9	16	16	21
09:00	*	*	16	9	18	18	23	20	16	28	20	21	9	16	17	19
10:00	*	*	14	13	12	15	44	20	21	23	29	17	4	14	21	17
11:00	*	*	6	10	9	9	18	9	21	7	16	17	10	16	13	11
Lane	0	0	505	456	522	537	566	571	571	498	494	477	387	469	506	498
Day	0	0	961	1137	1059	1069	856	1004	1004	1004	971	856	1004	1004	1004	1004
AM Peak	07:00	07:00	08:00	08:00	08:00	08:00	08:00	08:00	11:00	11:00	11:00	11:00	10:00	11:00	11:00	11:00
PM Peak	14:00	16:00	16:00	17:00	17:00	17:00	17:00	14:00	14:00	14:00	16:00	15:00	13:00	13:00	16:00	17:00
Vol.	33	30	38	41	45	44	44	44	56	44	39	31	51	30	37	30
PM Peak	40	43	59	62	45	49	44	42	44	42	38	40	35	63	39	42
Vol.																

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 05380 14=EB 15=WB
 Station ID: Trax # 12488
 Wylie Av. btwn. Arthur St. & Roberts St.
 Pgh. PA. Job # 05380

Start Time	14-Nov-05		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	13	12	*	*	*	*	*	*	*	*	*	*	*	*	13	12
01:00	4	3	*	*	*	*	*	*	*	*	*	*	*	*	4	3
02:00	2	2	*	*	*	*	*	*	*	*	*	*	*	*	2	2
03:00	3	2	*	*	*	*	*	*	*	*	*	*	*	*	3	2
04:00	1	3	*	*	*	*	*	*	*	*	*	*	*	*	1	3
05:00	3	6	*	*	*	*	*	*	*	*	*	*	*	*	3	6
06:00	12	7	*	*	*	*	*	*	*	*	*	*	*	*	12	7
07:00	34	34	*	*	*	*	*	*	*	*	*	*	*	*	34	34
08:00	45	31	*	*	*	*	*	*	*	*	*	*	*	*	45	31
09:00	34	28	*	*	*	*	*	*	*	*	*	*	*	*	34	28
10:00	39	18	*	*	*	*	*	*	*	*	*	*	*	*	39	18
11:00	19	39	*	*	*	*	*	*	*	*	*	*	*	*	19	39
12:00 PM	31	38	*	*	*	*	*	*	*	*	*	*	*	*	31	38
01:00	35	23	*	*	*	*	*	*	*	*	*	*	*	*	35	23
02:00	30	39	*	*	*	*	*	*	*	*	*	*	*	*	30	39
03:00	42	47	*	*	*	*	*	*	*	*	*	*	*	*	42	47
04:00	37	43	*	*	*	*	*	*	*	*	*	*	*	*	37	43
05:00	40	37	*	*	*	*	*	*	*	*	*	*	*	*	40	37
06:00	23	19	*	*	*	*	*	*	*	*	*	*	*	*	23	19
07:00	21	16	*	*	*	*	*	*	*	*	*	*	*	*	21	16
08:00	14	25	*	*	*	*	*	*	*	*	*	*	*	*	14	25
09:00	22	8	*	*	*	*	*	*	*	*	*	*	*	*	22	8
10:00	30	9	*	*	*	*	*	*	*	*	*	*	*	*	30	9
11:00	12	12	*	*	*	*	*	*	*	*	*	*	*	*	12	12
Lane	546	501	0	0	0	0	0	0	0	0	0	0	0	0	546	501
Day	1047		0	0	0	0	0	0	0	0	0	0	0	0	1047	
AM Peak	08:00	11:00													08:00	11:00
Vol.	45	39													45	39
PM Peak	15:00	15:00													15:00	15:00
Vol.	42	47													42	47
Comb. Total	1047		961		1059		1137		1069		971		856		2051	
ADT			Not Calculated													

Site Name EB Centre Av. east of Roberts St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53816
 Direction East
 Date 11/8/2005
 Real Time 15:05
 Start Date 11/8/2005
 Start Time 16:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 16

Tuesday, November 08, 2005

Week of 11-08-05									
HR	13	14	8	9	10	11	12	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	88	60	37	37	38	61	94	46.60	59.29
01	77	37	30	22	16	44	80	29.80	43.71
02	66	32	12	22	24	42	41	26.40	34.14
03	27	25	10	10	12	16	25	14.60	17.86
04	29	14	19	19	26	22	22	20.00	21.57
05	13	27	34	42	25	25	22	30.60	26.86
06	25	97	99	102	101	83	41	96.40	78.29
07	33	184	170	210	186	132	59	176.40	139.14
08	51	239	210	196	219	170	76	206.80	165.86
09	88	173	143	199	182	161	124	171.60	152.86
10	147	197	174	179	182	303	144	207.00	189.43
11	154	168	188	198	179	320	163	210.60	195.71
12	120	193	195	166	198	191	180	188.60	177.57
13	145	183	185	213	213	200	163	198.80	186.00
14	132	239	234	222	243	171	185	221.80	203.71
15	154	248	234	224	260	211	188	235.40	217.00
16	119	249	223	264	256	216	200	241.60	218.14
17	115	215	214	261	257	214	201	232.20	211.00
18	121	159	155	211	167	153	139	169.00	157.86
19	96	105	138	148	152	162	140	141.00	134.43
20	71	111	112	117	119	127	128	117.20	112.14
21	46	99	105	112	111	102	167	105.80	106.00
22	62	277	71	76	375	171	295	194.00	189.57
23	59	65	57	69	86	117	120	78.80	81.86
	2038	3396	3049	3319	3627	3414	2997	3361.00	3120.00 Total
% Average Weekday	60.64	101.04	90.72	98.75	107.91	101.58	89.17		
% Average Day	65.32	108.85	97.72	106.38	116.25	109.42	96.06		
AM Peak Hour	11:00	08:00	08:00	07:00	08:00	11:00	11:00		
AM Peak Hour Total	154	239	210	210	219	320	163		
PM Peak Hour	15:00	22:00	14:00	16:00	22:00	16:00	22:00		
PM Peak Hour Total	154	277	234	264	375	216	295		

Site Name WB Centre Av. east of Roberts St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53817
 Direction West
 Date 11/8/2005
 Real Time 15:15
 Start Date 11/8/2005
 Start Time 16:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 17

Tuesday, November 08, 2005

Week of 11-08-05									
HR	13	14	8	9	10	11	12	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	71	46	34	32	31	38	64	36.20	45.14
01	92	26	25	19	21	27	37	23.60	35.29
02	57	18	15	16	20	34	40	20.60	28.57
03	17	21	13	15	17	24	37	18.00	20.57
04	29	12	15	12	21	11	27	14.20	18.14
05	16	24	28	40	33	28	31	30.60	28.57
06	35	58	61	79	76	67	29	68.20	57.86
07	28	145	120	153	137	106	58	132.20	106.71
08	41	201	163	189	186	127	74	173.20	140.14
09	70	124	99	120	129	126	111	119.60	111.29
10	78	157	127	149	140	129	101	140.40	125.86
11	95	137	164	136	145	134	129	143.20	134.29
12	116	162	163	159	165	172	153	164.20	155.71
13	160	193	165	187	193	161	151	179.80	172.86
14	140	197	203	209	223	180	136	202.40	184.00
15	131	242	210	231	250	189	159	224.40	201.71
16	165	233	223	278	238	222	170	238.80	218.43
17	95	243	233	288	246	225	135	247.00	209.29
18	123	167	142	166	210	156	170	168.20	162.00
19	124	124	129	148	170	141	129	142.40	137.86
20	73	86	131	118	105	113	114	110.60	105.71
21	41	92	83	102	109	114	111	100.00	93.14
22	50	67	80	73	78	114	114	82.40	82.29
23	43	47	44	52	69	85	86	59.40	60.86
	1890	2822	2670	2971	3012	2723	2366	2839.60	2636.29 Total
% Average Weekday	66.56	99.38	94.03	104.63	106.07	95.89	83.32		
% Average Day	71.69	107.04	101.28	112.70	114.25	103.29	89.75		
AM Peak Hour	11:00	08:00	11:00	08:00	08:00	11:00	11:00		
AM Peak Hour Total	95	201	164	189	186	134	129		
PM Peak Hour	16:00	17:00	17:00	17:00	15:00	17:00	16:00		
PM Peak Hour Total	165	243	233	288	250	225	170		

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 05380 18=NB 19=SB
 Station ID: Trax # 12596
 Dinwiddie St. btwn Centre Av. & Rose St.
 Pgh, PA. Job # 05380

Start Time	07-Nov-05		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	34	24	35	23	35	29	40	55	56	56	60	71	43	43
01:00	*	*	31	23	24	34	25	28	36	33	54	57	39	76	35	42
02:00	*	*	18	14	21	19	21	10	30	24	46	36	49	45	31	25
03:00	*	*	13	11	17	16	18	8	37	27	43	28	44	24	29	19
04:00	*	*	15	16	20	20	15	15	39	17	31	19	34	18	26	18
05:00	*	*	28	26	28	19	23	20	25	24	31	15	26	20	27	21
06:00	*	*	42	24	39	32	34	27	34	32	20	14	15	14	31	24
07:00	*	*	76	52	81	61	84	64	75	45	46	28	53	25	69	46
08:00	*	*	92	76	96	85	105	66	67	63	44	44	48	23	76	60
09:00	*	*	104	73	81	69	98	90	100	67	63	49	115	39	94	64
10:00	*	*	107	102	94	73	101	82	145	109	116	57	93	59	109	80
11:00	*	*	124	108	95	104	105	92	133	128	116	73	111	76	114	97
12:00 PM	*	*	118	98	106	100	136	114	123	113	127	90	90	84	117	100
01:00	*	*	111	112	110	107	134	117	106	93	119	84	100	80	113	99
02:00	*	*	131	131	117	118	136	148	123	95	116	97	81	68	117	110
03:00	*	*	126	115	98	107	133	116	115	126	107	82	89	54	111	100
04:00	*	*	112	118	124	135	150	114	128	120	101	106	79	69	116	110
05:00	*	*	134	93	151	101	127	111	128	117	108	101	84	70	122	99
06:00	*	*	106	83	158	75	142	119	113	96	111	72	93	61	120	84
07:00	*	*	87	55	84	75	116	89	118	78	116	88	80	32	100	70
08:00	*	*	93	64	58	74	77	76	106	64	86	90	70	46	82	69
09:00	*	*	57	62	60	60	72	61	88	67	91	95	35	27	67	62
10:00	*	*	63	49	56	44	87	154	96	91	76	120	39	33	70	82
11:00	*	*	41	43	59	44	63	53	64	90	83	85	48	32	60	58
Lane	0	0	1863	1572	1812	1595	2037	1803	2069	1774	1912	1586	1575	1146	1879	1582
Day	AM	AM	3435	3407	3840	3843	3498	2721	3461							
Peak	11:00	11:00	08:00	11:00	08:00	11:00	11:00	10:00	10:00	11:00	10:00	11:00	09:00	01:00	11:00	11:00
Vol.	124	108	96	104	105	92	145	128	116	73	115	76	114	97		
PM	17:00	14:00	18:00	16:00	16:00	16:00	15:00	12:00	12:00	22:00	12:00	22:00	13:00	12:00	17:00	14:00
Peak	134	131	158	135	150	154	126	128	127	120	100	84	122	110		
Vol.																

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 05380 18=NB 19=SB
 Station ID: Trax # 12596
 Dinwiddie St. btwn Centre Av. & Rose St.
 Pgh, PA. Job # 05380

Start Time	14-Nov-05		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	44	38	*	*	*	*	*	*	*	*	*	*	*	*	44	38
01:00	29	13	*	*	*	*	*	*	*	*	*	*	*	*	29	13
02:00	24	24	*	*	*	*	*	*	*	*	*	*	*	*	24	24
03:00	23	16	*	*	*	*	*	*	*	*	*	*	*	*	23	16
04:00	11	12	*	*	*	*	*	*	*	*	*	*	*	*	11	12
05:00	16	19	*	*	*	*	*	*	*	*	*	*	*	*	16	19
06:00	38	29	*	*	*	*	*	*	*	*	*	*	*	*	38	29
07:00	81	56	*	*	*	*	*	*	*	*	*	*	*	*	81	56
08:00	99	68	*	*	*	*	*	*	*	*	*	*	*	*	99	68
09:00	91	82	*	*	*	*	*	*	*	*	*	*	*	*	91	82
10:00	96	87	*	*	*	*	*	*	*	*	*	*	*	*	96	87
11:00	108	106	*	*	*	*	*	*	*	*	*	*	*	*	108	106
12:00 PM	113	104	*	*	*	*	*	*	*	*	*	*	*	*	113	104
01:00	107	96	*	*	*	*	*	*	*	*	*	*	*	*	107	96
02:00	130	124	*	*	*	*	*	*	*	*	*	*	*	*	130	124
03:00	119	108	*	*	*	*	*	*	*	*	*	*	*	*	119	108
04:00	133	122	*	*	*	*	*	*	*	*	*	*	*	*	133	122
05:00	152	98	*	*	*	*	*	*	*	*	*	*	*	*	152	98
06:00	78	71	*	*	*	*	*	*	*	*	*	*	*	*	78	71
07:00	85	74	*	*	*	*	*	*	*	*	*	*	*	*	85	74
08:00	78	82	*	*	*	*	*	*	*	*	*	*	*	*	78	82
09:00	71	56	*	*	*	*	*	*	*	*	*	*	*	*	71	56
10:00	57	104	*	*	*	*	*	*	*	*	*	*	*	*	57	104
11:00	39	44	*	*	*	*	*	*	*	*	*	*	*	*	39	44
Lane	1822	1633	0	0	0	0	0	0	0	0	0	0	0	0	1822	1633
Day	3455		0	0	0	0	0	0	0	0	0	0	0	0	3455	
AM Peak	11:00	11:00													11:00	11:00
PM Peak	17:00	14:00													17:00	14:00
Vol.	108	106													108	106
Vol.	152	124													152	124
Comb. Total	3455		3435	3407	3840	3843	3498	2721	6916							
ADT	Not Calculated															

Site Name Forbes Av. west of Stevenson St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53820
 Direction East
 Date 11/9/2005
 Real Time 09:58
 Start Date 11/9/2005
 Start Time 10:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 20

Wednesday, November 09, 2005

Week of 11-09-05									
HR	13	14	15	9	10	11	12	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	242	313	92	131	135	168	221	167.80	186.00
01	178	106	59	91	91	152	191	99.80	124.00
02	188	70	46	69	52	126	167	72.60	102.57
03	82	44	42	31	37	54	95	41.60	55.00
04	61	73	77	77	75	100	61	80.40	74.86
05	61	201	196	198	201	187	98	196.60	163.14
06	195	467	490	488	471	469	245	477.00	403.57
07	113	656	639	634	698	613	199	648.00	507.43
08	120	670	687	698	682	555	232	658.40	520.57
09	168	654	727	641	671	554	301	649.40	530.86
10	237	617	757	618	629	711	315	666.40	554.86
11	281	604	741	687	620	834	404	697.20	595.86
12	385	659	652	705	704	798	451	703.60	622.00
13	367	704	735	696	783	705	458	724.60	635.43
14	419	818	799	820	801	828	430	813.20	702.14
15	375	793	783	758	800	714	494	769.60	673.86
16	417	847	940	925	952	739	517	880.60	762.43
17	374	882	845	816	910	738	496	838.20	723.00
18	375	700	630	711	870	560	576	694.20	631.71
19	341	596	451	517	736	455	528	551.00	517.71
20	276	428	474	474	435	344	324	431.00	393.57
21	186	332	368	402	413	352	430	373.40	354.71
22	212	634	333	372	803	513	692	531.00	508.43
23	212	193	211	185	217	310	308	223.20	233.71
	5865	12061	11774	11744	12786	11579	8233	11988.80	10577.43 Total
% Average Weekday	48.92	100.60	98.21	97.96	106.65	96.58	68.67		
% Average Day	55.45	114.03	111.31	111.03	120.88	109.47	77.84		
AM Peak Hour	11:00	08:00	10:00	08:00	07:00	11:00	11:00		
AM Peak Hour Total	281	670	757	698	698	834	404		
PM Peak Hour	14:00	17:00	16:00	16:00	16:00	14:00	22:00		
PM Peak Hour Total	419	882	940	925	952	828	692		

Site Name Fifth Av. East of Stevenson St.
 Jurisdiction Pgh, PA. Job # 05380
 Study Type Volume (ch1)
 Location Code 53821
 Direction West
 Date 11/9/2005
 Real Time 10:19
 Start Date 11/9/2005
 Start Time 11:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 21

Wednesday, November 09, 2005

		Week of 11-09-05								
HR		13	14	15	9	10	11	12	Week Day	Daily
Begin		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00		387	187	130	128	167	208	300	164.00	215.29
01		268	110	83	85	100	152	235	106.00	147.57
02		228	65	66	91	64	147	181	86.60	120.29
03		104	37	37	46	38	71	105	45.80	62.57
04		62	69	50	56	57	60	56	58.40	58.57
05		69	161	168	151	162	142	88	156.80	134.43
06		92	363	356	367	368	305	141	351.80	284.57
07		114	684	667	710	735	593	199	677.80	528.86
08		125	867	904	921	857	660	278	841.80	658.86
09		187	640	676	663	656	621	318	651.20	537.29
10		236	599	616	648	615	660	439	627.60	544.71
11		291	617	622	633	634	761	446	653.40	572.00
12		354	614	616	648	615	720	436	642.60	571.86
13		401	576	646	651	669	620	477	632.40	577.14
14		429	669	675	626	716	640	461	665.20	602.29
15		428	718	770	709	798	730	532	745.00	669.29
16		565	762	815	760	814	742	527	778.60	712.14
17		453	765	746	535	792	656	542	698.80	641.29
18		442	606	472	419	804	520	312	564.20	510.71
19		351	483	418	370	620	514	509	481.00	466.43
20		282	346	381	408	411	396	416	388.40	377.14
21		194	285	305	354	363	414	432	344.20	335.29
22		179	350	220	230	411	489	516	340.00	342.14
23		160	199	245	201	279	411	440	267.00	276.43
		6401	10772	10684	10410	11745	11232	8386	10968.60	9947.14 Total
% Average Weekday		58.36	98.21	97.41	94.91	107.08	102.40	76.45		
% Average Day		64.35	108.29	107.41	104.65	118.07	112.92	84.31		
AM Peak Hour		00:00	08:00	08:00	08:00	08:00	11:00	11:00		
AM Peak Hour Total		387	867	904	921	857	761	446		
PM Peak Hour		16:00	17:00	16:00	16:00	16:00	16:00	17:00		
PM Peak Hour Total		565	765	815	760	814	742	542		

Site Name NB Washington Pl. north of 5th Av.
 Jurisdiction Pgh., PA. Job#05380
 Study Type Volume (ch1)
 Location Code 2200
 Direction North
 Date 11/15/2005
 Real Time 13:56
 Start Date 11/15/2005
 Start Time 14:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 22

Tuesday, November 15, 2005

Week of 11-15-05									
HR	20	21	15	16	17	18	19	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	200	58	81	85	80	102	214	81.20	117.14
01	145	45	58	44	68	87	165	60.40	87.43
02	152	17	34	43	43	74	153	42.20	73.71
03	51	22	23	35	30	37	56	29.40	36.29
04	25	43	35	40	44	43	39	41.00	38.43
05	26	116	111	118	131	127	44	120.60	96.14
06	61	322	315	320	327	332	126	323.20	257.57
07	90	475	471	467	543	491	229	489.40	395.14
08	94	498	523	511	510	504	207	509.20	406.71
09	142	381	404	410	342	410	238	389.40	332.43
10	203	330	371	377	396	479	298	390.60	350.57
11	205	398	393	427	433	531	356	436.40	391.86
12	267	497	445	461	480	640	401	504.60	455.86
13	216	537	366	453	531	656	343	508.60	443.14
14	220	598	476	611	591	757	399	606.60	521.71
15	190	654	761	727	702	808	422	730.40	609.14
16	221	773	876	809	873	824	359	831.00	676.43
17	256	621	692	641	702	737	417	678.60	580.86
18	219	479	514	474	453	515	477	487.00	447.29
19	166	301	413	414	436	340	432	380.80	357.43
20	150	315	459	415	380	317	191	377.20	318.14
21	138	197	282	281	302	310	334	274.40	263.43
22	113	149	197	215	233	317	398	222.20	231.71
23	96	115	166	142	165	261	250	169.80	170.71
	3646	7941	8466	8520	8795	9699	6548	8684.20	7659.29 Total

% Average Weekday	41.98	91.44	97.49	98.11	101.28	111.69	75.40
% Average Day	47.60	103.68	110.53	111.24	114.83	126.63	85.49
AM Peak Hour	11:00	08:00	08:00	08:00	07:00	11:00	11:00
AM Peak Hour Total	205	498	523	511	543	531	356
PM Peak Hour	12:00	16:00	16:00	16:00	16:00	16:00	18:00
PM Peak Hour Total	267	773	876	809	873	824	477

Site Name SB Washington Pl. north of 5th Av.
 Jurisdiction Pgh., PA. Job#05380
 Study Type Volume (ch1)
 Location Code 2300
 Direction South
 Date 11/15/2005
 Real Time 13:54
 Start Date 11/15/2005
 Start Time 14:00
 Sample Time 01:00
 Operator Number 55
 Machine Number 23

Tuesday, November 15, 2005

Week of 11-15-05									
HR	20	21	15	16	17	18	19	Week Day	Daily
Begin	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average	Average
00	79	19	39	48	52	47	70	41.00	50.57
01	38	17	21	26	25	35	54	24.80	30.86
02	40	16	22	15	16	21	69	18.00	28.43
03	31	12	13	19	20	25	33	17.80	21.86
04	17	23	24	31	35	31	19	28.80	25.71
05	30	82	100	105	98	91	30	95.20	76.57
06	69	242	229	247	253	277	116	249.60	204.71
07	67	421	447	477	458	472	181	455.00	360.43
08	102	505	567	596	537	553	137	551.60	428.14
09	98	269	411	410	361	415	179	373.20	306.14
10	140	248	266	274	302	288	192	275.60	244.29
11	152	247	317	288	314	340	249	301.20	272.43
12	160	273	317	326	334	425	235	335.00	292.71
13	133	266	339	283	333	307	242	305.60	271.86
14	120	362	352	357	315	352	203	347.60	294.43
15	121	371	358	429	398	465	215	404.20	336.71
16	125	398	449	508	556	510	201	484.20	392.43
17	149	392	488	523	547	554	253	500.80	415.14
18	148	259	283	286	337	336	207	300.20	265.14
19	123	175	225	225	221	204	218	210.00	198.71
20	87	158	196	208	205	166	147	186.60	166.71
21	81	107	147	163	158	162	316	147.40	162.00
22	70	83	125	118	145	201	669	134.40	201.57
23	52	56	65	70	101	135	183	85.40	94.57
	2232	5001	5800	6032	6121	6412	4418	5873.20	5145.14 Total
% Average Weekday	38.00	85.15	98.75	102.70	104.22	109.17	75.22		
% Average Day	43.38	97.20	112.73	117.24	118.97	124.62	85.87		
AM Peak Hour	11:00	08:00	08:00	08:00	08:00	08:00	11:00		
AM Peak Hour Total	152	505	567	596	537	553	249		
PM Peak Hour	12:00	16:00	17:00	17:00	16:00	17:00	22:00		
PM Peak Hour Total	160	398	488	523	556	554	669		

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 5380 #24 NB #25 SB
 Station ID: AYHPL00 #05380
 Stevenson south of Forbes,
 Pgh., PA. Job#05380 Trax#12461

Start Time	14-Nov-05		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	37	30	41	52	41	49	46	55	39	29	14	44	34		
01:00	*	24	17	22	18	26	48	48	30	36	11	10	27	25		
02:00	*	10	8	1	16	22	33	49	37	26	17	11	20	23		
03:00	*	10	10	12	6	7	9	22	17	20	7	4	13	23		
04:00	*	11	20	24	27	19	25	22	18	12	13	4	16	18		
05:00	*	51	42	47	39	46	38	46	16	21	5	21	34	34		
06:00	*	97	121	102	92	112	104	102	51	109	30	93	83	102		
07:00	*	229	134	217	152	198	227	127	90	72	49	42	168	119		
08:00	*	239	176	283	151	225	264	168	98	69	16	29	188	129		
09:00	*	165	177	166	208	191	182	191	92	84	26	26	137	145		
10:00	*	168	182	162	192	167	204	183	92	91	39	49	139	146		
11:00	*	154	155	173	141	144	214	225	88	82	61	42	139	133		
12:00 PM	*	132	141	145	143	185	239	234	89	90	72	51	144	137		
01:00	*	186	206	161	180	253	255	275	112	63	57	43	171	164		
02:00	*	178	169	163	176	284	288	260	95	95	62	74	178	162		
03:00	*	172	134	158	157	201	264	237	107	68	61	38	160	133		
04:00	*	188	159	178	163	208	253	217	95	53	58	51	163	143		
05:00	*	157	148	138	141	204	228	159	112	61	51	46	148	124		
06:00	*	114	181	129	175	163	175	192	147	102	62	68	132	151		
07:00	*	135	115	146	122	150	158	107	111	57	56	45	126	97		
08:00	*	127	118	113	116	160	131	96	76	35	50	31	110	88		
09:00	*	98	89	114	91	133	104	69	70	60	28	27	91	76		
10:00	*	92	115	99	109	118	126	107	86	126	42	40	94	101		
11:00	*	81	48	95	52	100	78	67	48	27	31	21	72	52		
Lane	0	2855	2695	2889	2701	3368	3057	3249	1832	1498	933	880	2597	2348		
Day	0	5550		5590		6425		6949	3330		1813		4945			
AM	08:00	10:00	08:00	09:00	08:00	07:00	08:00	11:00	08:00	06:00	11:00	06:00	08:00	10:00		
Peak	239	182	283	208	225	185	264	225	98	109	61	93	188	146		
Vol.	16:00	13:00	16:00	13:00	14:00	13:00	14:00	13:00	18:00	22:00	12:00	14:00	14:00	13:00		
PM	188	206	178	180	284	217	288	275	147	126	72	74	178	164		
Peak																
Vol.																

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

Site Code: 5380 #24 NB #25 SB
 Station ID: AYHPL00 #05380
 Stevenson south of Forbes,
 Pgh., PA. Job#05380 Trax#12461

Start Time	21-Nov-05		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	18	13	*	*	*	*	*	*	*	*	*	*	*	*	18	13
01:00	3	4	*	*	*	*	*	*	*	*	*	*	*	*	3	4
02:00	6	8	*	*	*	*	*	*	*	*	*	*	*	*	6	8
03:00	9	6	*	*	*	*	*	*	*	*	*	*	*	*	9	6
04:00	14	22	*	*	*	*	*	*	*	*	*	*	*	*	14	22
05:00	43	32	*	*	*	*	*	*	*	*	*	*	*	*	43	32
06:00	84	117	*	*	*	*	*	*	*	*	*	*	*	*	84	117
07:00	207	117	*	*	*	*	*	*	*	*	*	*	*	207	117	
08:00	241	179	*	*	*	*	*	*	*	*	*	*	*	241	179	
09:00	158	150	*	*	*	*	*	*	*	*	*	*	*	158	150	
10:00	124	135	*	*	*	*	*	*	*	*	*	*	*	124	135	
11:00	106	95	*	*	*	*	*	*	*	*	*	*	*	106	95	
12:00 PM	148	128	*	*	*	*	*	*	*	*	*	*	*	148	128	
01:00	124	117	*	*	*	*	*	*	*	*	*	*	*	124	117	
02:00	149	126	*	*	*	*	*	*	*	*	*	*	*	149	126	
03:00	130	103	*	*	*	*	*	*	*	*	*	*	*	130	103	
04:00	160	120	*	*	*	*	*	*	*	*	*	*	*	160	120	
05:00	107	130	*	*	*	*	*	*	*	*	*	*	*	107	130	
06:00	88	97	*	*	*	*	*	*	*	*	*	*	*	88	97	
07:00	64	55	*	*	*	*	*	*	*	*	*	*	*	64	55	
08:00	47	47	*	*	*	*	*	*	*	*	*	*	*	47	47	
09:00	45	30	*	*	*	*	*	*	*	*	*	*	*	45	30	
10:00	44	72	*	*	*	*	*	*	*	*	*	*	*	44	72	
11:00	36	27	*	*	*	*	*	*	*	*	*	*	*	36	27	
Lane	2155	1930	0	0	0	0	0	0	0	0	0	0	0	2155	1930	
Day	4085		0	0	0	0	0	0	0	0	0	0	0	4085		
AM Peak	08:00	08:00												08:00	08:00	
Vol.	241	179												241	179	
PM Peak	16:00	17:00												16:00	17:00	
Vol.	160	130												160	130	
Comb. Total	4085	5550	5590	6425	6949	3330	9030									
ADT	Not Calculated		Not Calculated		Not Calculated		Not Calculated		Not Calculated		Not Calculated		Not Calculated		Not Calculated	

APPENDIX B

Turning Movement Counts

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#22_AM
 Site Code : 00000022
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-1824)

Start Time	Southbound						Forbes Ave Westbound						Armstrong Tunnels Northbound						Forbes Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
07:00 AM	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
07:15 AM	0	0	0	0	0		0	0	0	0	0		23	0	97	7	127		0	131	67	16	214	
07:30 AM	0	0	0	0	0		0	0	0	0	0		43	0	113	5	161		0	141	61	12	214	
07:45 AM	0	0	0	0	0		0	0	0	0	0		46	0	145	5	196		0	172	69	15	256	
Total	0	0	0	0	0		0	0	0	0	0		54	0	167	7	228		0	169	75	15	259	
08:00 AM	0	0	0	0	0		0	0	0	0	0		166	0	522	24	712		0	613	272	58	943	
08:15 AM	0	0	0	0	0		0	0	0	0	0		40	0	120	5	165		0	192	92	15	299	
08:30 AM	0	0	0	0	0		0	0	0	0	0		46	0	145	5	196		0	196	84	19	299	
08:45 AM	0	0	0	0	0		0	0	0	0	0		40	0	133	7	180		0	171	66	22	259	
Total	0	0	0	0	0		0	0	0	0	0		41	0	110	5	156		0	164	64	11	239	
Grand Total	0	0	0	0	0		0	0	0	0	0		167	0	508	22	697		0	723	306	67	1096	
Approach %	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		333	0	1030	46	1409		0	1336	578	125	2039	
Total %	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		23.6	0.0	73.1	3.3	40.9		0.0	65.5	28.3	6.1	59.1	

Start Time	Southbound						Forbes Ave Westbound						Armstrong Tunnels Northbound						Forbes Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Intersection 07:30 AM	0	0	0	0	0		0	0	0	0	0		186	0	577		0	729	320		0	1049	1812	
Volume	0	0	0	0	0		0	0	0	0	0		24.4	0.0	75.6		69.5	30.5			0	280	471	
Percent	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		46	0	145		196	84			0	0.962		
Peak Factor	0	0	0	0	0		0	0	0	0	0		07:45 AM	07:45 AM	08:00 AM		0	0	0		0	0	0	
High Int. 6:45:00 AM	0	0	0	0	0		0	0	0	0	0		54	0	167		192	92			0	284		
Volume	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0	0		0	0	0	
Peak Factor	0	0	0	0	0		0	0	0	0	0.863		0	0	0		0	0	0		0	0.923		

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AYHPL00_05380_#20_AM
Site Code : 00000201
Start Date : 11/15/2005
Page No : 1

Groups Printed- All Vehicles (Board # D1-0664)

Start Time	Washington Ave Southbound						Washington Ave Northbound						Fifth Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor	1.0	1.0	1.0	1.0	1.0	Factor	1.0	1.0	1.0	1.0	1.0	Factor	1.0	1.0	1.0	1.0	1.0
07:00 AM	0	27	49	0	76	1	102	24	13	13	140	4	20	73	0	4	97	0
07:15 AM	0	35	48	2	85	6	121	28	9	9	164	2	27	71	0	2	100	0
07:30 AM	0	51	51	0	102	7	147	37	19	19	210	1	23	65	0	1	89	0
07:45 AM	0	40	63	1	104	13	144	34	6	6	197	3	36	90	0	3	129	0
Total	0	153	211	3	367	27	514	123	47	47	711	10	106	299	0	10	415	0
08:00 AM	0	69	64	1	134	10	183	35	17	17	245	1	42	96	0	1	139	0
08:15 AM	0	46	57	0	103	14	170	39	15	15	238	0	42	64	0	0	106	0
08:30 AM	0	56	57	1	114	13	142	52	10	10	217	4	34	66	0	4	104	0
08:45 AM	0	59	34	3	96	9	133	34	15	15	191	5	22	59	0	5	86	0
Total	0	230	212	5	447	46	628	160	57	57	891	10	140	285	0	10	435	0
Grand Total	0	383	423	8	814	73	1142	283	104	104	1602	20	246	584	0	20	850	0
Approch %	0.0	47.1	52.0	1.0		4.6	71.3	17.7	6.5	6.5		2.4	0.0	0.0	0.0	0.0		0.0
Total %	0.0	11.7	13.0	0.2	24.9	2.2	35.0	8.7	3.2	3.2	49.1	0.6	7.5	17.9	0.0	0.6	26.0	0.0

Start Time	Washington Ave Southbound						Washington Ave Northbound						Fifth Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor	1.0	1.0	1.0	1.0	1.0	Factor	1.0	1.0	1.0	1.0	1.0	Factor	1.0	1.0	1.0	1.0	1.0
08:00 Volume	0	211	241	0	452	50	639	160	183	183	849	0	154	316	0	0	470	0
08:00 Percent	0.0	46.7	53.3	0.0		5.9	75.3	18.8	35	35		0.0	32.8	67.2	0.0	0.0		0.0
08:00 Volume	0	69	64	0	133	10	183	35	35	35	228	0	42	96	0	0	138	0
08:00 Peak Factor	0	69	64	0		0.850	183	35	35	35	0.931	0.851	08:00 AM	08:00 AM	08:00 AM	08:00 AM	6:45:00 AM	0.887
High Int. Volume	0	69	64	0	133	10	183	35	35	35	228	0	42	96	0	0	138	0
High Int. Peak Factor	0	69	64	0		0.850	183	35	35	35	0.931	0.851	08:00 AM	08:00 AM	08:00 AM	08:00 AM	6:45:00 AM	0.887
Peak Hour From 07:30 AM to 08:15 AM - Peak 1 of 1	0	206	235	0	441	44	644	145	174	174	833	0	143	315	0	0	458	0
Intersection 07:30 AM Volume	0	46.7	53.3	0.0		5.3	77.3	17.4	35	35		0.0	31.2	68.8	0.0	0.0		0.0
Intersection 07:30 AM Percent	0	69	64	0	133	10	183	35	35	35	228	0	42	96	0	0	138	0
Intersection 07:30 AM Volume	0	69	64	0		0.850	183	35	35	35	0.931	0.851	08:00 AM	08:00 AM	08:00 AM	08:00 AM	6:45:00 AM	0.887
Intersection 07:30 AM Peak Factor	0	69	64	0		0.850	183	35	35	35	0.931	0.851	08:00 AM	08:00 AM	08:00 AM	08:00 AM	6:45:00 AM	0.887
High Int. Volume	0	69	64	0	133	10	183	35	35	35	228	0	42	96	0	0	138	0
High Int. Peak Factor	0	69	64	0		0.850	183	35	35	35	0.931	0.851	08:00 AM	08:00 AM	08:00 AM	08:00 AM	6:45:00 AM	0.887

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AYHPL00_05380_#15_AM
Site Code : 53800015
Start Date : 11/15/2005
Page No : 1

Groups Printed- All Vehicles (Board #D1-1683)

Start Time	Mario Lemieux Pl Southbound					Centre Ave Westbound					Northbound					Centre Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Int. Total
	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	1.0	1.0	1.0	1.0	
07:00 AM	9	1	26	1	37	0	26	1	7	34	0	0	0	0	0	1	97	4	3	105	176
07:15 AM	13	1	50	1	65	0	45	3	1	49	0	0	0	0	0	2	110	7	3	122	236
07:30 AM	14	5	57	0	76	0	63	1	3	67	0	0	0	0	0	3	94	3	3	103	246
07:45 AM	7	1	32	0	40	0	44	2	3	49	0	0	0	0	0	1	85	4	1	91	180
Total	43	8	165	2	218	0	178	7	14	199	0	0	0	0	0	7	386	18	10	421	838
08:00 AM	2	0	21	1	24	0	51	2	3	56	0	0	0	0	0	3	71	2	2	78	158
08:15 AM	7	0	41	1	49	0	61	2	3	66	0	0	0	0	0	3	109	5	4	121	236
08:30 AM	8	0	24	0	32	1	41	1	7	50	0	0	0	0	0	3	72	9	7	91	173
08:45 AM	3	0	18	0	21	0	47	2	4	53	0	0	0	0	0	4	77	2	3	86	160
Total	20	0	104	2	126	1	200	7	17	225	0	0	0	0	0	13	329	18	16	376	727
Grand Total	63	8	269	4	344	1	378	14	31	424	0	0	0	0	0	20	715	36	26	797	1565
Approch %	18.3	2.3	78.2	1.2		0.2	89.2	3.3	7.3		0.0	0.0	0.0	0.0	0.0	2.5	89.7	4.5	3.3		
Total %	4.0	0.5	17.2	0.3	22.0	0.1	24.2	0.9	2.0	27.1	0.0	0.0	0.0	0.0	0.0	1.3	45.7	2.3	1.7	50.9	

Start Time	Mario Lemieux Pl Southbound					Centre Ave Westbound					Northbound					Centre Ave Eastbound						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Int. Total	
	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	1.0	1.0	1.0	1.0		
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																						
Intersection 07:00 AM																						
Volume	43	8	165		216	0	178	7		185	0	0	0		0	7	386	18		411	812	
Percent	19.9	3.7	76.4			0.0	96.2	3.8			0.0	0.0	0.0		0.0	1.7	93.9	4.4		100	240	
Peak Factor	14	5	57		76	0	63	1		64	0	0	0		0	3	94	3		100	0.846	
High Int. 07:30 AM																						
Volume	14	5	57		76	0	63	1		64	0	0	0		0	2	110	7		119	0.863	
Peak Factor	14	5	57		0.711	0	0.711			0.723	0	0	0		0	0.863				0.863		
Peak Hour From 07:30 AM to 08:15 AM - Peak 1 of 1																						
Intersection 07:30 AM																						
Volume	30	6	151		187	0	219	7		226	0	0	0		0	10	359	14		383	796	
Percent	16.0	3.2	80.7			0.0	96.9	3.1			0.0	0.0	0.0		2.6	93.7	4.5			100	240	
Peak Factor	14	5	57		76	0	63	1		64	0	0	0		3	94	3			100	0.829	
High Int. 07:30 AM																						
Volume	14	5	57		76	0	63	1		64	0	0	0		3	109	5			117	0.818	
Peak Factor	14	5	57		0.615	0	0.615			0.883	0	0	0		3	0.883				0.818		

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#10_AM
 Site Code : 53800010
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles

Start Time	Southbound						Westbound						Washington PI Northbound						Eastbound												
	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. 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	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	16	19	16	19	68	68
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	12	19	26	26	72	72
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	20	25	32	32	98	98	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	15	30	36	36	101	101	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	63	90	113	113	339	339	
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24	32	37	37	113	113	
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	20	27	35	35	95	95	
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	13	14	26	40	40	93	98	
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	18	20	35	35	93	93	
Total	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	66	76	105	147	147	394	394	
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	139	139	195	260	260	733	738	
Approch %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	19.0	26.6	35.5	35.5	99.3	99.3	
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	18.8	18.8	26.4	35.2	35.2	99.3	99.3	

Start Time	Southbound						Westbound						Washington PI Northbound						Eastbound													
	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. Total	Left	Thru	Right	T/B	App. Total	App. 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	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intersection 07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	79	114	140	140	407	407	
Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	19.4	28.0	34.4	34.4	113	113		
08:00 Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24	32	37	37	113	113		
Peak Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
High Int. 6:45:00 AM	0	0	0	0	0	0	6:45:00 AM	0	0	0	0	6:45:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	08:00 AM	20	24	32	37	37	113	113
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24	32	37	37	113	113		
Peak Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24	32	37	37	113	113	
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24	32	37	37	113	113	
Approch %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	18.8	18.8	26.4	35.2	35.2	99.3	99.3	

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AYHPL00_05380_#13_AM
Site Code : 05380013
Start Date : 11/15/2005
Page No : 1

Groups Printed- All Vehicles (Board # 620)

Start Time	Washington PI Southbound				Centre Ave Westbound				Washington PI Northbound				Centre Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. 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								
07:00 AM	24	85	1	2	110	11	26	10	9	47	5	57	6	8	68	10	53	6	119	19	344	363	
07:15 AM	25	93	0	7	118	7	45	28	5	80	9	59	7	2	75	11	53	4	131	14	404	418	
07:30 AM	26	125	1	2	152	7	63	29	4	99	9	80	6	8	95	7	62	2	133	14	479	493	
07:45 AM	31	124	0	5	155	15	73	19	5	107	10	81	21	6	112	8	52	1	141	16	515	531	
Total	106	427	2	16	535	40	207	86	23	333	33	277	40	24	350	36	220	255	13	524	63	1742	1805
08:00 AM	36	136	2	7	174	13	74	7	8	94	8	76	19	4	103	3	61	55	3	122	19	493	512
08:15 AM	34	137	2	4	173	15	67	15	6	97	11	73	16	4	100	4	58	58	2	122	14	492	506
08:30 AM	23	151	0	6	174	10	47	7	5	64	11	68	21	15	100	6	46	53	1	106	26	444	470
08:45 AM	22	138	1	9	161	6	42	7	7	55	7	64	8	18	79	3	50	48	3	104	34	399	433
Total	115	562	5	26	682	44	230	36	26	310	37	281	64	41	382	16	215	214	9	454	93	1828	1921
Grand Total	221	989	7	42	1217	84	437	122	49	643	70	558	104	65	732	52	435	469	22	978	156	3570	3726
Approch %	18.2	81.3	0.6		34.1	13.1	68.0	19.0		18.0	9.6	76.2	14.2		20.5	5.3	44.5	48.0	2.2				
Total %	6.2	27.7	0.2			2.4	12.2	3.4			2.0	15.6	2.9			1.5	12.2	13.1	0.6		4.2	95.8	

Start Time	Washington PI Southbound				Centre Ave Westbound				Washington PI Northbound				Centre Ave Eastbound				Int. Total					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. 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							
07:45 Volume	127	522	5	0.8	654	50	277	70	70	310	38	310	62	410	22	233	255	510	1971			
07:45 Percent	19.4	79.8	0.8		155	12.6	69.8	17.6	17.6	75.6	9.3	75.6	15.1	410	4.3	45.7	50.0	510	1971			
07:45 Peak Factor	31	124	0		155	15	73	19	19	81	10	81	21	112	8	52	80	140	514			
High Int. 08:00 AM	36	136	2		174	15	73	19	19	81	10	81	21	112	8	52	80	140	514			
08:00 Volume	36	136	2		174	15	73	19	19	81	10	81	21	112	8	52	80	140	514			
08:00 Peak Factor	36	136	2		174	15	73	19	19	81	10	81	21	112	8	52	80	140	514			
08:00 Volume	36	136	2		174	15	73	19	19	81	10	81	21	112	8	52	80	140	514			
08:00 Peak Factor	36	136	2		174	15	73	19	19	81	10	81	21	112	8	52	80	140	514			

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#18_AM
 Site Code : 05380018
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board #D4-2157)

Start Time	Devillers St. Southbound						Centre Av. Westbound						Dinwiddie St. Northbound						Centre Av. Eastbound								
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0				
07:00 AM	0	0	5	1	5		0	22	1	3	23		0	0	0	1	0	1	4	27	0	4	31		8	60	68
07:15 AM	0	0	4	0	4		1	30	2	4	33		0	0	1	0	0	1	6	39	2	5	47		9	91	100
07:30 AM	1	1	7	0	9		1	43	4	3	48		0	0	1	0	0	1	3	59	3	2	65		5	125	130
07:45 AM	0	2	9	0	11		0	47	2	5	49		0	0	2	0	0	2	5	40	2	2	47		7	112	119
Total	1	3	25	1	29		2	142	9	15	153		11	0	5	0	0	16	18	165	7	13	190		29	388	417
08:00 AM	1	0	5	0	6		1	49	2	3	52		5	0	1	0	0	6	3	52	0	4	55		7	119	126
08:15 AM	0	1	9	0	10		0	50	3	5	53		1	0	0	0	0	1	6	53	1	6	60		11	124	135
08:30 AM	2	0	8	1	10		0	46	6	4	52		0	0	3	0	0	3	9	45	2	7	56		12	121	133
08:45 AM	0	0	9	0	9		1	41	5	3	47		0	0	0	0	0	0	7	45	2	3	54		6	110	116
Total	3	1	31	1	35		2	186	16	15	204		6	0	4	0	0	10	25	195	5	20	225		36	474	510
Grand Total	4	4	56	2	64		4	328	25	30	357		17	0	9	0	0	26	43	360	12	33	415		65	862	927
Approch %	6.3	6.3	87.5				1.1	91.9	7.0				65.4	0.0	34.6			10.4	86.7	2.9							
Total %	0.5	0.5	6.5		7.4		0.5	38.1	2.9		41.4		2.0	0.0	1.0		3.0	5.0	41.8	1.4		48.1		7.0	93.0		

Start Time	Devillers St. Southbound						Centre Av. Westbound						Dinwiddie St. Northbound						Centre Av. Eastbound								
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0				
07:00 AM	0	0	5	1	5		0	22	1	3	23		0	0	0	1	0	1	4	27	0	4	31		8	60	68
07:15 AM	0	0	4	0	4		1	30	2	4	33		0	0	1	0	0	1	6	39	2	5	47		9	91	100
07:30 AM	1	1	7	0	9		1	43	4	3	48		0	0	1	0	0	1	3	59	3	2	65		5	125	130
07:45 AM	0	2	9	0	11		0	47	2	5	49		0	0	2	0	0	2	5	40	2	2	47		7	112	119
Total	1	3	25	1	29		2	142	9	15	153		11	0	5	0	0	16	18	165	7	13	190		29	388	417
08:00 AM	1	0	5	0	6		1	49	2	3	52		5	0	1	0	0	6	3	52	0	4	55		7	119	126
08:15 AM	0	1	9	0	10		0	50	3	5	53		1	0	0	0	0	1	6	53	1	6	60		11	124	135
08:30 AM	2	0	8	1	10		0	46	6	4	52		0	0	3	0	0	3	9	45	2	7	56		12	121	133
08:45 AM	0	0	9	0	9		1	41	5	3	47		0	0	0	0	0	0	7	45	2	3	54		6	110	116
Total	3	1	31	1	35		2	186	16	15	204		6	0	4	0	0	10	25	195	5	20	225		36	474	510
Grand Total	4	4	56	2	64		4	328	25	30	357		17	0	9	0	0	26	43	360	12	33	415		65	862	927
Approch %	6.3	6.3	87.5				1.1	91.9	7.0				65.4	0.0	34.6			10.4	86.7	2.9							
Total %	0.5	0.5	6.5		7.4		0.5	38.1	2.9		41.4		2.0	0.0	1.0		3.0	5.0	41.8	1.4		48.1		7.0	93.0		

Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1
 Intersection 07:30 AM

Start Time	Devillers St. Southbound						Centre Av. Westbound						Dinwiddie St. Northbound						Centre Av. Eastbound							
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Exclu. Total	Inclu. Total
07:30 AM	2	4	30		36		2	189	11		11		0	0	4		4	15	204	6		227				480
Volume	5.6	11.1	83.3		99.0		1.0	93.6	5.4		5.4		0.0	0.0	26.7		26.7	7.5	89.9	2.6		99.8				125
Percent	1	1	7		9		1	43	4		4		0	0	1		1	3	59	3		65				0.960
Peak Factor	0	2	9		11		0	50	3		3		0	0	1		1	0.625	59	3		0.873				
High Int. Volume	0	2	9		11		0	50	3		3		0	0	1		1	6	59	3		65				
Peak Factor	0	2	9		11		0	50	3		3		0	0	1		1	0.625	59	3		0.873				

Peak Hour From 07:30 AM to 08:15 AM - Peak 1 of 1
 Intersection 07:30 AM

Start Time	Devillers St. Southbound						Centre Av. Westbound						Dinwiddie St. Northbound						Centre Av. Eastbound							
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Exclu. Total	Inclu. Total
07:30 AM	2	4	30		36		2	189	11		11		0	0	4		4	15	204	6		227				480
Volume	5.6	11.1	83.3		99.0		1.0	93.6	5.4		5.4		0.0	0.0	26.7		26.7	7.5	89.9	2.6		99.8				125
Percent	1	1	7		9		1	43	4		4		0	0	1		1	3	59	3		65				0.960
Peak Factor	0	2	9		11		0	50	3		3		0	0	1		1	0.625	59	3		0.873				
High Int. Volume	0	2	9		11		0	50	3		3		0	0	1		1	6	59	3		65				
Peak Factor	0	2	9		11		0	50	3		3		0	0	1		1	0.625	59	3		0.873				

Groups Printed- Bank 1

Start Time	Devillers St. Southbound					Centre Av. Westbound					Dinwiddie St. Northbound					Centre Av. Eastbound				
	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total
	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	1.0	1.0	1.0	1.0
Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	0	0	0	0	0	9	0	0	1	9	1	0	5	0	6	0	0	4	0	4
07:15 AM	0	0	0	0	0	8	0	0	0	8	3	0	5	0	8	0	0	2	1	2
07:30 AM	0	0	0	0	0	14	0	0	0	14	4	0	7	0	11	0	0	1	1	1
07:45 AM	0	0	0	0	0	12	0	0	0	12	3	0	8	0	11	0	0	4	0	4
Total	0	0	0	0	0	43	0	0	1	43	11	0	25	0	36	0	0	11	2	11
08:00 AM	0	0	0	0	0	7	0	0	0	7	9	0	8	0	17	0	0	7	0	7
08:15 AM	0	0	0	0	0	14	0	0	0	14	3	0	12	0	15	1	0	10	0	11
08:30 AM	0	0	0	0	0	15	0	0	0	15	7	0	8	0	15	0	0	5	0	5
08:45 AM	0	0	0	0	0	4	0	0	0	4	5	0	8	0	13	0	0	5	0	5
Total	0	0	0	0	0	40	0	0	0	40	24	0	36	0	60	1	0	27	0	28
Grand Total	0	0	0	0	0	83	0	0	1	83	35	0	61	0	96	1	0	38	2	39
Approch %	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	36.5	0.0	0.0	63.5	0.0	44.0	2.6	0.0	97.4	0.0	17.9
Total %	0.0	0.0	0.0	0.0	0.0	38.1	0.0	0.0	0.0	16.1	0.0	0.0	28.0	0.0	44.0	0.5	0.0	17.4	0.0	17.9

Start Time	Devillers St. Southbound					Centre Av. Westbound					Dinwiddie St. Northbound					Centre Av. Eastbound					
	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	
	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	1.0	1.0	1.0	1.0	
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intersection 07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Volume	0	0	0	0	0	48	0	0	0	48	22	0	36	0	36	1	0	26	0	27	
Percent	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	37.9	0.0	0.0	62.1	0.0	62.1	3.7	0.0	96.3	0.0	96.3	
08:15 Volume	0	0	0	0	0	14	0	0	0	14	3	0	12	0	12	1	0	10	0	11	
Peak Factor	0	0	0	0	0	0.830	0.000	0.000	0.000	0.800	0.800	0.000	0.800	0.000	0.800	0.831	0.000	0.831	0.000	0.831	
High Int. 6:45:00 AM	0	0	0	0	0	08:30 AM	08:30 AM	08:00 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM
Volume	0	0	0	0	0	15	0	0	0	15	9	0	8	0	8	1	0	10	0	11	
Peak Factor	0	0	0	0	0	0.800	0.000	0.000	0.000	0.800	0.800	0.000	0.800	0.000	0.800	0.614	0.000	0.614	0.000	0.614	
Peak Hour From 07:30 AM to 08:15 AM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intersection 07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Volume	0	0	0	0	0	47	0	0	0	47	19	0	35	0	35	1	0	22	0	23	
Percent	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	35.2	0.0	0.0	64.8	0.0	64.8	4.3	0.0	95.7	0.0	95.7	
08:15 Volume	0	0	0	0	0	14	0	0	0	14	3	0	12	0	12	1	0	10	0	11	
Peak Factor	0	0	0	0	0	0.794	0.000	0.000	0.000	0.839	0.839	0.000	0.839	0.000	0.839	0.775	0.000	0.775	0.000	0.775	
High Int.	0	0	0	0	0	07:30 AM	07:30 AM	08:00 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM	08:15 AM
Volume	0	0	0	0	0	14	0	0	0	14	9	0	8	0	8	1	0	10	0	11	
Peak Factor	0	0	0	0	0	0.839	0.000	0.000	0.000	0.839	0.839	0.000	0.839	0.000	0.839	0.523	0.000	0.523	0.000	0.523	

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AYHPL00_05380_#25_1_AM
Site Code : 05380025
Start Date : 11/29/2005
Page No : 1

Groups Printed- Unshifted

Start Time	Grant Street Southbound				Blvd Allies Westbound				Grant Street Northbound				Blvd Allies Eastbound				Int. Total									
	Left	Thru to Grant	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	App. Total	Left to Grant	Thru to Blvd Allies		Right to 2nd Ave	Right to Grant	App. Total	Int. Total					
																						Factor	Factor	Factor	Factor	
07:00 AM	1.0	1.0	1.0	1.0	76	1.0	1.0	1.0	1.0	28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	98	8	21	13	2	44	246	
07:15 AM	1	72	14	0	87	0	49	0	0	49	7	157	11	2	177	8	35	29	7	185	9	44	51	7	111	446
07:30 AM	0	86	25	0	111	0	39	0	0	39	11	160	10	4	185	10	44	51	7	200	10	46	48	2	106	499
07:45 AM	0	102	27	0	129	0	64	0	0	64	13	174	6	7	200	10	46	48	2	660	35	146	141	18	340	1583
Total	1	326	76	0	403	0	180	0	0	180	38	575	31	16	660	35	146	141	18							
08:00 AM	0	94	19	0	113	0	56	0	0	56	2	203	7	2	214	11	59	38	13	214	11	59	38	13	121	504
08:15 AM	0	91	21	0	112	0	78	3	0	81	11	197	6	3	217	12	51	47	3	217	12	51	47	3	113	523
08:30 AM	0	88	16	0	104	0	45	2	0	47	11	182	7	1	201	17	56	44	5	201	17	56	44	5	122	474
08:45 AM	0	93	15	0	108	0	39	0	0	39	8	160	5	1	174	14	52	26	7	174	14	52	26	7	99	420
Total	0	366	71	0	437	0	218	5	0	223	32	742	25	7	806	54	218	155	28	806	54	218	155	28	455	1921
Grand Total	1	692	147	0	840	0	398	5	0	403	70	1317	56	23	1466	89	364	296	46	1466	89	364	296	46	795	3504
Approch %	0.1	82.4	17.5	0.0	0.0	0.0	98.8	1.2	0.0	0.0	4.8	89.8	3.8	1.6	11.5	2.0	37.6	1.6	0.7	41.8	2.5	10.4	8.4	1.3	22.7	
Total %	0.0	19.7	4.2	0.0	24.0	0.0	11.4	0.1	0.0	11.5	2.0	37.6	1.6	0.7	41.8	2.5	10.4	8.4	1.3	41.8	2.5	10.4	8.4	1.3	22.7	

Start Time	Grant Street Southbound				Blvd Allies Westbound				Grant Street Northbound				Blvd Allies Eastbound				Int. Total										
	Left	Thru to Grant	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	App. Total	Left to Grant	Thru to Blvd Allies		Right to 2nd Ave	Right to Grant	App. Total	Int. Total						
																						Factor	Factor	Factor	Factor		
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																											
Intersection 07:45 AM																											
Volume	0	375	83	0	458	0	243	5	0	248	37	756	26	13	832	50	212	177	23	832	50	212	177	23	462	2000	
Percent	0.0	81.9	18.1	0.0	0.0	0.0	98.0	2.0	0.0	0.0	4.4	90.9	3.1	1.6	10.8	10.8	45.9	38.3	5.0	10.8	10.8	45.9	38.3	5.0	462	2000	
08:15 Volume	0	91	21	0	112	0	78	3	0	81	11	197	6	3	217	12	51	47	3	217	12	51	47	3	113	523	
Peak Factor																										0.956	
High Int. 07:45 AM																											
Volume	0	102	27	0	129	0	78	3	0	81	11	197	6	3	217	17	56	44	5	217	17	56	44	5	122	0.947	
Peak Factor					0.888					0.765					0.959					0.959						0.947	
Peak Hour From 08:00 AM to 08:45 AM - Peak 1 of 1																											
Intersection 08:00 AM																											
Volume	0	366	71	0	437	0	218	5	0	223	32	742	25	7	806	54	218	155	28	806	54	218	155	28	455	1921	
Percent	0.0	83.8	16.2	0.0	0.0	0.0	97.8	2.2	0.0	0.0	4.0	92.1	3.1	0.9	11.9	11.9	47.9	34.1	6.2	11.9	11.9	47.9	34.1	6.2	455	1921	
08:15 Volume	0	91	21	0	112	0	78	3	0	81	11	197	6	3	217	12	51	47	3	217	12	51	47	3	113	523	
Peak Factor																										0.918	
High Int. 08:00 AM																											
Volume	0	94	19	0	113	0	78	3	0	81	11	197	6	3	217	17	56	44	5	217	17	56	44	5	122	0.932	
Peak Factor					0.967					0.688					0.929					0.929						0.932	

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#26_AM
 Site Code : 05380026
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D4-1684)

Start Time	Grant St Southbound						Grant St Northbound						First Ave Westbound						First Ave Eastbound						
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		
	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	1.0	1.0	1.0	1.0		
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	1.0	1.0	1.0	1.0		
07:00 AM	7	88	0	1	96		23	0	5	0	28		123	46	1	170		0	0	0	0	0			
07:15 AM	19	67	0	2	88		50	0	10	7	67		166	122	3	291		0	0	0	0	0			
07:30 AM	19	79	0	2	100		52	0	7	1	60		199	115	3	317		0	0	0	0	0			
07:45 AM	16	81	0	2	99		47	0	6	0	53		163	100	0	263		0	0	0	0	0			
Total	61	315	0	7	383		172	0	28	8	208		651	383	7	1041		0	0	0	0	0			
08:00 AM	23	89	0	1	113		48	0	6	0	54		103	93	0	196		0	0	0	0	0			
08:15 AM	29	84	0	1	114		53	0	12	8	73		200	72	2	274		0	0	0	0	0			
08:30 AM	26	93	0	0	119		40	0	7	3	50		253	120	4	377		0	0	0	0	0			
08:45 AM	14	68	0	0	82		43	0	10	5	58		179	124	1	304		0	0	0	0	0			
Total	92	334	0	2	428		184	0	35	16	235		735	409	7	1151		0	0	0	0	0			
Grand Total	153	649	0	9	811		356	0	63	24	443		1386	792	14	2192		0	0	0	0	0			
Apprch %	18.9	80.0	0.0	1.1		80.4	0.0	14.2	5.4		63.2	36.1	0.6		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	
Total %	4.4	18.8	0.0	0.3	23.5		10.3	0.0	1.8	0.7	12.9		40.2	23.0	0.4	63.6		0.0	0.0	0.0	0.0	0.0			

Start Time	Grant St Southbound						First Ave Westbound						Grant St Northbound						Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	92	334	0	2	428		184	0	35	16	235		735	409	7	1151		0	0	0	0	0		
Intersection 08:00 AM	92	334	0	0	426		184	0	35	0	219		735	409	0	1144		0	0	0	0	0		
Volume	21.6	78.4	0.0	0.0		84.0	0.0	16.0	0.0		64.2	35.8		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
Percent	26	93	0	0	119		40	0	7	0	47		253	120	0	373		0	0	0	0	0		
08:30 Volume	26	93	0	0	119		40	0	7	0	47		253	120	0	373		0	0	0	0	0		
Peak Factor	0.895	0.842	0.0	0.0		0.842	0.0	0.0	0.0		0.842	0.767		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
High Int. 08:30 AM	26	93	0	0	119		53	0	12	0	65		253	120	0	373		0	0	0	0	0		
Volume	26	93	0	0	119		53	0	12	0	65		253	120	0	373		0	0	0	0	0		
Peak Factor	0.895	0.842	0.0	0.0		0.842	0.0	0.0	0.0		0.842	0.767		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AYHPL00_05380_#27_AM
Site Code : 53800027
Start Date : 11/16/2005
Page No : 1

Groups Printed- All Vehicles (Board # D-621)

Start Time	Grant St. Southbound					WB Parkway Off-Ramp Westbound					EB Parkway Off-Ramp Northbound					Fort Pitt Blvd. Eastbound				
	Thru	Right	HV	App. Total	Left	Thru	HV	App. Total	Left	Thru	HV	App. Total	Left	Thru	HV	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0					
Factor	90	41	4	131	39	64	1	39	0	158	2	158	0	59	3	59	74	387	461	
07:00 AM	90	32	8	122	46	76	1	46	2	163	2	165	0	71	1	71	88	404	492	
07:15 AM	95	42	4	137	52	65	2	52	3	158	0	161	0	64	3	64	74	414	488	
07:30 AM	84	44	5	128	72	77	0	72	0	139	1	139	0	38	0	38	83	377	460	
07:45 AM	359	159	21	518	209	282	4	209	5	618	5	623	0	232	7	232	319	1582	1901	
Total	367	166	32	533	236	364	7	236	2	602	6	604	3	159	6	162	415	1535	1950	
08:00 AM	81	48	6	129	32	61	1	32	0	74	0	74	2	32	1	34	69	269	338	
08:15 AM	98	35	6	133	72	107	1	72	1	131	1	132	0	19	1	19	116	356	472	
08:30 AM	97	34	12	131	74	117	4	74	0	198	3	198	1	39	2	40	138	443	581	
08:45 AM	91	49	8	140	58	79	1	58	1	199	2	200	0	69	2	69	92	467	559	
Total	726	325	53	1051	445	646	11	445	7	1220	11	1227	3	391	13	394	734	3117	3851	
Grand Total	69.1	30.9		100.0	14.3			14.3	0.6	99.4		39.4	0.8	99.2		12.6	19.1	80.9		
Approch %	23.3	10.4		33.7					0.2	39.1			0.1	12.5						

Start Time	Grant St. Southbound					WB Parkway Off-Ramp Westbound					EB Parkway Off-Ramp Northbound					Fort Pitt Blvd. Eastbound				
	Thru	Right	HV	App. Total	Left	Thru	HV	App. Total	Left	Thru	HV	App. Total	Left	Thru	HV	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0					
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	359	159	21	518	209	282	4	209	5	618	5	623	0	232	7	232	319	1582	1901	
Intersection 07:00 AM	359	159		518	209			209		618		623		232		232			1582	
Volume	359	159		518	209			209		618		623		232		232			1582	
Percent	69.3	30.7		100.0	100.0			100.0		99.2		99.2		100.0		100.0			1582	
07:30 Volume	95	42		137	52			52		158		161		64		64			414	
Peak Factor	95	42		137	52			52		158		161		64		64			414	
High Int. 07:30 AM	95	42		137	52			52		158		161		64		64			414	
Volume	95	42		137	52			52		158		161		64		64			414	
Peak Factor	95	42		137	52			52		158		161		64		64			414	
Peak Hour From 08:00 AM to 08:45 AM - Peak 1 of 1	367	166	32	533	236	364	7	236	2	602	6	604	3	159	6	162	415	1535	1950	
Intersection 08:00 AM	367	166		533	236			236		602		604		159		162			1535	
Volume	367	166		533	236			236		602		604		159		162			1535	
Percent	68.9	31.1		100.0	100.0			100.0		99.7		99.7		98.1		98.1			1535	
08:45 Volume	91	49		140	58			58		199		200		69		69			467	
Peak Factor	91	49		140	58			58		199		200		69		69			467	
High Int. 08:45 AM	91	49		140	58			58		199		200		69		69			467	
Volume	91	49		140	58			58		199		200		69		69			467	
Peak Factor	91	49		140	58			58		199		200		69		69			467	

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AYHPL00_05380_#28_AM
Site Code : 05380028
Start Date : 11/16/2005
Page No : 1

Groups Printed- All Vehicles (Board # D4-1684)

Start Time	Ross St Southbound						Second Ave Westbound						Ross St Northbound						Second Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor																							
07:00 AM	46	29	4	2	81		0	78	51	7	136		2	46	17	1	66		2	25	3	0	30	
07:15 AM	37	33	6	6	82		0	71	67	9	147		1	59	12	1	73		1	35	1	2	39	
07:30 AM	43	25	4	6	78		0	107	73	1	181		3	63	9	1	76		1	40	0	3	44	
07:45 AM	43	41	6	2	92		0	43	104	7	154		3	59	10	0	72		8	35	2	12	57	
Total	169	128	20	16	333		0	299	295	24	618		9	227	48	3	287		12	135	6	17	170	
08:00 AM	34	27	3	5	69		0	31	99	5	135		0	59	16	0	75		12	38	5	5	60	
08:15 AM	56	33	3	6	98		0	81	95	7	183		1	39	11	0	51		18	57	15	10	100	
08:30 AM	42	30	5	4	81		0	97	100	6	203		1	47	8	1	57		14	48	4	3	69	
08:45 AM	38	29	7	6	80		1	107	95	8	211		1	60	12	2	75		7	40	4	3	54	
Total	170	119	18	21	328		1	316	389	26	732		3	205	47	3	258		51	183	28	21	283	
Grand Total	339	247	38	37	661		1	615	684	50	1350		12	432	95	6	545		63	318	34	38	453	
Approch %	51.3	37.4	5.7	5.6	22.0		0.1	45.6	50.7	3.7	44.9		2.2	79.3	17.4	1.1	18.1		13.9	70.2	7.5	8.4	15.1	
Total %	11.3	8.2	1.3	1.2	22.0		0.0	20.4	22.7	1.7	44.9		0.4	14.4	3.2	0.2	18.1		2.1	10.6	1.1	1.3	15.1	

Start Time	Ross St Southbound						Second Ave Westbound						Ross St Northbound						Second Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor																							
08:00 AM	170	119	18	21	328		1	316	389	26	732		3	205	47	3	258		51	183	28	21	283	
08:15 AM	56	33	3	3	92		1	107	95	95	203		0	59	16	0	75		18	57	15	10	100	
08:30 AM	56	33	3	3	92		0	81	95	95	203		1	39	11	0	51		13.9	70.2	7.5	8.4	15.1	
08:45 AM	56	33	3	3	92		0	81	95	95	203		1	39	11	0	51		2.1	10.6	1.1	1.3	15.1	
Total	170	119	18	21	328		1	316	389	26	732		3	205	47	3	258		51	183	28	21	283	
Grand Total	339	247	38	37	661		1	615	684	50	1350		12	432	95	6	545		63	318	34	38	453	
Approch %	51.3	37.4	5.7	5.6	22.0		0.1	45.6	50.7	3.7	44.9		2.2	79.3	17.4	1.1	18.1		13.9	70.2	7.5	8.4	15.1	
Total %	11.3	8.2	1.3	1.2	22.0		0.0	20.4	22.7	1.7	44.9		0.4	14.4	3.2	0.2	18.1		2.1	10.6	1.1	1.3	15.1	

Start Time	Ross St Southbound						Second Ave Westbound						Ross St Northbound						Second Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor																							
08:00 AM	170	119	18	21	328		1	316	389	26	732		3	205	47	3	258		51	183	28	21	283	
08:15 AM	56	33	3	3	92		1	107	95	95	203		0	59	16	0	75		18	57	15	10	100	
08:30 AM	56	33	3	3	92		0	81	95	95	203		1	39	11	0	51		13.9	70.2	7.5	8.4	15.1	
08:45 AM	56	33	3	3	92		0	81	95	95	203		1	39	11	0	51		2.1	10.6	1.1	1.3	15.1	
Total	170	119	18	21	328		1	316	389	26	732		3	205	47	3	258		51	183	28	21	283	
Grand Total	339	247	38	37	661		1	615	684	50	1350		12	432	95	6	545		63	318	34	38	453	
Approch %	51.3	37.4	5.7	5.6	22.0		0.1	45.6	50.7	3.7	44.9		2.2	79.3	17.4	1.1	18.1		13.9	70.2	7.5	8.4	15.1	
Total %	11.3	8.2	1.3	1.2	22.0		0.0	20.4	22.7	1.7	44.9		0.4	14.4	3.2	0.2	18.1		2.1	10.6	1.1	1.3	15.1	

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AY193A~1
 Site Code : 05380119
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-2264)

Start Time	Ross St Southbound						Sixth Ave Westbound						Ross St Northbound						Sixth Ave Eastbound					
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
07:00 AM	28	71	67	4	170	6	58	13	4	81	12	25	16	4	57	24	52	8	1	85	393			
07:15 AM	47	68	71	3	189	6	87	18	4	115	12	23	14	2	51	25	62	6	1	94	449			
07:30 AM	45	98	73	2	218	3	80	10	3	96	14	32	16	2	64	30	58	9	0	97	475			
07:45 AM	49	116	50	2	217	6	98	24	5	133	7	33	21	2	63	33	73	8	1	115	528			
Total	169	353	261	11	794	21	323	65	16	425	45	113	67	10	235	112	245	31	3	391	1845			
08:00 AM	45	115	66	2	228	5	94	28	6	133	11	37	17	1	66	31	63	5	3	102	529			
08:15 AM	47	88	62	5	202	10	99	31	2	142	9	35	26	3	73	35	51	11	1	98	515			
08:30 AM	37	82	67	1	187	4	82	10	1	97	9	34	13	1	57	37	56	15	1	109	450			
08:45 AM	42	107	46	3	198	4	90	15	7	116	15	20	19	0	54	32	50	14	2	98	466			
Total	171	392	241	11	815	23	365	84	16	488	44	126	75	5	250	135	220	45	7	407	1960			
Grand Total	340	745	502	22	1609	44	688	149	32	913	89	239	142	15	485	247	465	76	10	798	3805			
Approch %	21.1	46.3	31.2	1.4		4.8	75.4	16.3	3.5		18.4	49.3	29.3	3.1		31.0	58.3	9.5	1.3					
Total %	8.9	19.6	13.2	0.6	42.3	1.2	18.1	3.9	0.8	24.0	2.3	6.3	3.7	0.4	12.7	6.5	12.2	2.0	0.3	21.0				

Start Time	Ross St Southbound						Sixth Ave Westbound						Ross St Northbound						Sixth Ave Eastbound					
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
07:45 Volume	186	417	251		854	24	371	93		488	41	137	80		258	129	245	33		407	2007			
07:45 Percent	21.8	48.8	29.4			4.9	76.0	19.1			15.9	53.1	31.0			31.7	60.2	8.1		114	0.969			
07:45 Volume	49	116	50		215	6	98	24		128	7	33	21		61	33	73	8		114	518			
08:00 High Int.	45	115	66			10	99	31		140	9	35	26		70	33	73	8		114	0.929			
08:00 Volume	45	115	66		226	10	99	31		140	9	35	26		0.921	37	56	15		108				
08:00 Peak Factor					0.945					0.871											0.893			
08:00 Volume	171	392	241		804	23	365	84		472	44	126	75		245	135	220	45		400	1921			
08:00 Percent	21.3	48.8	30.0			4.9	77.3	17.8			18.0	51.4	30.6			33.8	55.0	11.3		99	0.929			
08:00 Volume	45	115	66		226	5	94	28		127	11	37	17		65	31	63	5		99	517			
08:00 High Int.	45	115	66			10	99	31		140	9	35	26		0.875	37	56	15		108				
08:00 Volume	45	115	66		226	10	99	31		140	9	35	26		0.875	37	56	15		108				
08:00 Peak Factor					0.889					0.843											0.926			

2%

2%

3%

1%

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AY133A~1
Site Code : 05380006
Start Date : 11/16/2005
Page No : 1

Groups Printed- All Vehicles (Board # D1-1925)

Start Time	Southbound				Westbound				Northbound				Eastbound											
	Left	Thru	Off of Ramp #1	T/B	App. Total	Left of Ramp #2	Right	T/B	App. Total	Into Private Drive way	Thru	Private Drive way	Out of Private Drive way	T/B	App. Total	Onto Ramp #3	Onto Ramp #4	Right	T/B	App. Total	Exclu. Total	Inclu. 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	1.0	1.0	1.0	1.0				
07:00 AM	0	0	83	2	83	0	137	0	4	137	0	0	0	0	0	45	57	0	15	102	21	322	343	
07:15 AM	0	0	92	1	92	0	151	3	4	151	3	0	2	0	5	44	85	0	14	129	19	377	396	
07:30 AM	1	0	96	2	97	0	136	6	4	136	6	0	1	0	7	50	103	0	13	153	19	393	412	
07:45 AM	1	0	107	1	108	0	112	5	5	112	5	0	3	0	8	49	102	1	8	152	14	380	394	
Total	2	0	378	6	380	0	536	14	17	536	14	0	6	0	20	188	347	1	50	536	73	1472	1545	
08:00 AM	1	0	111	2	112	0	125	5	2	125	5	0	4	0	9	45	94	0	12	139	16	385	401	
08:15 AM	0	0	122	1	122	0	128	4	5	128	4	0	4	0	8	43	114	0	16	157	22	415	437	
08:30 AM	0	0	118	0	118	0	124	5	5	124	5	0	7	0	12	46	109	0	20	155	25	409	434	
08:45 AM	0	0	130	0	130	0	114	6	4	114	6	0	2	0	8	53	100	0	13	153	17	405	422	
Total	1	0	481	3	482	0	491	20	16	491	20	0	17	0	37	187	417	0	61	604	80	1614	1694	
Grand Total	3	0	859	9	862	0	1027	34	33	1027	34	0	23	0	57	375	764	1	111	1140	153	3086	3239	
Approch %	0.3	0.0	99.7			0.0	100.0	59.6	0.0	40.4					32.9	67.0	0.1							
Total %	0.1	0.0	27.8		27.9	0.0	33.3	1.1	0.0	0.7					1.8	12.2	24.8	0.0		36.9	4.7	95.3		

Start Time	Southbound			Westbound			Northbound			Eastbound						
	Left	Thru	Off of Ramp #1	Left	Off of Ramp #2	Right	App. Total	Into Private Drive way	Thru	Out of Private Drive way	App. Total	Onto Ramp #3	Onto Ramp #4	Right	App. Total	Int. Total
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	1	0	481	0	491	0	482	20	0	0	37	187	417	0	604	1614
Intersection 08:00 AM	0	0	481	0	491	0	491	20	0	17	37	187	417	0	604	1614
Volume	0	0	481	0	491	0	491	20	0	17	37	187	417	0	604	1614
Percent	0.2	0.0	99.8	0.0	100.0	0.0	100.0	54.1	0.0	45.9	32.9	31.0	69.0	0.0	114.0	3239
08:15 Volume	0	0	122	0	128	0	128	4	0	4	8	43	114	0	157	415
Peak Factor																0.972
High Int. 08:45 AM				08:15 AM			08:30 AM	5	0	7	12	43	114	0	157	415
Volume	0	0	130	0	128	0	128	5	0	7	12	43	114	0	157	415
Peak Factor			0.927		0.959		0.959				0.771				0.962	

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Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AY153A~1
 Site Code : 07111601
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-2263)

Start Time	Grant St Southbound				Sixth Ave Westbound				Grant St Northbound				Sixth Ave Eastbound				Int. Total	
	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B		
	App. Total				App. Total				App. Total				App. 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 AM	7	51	5	4	32	59	46	2	139	78	34	9	7	25	4	5	41	379
07:15 AM	16	96	5	12	31	104	56	6	197	21	99	20	151	32	6	6	52	529
07:30 AM	28	93	1	15	32	104	59	2	197	10	70	19	109	37	4	13	69	512
07:45 AM	28	126	8	15	33	116	52	2	203	10	56	12	91	37	0	6	56	527
Total	79	366	19	46	128	383	213	12	736	52	303	86	483	131	14	30	218	1947
08:00 AM	26	135	3	14	36	110	52	3	201	11	68	21	121	38	7	9	64	564
08:15 AM	21	122	4	8	24	111	65	2	202	25	119	33	196	8	38	1	7	607
08:30 AM	27	114	4	6	34	120	47	2	203	19	134	26	193	15	24	4	51	598
08:45 AM	29	136	2	10	8	106	44	7	165	38	95	25	168	5	42	5	56	566
Total	103	507	13	38	102	447	208	14	771	93	416	105	678	38	142	17	225	2335
Grand Total	182	873	32	84	230	830	421	26	1507	145	719	191	1161	81	273	31	58	4282
Approch %	15.5	74.6	2.7	7.2	15.3	55.1	27.9	1.7	35.2	3.4	16.8	4.5	27.1	1.9	6.4	0.7	13.1	
Total %	4.3	20.4	0.7	2.0	5.4	19.4	9.8	0.6										

Start Time	Grant St Southbound				Sixth Ave Westbound				Grant St Northbound				Sixth Ave Eastbound				Int. Total	
	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B		
	App. Total				App. Total				App. Total				App. Total					
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																		
Intersection 08:00 AM	103	507	13	38	102	447	208	14	771	93	416	105	678	38	142	17	225	2335
Volume	103	507	13	38	102	447	208	14	771	93	416	105	678	38	142	17	225	2335
Percent	16.5	81.4	2.1	4	13.5	59.0	27.5	1.7	35.2	3.4	16.8	4.5	27.1	1.9	6.4	0.7	13.1	
08:15 Volume	21	122	4	10	24	111	65	2	200	25	119	33	177	8	38	1	47	571
Peak Factor																		0.959
High Int. 08:45 AM	29	136	2	10	34	120	47	2	201	19	134	26	179	10	38	7	55	0.895
Volume	29	136	2	10	34	120	47	2	201	19	134	26	179	10	38	7	55	0.895
Peak Factor									0.942				0.858					

4.2

2.2

10.8

14.2

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AY113A~1
 Site Code : 05380005
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-1823)

Start Time	Grant St Southbound				Seventh Ave Westbound				Grant St Northbound				Seventh Ave Eastbound				Int. Total				
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left		Thru	Right	T/B	App. 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 AM	52	55	4	12	123	29	88	91	4	212	22	84	17	19	142	5	43	11	6	65	542
07:15 AM	51	74	10	18	153	37	109	97	3	246	34	90	15	13	152	4	65	6	7	82	633
07:30 AM	53	86	14	17	170	33	91	104	7	235	25	102	15	21	163	3	79	11	4	97	665
07:45 AM	45	85	12	13	155	22	79	71	4	176	17	53	17	14	101	1	60	8	2	71	503
Total	201	300	40	60	601	121	367	363	18	869	98	329	64	67	558	13	247	36	19	315	2343
08:00 AM	51	106	17	17	191	44	88	85	3	220	18	66	14	17	115	2	67	13	4	86	612
08:15 AM	49	96	16	10	171	47	105	89	3	244	41	110	17	29	197	7	81	12	6	106	718
08:30 AM	49	79	23	13	164	47	116	79	4	246	35	94	30	19	178	1	75	19	6	101	689
08:45 AM	56	127	9	12	204	33	114	75	3	225	26	97	31	17	171	3	67	16	3	89	689
Total	205	408	65	52	730	171	423	328	13	935	120	367	92	82	661	13	290	60	19	382	2708
Grand Total	406	708	105	112	1331	292	790	691	31	1804	218	696	156	149	1219	26	537	96	38	697	5051
Approch %	30.5	53.2	7.9	8.4		16.2	43.8	38.3	1.7		17.9	57.1	12.8	12.2		3.7	77.0	13.8	5.5		
Total %	8.0	14.0	2.1	2.2	26.4	5.8	15.6	13.7	0.6	35.7	4.3	13.8	3.1	2.9	24.1	0.5	10.6	1.9	0.8	13.8	

Start Time	Grant St Southbound				Seventh Ave Westbound				Grant St Northbound				Seventh Ave Eastbound				Int. Total					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left		Thru	Right	T/B	App. Total	
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																						
Intersection 08:00 AM																						
Volume	205	408	65	65	678	171	423	328	328	922	120	367	92	92	579	13	290	60	60	363	2542	
Percent	30.2	60.2	9.6	9.6		18.5	45.9	35.6	35.6		20.7	63.4	15.9	15.9		3.6	79.9	16.5	16.5			
08:15 Volume	49	96	16	16	161	47	105	89	89	241	41	110	17	17	168	7	81	12	12	100	670	
Peak Factor																					0.949	
High Int. 08:45 AM						08:30 AM				08:15 AM	08:15 AM				08:15 AM							
Volume	56	127	9	9	192	47	116	79	79	242	41	110	17	17	168	7	81	12	12	100		
Peak Factor					0.883					0.952					0.862						0.908	

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Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AY192A~1
Site Code : 05380001
Start Date : 11/17/2005
Page No : 1

Groups Printed- All Vehicles (Board # D1-1683)

Start Time	Liberty Ave Southbound						Seventh Ave Westbound						Liberty Ave Northbound						Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor																							
07:00 AM	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	1.0	1.0	1.0	1.0	
07:15 AM	0	37	0	13	50		65	0	0	7	72		0	37	42	21	100		0	0	0	0	0	
07:30 AM	0	56	0	14	70		47	0	0	10	57		0	36	49	24	109		0	0	0	0	0	
07:45 AM	0	67	0	14	81		52	0	0	8	60		0	57	64	27	148		0	0	0	0	0	
Total	0	240	0	54	294		217	0	0	35	252		0	170	237	94	501		0	0	0	0	0	
08:00 AM	0	66	0	14	80		43	0	1	10	54		0	42	64	33	139		0	0	0	0	0	
08:15 AM	0	64	0	11	75		48	0	0	7	55		0	54	67	22	143		0	0	0	0	0	
08:30 AM	0	59	0	7	66		55	0	0	7	62		0	46	57	21	124		0	0	0	0	0	
08:45 AM	1	59	0	9	69		63	0	1	6	70		0	53	66	18	137		0	0	0	0	0	
Total	1	248	0	41	290		209	0	2	30	241		0	195	254	94	543		0	0	0	0	0	
Grand Total	1	488	0	95	584		426	0	2	65	493		0	365	491	188	1044		0	0	0	0	0	
Approch %	0.2	83.6	0.0	16.3			86.4	0.0	0.4	13.2		0.0	35.0	47.0	18.0		0.0	0.0	0.0	0.0	0.0			
Total %	0.0	23.0	0.0	4.5	27.5		20.1	0.0	0.1	3.1	23.2		0.0	17.2	23.1	8.9	49.2		0.0	0.0	0.0	0.0	0.0	

Start Time	Liberty Ave Southbound						Seventh Ave Westbound						Liberty Ave Northbound						Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	Factor																							
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	0	277	0	0	277		196	0	1	1	197		0	193	277	277	470		0	0	0	0	0	
Intersection 07:30 AM	0	100.0	0.0	0.0	80		99.5	0.0	0.5	0.5	53		0.0	41.1	58.9	58.9	122		0.0	0.0	0.0	0.0	0.0	
Volume	0	80	0	0	80		53	0	0	0	53		0	40	82	82	122		0	0	0	0	0	
Percent	0	100.0	0.0	0.0	100.0		66.25	0.0	0.0	0.0	66.25		0.0	50.0	102.5	102.5	100.0		0.0	0.0	0.0	0.0	0.0	
Peak Factor	0	0.866	0	0	0.866		0.6625	0	0	0	0.6625		0	0.929	0.929	0.929	0.929		0	0	0	0	0	
High Int. 07:45 AM	0	80	0	0	80		53	0	0	0	53		0	40	82	82	122		0	0	0	0	0	
Volume	0	80	0	0	80		53	0	0	0	53		0	40	82	82	122		0	0	0	0	0	
Peak Factor	0	0.866	0	0	0.866		0.6625	0	0	0	0.6625		0	0.929	0.929	0.929	0.929		0	0	0	0	0	
Peak Hour From 08:00 AM to 08:45 AM - Peak 1 of 1	0	248	0	0	248		209	0	2	1	211		0	195	254	254	449		0	0	0	0	0	
Intersection 08:00 AM	0	99.6	0.0	0.0	60		99.1	0.0	0.9	0.9	64		0.0	43.4	56.6	56.6	119		0.0	0.0	0.0	0.0	0.0	
Volume	0	59	0	0	59		63	0	1	1	64		0	53	66	66	119		0	0	0	0	0	
Percent	0	100.0	0.0	0.0	100.0		106.78	0.0	1.695	1.695	106.78		0.0	50.0	102.5	102.5	100.0		0.0	0.0	0.0	0.0	0.0	
Peak Factor	0	0.943	0	0	0.943		0.943	0	0	0	0.943		0	0.929	0.929	0.929	0.929		0	0	0	0	0	
High Int. 08:00 AM	0	66	0	0	66		63	0	1	1	64		0	54	67	67	121		0	0	0	0	0	
Volume	0	66	0	0	66		63	0	1	1	64		0	54	67	67	121		0	0	0	0	0	
Peak Factor	0	0.943	0	0	0.943		0.943	0	0	0	0.943		0	0.929	0.929	0.929	0.929		0	0	0	0	0	

162

1496

212

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AY1B2A~1
Site Code : 05380002
Start Date : 11/16/2005
Page No : 1

Groups Printed- All Vehicles (Board # D1-1824)

Start Time	Southbound						Liberty Ave Westbound						Smithfield Northbound						Liberty Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
07:00 AM	0	0	0	0	0		8	36	0	20	64		6	0	22	1	29		0	45	0	16	61	
07:15 AM	0	0	0	0	0		10	38	0	21	69		20	0	20	2	42		0	49	0	18	67	
07:30 AM	0	0	0	0	0		13	51	0	29	93		24	0	37	2	63		0	56	0	17	73	
07:45 AM	0	0	0	0	0		10	57	0	20	87		21	0	41	2	64		0	66	1	23	90	
Total	0	0	0	0	0		41	182	0	90	313		71	0	120	7	198		0	216	1	74	291	
08:00 AM	0	0	0	0	0		11	68	0	29	108		20	0	40	3	63		0	55	0	20	75	
08:15 AM	0	0	0	0	0		9	49	0	22	80		13	0	38	1	52		0	54	0	20	74	
08:30 AM	0	0	0	0	0		4	57	0	8	69		20	0	44	3	67		0	51	0	17	68	
08:45 AM	0	0	0	0	0		5	47	0	16	68		20	0	24	0	44		0	40	1	15	56	
Total	0	0	0	0	0		29	221	0	75	325		73	0	146	7	226		0	200	1	72	273	
Grand Total	0	0	0	0	0		70	403	0	165	638		144	0	266	14	424		0	416	2	146	564	
Approach %	0.0	0.0	0.0	0.0	0.0		11.0	63.2	0.0	25.9		34.0	0.0	62.7	3.3			0.0	73.8	0.4	25.9			
Total %	0.0	0.0	0.0	0.0	0.0		4.3	24.8	0.0	10.1	39.2		8.9	0.0	16.4	0.9	26.1		0.0	25.6	0.1	9.0	34.7	

Start Time	Southbound						Liberty Ave Westbound						Smithfield Northbound						Liberty Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
07:45 Volume	0	0	0	0	0		43	225	0	0	268		78	0	156		234		0	231	1	232		
07:45 Percent	0.0	0.0	0.0	0.0	0.0		16.0	84.0	0.0	0.0			33.3	0.0	66.7		62		0.0	99.6	0.4			
07:45 Peak Factor	0	0	0	0	0		10	57	0	0	67		21	0	41		62		0	66	1	67		
High Int. Volume	0	0	0	0	0		08:00 AM	68	0	0	79		07:45 AM	0	41		62		07:45 AM	66	1	67		
High Int. Peak Factor	0	0	0	0	0		11		0	0.848		21	0		0.944				0			0.866		
08:00 Volume	0	0	0	0	0		29	221	0	0	250		73	0	146		219		0	200	1	201		
08:00 Percent	0.0	0.0	0.0	0.0	0.0		11.6	88.4	0.0	0.0			33.3	0.0	66.7		60		0.0	99.5	0.5			
08:00 Peak Factor	0	0	0	0	0		11	68	0	0	79		20	0	40		60		0	55	0	55		
High Int. Volume	0	0	0	0	0		08:00 AM	68	0	0	79		08:30 AM	0	44		64		08:00 AM	55	0	55		
High Int. Peak Factor	0	0	0	0	0		11		0	0.791		20	0		0.855				0			0.914		

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AY1D2A~1
 Site Code : 05380003
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board #D1-2264)

Start Time	Smithfield St Southbound				Seventh Ave Westbound				Smithfield St Northbound				Seventh Ave Eastbound				Int. Total				
	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left		Thru	Right	HV	App. 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 AM	3	3	0	6	12	0	56	2	6	64	0	23	9	1	33	0	37	0	3	40	149
07:15 AM	3	7	0	9	19	0	66	5	8	79	0	34	15	1	50	0	48	0	3	51	199
07:30 AM	2	11	1	13	27	0	49	7	9	65	0	54	13	2	69	1	64	0	2	67	228
07:45 AM	4	6	1	9	20	0	39	4	9	52	0	59	28	1	88	2	52	0	0	54	214
Total	12	27	2	37	78	0	210	18	32	260	0	170	65	5	240	3	201	0	8	212	790
08:00 AM	1	9	0	10	20	0	48	2	8	58	0	59	16	2	77	2	54	0	3	59	214
08:15 AM	3	5	0	8	16	0	54	10	4	68	1	42	22	1	66	0	69	1	3	73	223
08:30 AM	1	6	0	7	14	0	47	11	7	65	0	46	18	1	65	2	63	0	5	70	214
08:45 AM	3	5	0	6	14	0	48	8	4	60	0	45	21	2	68	0	58	0	1	59	201
Total	8	25	0	31	64	0	197	31	23	251	1	192	77	6	276	4	244	1	12	261	852
Grand Total	20	52	2	68	142	0	407	49	55	511	1	362	142	11	516	7	445	1	20	473	1642
Approach %	14.1	36.6	1.4	47.9		0.0	79.6	9.6	10.8		0.2	70.2	27.5	2.1		1.5	94.1	0.2	4.2		
Total %	1.2	3.2	0.1	4.1	8.6	0.0	24.8	3.0	3.3	31.1	0.1	22.0	8.6	0.7	31.4	0.4	27.1	0.1	1.2	28.8	

Start Time	Smithfield St Southbound				Seventh Ave Westbound				Smithfield St Northbound				Seventh Ave Eastbound				Int. Total				
	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left	Thru	Right	HV	App. Total	Left		Thru	Right	HV	App. Total
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Intersection 07:30 AM	10	31	2	43		0	190	23		213	1	214	79		294	5	239	1		245	795
Volume	23.3	72.1	4.7		0.0	89.2	10.8			64	0.3	72.8	26.9		65	2.0	97.6	0.4		70	207
Percent	3	5	0	8	0	54	10			64	1	42	22		65	0	69	1		70	0.960
08:15 Volume																					
Peak Factor	0.7:30 AM				08:15 AM	07:45 AM				08:15 AM	0	59	28		0.832	0	69	1		0.875	
High Int. Volume	2	11	1	14	0	54	10			64	0	59	28		87	0	69	1		70	
Peak Factor				0.768		0.832				0.832					0.845						
Peak Hour From 08:00 AM to 08:45 AM - Peak 1 of 1																					
Intersection 08:00 AM	8	25	0	33		0	197	31		228	1	192	77		270	4	244	1		249	780
Volume	24.2	75.8	0.0		0.0	86.4	13.6			64	0.4	71.1	28.5		65	1.6	98.0	0.4		70	207
Percent	3	5	0	8	0	54	10			64	1	42	22		65	0	69	1		70	0.942
08:15 Volume																					
Peak Factor	08:00 AM			0.825	08:15 AM	08:00 AM				08:15 AM	0	59	16		0.891	0	69	1		0.889	
High Int. Volume	1	9	0	10	0	54	10			64	0	59	16		75	0	69	1		70	
Peak Factor				0.825		0.891				0.891					0.900						

2.2

5.2

10.2

1.8
9.4

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AY1E44~1
 Site Code : 53800041
 Start Date : 11/22/2005
 Page No : 1

Groups Printed- All Vehicles (Board # 620)

Start Time	Grant St Southbound				Liberty Ave Westbound				Grant St Northbound				Liberty Ave Eastbound								
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	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 AM	0	88	35	15	138	13	20	1	25	59	0	148	13	16	177	23	11	6	17	57	431
07:15 AM	0	126	29	19	174	12	20	0	29	61	1	198	13	23	235	43	9	16	13	81	551
07:30 AM	0	113	34	14	161	22	29	5	43	99	1	218	10	14	243	32	12	8	18	70	573
07:45 AM	0	112	30	17	159	5	14	0	14	33	1	139	14	17	171	40	19	15	16	90	453
Total	0	439	128	65	632	52	83	6	111	252	3	703	50	70	826	138	51	45	64	298	2008
08:00 AM	0	130	37	11	178	10	32	1	37	80	2	134	13	18	167	39	13	15	18	85	510
08:15 AM	0	161	41	21	223	8	18	1	24	51	0	139	15	16	170	36	17	6	23	82	526
08:30 AM	0	146	45	17	208	10	8	2	15	35	0	187	15	18	220	52	10	9	15	86	549
08:45 AM	0	119	28	13	160	4	14	1	17	36	3	161	10	17	191	50	13	8	22	93	480
Total	0	556	151	62	769	32	72	5	93	202	5	621	53	69	748	177	53	38	78	346	2065
Grand Total	0	995	279	127	1401	84	155	11	204	454	8	1324	103	139	1574	315	104	83	142	644	4073
Approch %	0.0	71.0	19.9	9.1		18.5	34.1	2.4	44.9		0.5	84.1	6.5	8.8		48.9	16.1	12.9	22.0		
Total %	0.0	24.4	6.8	3.1	34.4	2.1	3.8	0.3	5.0	11.1	0.2	32.5	2.5	3.4	38.6	7.7	2.6	2.0	3.5	15.8	

Start Time	Grant St Southbound				Liberty Ave Westbound				Grant St Northbound				Liberty Ave Eastbound									
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Int. Total	
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																						
Intersection 07:15 AM	0	481	130		611	49	95	6		150	5	689	50		744	154	53	54		261	1766	
Volume	0	78.7	21.3			32.7	63.3	4.0			0.7	92.6	6.7			59.0	20.3	20.7				
Percent	0.0	0	113	34	147	22	29	5		56	1	218	10		229	32	12	8		52	484	
07:30 Volume	0	113	34			22	29	5		56	1	218	10		229	32	12	8		52	484	
Peak Factor																					0.912	
High Int. 08:00 AM	0	130	37		167	22	29	5		56	1	218	10		229	40	19	15		74	0.912	
Volume	0	130	37		167	22	29	5		56	1	218	10		229	40	19	15		74	0.912	
Peak Factor					0.915					0.670					0.812						0.882	
Peak Hour From 08:00 AM to 08:45 AM - Peak 1 of 1																						
Intersection 08:00 AM	0	556	151		707	32	72	5		109	5	621	53		679	177	53	38		268	1763	
Volume	0	78.6	21.4			29.4	66.1	4.6			0.7	91.5	7.8			66.0	19.8	14.2				
Percent	0.0	0	146	45	191	10	8	2		20	0	187	15		202	52	10	9		71	484	
08:30 Volume	0	146	45			10	8	2		20	0	187	15		202	52	10	9		71	484	
Peak Factor																					0.911	
High Int. 08:15 AM	0	161	41		202	10	32	1		43	0	187	15		202	52	10	9		71	0.911	
Volume	0	161	41		202	10	32	1		43	0	187	15		202	52	10	9		71	0.911	
Peak Factor					0.875					0.634					0.840						0.944	

21%

10%

85%

9%

Trans Associates
Twin Towers, Suite 400
4955 Steubenville Pike
Pittsburgh, PA 15205

File Name : AY9E44~1
Site Code : 05380042
Start Date : 11/22/2005
Page No : 1

Groups Printed- All Vehicles (Board # D4-1943)

Start Time	11th Southbound						Liberty Ave Westbound						Northbound						Liberty Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Factor	Left	Thru	Right	T/B	App. Total	Factor	Left	Thru	Right	T/B	App. Total	Factor	Left	Thru	Right	T/B	App. Total	Factor
	07:00 AM	12	0	20	1.0	37	1.0	0	103	3	10	1.0	0	0	0	0	0	0	0	33	126	0	12	171
07:15 AM	34	0	28	5	67	1.0	0	135	10	15	1.0	0	0	0	0	0	0	0	53	148	0	16	217	1.0
07:30 AM	37	0	44	7	88	1.0	0	139	23	5	1.0	0	0	0	0	0	0	0	67	162	0	12	241	1.0
07:45 AM	43	0	31	11	85	1.0	0	153	19	12	1.0	0	0	0	0	0	0	0	49	143	0	5	197	1.0
Total	126	0	123	28	277	1.0	0	530	55	42	1.0	0	0	0	0	0	0	0	202	579	0	45	826	1.0
08:00 AM	36	0	27	8	71	1.0	0	154	21	6	1.0	0	0	0	0	0	0	0	47	148	0	11	206	1.0
08:15 AM	31	0	41	6	78	1.0	0	178	14	10	1.0	0	0	0	0	0	0	0	47	114	0	7	168	1.0
08:30 AM	28	0	35	4	67	1.0	0	155	15	9	1.0	0	0	0	0	0	0	0	63	154	0	12	229	1.0
08:45 AM	22	0	30	5	57	1.0	0	131	11	5	1.0	0	0	0	0	0	0	0	52	147	0	10	209	1.0
Total	117	0	133	23	273	1.0	0	618	61	30	1.0	0	0	0	0	0	0	0	209	563	0	40	812	1.0
Grand Total	243	0	256	51	550	1.0	0	1148	116	72	1.0	0	0	0	0	0	0	0	411	1142	0	85	1638	1.0
Approch %	44.2	0.0	46.5	9.3	15.6	1.0	0.0	85.9	8.7	5.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.1	69.7	0.0	5.2	46.5	1.0
Total %	6.9	0.0	7.3	1.4	15.6	1.0	0.0	32.6	3.3	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	32.4	0.0	2.4	46.5	1.0

Start Time	11th Southbound						Liberty Ave Westbound						Northbound						Liberty Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Factor	Left	Thru	Right	T/B	App. Total	Factor	Left	Thru	Right	T/B	App. Total	Factor	Left	Thru	Right	T/B	App. Total	Factor
	Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1	147	0	143	0	290	1.0	0	624	77	1.0	0	1.0	0	0	0	0	0	0	0	210	567	0	777
Intersection 07:30 AM	50.7	0.0	49.3	0	81	1.0	0.0	89.0	11.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	73.0	162	0	229	1.0	
Peak Factor	37	0	44	0	81	1.0	0	139	23	1.0	0	0	0	0	0	0	0	67	162	0	0	0	1.0	
High Int. 07:30 AM	37	0	44	0	81	1.0	08:15 AM	0	178	14	1.0	0	0	6:45:00 AM	0	0	0	0	07:30 AM	67	162	0	229	1.0
Volume	37	0	44	0	81	1.0	0	178	14	1.0	0	0	0	0	0	0	0	67	162	0	0	229	1.0	
Peak Factor	37	0	44	0	81	1.0	0	178	14	1.0	0	0	0	0	0	0	0	67	162	0	0	229	1.0	
Peak Hour From 08:00 AM to 08:45 AM - Peak 1 of 1	117	0	133	0	250	1.0	0	618	61	1.0	0	0	0	0	0	0	0	0	209	563	0	772	1.0	
Intersection 08:00 AM	46.8	0.0	53.2	0	63	1.0	0.0	91.0	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	72.9	154	0	217	1.0	
Peak Factor	28	0	35	0	63	1.0	0	155	15	1.0	0	0	0	0	0	0	0	63	154	0	0	217	1.0	
High Int. 08:15 AM	31	0	41	0	72	1.0	08:15 AM	0	178	14	1.0	0	0	08:30 AM	63	154	0	217	1.0					
Volume	31	0	41	0	72	1.0	0	178	14	1.0	0	0	63	154	0	0	217	1.0						
Peak Factor	31	0	41	0	72	1.0	0	178	14	1.0	0	0	63	154	0	0	217	1.0						

59

4%

9%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#01_PM
 Site Code : 00000001
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-1926)

Start Time	Liberty Ave Southbound				Seventh Ave Westbound				Liberty Ave Northbound				Seventh Ave Eastbound										
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
Factor	2	73	0	14	75	44	6	0	6	50	0	68	66	13	134	0	0	0	0	0	33	259	292
04:00 PM	15	65	0	12	80	23	0	2	6	25	0	68	69	18	137	0	0	0	0	0	36	242	278
04:30 PM	2	82	1	17	85	52	0	0	10	52	0	85	71	31	156	0	0	0	0	0	58	293	351
04:45 PM	0	61	0	9	61	55	0	0	7	55	0	63	81	22	144	0	0	0	0	0	38	260	298
Total	19	281	1	52	301	174	6	2	29	182	0	284	287	84	571	0	0	0	0	0	165	1054	1219
05:00 PM	2	92	0	24	94	59	0	0	7	59	0	75	86	34	161	0	0	0	0	0	65	314	379
05:15 PM	1	78	0	9	79	71	0	0	5	71	0	80	82	20	162	0	0	0	0	0	34	312	346
05:30 PM	1	65	0	11	66	62	0	0	6	62	0	55	102	18	157	0	0	0	0	0	35	285	320
Grand Total	23	516	1	96	540	366	6	2	47	374	0	494	557	156	1051	0	0	0	0	0	299	1965	2264
Approch %	4.3	95.6	0.2		27.5	97.9	1.6	0.5		19.0	0.0	47.0	53.0		53.5	0.0	0.0	0.0	0.0	0.0	13.2	86.8	
Total %	1.2	26.3	0.1			18.6	0.3	0.1			0.0	25.1	28.3			0.0	0.0	0.0	0.0	0.0			

Start Time	Liberty Ave Southbound				Seventh Ave Westbound				Liberty Ave Northbound				Seventh Ave Eastbound											
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	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	1.0	1.0	1.0	1.0				
Peak Hour From 04:00 PM to 05:30 PM - Peak 1 of 1	5	313	1		319	237	0	0		237	0	303	320		623	0	0	0		0	0	0	0	1179
Volume	1.6	98.1	0.3		100.0	100.0	0.0	0.0		59	0.0	48.6	51.4		161	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Percent	2	92	0		94	59	0	0		59	0	75	86		161	0	0	0		0	0	0	0	314
Peak Factor																								0.939
High Int. Volume	2	92	0		94	71	0	0		71	0	80	82		162	0	0	0		0	0	0	0	
Peak Factor					0.848					0.835					0.961									
Peak Hour From 04:45 PM to 05:30 PM - Peak 1 of 1	4	296	0		300	247	0	0		247	0	273	351		624	0	0	0		0	0	0	0	1171
Volume	1.3	98.7	0.0		100.0	100.0	0.0	0.0		59	0.0	43.8	56.3		161	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Percent	2	92	0		94	59	0	0		59	0	75	86		161	0	0	0		0	0	0	0	314
Peak Factor																								0.932
High Int. Volume	2	92	0		94	71	0	0		71	0	80	82		162	0	0	0		0	0	0	0	
Peak Factor					0.798					0.870					0.963									

HN = 18%
 HN = 10%
 HN = 15%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#02_PM
 Site Code : 05380002
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-0664)

Start Time	Smithfield Southbound					Liberty Ave Westbound					Smithfield Northbound					Liberty Ave Eastbound				
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total
	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	1.0	1.0	1.0	1.0
Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	11	53	0	18	64	20	0	45	2	65	0	66	0	16	66
04:15 PM	0	0	0	0	0	6	61	0	13	67	24	0	31	4	55	0	72	2	16	74
04:30 PM	0	0	0	0	0	8	63	0	26	71	21	0	47	1	68	0	75	0	20	75
04:45 PM	0	0	0	0	0	7	53	0	19	60	25	0	47	1	72	0	80	0	26	80
Total	0	0	0	0	0	32	230	0	76	262	90	0	170	8	260	0	293	2	78	295
05:00 PM	0	0	0	0	0	11	61	0	31	72	28	0	55	1	83	0	73	0	26	73
05:15 PM	0	0	0	0	0	9	58	0	20	67	22	0	41	1	63	0	86	0	21	86
05:30 PM	0	0	0	0	0	8	40	0	19	48	24	0	32	3	56	0	65	0	13	65
05:45 PM	0	0	0	0	0	4	45	0	8	49	11	0	33	0	44	0	71	1	15	72
Total	0	0	0	0	0	32	204	0	78	236	85	0	161	5	246	0	295	1	75	296
Grand Total	0	0	0	0	0	64	434	0	154	498	175	0	331	13	506	0	588	3	153	591
Approch %	0.0	0.0	0.0	0.0	0.0	12.9	87.1	0.0		34.6	0.0	0.0	65.4		0.0	0.0	99.5	0.5		37.1
Total %	0.0	0.0	0.0	0.0	0.0	4.0	27.2	0.0		31.7	0.0	0.0	20.8		31.7	0.0	36.9	0.2		37.1

Start Time	Smithfield Southbound					Liberty Ave Westbound					Smithfield Northbound					Liberty Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intersection 04:30 PM	0	0	0	0	0	35	235	0		270	96	0	190		286	0	314	0		314	
Volume	0	0	0	0	0	13.0	87.0	0.0		0.0	33.6	0.0	66.4		0.0	0.0	100.0	0.0		0.0	
Percent	0.0	0.0	0.0	0.0	0.0	11	61	0		72	28	0	55		83	0	73	0		73	
05:00 Volume	0	0	0	0	0	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM
Peak Factor	0	0	0	0	0	0.0	0.0	0.0	0.0	0.938	0.0	0.0	0.0	0.0	0.861	0.0	0.0	0.0	0.0	0.913	
High Int. 3:45:00 PM	0	0	0	0	0	11	61	0		72	28	0	55		83	0	86	0		86	
Volume	0	0	0	0	0	11	61	0		0.938	28	0	55		0.861	0	86	0		0.913	
Peak Factor	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Peak Hour From 04:45 PM to 05:30 PM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intersection 04:45 PM	0	0	0	0	0	35	212	0		247	99	0	175		274	0	304	0		304	
Volume	0	0	0	0	0	14.2	85.8	0.0		0.0	36.1	0.0	63.9		0.0	0.0	100.0	0.0		0.0	
Percent	0.0	0.0	0.0	0.0	0.0	11	61	0		72	28	0	55		83	0	73	0		73	
05:00 Volume	0	0	0	0	0	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:00 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	05:15 PM	
Peak Factor	0	0	0	0	0	0.0	0.0	0.0	0.0	0.858	0.0	0.0	0.0	0.0	0.825	0.0	0.0	0.0	0.0	0.884	
High Int.	0	0	0	0	0	11	61	0		72	28	0	55		83	0	86	0		86	
Volume	0	0	0	0	0	11	61	0		0.858	28	0	55		0.825	0	86	0		0.884	
Peak Factor	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

HN = 36%

HN = 2%

HN = 28%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#03_PM
 Site Code : 53800003
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (board # D4-2157)

Start Time	Smithfield Southbound						Seventh Ave Westbound						Smithfield Northbound						Seventh Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Int. Total	Left	Thru	Right	T/B	App. Total	Int. Total	Left	Thru	Right	T/B	App. Total	Int. Total	Left	Thru	Right	T/B	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	4	6	0	8	10	0	0	43	8	3	51	0	0	50	41	0	91	1	1	87	1	1	89	12
04:15 PM	4	5	0	7	9	0	22	5	6	6	27	0	51	35	1	1	86	1	74	0	3	75	17	197
04:30 PM	3	4	0	7	7	1	49	9	9	9	59	0	57	24	1	1	81	0	84	0	4	84	21	231
04:45 PM	2	7	0	9	9	0	53	15	6	6	68	0	52	41	1	1	93	0	72	1	3	73	19	243
Total	13	22	0	31	35	1	167	37	24	24	205	0	210	141	3	3	351	2	317	2	11	321	69	912
05:00 PM	2	9	0	11	11	0	53	6	8	8	59	0	84	43	1	1	127	1	92	0	3	93	23	290
05:15 PM	2	6	0	8	8	0	60	2	4	4	62	0	52	38	0	0	90	2	83	0	1	85	13	245
05:30 PM	2	6	0	8	8	0	63	4	6	6	67	0	54	38	3	3	92	1	89	2	1	92	18	259
05:45 PM	3	2	0	4	5	0	57	5	1	1	62	0	38	35	0	0	73	2	71	0	3	73	8	213
Total	9	23	0	31	32	0	233	17	19	19	250	0	228	154	4	4	382	6	335	2	8	343	62	1007
Grand Total	22	45	0	62	67	1	400	54	43	43	455	0	438	295	7	7	733	8	652	4	19	664	131	1919
Approch %	32.8	67.2	0.0			0.2	87.9	11.9			23.7	0.0	59.8	40.2			38.2	1.2	98.2	0.6			34.6	6.4
Total %	1.1	2.3	0.0		3.5	0.1	20.8	2.8			23.7	0.0	22.8	15.4			38.2	0.4	34.0	0.2			34.6	93.6

Start Time	Smithfield Southbound						Seventh Ave Westbound						Smithfield Northbound						Seventh Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Int. Total	Left	Thru	Right	T/B	App. Total	Int. Total	Left	Thru	Right	T/B	App. Total	Int. Total	Left	Thru	Right	T/B	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	8	28	0	36	36	0	0	229	27	256	27	0	0	242	160	402	4	4	336	3	343	3	1037	
Volume	22.2	77.8	0.0			0.0	0.0	89.5	10.5	0.0	10.5	0.0	60.2	39.8	0.9	127	1.2	98.0	0.9			0.9	1037	
Percent	2	9	0	11	11	0	0	53	6	59	6	0	84	43	0	127	1	92	0			0	290	
Peak Factor	0.818						0.818						0.818						0.818					0.894
High Int. Volume	2	9	0	11	11	0	0	53	15	68	15	0	84	43	0	127	1	92	0			0	290	
Peak Factor	0.818						0.818						0.818						0.818					0.894

HV = 100%

HV = 97%

HV = 1%

HV = 2%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#04_a_2_PM
 Site Code : 05380004
 Start Date : 11/29/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-1823)

Start Time	Liberty Ave Southbound					Bus Station Driveway Westbound					Grant St Northbound					Liberty Ave Eastbound							
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
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	1.0	1.0	1.0	1.0			
04:00 PM	0	189	24	4	213	11	20	3	27	34	0	155	5	7	160	67	13	20	17	100	55	507	562
04:15 PM	0	176	29	7	205	13	16	2	22	31	0	129	14	19	143	71	17	22	14	110	62	489	551
04:30 PM	2	253	32	5	287	9	37	5	40	51	0	149	23	23	172	69	21	17	34	107	102	617	719
04:45 PM	0	245	43	3	288	12	27	2	23	41	0	161	18	19	179	97	33	14	39	144	84	652	736
Total	2	863	128	19	993	45	100	12	112	157	0	594	60	68	654	304	84	73	104	461	303	2265	2568
05:00 PM	1	253	26	0	280	21	32	4	40	57	0	137	19	23	156	93	19	10	29	122	92	615	707
05:15 PM	0	211	45	4	256	11	20	5	27	36	0	194	33	29	227	166	27	30	32	223	92	742	834
05:30 PM	1	223	20	3	244	29	30	6	31	65	0	234	25	15	259	134	27	17	31	178	80	746	826
05:45 PM	0	176	26	2	202	6	11	2	13	19	1	208	21	17	230	70	15	7	16	92	48	543	591
Total	2	863	117	9	982	67	93	17	111	177	1	773	98	84	872	463	88	64	108	615	312	2646	2958
Grand Total	4	1726	245	28	1975	112	193	29	223	334	1	1367	158	152	1526	767	172	137	212	1076	615	4911	5526
Approach %	0.2	87.4	12.4		40.2	33.5	57.8	8.7		6.8	0.1	89.6	10.4		31.1	71.3	16.0	12.7		21.9	11.1	88.9	
Total %	0.1	35.1	5.0			2.3	3.9	0.6			0.0	27.8	3.2			15.6	3.5	2.8					

Start Time	Liberty Ave Southbound					Bus Station Driveway Westbound					Grant St Northbound					Liberty Ave Eastbound							
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	2	932	134		1068	73	109			17	199	0	726	95	821	490	71			106	667		2755
Intersection 04:45 PM	0.2	87.3	12.5		244	36.7	54.8			8.5	65	0.0	88.4	11.6	259	73.5	10.6			15.9	178		746
05:30 Volume	1	223	20		244	29	30			6	65	0	234	25	259	134	17			27	178		746
Peak Factor																							0.923
High Int. 04:45 PM	0	245	43		288	29	30			6	65	0	234	25	259	166	30			27	223		746
Volume	0				0.927					6	0.765				0.792						0.748		2755
Peak Factor																							0.923

HW = 17%

HW = 61%

HW = 10%

HW = 20%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#04_b_2_PM
 Site Code : 05380041
 Start Date : 11/29/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-2263)

Start Time	Liberty Ave Southbound					Westbound					Liberty Ave Northbound					11th St Eastbound							
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
Factor	0	165	7	4	172	0	0	0	0	0	19	193	0	10	212	17	0	79	0	96	14	480	494
04:00 PM	0	120	3	2	123	0	0	0	0	0	23	160	0	10	183	17	0	63	3	80	15	386	401
04:15 PM	0	188	27	4	215	0	0	0	0	0	31	171	0	10	202	24	0	71	0	95	14	512	526
04:30 PM	0	167	20	3	187	0	0	0	0	0	34	178	0	7	212	17	0	96	2	113	12	512	524
04:45 PM	0	640	57	13	697	0	0	0	0	0	107	702	0	37	809	75	0	309	5	384	55	1890	1945
Total	0	197	24	0	221	0	0	0	0	0	38	191	0	14	229	44	0	87	1	131	15	581	596
05:00 PM	0	168	30	2	198	0	0	0	0	0	43	225	0	7	268	43	0	107	0	150	9	616	625
05:15 PM	0	148	14	1	162	0	0	0	0	0	36	249	0	8	285	36	0	61	0	97	9	544	553
05:30 PM	0	118	11	1	129	0	0	0	0	0	28	246	0	10	274	39	0	66	0	105	11	508	519
05:45 PM	0	631	79	4	710	0	0	0	0	0	145	911	0	39	1056	162	0	321	1	483	44	2249	2293
Grand Total	0	1271	136	17	1407	0	0	0	0	0	252	1613	0	76	1865	237	0	630	6	867	99	4139	4238
Approch %	0.0	90.3	9.7		34.0	0.0	0.0	0.0		0.0	13.5	86.5	0.0		45.1	27.3	0.0	72.7		20.9	2.3	97.7	
Total %	0.0	30.7	3.3			0.0	0.0	0.0		0.0	6.1	39.0	0.0			5.7	0.0	15.2					

Start Time	Liberty Ave Southbound					Westbound					Liberty Ave Northbound					11th St Eastbound							
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	680	88		768	0	0	0		0	151	843	0		994	140	0	351		491			2253
Volume	0	88.5	11.5		198	0.0	0.0	0.0		0.0	15.2	84.8	0.0		268	28.5	0.0	71.5		150			616
Percent	0	168	30			0	0	0		0	43	225	0			43	0	107					0.914
Peak Factor																							
High Int. Volume	0	197	24		221	0	0	0		0	36	249	0		285	43	0	107		150			0.818
Peak Factor	0	30.7	3.3		0.869	0	0	0		0	0.872				0.872	0.872							

HW = 107

HW = 42

HW = 17

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#05_PM
 Site Code : 05380005
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # 620)

Start Time	Grant Street Southbound						Seventh Ave Westbound						Grant Street Northbound						Seventh Ave Eastbound									
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
04:00 PM	32	39	5	2	76	6	22	11	3	39	8	35	12	5	55	1	42	5	3	48	13	218	231					
04:15 PM	94	117	8	11	219	20	48	50	7	118	20	107	49	15	176	4	125	14	9	143	42	656	698					
04:30 PM	103	125	13	12	241	16	61	53	6	130	18	93	47	26	158	3	107	18	10	128	54	657	711					
04:45 PM	106	136	16	6	258	21	76	49	7	146	18	89	30	17	137	2	134	10	6	146	36	687	723					
Total	335	417	42	31	794	63	207	163	23	433	64	324	138	63	526	10	408	47	28	465	145	2218	2363					
05:00 PM	101	112	15	15	228	23	75	56	7	154	15	89	36	18	140	1	116	24	8	141	48	663	711					
05:15 PM	110	132	7	8	249	26	93	51	6	170	26	97	38	27	161	4	148	20	9	172	50	752	802					
05:30 PM	89	106	16	9	211	30	91	70	5	191	22	100	50	13	172	4	121	14	4	139	31	713	744					
05:45 PM	71	85	13	8	169	23	68	53	7	144	19	94	39	12	152	6	91	15	6	112	33	577	610					
Total	371	435	51	40	857	102	327	230	25	659	82	380	163	70	625	15	476	73	27	564	162	2705	2867					
Grand Total	706	852	93	71	1651	165	534	393	48	1092	146	704	301	133	1151	25	884	120	55	1029	307	4923	5230					
Approch %	42.8	51.6	5.6		33.5	15.1	48.9	36.0		22.2	12.7	61.2	26.2		23.4	0.5	18.0	2.4		20.9	5.9	94.1						
Total %	14.3	17.3	1.9			3.4	10.8	8.0			3.0	14.3	6.1															

Start Time	Grant Street Southbound						Seventh Ave Westbound						Grant Street Northbound						Seventh Ave Eastbound										
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
																													1.0
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																													
Intersection 04:45 PM																													
Volume	406	486	54		946	100	335	226		661	81	375	154		610	11	519	68		598	2815								
Percent	42.9	51.4	5.7		249	15.1	50.7	34.2		170	13.3	61.5	25.2		161	1.8	86.8	11.4		172	752								
05:15 Volume	110	132	7		249	26	93	51		170	26	97	38		161	4	148	20		172	0.936								
Peak Factor																													
High Int. 04:45 PM																													
Volume	106	136	16		258	30	91	70		191	22	100	50		172	4	148	20		172	0.869								
Peak Factor																													

HW = 47%

HW = 47%

HW = 12%

HW = 5%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#06_PM
 Site Code : 05380006
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-2263)

Start Time	Ramps Southbound				Ramps Northbound				Ramps Eastbound				Int. Total									
	Left	Thru	Right	T/B	App. Total	Left	Off-Ramp	T/B	App. Total	Into Drive way	Thru	Out of Drive way		T/B	App. Total	On-Ramp	On-Ramp	Right	T/B	App. Total	Exclu. Total	Inclu. 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	1.0	1.0			
04:00 PM	0	0	0	0	0	96	31	4	127	1	0	1	0	2	137	120	1	10	258	14	387	401
04:15 PM	0	0	0	0	0	72	43	8	115	0	4	4	0	4	134	137	0	12	271	20	390	410
04:30 PM	1	0	0	0	1	79	51	7	130	3	0	2	1	5	147	116	0	7	263	15	399	414
04:45 PM	1	0	0	0	1	97	44	11	141	3	0	7	0	10	167	129	0	10	296	21	448	469
Total	2	0	0	0	2	344	169	30	513	7	0	14	1	21	585	502	1	39	1088	70	1624	1694
05:00 PM	0	0	0	0	0	95	50	6	145	0	0	0	0	0	144	142	0	7	286	13	431	444
05:15 PM	0	0	0	0	0	82	90	5	172	0	3	1	1	3	180	173	0	14	353	20	528	548
05:30 PM	0	0	0	0	0	97	93	5	191	0	0	0	0	0	152	147	0	5	299	10	490	500
05:45 PM	0	0	0	0	0	86	67	4	153	0	0	0	0	0	121	122	0	5	243	9	396	405
Total	0	0	0	0	0	360	300	20	661	0	0	3	1	3	597	584	0	31	1181	52	1845	1897
Grand Total	2	0	0	0	2	704	469	50	1174	7	0	17	2	24	1182	1086	1	70	2269	122	3469	3591
Approch %	100.0	0.0	0.0	0.0	0.1	60.0	39.9		33.8	29.2	0.0	70.8		0.7	52.1	47.9	0.0		65.4			
Total %	0.1	0.0	0.0	0.0	0.0	20.3	13.5		33.8	0.2	0.0	0.5		0.7	34.1	31.3	0.0		65.4	3.4	96.6	

Start Time	Ramps Southbound				Ramps Northbound				Ramps Eastbound				Int. Total									
	Left	Thru	Right	T/B	App. Total	Left	Off-Ramp	T/B	App. Total	Into Drive way	Thru	Out of Drive way		T/B	App. Total	On-Ramp	On-Ramp	Right	T/B	App. Total	Exclu. Total	Inclu. Total
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	1	0	0	0	1	1	371	277	649	3	0	10	13	643	591	0	1234	1897				
Intersection 04:45 PM	1	0	0	0	1	0.2	57.2	42.7	649	23.1	0.0	76.9	13	52.1	47.9	0.0	1234	1897				
Volume	100.0	0.0	0.0	0.0	100.0	0.2	57.2	42.7	649	23.1	0.0	76.9	13	52.1	47.9	0.0	1234	1897				
Percent	0	0	0	0	0	0	82	90	172	0	0	3	3	180	173	0	353	528				
Peak Factor	0.250	0	0	0	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
High Int. 04:45 PM	1	0	0	0	1	97	93	191	191	04:45 PM	3	7	10	180	173	0	353	528				
Volume	1	0	0	0	1	97	93	191	191	04:45 PM	3	7	10	180	173	0	353	528				
Peak Factor	0.250	0	0	0	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250

HW=17.
 HW=87.
 HW=37.

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#07_PM
 Site Code : 05380007
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-1823)

Start Time	Grant St Southbound				Sixth Ave Westbound				grant St Northbound				Sixth Ave Eastbound				Int. Total					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total				
	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							
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							
04:00 PM	31	115	11	12	157	40	69	47	6	156	15	90	38	11	143	13	54	80	37	536	573	
04:15 PM	37	88	9	8	134	33	59	42	10	134	17	80	44	15	141	21	57	10	6	39	497	536
04:30 PM	49	105	5	2	159	34	69	64	9	167	21	91	49	21	161	15	61	14	6	38	577	615
04:45 PM	39	121	8	7	168	32	67	49	6	148	20	96	50	19	166	20	59	7	95	39	577	616
Total	156	429	33	29	618	139	264	202	31	605	73	357	181	66	611	69	231	53	27	153	2187	2340
05:00 PM	42	117	12	7	171	33	62	35	3	130	43	64	46	19	153	21	61	7	4	33	543	576
05:15 PM	52	181	14	9	247	19	84	53	8	156	25	114	35	26	174	23	87	13	10	53	700	753
05:30 PM	35	113	9	5	157	19	73	60	5	152	25	96	48	14	169	17	73	13	7	31	581	612
05:45 PM	49	111	11	10	171	30	91	54	6	175	26	117	60	14	203	21	55	14	6	36	639	675
Total	178	522	46	31	746	101	310	202	22	613	119	391	189	73	699	82	276	47	27	153	2463	2616
Grand Total	334	951	79	60	1364	240	574	404	53	1218	192	748	370	139	1310	151	507	100	54	306	4650	4956
Approch %	24.5	69.7	5.8			19.7	47.1	33.2			14.7	57.1	28.2			19.9	66.9	13.2				
Total %	7.2	20.5	1.7			5.2	12.3	8.7			4.1	16.1	8.0			3.2	10.9	2.2		6.2	93.8	

Start Time	Grant St Southbound				Sixth Ave Westbound				grant St Northbound				Sixth Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total					
	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								
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								
05:00 PM	46	178	522	46	31	746	101	310	202	22	613	119	391	189	73	699	82	276	47	27	153	2463	2616
05:15 PM	52	181	14	9	247	19	84	53	8	156	25	114	35	26	174	23	87	13	10	53	700	753	
05:30 PM	35	113	9	5	157	19	73	60	5	152	25	96	48	14	169	17	73	13	7	31	581	612	
05:45 PM	49	111	11	10	171	30	91	54	6	175	26	117	60	14	203	21	55	14	6	36	639	675	
Total	178	522	46	31	746	101	310	202	22	613	119	391	189	73	699	82	276	47	27	153	2463	2616	
Grand Total	334	951	79	60	1364	240	574	404	53	1218	192	748	370	139	1310	151	507	100	54	306	4650	4956	
Approch %	24.5	69.7	5.8			19.7	47.1	33.2			14.7	57.1	28.2			19.9	66.9	13.2					
Total %	7.2	20.5	1.7			5.2	12.3	8.7			4.1	16.1	8.0			3.2	10.9	2.2		6.2	93.8		

HW=4%

HW=4%

HW=12%

HW=7%

Peak Hour From 04:45 PM to 05:30 PM - Peak 1 of 1

Start Time	Grant St Southbound				Sixth Ave Westbound				grant St Northbound				Sixth Ave Eastbound				Int. Total					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total				
	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							
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							
04:00 PM	31	115	11	12	157	40	69	47	6	156	15	90	38	11	143	13	54	8	80	37	536	573
04:15 PM	37	88	9	8	134	33	59	42	10	134	17	80	44	15	141	21	57	10	6	39	497	536
04:30 PM	49	105	5	2	159	34	69	64	9	167	21	91	49	21	161	15	61	14	6	38	577	615
04:45 PM	39	121	8	7	168	32	67	49	6	148	20	96	50	19	166	20	59	7	95	39	577	616
Total	156	429	33	29	618	139	264	202	31	605	73	357	181	66	611	69	231	53	27	153	2187	2340
05:00 PM	42	117	12	7	171	33	62	35	3	130	43	64	46	19	153	21	61	7	4	33	543	576
05:15 PM	52	181	14	9	247	19	84	53	8	156	25	114	35	26	174	23	87	13	10	53	700	753
05:30 PM	35	113	9	5	157	19	73	60	5	152	25	96	48	14	169	17	73	13	7	31	581	612
05:45 PM	49	111	11	10	171	30	91	54	6	175	26	117	60	14	203	21	55	14	6	36	639	675
Total	178	522	46	31	746	101	310	202	22	613	119	391	189	73	699	82	276	47	27	153	2463	2616
Grand Total	334	951	79	60	1364	240	574	404	53	1218	192	748	370	139	1310	151	507	100	54	306	4650	4956
Approch %	24.5	69.7	5.8			19.7	47.1	33.2			14.7	57.1	28.2			19.9	66.9	13.2				
Total %	7.2	20.5	1.7			5.2	12.3	8.7			4.1	16.1	8.0			3.2	10.9	2.2		6.2	93.8	

HW=4%

HW=4%

HW=12%

HW=7%

Peak Hour From 04:45 PM to 05:30 PM - Peak 1 of 1

Start Time	Grant St Southbound				Sixth Ave Westbound				grant St Northbound				Sixth Ave Eastbound				Int. Total					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total				
	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							
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							
05:00 PM	42	117	12	7	171	33	62	35	3	130	43	64	46	19	153	21	61	7	4	33	543	576
05:15 PM	52	181	14	9	247	19	84	53	8	156	25	114	35	26	174	23	87	13	10	53	700	753
05:30 PM	35	113	9	5	157	19	73	60	5	152	25	96	48	14	169	17	73	13	7	31	581	612
05:45 PM	49	111	11	10	171	30	91	54	6	175	26	117	60	14	203	21	55	14	6	36	639	675
Total	178	522	46	31	746	101	310	202	22	613	119	391	189	73	699	82	276	47	27	153	2463	2616
Grand Total	334	951	79	60	1364	240	574	404	53	1218	192	748	370	139	1310	151	507	100	54	306	4650	4956
Approch %	24.5	69.7	5.8			19.7	47.1	33.2			14.7	57.1	28.2			19.9	66.9	13.2				
Total %	7.2	20.5	1.7			5.2	12.3	8.7			4.1	16.1	8.0			3.2	10.9	2.2		6.2	93.8	

HW=4%

HW=4%

HW=12%

HW=7%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#09_PM
 Site Code : 05380009
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles

Start Time	Ross Sr Southbound						Sixth Ave Westbound						Ross St Northbound						Sixth Ave Eastbound					
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	31	57	42	1	130	2	51	16	9	2	69	13	53	9	9	2	75	35	63	3	3	5	101	10
04:15 PM	41	63	47	4	151	3	72	18	10	2	93	12	46	10	2	2	68	51	70	9	9	3	130	13
04:30 PM	30	43	46	3	119	6	84	23	5	4	113	12	50	16	4	4	78	35	78	17	0	0	130	12
04:45 PM	44	52	49	1	145	6	75	35	4	3	116	15	64	7	3	3	86	56	75	7	7	1	138	9
Total	146	215	184	9	545	17	282	92	15	11	391	52	213	42	11	307	177	286	36	9	499	44	1742	
05:00 PM	39	60	35	4	134	23	75	23	2	2	121	25	58	20	3	3	103	41	43	11	1	1	95	10
05:15 PM	40	67	28	2	135	5	67	36	1	1	108	22	101	8	1	1	131	58	66	4	4	1	128	5
05:30 PM	48	81	39	1	168	3	75	26	3	0	104	15	59	7	0	0	81	70	76	12	0	0	158	4
05:45 PM	46	82	96	2	224	4	76	16	1	2	96	11	60	5	2	2	76	65	61	14	0	0	140	5
Total	173	290	198	9	661	35	293	101	7	6	429	73	278	40	6	391	234	246	41	2	521	24	2002	
Grand Total	319	505	382	18	1206	52	575	193	22	17	698	125	491	82	17	698	411	532	77	11	1020	68	3744	
Approch %	26.5	41.9	31.7			6.3	70.1	23.5				17.9	70.3	11.7			40.3	52.2	7.5					
Total %	8.5	13.5	10.2		32.2	1.4	15.4	5.2		21.9	3.3	13.1	2.2		18.6	11.0	14.2	2.1		27.2	1.8	98.2		

Start Time	Ross Sr Southbound						Sixth Ave Westbound						Ross St Northbound						Sixth Ave Eastbound					
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
05:00 PM	173	290	198	9	661	35	293	101	7	6	429	73	278	40	6	391	234	246	41	2	521	24	2002	
05:15 PM	173	290	198	9	661	35	293	101	7	6	429	73	278	40	6	391	234	246	41	2	521	24	2002	
05:30 PM	173	290	198	9	661	35	293	101	7	6	429	73	278	40	6	391	234	246	41	2	521	24	2002	
05:45 PM	173	290	198	9	661	35	293	101	7	6	429	73	278	40	6	391	234	246	41	2	521	24	2002	
Total	173	290	198	9	661	35	293	101	7	6	429	73	278	40	6	391	234	246	41	2	521	24	2002	
Grand Total	319	505	382	18	1206	52	575	193	22	17	698	125	491	82	17	698	411	532	77	11	1020	68	3744	
Approch %	26.5	41.9	31.7			6.3	70.1	23.5				17.9	70.3	11.7			40.3	52.2	7.5					
Total %	8.5	13.5	10.2		32.2	1.4	15.4	5.2		21.9	3.3	13.1	2.2		18.6	11.0	14.2	2.1		27.2	1.8	98.2		

W=17
 W=22
 W=17
 W=17

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#10_PM
 Site Code : 00538010
 Start Date : 11/15/2005
 Page No : 1

Start Time	7th Avenue Ramp - Yield Southbound						7th Avenue Off-Ramp Westbound						7th Avenue Off-Ramp Eastbound						Washington Place Northbound						Washington Place Southbound																	
	Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B	
	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. 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	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
04:00 PM	0	58	0	3	58	7	21	19	3	47	0	278	55	7	333	206	39	24	6	269	19	707	726	206	39	24	6	269	19	707	726	206	39	24	6	269	19	707	726			
04:15 PM	0	56	0	0	56	5	26	27	4	58	0	286	43	1	329	224	41	19	3	284	8	727	735	224	41	19	3	284	8	727	735	224	41	19	3	284	8	727	735			
04:30 PM	0	60	0	1	60	8	36	32	5	76	0	310	72	2	382	215	39	21	6	275	14	793	807	215	39	21	6	275	14	793	807	215	39	21	6	275	14	793	807			
04:45 PM	0	57	0	0	57	3	33	32	2	68	0	295	51	0	346	231	38	22	3	291	5	762	767	231	38	22	3	291	5	762	767	231	38	22	3	291	5	762	767			
Total	0	231	0	4	231	23	116	110	14	249	0	1169	221	10	1390	876	157	86	18	1119	46	2989	3035	876	157	86	18	1119	46	2989	3035	876	157	86	18	1119	46	2989	3035			
05:00 PM	0	66	0	0	66	4	43	31	2	78	0	300	59	2	359	224	46	15	4	285	8	788	796	224	46	15	4	285	8	788	796	224	46	15	4	285	8	788	796			
05:15 PM	0	69	0	0	69	6	45	37	5	88	0	241	75	1	316	212	41	24	3	277	9	750	759	212	41	24	3	277	9	750	759	212	41	24	3	277	9	750	759			
05:30 PM	0	81	0	1	81	4	28	25	2	57	0	209	46	3	255	188	40	16	2	244	8	637	645	188	40	16	2	244	8	637	645	188	40	16	2	244	8	637	645			
05:45 PM	0	76	0	0	76	6	38	22	4	66	0	222	34	3	256	207	44	21	3	272	10	670	680	207	44	21	3	272	10	670	680	207	44	21	3	272	10	670	680			
Total	0	292	0	1	292	20	154	115	13	289	0	972	214	9	1186	831	171	76	12	1078	35	2845	2880	831	171	76	12	1078	35	2845	2880	831	171	76	12	1078	35	2845	2880			
Grand Total	0	523	0	5	523	43	270	225	27	538	0	2141	435	19	2576	1707	328	162	30	2197	81	5834	5915	1707	328	162	30	2197	81	5834	5915	1707	328	162	30	2197	81	5834	5915			
Approch %	0.0	100.0	0.0	0.0	100.0	8.0	50.2	41.8		9.2	0.0	83.1	16.9		44.2	77.7	14.9	7.4		37.7	1.4	98.6		77.7	14.9	7.4		37.7	1.4	98.6		77.7	14.9	7.4		37.7	1.4	98.6				
Total %	0.0	9.0	0.0	0.0	9.0	0.7	4.6	3.9		9.2	0.0	36.7	7.5		44.2	29.3	5.6	2.8		37.7	1.4	98.6		29.3	5.6	2.8		37.7	1.4	98.6		29.3	5.6	2.8		37.7	1.4	98.6				

Start Time	7th Avenue Ramp - Yield Southbound						7th Avenue Off-Ramp Westbound						Washington Place Northbound						Bigelow Square Eastbound																			
	Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B		Left		Right		T/B			
	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total	Thru	App. Total						
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	252	0	0	252	0	0	100.0	0.0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60
Intersection 04:30 PM	0	252	0	0	252	0	0	100.0	0.0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60
Volume	0	252	0	0	252	0	0	100.0	0.0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60
Percent	0.0	100.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60
Peak Factor	0	60	0	0	60	0	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60	0	60
High Int. 05:15 PM	0	69	0	0	69	0	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69
Volume	0	69	0	0	69	0	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69	0	69
Peak Factor	0	0.913	0	0	0.913	0	0	0.913	0	0.913	0	0.881	0	0	0.72	0.881	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918	0	0.918

WV = 0.7

WV = 4.2

WV = 0.7

WV = 1.2

Groups Printed- All Vehicles (Board # D4-2157)

Start Time	Southbound					Bedford Av. Westbound					Mario Lemieux Pl. Northbound					Bedford Av. Eastbound								
	Left	Thru	Right	HV	App. Total	Left	Thru	Right to HOV	HV	App. Total	Left	Thru to HOV	Right	HV	App. Total	Shar p Left	Left to HOV	Thru	Right	App. Total	Exclu. Total	Inclu. 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	1.0	1.0	1.0	1.0				
04:00 PM	0	0	0	0	0	6	30	12	0	48	9	8	1	0	18	49	47	28	7	124	7	190	197	
04:15 PM	0	0	0	0	0	3	30	21	0	54	8	7	2	0	17	44	37	32	6	113	6	184	190	
04:30 PM	0	0	0	0	0	4	47	33	0	84	20	17	0	0	37	60	59	36	5	155	5	276	281	
04:45 PM	0	0	0	0	0	8	51	37	0	96	16	13	0	0	29	32	69	28	7	129	7	254	261	
Total	0	0	0	0	0	21	158	103	0	282	53	45	3	0	101	185	212	124	25	521	25	904	929	
05:00 PM	0	0	0	0	0	6	33	40	0	79	19	15	2	0	36	42	90	39	10	171	10	286	296	
05:15 PM	0	0	0	0	0	1	31	40	0	72	13	23	1	0	37	52	83	24	1	159	1	268	269	
05:30 PM	0	0	0	0	0	4	40	42	1	86	13	15	0	0	28	35	64	28	4	127	5	241	246	
05:45 PM	0	0	0	0	0	1	19	29	1	49	6	6	1	0	13	23	65	36	5	124	6	186	192	
Total	0	0	0	0	0	12	123	151	2	286	51	59	4	0	114	152	302	127	20	581	22	981	1003	
Grand Total	0	0	0	0	0	33	281	254	2	568	104	104	7	0	215	337	514	251	45	1102	47	1885	1932	
Approch %	0.0	0.0	0.0	0.0	0.0	5.8	49.5	44.7		30.1	48.4	3.3			30.6	46.6	22.8							
Total %	0.0	0.0	0.0	0.0	0.0	1.8	14.9	13.5		30.1	5.5	5.5	0.4		11.4	17.9	27.3	13.3		58.5	2.4	97.6		

Start Time	Southbound					Bedford Av. Westbound					Mario Lemieux Pl. Northbound					Bedford Av. Eastbound								
	Left	Thru	Right	HV	App. Total	Left	Thru	Right to HOV	HV	App. Total	Left	Thru to HOV	Right	HV	App. Total	Shar p Left	Left to HOV	Thru	Right	App. Total	Exclu. Total	Inclu. Total	Int. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intersection 04:30 PM	0	0	0	0	0	19	162	150		331	68	68	3		139	186	301	127		614			1084	
Volume	0	0	0	0	0	5.7	48.9	45.3		48.9	48.9	2.2		36	30.3	49.0	20.7							
Percent	0.0	0.0	0.0	0.0	0.0	6	33	40		79	19	15	2		42	42	90	39		171			286	
05:00 Volume	0	0	0	0	0	0	0	0		0	0	0	0		0	0	0	0		0			0.948	
Peak Factor	0	0	0	0	0	0.45	0.45	0.45		0.45	0.45	0.45	0.45		0.45	0.45	0.45	0.45		0.45			0.948	
High Int. 3:45:00 PM	0	0	0	0	0	8	51	37		96	20	17	0		37	42	90	39		171			0.898	
Volume	0	0	0	0	0	8	51	37		96	20	17	0		37	42	90	39		171			0.898	
Peak Factor	0	0	0	0	0	0.862	0.862	0.862		0.862	0.862	0.862	0.862		0.862	0.862	0.862	0.862		0.862			0.898	

HV = 67, HV = 62, HV = 0.7

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#12_PM
 Site Code : 05380012
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D4-1943)

Start Time	Private Driveway Southbound						Bedford Ave Westbound						Crawford Ave Northbound						Bedford Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
04:00 PM	0	0	3	0	3		3	12	1	1	16		30	0	8	3	38		0	12	23	0	35	
04:15 PM	0	0	0	0	0		6	14	0	0	20		31	0	12	3	43		0	11	17	1	28	
04:30 PM	0	2	3	0	5		5	19	0	0	24		52	0	5	1	57		0	12	24	0	36	
04:45 PM	1	0	0	0	1		9	15	0	1	24		65	0	8	3	73		0	12	18	1	30	
Total	1	2	6	0	9		23	60	1	2	84		178	0	33	10	211		0	47	82	2	129	
05:00 PM	1	2	0	0	3		8	16	0	1	24		56	0	9	4	65		0	10	15	0	25	
05:15 PM	0	2	0	0	2		5	6	0	0	11		49	0	16	1	65		0	12	24	1	36	
05:30 PM	0	1	0	0	1		6	18	0	0	24		56	1	5	2	62		0	9	19	0	28	
05:45 PM	0	0	0	0	0		5	11	0	0	16		42	0	9	1	51		0	18	20	0	38	
Total	1	5	0	0	6		24	51	0	1	75		203	1	39	8	243		0	49	78	1	127	
06:00 PM	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
Grand Total	2	7	6	0	15		47	111	1	3	159		381	1	72	18	454		0	96	160	3	256	
Approch %	13.3	46.7	40.0		29.6		69.8	0.6			83.9		0.2	15.9			0.0	37.5	62.5					
Total %	0.2	0.8	0.7		1.7		12.6	0.1			18.0		0.1	8.1			51.4		10.9	18.1	29.0			

Start Time	Private Driveway Southbound						Bedford Ave Westbound						Crawford Ave Northbound						Bedford Ave Eastbound					
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total	
	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	1.0	1.0	1.0	1.0	
Peak Hour From 04:00 PM to 06:00 PM - Peak 1 of 1	2	6	3		11		27	56	0		83		222	0	38		260		0	46	81		127	
Intersection 04:30 PM	18.2	54.5	27.3		32.5		32.5	67.5	0.0		85.4		85.4	0.0	14.6		73		0.0	36.2	63.8		30	
Volume	1	0	0		1		9	15	0		24		65	0	8		73		0	12	18		30	
04:45 Volume	0	0	0		0		0	0	0		0		0	0	0		0		0	0	0		0	
Peak Factor	0	2	3		0.550		0.430 PM	19	0		0.445 PM		0.430 PM	0	8		0.890		0.430 PM	12	24		0.882	
High Int. Volume	0	0	0		5		5	0	0		24		65	0	8		73		0	12	24		36	
Peak Factor											0.865						0.890							

W=0.7
 W=2.2
 W=3.2
 W=2.7

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#13_PM
 Site Code : 05380013
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # 620)

Start Time	Washington PI Southbound					Centre Ave Westbound					Washington PI Northbound					Centre Ave Eastbound							
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
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	1.0	1.0	1.0	1.0			
04:00 PM	8	24	0	4	32	2	56	49	1	107	5	191	2	4	198	11	23	17	3	51	12	388	400
04:15 PM	5	27	7	2	39	3	73	65	4	141	3	196	3	1	202	17	38	22	1	77	8	459	467
04:30 PM	8	33	15	6	56	8	79	82	1	169	2	245	4	4	251	20	46	26	3	92	14	568	582
04:45 PM	1	39	13	3	53	10	87	92	5	189	1	181	2	0	184	12	38	31	2	81	10	507	517
Total	22	123	35	15	180	23	295	288	11	606	11	813	11	9	835	60	145	96	9	301	44	1922	1966
05:00 PM	8	31	6	3	45	5	106	89	5	200	4	222	4	1	230	24	34	30	0	88	9	563	572
05:15 PM	8	35	6	6	49	6	57	77	2	140	6	163	4	2	173	25	51	49	1	125	11	487	498
05:30 PM	3	32	2	5	37	8	53	46	6	107	1	154	1	1	156	25	52	38	7	115	19	415	434
05:45 PM	5	28	4	5	37	1	46	49	2	96	1	167	1	2	169	19	47	41	1	107	10	409	419
Total	24	126	18	19	168	20	262	261	15	543	12	706	10	6	728	93	184	158	9	435	49	1874	1923
Grand Total	46	249	53	34	348	43	557	549	26	1149	23	1519	21	15	1563	153	329	254	18	736	93	3796	3889
Approch %	13.2	71.6	15.2		9.2	3.7	48.5	47.8		30.3	1.5	97.2	1.3		41.2	20.8	44.7	34.5		19.4	2.4	97.6	
Total %	1.2	6.6	1.4			1.1	14.7	14.5			0.6	40.0	0.6			4.0	8.7	6.7					

Start Time	Washington PI Southbound					Centre Ave Westbound					Washington PI Northbound					Centre Ave Eastbound								
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	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	1.0	1.0	1.0	1.0				
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																								
Intersection 04:30 PM																								
Volume	25	138	40		203	29	329	340		698	13	811	14		838	81	169	136		386			2125	
Percent	12.3	68.0	19.7		56	4.2	47.1	48.7		169	1.6	96.8	1.7		251	21.0	43.8	35.2		92			568	
Peak Factor	8	33	15		0.906	8	79	82		0.873	2	245	4		0.835	20	46	26		0.772			0.935	
High Int. 04:30 PM																								
Volume	8	33	15		56	5	106	89		200	2	245	4		251	25	51	49		125				
Peak Factor	8	33	15		0.906	5	106	89		0.873	2	245	4		0.835	25	51	49		0.772				
Peak Hour From 04:30 PM to 05:15 PM - Peak 1 of 1																								
Intersection 04:30 PM																								
Volume	25	138	40		203	29	329	340		698	13	811	14		838	81	169	136		386			2125	
Percent	12.3	68.0	19.7		56	4.2	47.1	48.7		169	1.6	96.8	1.7		251	21.0	43.8	35.2		92			568	
Peak Factor	8	33	15		0.906	8	79	82		0.873	2	245	4		0.835	20	46	26		0.772			0.935	
High Int. 04:30 PM																								
Volume	8	33	15		56	5	106	89		200	2	245	4		251	25	51	49		125				
Peak Factor	8	33	15		0.906	5	106	89		0.873	2	245	4		0.835	25	51	49		0.772				

WV = 9%

WV = 2%

WV = 1%

WV = 2%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#13_PM
 Site Code : 05380013
 Start Date : 11/15/2005
 Page No : 1

Start Time	Washington PI Southbound				Centre Ave Westbound				Washington PI Northbound				Centre Ave Eastbound				Int. Total	
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total
	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			
Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
Approch %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Start Time	Washington PI Southbound				Centre Ave Westbound				Washington PI Northbound				Centre Ave Eastbound				Int. Total	
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total
	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			
Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
Approch %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

HW=0.23

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#15_PM
 Site Code : 53800015
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-1683)

Start Time	Mario Lemieux PI Southbound						Centre Ave Westbound						Private Driveway Northbound						Centre Ave Eastbound										
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
04:00 PM	3	0	15	0	18	7	115	12	2	134	0	0	0	0	0	0	3	58	0	4	61	6	213	0	4	6	6	213	219
04:15 PM	0	0	3	0	3	0	99	5	3	104	0	0	0	0	0	0	4	43	0	3	47	6	154	160					
04:30 PM	1	0	12	0	13	0	152	24	2	176	1	0	0	0	0	1	15	72	2	4	89	6	279	285					
04:45 PM	2	0	16	0	18	0	199	18	3	217	0	0	1	0	0	1	9	68	0	1	77	4	313	317					
Total	6	0	46	0	52	7	565	59	10	631	1	0	1	0	0	2	31	241	2	12	274	22	959	981					
05:00 PM	5	0	22	0	27	0	176	25	3	201	1	0	0	0	0	1	10	50	0	2	60	5	289	294					
05:15 PM	1	0	10	0	11	0	127	17	1	144	1	0	0	0	0	2	11	70	0	3	81	4	238	242					
05:30 PM	1	0	7	0	8	0	117	16	5	133	1	0	0	0	0	1	14	58	1	1	73	6	215	221					
05:45 PM	3	0	6	0	9	0	96	11	3	107	0	0	1	0	0	1	3	59	0	2	62	5	179	184					
Total	10	0	45	0	55	0	516	69	12	585	3	1	1	0	0	5	38	237	1	8	276	20	921	941					
Grand Total	16	0	91	0	107	7	1081	128	22	1216	4	1	2	0	0	7	69	478	3	20	550	42	1880	1922					
Approch %	15.0	0.0	85.0			0.6	88.9	10.5		64.7	57.1	14.3	28.6		0.4	12.5	86.9	0.5		29.3	2.2	97.8							
Total %	0.9	0.0	4.8		5.7	0.4	57.5	6.8		64.7	0.2	0.1	0.1		0.1	3.7	25.4	0.2		29.3	2.2	97.8							

Start Time	Mario Lemieux PI Southbound						Centre Ave Westbound						Private Driveway Northbound						Centre Ave Eastbound									
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	9	13.0	2	0	60	69	654	84	738	738	3	60.0	20.0	1	1	1	45	260	2	0	307	2	307	1119				
Intersection 04:30 PM	9	13.0	2	0	60	69	654	84	738	738	3	60.0	20.0	1	1	1	45	260	2	0	307	2	307	1119				
Volume	9	13.0	2	0	60	69	654	84	738	738	3	60.0	20.0	1	1	1	45	260	2	0	307	2	307	1119				
Percent	13.0	13.0	2	0	87.0	18	88.6	11.4	217	217	60.0	20.0	20.0	1	1	1	14.7	84.7	0.7	0	89.4	0.7	89.4	313				
04:45 Volume	2	13.0	2	0	16	18	199	18	217	217	0	0	0	1	1	1	9	68	0	0	77	0	77	313				
Peak Factor	0.133	0.133	0.133	0	0.267	0.267	0.297	0.214	0.297	0.297	0	0	0	0.5	0.5	0.5	0.111	0.267	0	0	0.894	0	0.894	0.894				
High Int. 05:00 PM	5	13.0	2	0	22	27	199	18	217	217	1	1	1	0	0	0	15	72	2	0	89	2	89	313				
Volume	5	13.0	2	0	22	27	199	18	217	217	1	1	1	0	0	0	15	72	2	0	89	2	89	313				
Peak Factor	0.133	0.133	0.133	0	0.267	0.267	0.297	0.214	0.297	0.297	0	0	0	0.5	0.5	0.5	0.111	0.267	0	0	0.894	0	0.894	0.894				

HW = 0.7
 HW = 1.7
 HW = 3.2

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#17_PM
 Site Code : 00538017
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D4-1684)

Start Time	Crawford Ave Southbound						Centre Ave Westbound						Crawford Ave Northbound						Centre Ave Eastbound									
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total			
	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
Factor	6	11	15	2	32	8	29	4	0	41	43	30	14	6	87	6	40	38	6	84	14	244	258					
04:00 PM	3	8	19	2	30	11	48	7	2	66	39	30	11	4	80	9	35	31	9	75	17	251	268					
04:30 PM	4	16	11	2	31	13	42	6	3	61	48	47	19	5	114	8	39	46	7	93	17	299	316					
04:45 PM	3	19	16	3	38	4	54	9	2	67	50	54	21	4	125	14	37	65	5	116	14	346	360					
Total	16	54	61	9	131	36	173	26	7	235	180	161	65	19	406	37	151	180	27	368	62	1140	1202					
05:00 PM	7	10	24	6	41	6	44	10	3	60	33	43	13	4	89	16	25	54	4	95	17	285	302					
05:15 PM	4	15	11	2	30	2	40	12	1	54	22	41	22	5	85	14	40	46	5	100	13	269	282					
05:30 PM	4	13	16	2	33	6	27	13	4	46	24	41	16	6	81	12	31	35	4	78	16	238	254					
05:45 PM	2	15	12	0	29	10	30	8	3	48	20	33	14	1	67	5	31	39	5	75	9	219	228					
Total	17	53	63	10	133	24	141	43	11	208	99	158	65	16	322	47	127	174	18	348	55	1011	1066					
Grand Total	33	107	124	19	264	60	314	69	18	443	279	319	130	35	728	84	278	354	45	716	117	2151	2268					
Approch %	12.5	40.5	47.0			13.5	70.9	15.6			38.3	43.8	17.9			11.7	38.8	49.4			5.2	94.8						
Total %	1.5	5.0	5.8		12.3	2.8	14.6	3.2		20.6	13.0	14.8	6.0		33.8	3.9	12.9	16.5		33.3								

Start Time	Crawford Ave Southbound						Centre Ave Westbound						Crawford Ave Northbound						Centre Ave Eastbound						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total
	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	18	60	62		140	25	180	37		242	153	185	75		413	52	141	211		404	1199				
Intersection 04:30 PM	12.9	42.9	44.3		38	10.3	74.4	15.3		67	37.0	44.8	18.2		125	12.9	34.9	52.2		116	0.866				
Volume	3	19	16		38	4	54	9		67	50	54	21		125	14	37	65		116					
Percent																									
Peak Factor	0.0500	0.0500	0.0500		0.0854	0.0445	0.0445	0.0445		0.0445	0.0445	0.0445	0.0445		0.0445	0.0445	0.0445	0.0445		0.0445					
High Int. Volume	7	10	24		41	4	54	9		67	50	54	21		125	14	37	65		116					
Peak Factor																									

HW = 92
 HW = 47
 HW = 47
 HW = 52

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#18_PM
 Site Code : 05380018
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- Thrus at Dinwiddie & Turns @ Devilliers

Start Time	Devilliers St Southbound				Centre Ave Westbound				Devilliers St Northbound				Centre Ave Eastbound				Int. Total							
	Left	Thru	Right	T/B	App. Total	Left into Devilliers St	Thru	Right	T/B	App. Total	Left onto Centre Ave	Thru	Right onto Centre Ave	T/B	App. Total	Left into Devilliers St		Thru	Right into Devilliers St	T/B	App. Total	Exclu. Total	Inclu. Total	
	Factor																							
04:00 PM	1.0	1.0	1.0	1.0	15	1.0	61	7	8	68	1	0	1	0	2	1.0	1.0	1.0	1.0	5	82	13	167	180
04:15 PM	1	0	11	0	12	0	70	3	6	73	2	0	3	0	5	0	56	0	1	65	7	155	162	
04:30 PM	2	0	11	0	13	1	58	12	2	71	1	1	1	0	3	20	56	1	3	77	5	164	169	
04:45 PM	0	0	9	0	9	0	68	8	5	76	1	0	1	0	2	9	72	1	5	82	10	169	179	
Total	3	1	45	0	49	1	257	30	21	288	5	1	6	0	12	52	251	3	14	306	35	655	690	
05:00 PM	1	0	8	0	9	1	70	7	4	78	0	1	2	0	3	12	74	2	2	88	6	178	184	
05:15 PM	4	0	12	0	16	0	42	6	2	48	0	0	0	0	0	7	68	1	2	76	4	140	144	
05:30 PM	2	0	13	0	15	0	54	5	6	59	1	0	2	0	3	12	72	1	4	85	10	162	172	
05:45 PM	0	0	7	0	7	0	45	5	3	50	0	0	0	0	0	3	44	0	4	47	7	104	111	
Total	7	0	40	0	47	1	211	23	15	235	1	1	4	0	6	34	258	4	12	296	27	584	611	
Grand Total	10	1	85	0	96	2	468	53	36	523	6	2	10	0	18	86	509	7	26	602	62	1239	1301	
Approch %	10.4	1.0	88.5		7.7	0.4	89.5	10.1		42.2	33.3	11.1	55.6		1.5	14.3	84.6	1.2		48.6	4.8	95.2		
Total %	0.8	0.1	6.9		7.7	0.2	37.8	4.3		42.2	0.5	0.2	0.8		1.5	6.9	41.1	0.6		48.6	4.8	95.2		

Start Time	Devilliers St Southbound				Centre Ave Westbound				Devilliers St Northbound				Centre Ave Eastbound				Int. Total							
	Left	Thru	Right	T/B	App. Total	Left into Devilliers St	Thru	Right	T/B	App. Total	Left onto Centre Ave	Thru	Right onto Centre Ave	T/B	App. Total	Left into Devilliers St		Thru	Right into Devilliers St	T/B	App. Total	Exclu. Total	Inclu. Total	
	Factor																							
04:00 PM	1.0	1.0	1.0	1.0	15	1.0	61	7	8	68	1	0	1	0	2	1.0	1.0	1.0	1.0	5	82	13	167	180
04:15 PM	1	0	11	0	12	0	70	3	6	73	2	0	3	0	5	0	56	0	1	65	7	155	162	
04:30 PM	2	0	11	0	13	1	58	12	2	71	1	1	1	0	3	20	56	1	3	77	5	164	169	
04:45 PM	0	0	9	0	9	0	68	8	5	76	1	0	1	0	2	9	72	1	5	82	10	169	179	
Total	3	1	45	0	49	1	257	30	21	288	5	1	6	0	12	52	251	3	14	306	35	655	690	
05:00 PM	1	0	8	0	9	1	70	7	4	78	0	1	2	0	3	12	74	2	2	88	6	178	184	
05:15 PM	4	0	12	0	16	0	42	6	2	48	0	0	0	0	0	7	68	1	2	76	4	140	144	
05:30 PM	2	0	13	0	15	0	54	5	6	59	1	0	2	0	3	12	72	1	4	85	10	162	172	
05:45 PM	0	0	7	0	7	0	45	5	3	50	0	0	0	0	0	3	44	0	4	47	7	104	111	
Total	7	0	40	0	47	1	211	23	15	235	1	1	4	0	6	34	258	4	12	296	27	584	611	
Grand Total	10	1	85	0	96	2	468	53	36	523	6	2	10	0	18	86	509	7	26	602	62	1239	1301	
Approch %	10.4	1.0	88.5		7.7	0.4	89.5	10.1		42.2	33.3	11.1	55.6		1.5	14.3	84.6	1.2		48.6	4.8	95.2		
Total %	0.8	0.1	6.9		7.7	0.2	37.8	4.3		42.2	0.5	0.2	0.8		1.5	6.9	41.1	0.6		48.6	4.8	95.2		

Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1

Intersection	Devilliers St Southbound				Centre Ave Westbound				Devilliers St Northbound				Centre Ave Eastbound										
	Left	Thru	Right	T/B	App. Total	Left into Devilliers St	Thru	Right	T/B	App. Total	Left onto Centre Ave	Thru	Right onto Centre Ave	T/B	App. Total	Left into Devilliers St	Thru	Right into Devilliers St	T/B	App. Total	Exclu. Total	Inclu. Total	
04:15 PM	4	0	39		43	2	266	30		298	4	2	7		13	50	258	4		312	666		
05:00 PM	9.3	0.0	90.7		9	0.7	89.3	10.1		78	30.8	15.4	53.8		3	16.0	82.7	1.3		88	178		
04:30 PM	2	0	11		13	1	70	7		78	0	1	2		3	12	74	2		88	178		
05:00 PM	2	0	11		13	1	70	7		78	2	0	3		5	05:00 PM	74	2		88	178		
Peak Factor					0.827					0.955					0.650						0.886		

HW=0.2 HW=6.2 HW=4.7

Trans Associates Engineering Consultants

Twin Towers, Suite 400

4955 Steubenville Pike

Pittsburgh, PA 15205

File Name : AYHPL00_05380_#18_PM

Site Code : 05380018

Start Date : 11/16/2005

Page No : 1

Groups Printed- Turning movements @ Centre & Dinwiddie

Start Time	Centre Ave Westbound			Devillers St Northbound			Centre Ave Eastbound		
	Left into Dinwiddie St	Left into Devillers St	T/B	Left onto Centre Ave	Right onto Centre Ave	App. Total	Right into Dinwiddie St	Right into Devillers St	App. Total
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	21	0	0	5	21	26	11	1	12
04:15 PM	19	1	0	6	12	18	16	0	16
04:30 PM	13	0	0	5	25	30	10	0	10
04:45 PM	15	1	0	4	22	26	9	0	9
Total	68	2	0	20	80	100	46	1	47
05:00 PM	12	0	0	5	24	29	8	0	8
05:15 PM	16	0	0	4	15	19	8	0	8
05:30 PM	14	0	0	2	17	19	7	1	8
05:45 PM	10	0	0	4	9	13	7	1	8
Total	52	0	0	15	65	80	30	2	32
Grand Total	120	2	0	35	145	180	76	3	79
Approch %	98.4	1.6		19.4	80.6	47.2	96.2	3.8	20.7
Total %	31.5	0.5		9.2	38.1	47.2	19.9	0.8	100.0

Start Time	Centre Ave Westbound			Devillers St Northbound			Centre Ave Eastbound		
	Left into Dinwiddie St	Left into Devillers St	T/B	Left onto Centre Ave	Right onto Centre Ave	App. Total	Right into Dinwiddie St	Right into Devillers St	App. Total
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	68	2	0	20	80	100	46	1	47
Intersection 04:00 PM	68	2	0	20	80	100	46	1	47
Volume	68	2	0	20	80	100	46	1	47
Percent	97.1	2.9	0	20.0	80.0	100.0	97.9	2.1	100.0
04:00 Volume	21	0		5	21	26	11	1	12
Peak Factor									
High Int. 04:00 PM	21	0		5	25	30	16	0	16
Volume	21	0		5	25	30	16	0	16
Peak Factor						0.833	0.833		0.734
Peak Hour From 04:15 PM to 05:00 PM - Peak 1 of 1	59	2	0	20	83	103	43	0	43
Intersection 04:15 PM	59	2	0	20	83	103	43	0	43
Volume	59	2	0	20	83	103	43	0	43
Percent	96.7	3.3		19.4	80.6	100.0	96.7	3.3	100.0
04:15 Volume	19	1		6	12	18	16	0	16
Peak Factor									
High Int. 04:15 PM	19	1		5	25	30	16	0	16
Volume	19	1		5	25	30	16	0	16
Peak Factor						0.858	0.858		0.672

HW = 0.7

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#19_PM
 Site Code : 05380019
 Start Date : 11/15/2005
 Page No : 1

Start Time	Washington PI Southbound						Washington PI Northbound						Colwell Westbound						Colwell Eastbound								
	Left	Thru	Right	HV	App. Total	Factor	Left	Thru	Right	HV	App. Total	Factor	Left	Thru	Right	HV	App. Total	Factor	Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
04:00 PM	8	60	5	0	73	16	1	153	12	0	169	24	4	174	12	0	188	15	5	13	2	2	33	5	5	350	355
04:15 PM	18	47	1	0	66	11	1	32	0	0	32	1	2	61	1	0	62	1	2	33	2	2	33	2	2	331	333
04:30 PM	17	65	4	0	86	12	0	61	1	0	62	1	4	183	14	0	201	29	16	5	5	5	57	6	6	417	423
04:45 PM	17	71	12	0	100	13	0	36	0	0	36	2	2	148	19	0	169	22	5	11	3	3	38	3	3	356	359
Total	60	243	22	0	325	52	2	179	1	0	233	12	658	57	0	727	90	29	50	15	15	169	16	16	1454	1470	
05:00 PM	27	64	2	0	93	10	0	50	0	0	50	2	115	13	0	0	130	38	5	29	1	1	72	1	1	355	356
05:15 PM	28	88	6	0	122	9	0	44	0	0	44	4	126	7	0	0	137	16	4	20	2	2	40	2	2	352	354
05:30 PM	18	76	3	0	97	9	0	30	1	0	31	3	113	8	0	0	124	10	5	16	3	3	31	4	4	291	295
05:45 PM	22	87	4	0	113	15	0	38	0	0	38	2	130	6	0	0	138	4	2	7	3	3	13	3	3	317	320
Total	95	315	15	0	425	43	0	162	1	0	205	11	484	34	0	0	529	68	16	72	9	9	156	10	10	1315	1325
Grand Total	155	558	37	0	750	95	2	341	2	0	438	23	1142	91	0	0	1256	158	45	122	24	24	325	26	26	2769	2795
Approch %	20.7	74.4	4.9			21.7	0.5	77.9			15.8	1.8	90.9	7.2			48.6	13.8	37.5				11.7	0.9	0.9	99.1	
Total %	5.6	20.2	1.3			3.4	0.1	12.3			15.8	0.8	41.2	3.3			45.4	5.7	1.6	4.4			11.7	0.9	0.9	99.1	

Start Time	Washington PI Southbound						Washington PI Northbound						Colwell Westbound						Colwell Eastbound								
	Left	Thru	Right	HV	App. Total	Factor	Left	Thru	Right	HV	App. Total	Factor	Left	Thru	Right	HV	App. Total	Factor	Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
04:00 PM	8	60	5	0	73	16	1	153	12	0	169	24	4	174	12	0	188	15	5	13	2	2	33	5	5	350	355
04:15 PM	18	47	1	0	66	11	1	32	0	0	32	1	2	61	1	0	62	1	2	33	2	2	33	2	2	331	333
04:30 PM	17	65	4	0	86	12	0	61	1	0	62	1	4	183	14	0	201	29	16	5	5	5	57	6	6	417	423
04:45 PM	17	71	12	0	100	13	0	36	0	0	36	2	2	148	19	0	169	22	5	11	3	3	38	3	3	356	359
Total	60	243	22	0	325	52	2	179	1	0	233	12	658	57	0	727	90	29	50	15	15	169	16	16	1454	1470	
05:00 PM	27	64	2	0	93	10	0	50	0	0	50	2	115	13	0	0	130	38	5	29	1	1	72	1	1	355	356
05:15 PM	28	88	6	0	122	9	0	44	0	0	44	4	126	7	0	0	137	16	4	20	2	2	40	2	2	352	354
05:30 PM	18	76	3	0	97	9	0	30	1	0	31	3	113	8	0	0	124	10	5	16	3	3	31	4	4	291	295
05:45 PM	22	87	4	0	113	15	0	38	0	0	38	2	130	6	0	0	138	4	2	7	3	3	13	3	3	317	320
Total	95	315	15	0	425	43	0	162	1	0	205	11	484	34	0	0	529	68	16	72	9	9	156	10	10	1315	1325
Grand Total	155	558	37	0	750	95	2	341	2	0	438	23	1142	91	0	0	1256	158	45	122	24	24	325	26	26	2769	2795
Approch %	20.7	74.4	4.9			21.7	0.5	77.9			15.8	1.8	90.9	7.2			48.6	13.8	37.5				11.7	0.9	0.9	99.1	
Total %	5.6	20.2	1.3			3.4	0.1	12.3			15.8	0.8	41.2	3.3			45.4	5.7	1.6	4.4			11.7	0.9	0.9	99.1	

W=0.7

W=0.7

W=0.7

W=0.7

W=0.887

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#20_PM
 Site Code : 00000202
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-0664)

Start Time	Washington PI Southbound					Fifth Ave Westbound					Washington PI Northbound					Fifth Ave Eastbound							
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total
	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	1.0	1.0	1.0	1.0			
04:00 PM	0	28	68	0	96	12	180	64	21	256	28	110	0	3	138	0	0	0	0	0	24	490	514
04:15 PM	0	28	43	0	71	7	150	54	8	211	19	94	0	1	113	0	0	0	0	0	9	395	404
04:30 PM	0	27	52	2	79	9	218	78	14	305	39	119	0	0	158	0	0	0	0	0	16	542	558
04:45 PM	0	43	64	3	107	8	184	55	11	247	30	100	0	1	130	0	0	0	0	0	15	484	499
Total	0	126	227	5	353	36	732	251	54	1019	116	423	0	5	539	0	0	0	0	0	64	1911	1975
05:00 PM	0	30	58	1	88	22	190	49	13	261	27	84	0	0	111	0	0	0	0	0	14	460	474
05:15 PM	0	49	76	0	125	14	175	50	12	239	32	86	0	1	118	0	0	0	0	0	13	482	495
05:30 PM	0	36	57	0	93	22	152	42	10	216	27	55	0	1	82	0	0	0	0	0	11	391	402
05:45 PM	0	39	44	1	83	9	132	46	8	187	26	83	0	0	109	0	0	0	0	0	9	379	388
Total	0	154	235	2	389	67	649	187	43	903	112	308	0	2	420	0	0	0	0	0	47	1712	1759
Grand Total	0	280	462	7	742	103	1381	438	97	1922	228	731	0	7	959	0	0	0	0	0	111	3623	3734
Approch %	0.0	37.7	62.3		20.5	5.4	71.9	22.8		53.0	23.8	76.2	0.0		26.5	0.0	0.0	0.0		0.0	3.0	97.0	
Total %	0.0	7.7	12.8			2.8	38.1	12.1			6.3	20.2	0.0			0.0	0.0	0.0					

Start Time	Washington PI Southbound					Fifth Ave Westbound					Washington PI Northbound					Fifth Ave Eastbound								
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	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	1.0	1.0	1.0	1.0				
04:00 PM	0	149	250	0	399	53	767	232		1052	128	389	0		517	0	0	0		0	0	0	1968	
04:15 PM	0	37.3	62.7		79	5.0	72.9	22.1		305	24.8	75.2	0.0		158	0.0	0.0	0.0		0.0	0.0	0.0	0.908	
04:30 PM	0	27	52		79	9	218	78		305	39	119	0		158	0	0	0		0	0	0		
High Int. 05:15 PM	0	49	76		125	04:30 PM	39	78		305	04:30 PM	119	0		158	3:45:00 PM	0	0			0	0	0	
Volume	0	149	250		399	53	767	232		1052	128	389	0		517	0	0	0		0	0	0		
Percent	0.0	37.3	62.7		79	5.0	72.9	22.1		305	24.8	75.2	0.0		158	0.0	0.0	0.0		0.0	0.0	0.0		
Peak Factor	0	27	52		79	9	218	78		305	39	119	0		158	0	0	0		0	0	0		
Volume	0	49	76		125	04:30 PM	9	78		305	04:30 PM	119	0		158	3:45:00 PM	0	0			0	0	0	
Peak Factor	0	49	76		125	9	218	78		0.862	39	119	0		0.818	0	0	0		0	0	0		

HW = 0.2

HW = 5%

HW = 2%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#22_PM
 Site Code : 00005380
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (D1-1824)

Start Time	Southbound						Forbes Ave Westbound						Armstrong Tunnels Northbound						Forbes Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
																								1.0
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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	0	0	0	0	0	0	0	0	0	0	16	0	109	0	125	0	115	107	12	222	12	347	359	
04:15 PM	0	0	0	0	0	0	0	0	0	0	23	0	105	2	128	0	119	121	12	240	14	368	382	
04:30 PM	0	0	0	0	0	0	0	0	0	0	24	0	108	1	132	0	132	160	13	292	14	424	438	
04:45 PM	0	0	0	0	0	0	0	0	0	0	38	0	97	1	135	0	115	161	7	276	8	411	419	
Total	0	0	0	0	0	0	0	0	0	0	101	0	419	4	520	0	481	549	44	1030	48	1550	1598	
05:00 PM	0	0	0	0	0	0	0	0	0	0	23	0	106	1	129	0	145	124	18	269	19	398	417	
05:15 PM	0	0	0	0	0	0	0	0	0	0	20	0	117	2	137	0	169	154	11	323	13	460	473	
05:30 PM	0	0	0	0	0	0	0	0	0	0	18	0	99	0	117	0	153	115	10	268	10	385	395	
05:45 PM	0	0	0	0	0	0	0	0	0	0	14	0	110	0	124	0	118	137	10	255	10	379	389	
Total	0	0	0	0	0	0	0	0	0	0	75	0	432	3	507	0	585	530	49	1115	52	1622	1674	
Grand Total	0	0	0	0	0	0	0	0	0	0	176	0	851	7	1027	0	1066	1079	93	2145	100	3172	3272	
Approch %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0	82.9		32.4	0.0	49.7	50.3		67.6	3.1	96.9		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	26.8		32.4	0.0	33.6	34.0		67.6	3.1	96.9		

Start Time	Southbound						Forbes Ave Westbound						Armstrong Tunnels Northbound						Forbes Ave Eastbound					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
																								1.0
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	0	0	0	0	0	0	0	0	0	105	0	428	0	533	0	561	599	0	1160	1693			
Intersection 04:30 PM	0	0	0	0	0	0	0	0	0	0	19.7	0.0	80.3	0.0	51.6	0.0	48.4	51.6	0.0	323	460			
Volume	0	0	0	0	0	0	0	0	0	0	20	0	117	0	137	0	169	154	0	0.920				
Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
05:15 Volume	0	0	0	0	0	0	0	0	0	0	20	0	117	0	137	0	169	154	0	323	460			
Peak Factor	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.973	0.0	0.0	0.0	0.0	0.898				
High Int. 3:45:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Peak Factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

HW = 1%, HW = 4%

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#23_PM
 Site Code : 23111502
 Start Date : 11/15/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-2263)

Start Time	Washington PI Southbound				Forbes Ave Westbound				Washington PI Northbound				Forbes Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total					
	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								
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								
04:00 PM	34	9	0	1	43	0	0	0	0	0	0	40	34	1	74	83	113	15	211	15	328	343	
04:15 PM	25	8	0	0	33	0	0	0	0	0	0	49	20	0	69	72	138	19	229	13	331	344	
04:30 PM	27	9	0	1	36	0	0	0	0	0	0	61	44	0	105	96	128	10	234	8	375	383	
04:45 PM	37	14	0	2	51	0	0	0	0	0	0	41	40	0	81	69	119	10	198	13	330	343	
Total	123	40	0	4	163	0	0	0	0	0	0	191	138	1	329	320	498	54	872	49	1364	1413	
05:00 PM	42	12	0	0	54	0	0	0	0	0	0	39	19	0	58	75	139	20	234	6	346	352	
05:15 PM	46	18	0	0	64	0	0	0	0	0	0	26	29	0	55	83	156	26	265	11	384	395	
05:30 PM	35	22	0	0	57	0	0	0	0	0	0	18	22	0	40	79	142	26	247	11	344	355	
05:45 PM	29	25	0	1	54	0	0	0	0	0	0	27	32	0	59	93	120	22	235	8	348	356	
Total	152	77	0	1	229	0	0	0	0	0	0	110	102	0	212	330	557	94	981	36	1422	1458	
Grand Total	275	117	0	5	392	0	0	0	0	0	0	301	240	1	541	650	1055	148	1853	85	2786	2871	
Approch %	70.2	29.8	0.0			0.0	0.0	0.0			0.0	55.6	44.4		19.4	35.1	56.9	8.0					
Total %	9.9	4.2	0.0		14.1	0.0	0.0	0.0			0.0	10.8	8.6		5.3	23.3	37.9	5.3			3.0	97.0	

Start Time	Washington PI Southbound				Forbes Ave Westbound				Washington PI Northbound				Forbes Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total					
	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								
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																							
Intersection 04:30 PM	152	77	0	1	229	0	0	0	0	0	0	110	102	0	212	330	557	94	981	36	1422	1458	
Volume	152	77	0	1	229	0	0	0	0	0	0	110	102	0	212	330	557	94	981	36	1422	1458	
Percent	74.1	35.1	0.0	0.4	100.0	0.0	0.0	0.0	0.0	0.0	0.0	55.6	44.4	0.0	19.4	35.1	56.9	8.0					
05:15 Volume	46	25	0	0	64	0	0	0	0	0	0	26	29	0	55	83	156	26	265	11	344	355	
Peak Factor	0.31	0.33	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.28	0.0	0.26	0.25	0.28	0.28	0.27	0.32	0.30	0.31	
High Int. 05:15 PM	46	25	0	0	64	0	0	0	0	0	0	26	29	0	55	83	156	26	265	11	344	355	
Volume	46	25	0	0	64	0	0	0	0	0	0	26	29	0	55	83	156	26	265	11	344	355	
Peak Factor	0.31	0.33	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.28	0.0	0.26	0.25	0.28	0.28	0.27	0.32	0.30	0.31	

HW = 17

HW = 0.7

HW = 47

Groups Printed- All Vehicles (Board # D1-1683)

Start Time	Grant St. Southbound				Court Pl Westbound				Northbound				Blvd Allies Eastbound						
	Left	Thru to I-376 Ramp	T/B	App. Total	Left	Thru to Blvd Allies	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right to I-376 Ramp	Right to Alley	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	1.0	1.0	596
04:00 PM	0	23	0	23	0	53	5	85	0	0	0	0	0	0	0	35	11	46	154
04:15 PM	0	22	0	22	0	58	4	78	0	0	0	0	0	0	34	20	54	154	
04:30 PM	0	18	0	18	0	49	8	67	0	0	0	0	0	1	32	11	44	129	
04:45 PM	0	23	0	23	0	84	5	105	0	0	0	0	0	0	20	11	31	159	
Total	0	86	0	86	0	244	22	335	0	0	0	0	0	1	121	53	175	596	
05:00 PM	0	29	0	29	0	60	2	75	0	0	0	0	0	0	22	7	29	133	
05:15 PM	0	25	0	25	1	74	5	99	0	0	0	0	0	0	26	15	41	165	
05:30 PM	0	20	0	20	0	66	3	90	0	0	0	0	0	0	13	9	22	132	
05:45 PM	0	16	0	16	0	71	2	82	0	0	0	0	0	0	13	11	24	122	
Total	0	90	0	90	1	271	12	346	0	0	0	0	0	0	74	42	116	552	
Grand Total	0	176	0	176	1	515	34	681	0	0	0	0	0	1	195	95	291	1148	
Approach %	0.0	100.0	0.0	100.0	0.1	75.6	5.0	59.3	0.0	0.0	0.0	0.0	0.0	0.3	67.0	32.6	291	1148	
Total %	0.0	15.3	0.0	15.3	0.1	44.9	3.0	59.3	0.0	0.0	0.0	0.0	0.0	0.1	17.0	8.3	25.3	1148	

Start Time	Grant St. Southbound				Court Pl Westbound				Northbound				Blvd Allies Eastbound						
	Left	Thru to I-376 Ramp	T/B	App. Total	Left	Thru to Blvd Allies	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right to I-376 Ramp	Right to Alley	App. Total	Int. Total
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	86	0	86	0	244	22	335	0	0	0	0	0	0	1	121	53	175	596
Intersection 04:00 PM	0	86	0	86	0	244	22	335	0	0	0	0	0	0	1	121	53	175	596
Volume	0	86	0	86	0	244	22	335	0	0	0	0	0	0	1	121	53	175	596
Percent	0.0	100.0	0.0	100.0	0.0	72.8	6.6	105	0.0	0.0	0.0	0.0	0.0	0.0	0.6	69.1	30.3	175	596
04:45 Volume	0	23	0	23	0	84	5	105	0	0	0	0	0	0	0	20	11	31	159
Peak Factor	0	23	0	23	0	84	5	105	0	0	0	0	0	0	0	20	11	31	159
High Int. 04:00 PM	0	23	0	23	0	84	5	105	0	0	0	0	0	0	0	20	11	31	159
Volume	0	23	0	23	0	84	5	105	0	0	0	0	0	0	0	20	11	31	159
Peak Factor	0	23	0	23	0	84	5	105	0	0	0	0	0	0	0	20	11	31	159
Peak Hour From 04:45 PM to 05:30 PM - Peak 1 of 1	0	97	0	97	1	284	15	369	0	0	0	0	0	0	0	81	42	123	589
Intersection 04:45 PM	0	97	0	97	1	284	15	369	0	0	0	0	0	0	0	81	42	123	589
Volume	0	97	0	97	1	284	15	369	0	0	0	0	0	0	0	81	42	123	589
Percent	0.0	100.0	0.0	100.0	0.3	77.0	4.1	99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.9	34.1	123	589
05:15 Volume	0	25	0	25	1	74	5	99	0	0	0	0	0	0	0	26	15	41	165
Peak Factor	0	25	0	25	1	74	5	99	0	0	0	0	0	0	0	26	15	41	165
High Int. 05:00 PM	0	25	0	25	1	74	5	99	0	0	0	0	0	0	0	26	15	41	165
Volume	0	25	0	25	1	74	5	99	0	0	0	0	0	0	0	26	15	41	165
Peak Factor	0	25	0	25	1	74	5	99	0	0	0	0	0	0	0	26	15	41	165
Peak Hour From 05:00 PM to 05:45 PM - Peak 1 of 1	0	29	0	29	0	84	5	105	0	0	0	0	0	0	0	26	15	41	165
Intersection 05:00 PM	0	29	0	29	0	84	5	105	0	0	0	0	0	0	0	26	15	41	165
Volume	0	29	0	29	0	84	5	105	0	0	0	0	0	0	0	26	15	41	165
Peak Factor	0	29	0	29	0	84	5	105	0	0	0	0	0	0	0	26	15	41	165

W=47

Trans Associates
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#25_1_PM
 Site Code : 05380025
 Start Date : 11/29/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D1-0664)

Start Time	Grant St Southbound				Blvd of the Allies Westbound				Grant St Northbound				Blvd of the Allies Eastbound				Int. Total				
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left		Thru	Right	T/B	App. 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	1.0	1.0	1.0	1.0	1.0
04:00 PM	0	148	13	0	161	0	5	0	0	5	73	14	1	93	9	134	62	2	207	466	
04:15 PM	1	119	17	0	137	0	13	0	0	13	4	90	23	118	6	146	48	11	211	479	
04:30 PM	0	166	39	0	205	0	13	1	0	14	7	81	23	117	0	163	73	11	247	583	
04:45 PM	0	159	31	0	190	0	15	0	0	15	7	109	26	144	5	176	68	8	257	606	
Total	1	592	100	0	693	0	46	1	0	47	23	353	86	472	20	619	251	32	922	2134	
05:00 PM	0	139	26	0	165	0	13	0	0	13	6	112	25	150	6	186	65	10	267	595	
05:15 PM	0	137	29	0	166	0	10	0	0	10	8	118	31	161	3	193	74	7	277	614	
05:30 PM	1	144	28	0	173	0	18	0	0	18	21	142	35	200	5	164	59	5	233	624	
05:45 PM	2	125	17	0	144	0	31	0	0	31	10	122	28	166	4	155	55	10	224	565	
Total	3	545	100	0	648	0	72	0	0	72	45	494	119	677	18	698	253	32	1001	2398	
Grand Total	4	1137	200	0	1341	0	118	1	0	119	68	847	205	1149	38	1317	504	64	1923	4532	
Approach %	0.3	84.8	14.9	0.0	29.6	0.0	99.2	0.8	0.0	2.6	5.9	73.7	17.8	25.4	2.0	68.5	26.2	3.3	42.4		
Total %	0.1	25.1	4.4	0.0	29.6	0.0	2.6	0.0	0.0	2.6	1.5	18.7	4.5	25.4	0.8	29.1	11.1	1.4			

Start Time	Grant St Southbound				Blvd of the Allies Westbound				Grant St Northbound				Blvd of the Allies Eastbound				Int. Total				
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left		Thru	Right	T/B	App. Total
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection 04:45 PM	1	579	114	0	694	0	56	0	0	56	42	481	117	15	655	19	719	266	30	1034	2439
Volume	0.1	83.4	16.4	0.0	173	0.0	100.0	0.0	0.0	18	6.4	73.4	17.9	2.3	200	1.8	69.5	25.7	2.9		
Percent	1	144	28	0	173	0	18	0	0	18	21	142	35	2	200	5	164	59	5	233	624
Peak Factor																					0.977
High Int. 04:45 PM	0	159	31	0	190	05:30 PM	0	18	0	18	21	142	35	2	200	05:15 PM	3	193	74	7	277
Volume	0	159	31	0	190	0	18	0	0	18	21	142	35	2	200	3	193	74	7	277	0.933
Peak Factor																					

LV=42

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#26_PM
 Site Code : 05380026
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D4-1684)

Start Time	Grant St Southbound				First Ave Westbound				Grant St Northbound				Eastbound				Int. Total				
	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B					
	App. Total				App. Total				App. Total				App. 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	20	125	0	1	94	0	16	10	110	0	122	86	4	208	0	0	0	0	0	15	463
04:15 PM	19	153	0	2	172	0	18	4	112	0	113	73	5	186	0	0	0	0	0	11	470
04:30 PM	14	180	0	5	194	0	89	3	103	0	125	74	4	199	0	0	0	0	0	22	496
04:45 PM	30	161	0	3	191	0	81	4	97	1	137	69	9	207	0	0	0	0	0	16	495
Total	83	619	0	11	702	358	61	31	422	1	497	302	22	800	0	0	0	0	0	64	1924
05:00 PM	19	164	0	2	183	78	15	2	93	0	151	26	3	177	0	0	0	0	0	7	453
05:15 PM	8	185	0	3	193	113	17	6	130	0	164	23	3	187	0	0	0	0	0	12	510
05:30 PM	22	193	0	0	215	91	10	2	101	0	205	24	2	229	0	0	0	0	0	4	545
05:45 PM	10	142	0	1	152	89	12	3	101	0	178	22	3	200	0	0	0	0	0	7	453
Total	59	684	0	6	743	371	54	13	425	0	698	95	11	793	0	0	0	0	0	30	1961
Grand Total	142	1303	0	17	1445	729	115	44	847	1	1195	397	33	1593	0	0	0	0	0	94	3885
Approch %	9.8	90.2	0.0		86.1	0.4	13.6		21.8	0.0	75.0	24.9		41.0	0.0	0.0	0.0	0.0	0.0	2.4	97.6
Total %	3.7	33.5	0.0		18.8	0.1	3.0				30.8	10.2									

Start Time	Grant St Southbound				First Ave Westbound				Grant St Northbound				Eastbound				Int. Total			
	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B	Left	Thru	Right	T/B				
	App. Total				App. Total				App. Total				App. Total							
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																				
Intersection 04:45 PM	79	703	0		782	363	0		421	1	657	142	800	0	0		0	0	0	2003
Volume	10.1	89.9	0.0		86.2	86.2	0.0		13.8	0.1	82.1	17.8	229	0.0	0.0		0.0	0.0	0.0	545
Percent	22	193	0		91	91	0		101	0	205	24	229	0	0		0	0	0	0.919
05:30 Volume Peak Factor																				
High Int. 05:30 PM																				
Volume	22	193	0		215	113	0		130	0	205	24	229	0	0		3:45:00 PM			
Peak Factor					0.909	0.810	0		0.810	0	0.873	0.873								

HW = 173
 HW = 37
 HW = 27

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburgh, PA 15205

File Name : AYHPL00_05380_#27_PM
 Site Code : 53800027
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D4-4434)

Start Time	Grant St Southbound						Parkway Off Ramp Westbound						Parkway Off Ramp Northbound						Ft. Pitt Blvd Eastbound					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	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	1.0	1.0	1.0	1.0				
04:00 PM	0	121	89	8	210	50	28	0	2	78	2	116	0	2	118	0	60	0	1	60	13	466	479	
04:15 PM	0	141	97	5	238	68	47	0	1	115	0	90	0	2	90	0	53	0	3	53	11	496	507	
04:30 PM	0	134	148	11	282	112	40	0	1	152	0	86	0	1	86	0	63	0	2	63	15	583	598	
04:45 PM	0	126	110	6	236	104	64	0	5	168	1	102	0	1	103	0	53	0	3	53	15	560	575	
Total	0	522	444	30	966	334	179	0	9	513	3	394	0	6	397	0	229	0	9	229	54	2105	2159	
05:00 PM	0	121	136	2	257	92	58	0	1	150	2	101	0	2	103	1	54	0	0	55	5	565	570	
05:15 PM	0	150	109	6	259	84	48	0	2	132	1	109	1	0	111	0	53	0	0	53	8	555	563	
05:30 PM	0	134	104	0	238	70	54	0	2	124	14	127	0	1	141	0	63	0	0	63	3	566	569	
05:45 PM	0	118	90	3	208	81	61	2	2	144	5	76	0	3	81	0	35	0	0	35	8	468	476	
Total	0	523	439	11	962	327	221	2	7	550	22	413	1	6	436	1	205	0	0	206	24	2154	2178	
Grand Total	0	1045	883	41	1928	661	400	2	16	1063	25	807	1	12	833	1	434	0	9	435	78	4259	4337	
Approach %	0.0	54.2	45.8		45.3	62.2	37.6	0.2		25.0	3.0	96.9	0.1		19.6	0.2	99.8	0.0		10.2	1.8	98.2		
Total %	0.0	24.5	20.7			15.5	9.4	0.0			0.6	18.9	0.0			0.0	10.2	0.0						

Start Time	Grant St Southbound						Parkway Off Ramp Westbound						Parkway Off Ramp Northbound						Ft. Pitt Blvd Eastbound					
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total	
	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	1.0	1.0	1.0	1.0				
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	0	531	503		1034	392	210			0	602	4	398	1	403	1	223	0		224	2263			
Volume	0	51.4	48.6		65.1	65.1	34.9			0.0	152	1.0	98.8	0.2	86	0.4	99.6	0.0		63	0			
Percent	0	134	148		282	112	40			0	168	0	86	0	111	0	63	0		63	0			
Peak Factor											0.896				0.908						0.970			
High Int. Volume	0	134	148		282	104	64			0	168	1	109	1	111	0	63	0		63	0			
Peak Factor					0.917						0.896				0.908						0.889			
Peak Hour From 04:45 PM to 05:30 PM - Peak 1 of 1	0	531	459		990	350	224			0	574	18	439	1	458	1	223	0		224	2246			
Volume	0	53.6	46.4		61.0	61.0	39.0			0.0	124	3.9	95.9	0.2	141	0.4	99.6	0.0		63	0			
Percent	0	134	104		238	70	54			0	168	14	127	0	141	0	63	0		63	0			
Peak Factor											0.854				0.812						0.992			
High Int. Volume	0	150	109		259	104	64			0	168	14	127	0	141	0	63	0		63	0			
Peak Factor					0.956						0.854				0.812						0.889			

HW=17
 HW=27
 HW=17

Trans Associates Engineering Consultants
 Twin Towers, Suite 400
 4955 Steubenville Pike
 Pittsburg, PA 15205

File Name : AYHPL00_05380_#28_PM
 Site Code : 53800028
 Start Date : 11/16/2005
 Page No : 1

Groups Printed- All Vehicles (Board # D4-4435)

Start Time	Ross St Southbound				Second Ave Westbound				Ross St Northbound				Second Ave Eastbound										
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total					
	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								
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								
04:00 PM	60	39	5	3	104	0	59	60	8	119	2	32	22	2	56	2	81	2	0	85	13	364	377
04:15 PM	83	34	8	4	125	0	70	54	12	124	1	35	18	0	54	6	51	5	0	62	16	365	381
04:30 PM	70	33	8	5	111	2	89	62	11	153	3	28	23	0	54	4	60	1	1	65	17	383	400
04:45 PM	73	13	4	3	90	1	88	55	7	144	2	34	35	0	71	3	73	0	0	76	10	381	391
Total	286	119	25	15	430	3	306	231	38	540	8	129	98	2	235	15	265	8	1	288	56	1493	1549
05:00 PM	72	26	3	6	101	0	75	49	15	124	4	40	16	0	60	3	67	0	0	70	21	355	376
05:15 PM	86	38	6	6	130	0	89	32	4	121	0	40	18	0	58	8	81	2	1	91	11	400	411
05:30 PM	86	25	10	2	121	2	113	46	4	161	4	47	26	0	77	2	58	2	0	62	6	421	427
05:45 PM	83	31	12	5	126	1	94	47	5	142	2	30	9	1	41	4	53	0	2	57	13	366	379
Total	327	120	31	19	478	3	371	174	28	548	10	157	69	1	236	17	259	4	3	280	51	1542	1593
Grand Total	613	239	56	34	908	6	677	405	66	1088	18	286	167	3	471	32	524	12	4	568	107	3035	3142
Approch %	67.5	26.3	6.2		29.9	0.6	62.2	37.2		35.8	3.8	60.7	35.5		15.5	5.6	92.3	2.1		18.7	3.4	96.6	
Total %	20.2	7.9	1.8			0.2	22.3	13.3			0.6	9.4	5.5			1.1	17.3	0.4					

Start Time	Ross St Southbound				Second Ave Westbound				Ross St Northbound				Second Ave Eastbound									
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total	Inclu. Total	Int. Total				
	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							
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1	317	102	23		442	3	365	182		550	10	161	95		266	16	279	4		299		1557
Intersection 04:45 PM	71.7	23.1	5.2		121	0.5	66.4	33.1		161	3.8	60.5	35.7		77	5.4	93.3	1.3		62		421
05:30 Volume	86	25	10		121	2	113	46		161	4	47	26		77	2	58	2		62		0.925
Peak Factor	0.86	0.25	0.25		0.850	0.023	0.163	0.131		0.161	0.053	0.072	0.073		0.0864	0.023	0.065	0.023		0.0821		
High Int. 05:15 PM	86	38	6		130	2	113	46		161	4	47	26		77	8	81	2		91		
Volume	86	38	6		130	2	113	46		161	4	47	26		77	8	81	2		91		
Peak Factor	0.86	0.25	0.25		0.850	0.023	0.163	0.131		0.161	0.053	0.072	0.073		0.0864	0.023	0.065	0.023		0.0821		

WV = 49%
 WV = 57%
 WV = 0.2%
 WV = 67%

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

File Name : AYHPL00_05380_#02_FRI_6-10_A
 Site Code : 05380002
 Start Date : 12/2/2005
 Page No : 1

Groups Printed- Unshifted

Start Time	Southbound				Liberty Ave Westbound				Smithfield Northbound				Liberty Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total					
Factor	1.0	1.0	1.0	1.0	0.0	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	0	0	10	24	9	7	43	6	0	13	0	19	1	34	2	3	37	10	99	109
06:15 PM	0	0	0	0	0	6	31	1	6	38	17	0	41	1	58	0	56	2	8	58	15	154	169
Grand Total	0	0	0	0	0	16	55	10	13	81	23	0	54	1	77	1	90	4	11	95	25	253	278
Apprch %	0.0	0.0	0.0	0.0	0.0	19.8	67.9	12.3		29.9	0.0	0.0	70.1		1.1	94.7	4.2						
Total %	0.0	0.0	0.0	0.0	0.0	6.3	21.7	4.0		32.0	9.1	0.0	21.3		30.4	0.4	35.6	1.6		37.5	9.0	91.0	91.0

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

File Name : AYHPL00_05380_#03_fri_6-10
 Site Code : 05380003
 Start Date : 12/2/2005
 Page No : 1

Start Time	Smithfield Southbound						Seventh Westbound						Smithfield St. Northbound						Seventh Eastbound								
	Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total		Left	Thru	Right	T/B	App. Total				
	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	1.0	1.0	1.0	1.0				
06:00 PM	3	7	1	5	11		0	55	11	5	66		0	34	33	1	67		0	79	1	3	80		14	224	238
06:15 PM	2	5	1	8	8		0	60	4	2	64		0	52	28	2	80		3	57	1	5	61		17	213	230
06:30 PM	1	2	0	3	3		1	64	4	1	69		0	47	20	1	67		4	53	0	2	57		7	196	203
06:45 PM	2	2	0	1	4		0	74	2	4	76		2	47	17	1	66		3	67	0	4	70		10	216	226
Total	8	16	2	17	26		1	253	21	12	275		2	180	98	5	280		10	256	2	14	268		48	849	897
07:00 PM	1	2	0	4	3		0	75	6	1	81		2	42	27	1	71		0	65	0	4	65		10	220	230
07:15 PM	1	3	0	3	4		0	84	2	2	86		1	39	23	1	63		0	52	0	2	52		8	205	213
07:30 PM	3	2	2	1	7		0	52	8	3	60		0	43	24	1	67		0	41	0	3	41		8	175	183
07:45 PM	1	2	0	0	3		0	40	3	1	43		0	35	23	1	58		2	58	0	2	60		4	164	168
Total	6	9	2	8	17		0	251	19	7	270		3	159	97	4	259		2	216	0	11	218		30	764	794
08:00 PM	1	2	1	3	4		0	32	2	2	34		0	34	14	0	48		3	35	1	0	39		5	125	130
08:15 PM	4	1	0	1	5		0	33	2	1	35		0	30	10	0	40		1	52	1	3	54		5	134	139
08:30 PM	1	0	1	1	2		0	27	3	1	30		0	32	12	0	44		0	39	0	1	39		3	115	118
08:45 PM	0	1	0	0	1		0	34	4	1	38		0	43	11	0	54		0	43	1	1	44		2	137	139
Total	6	4	2	5	12		0	126	11	5	137		0	139	47	0	186		4	169	3	5	176		15	511	526
09:00 PM	1	0	0	1	1		0	27	2	1	29		0	30	12	0	42		0	37	0	2	37		4	109	113
09:15 PM	1	2	0	2	3		0	28	2	2	30		1	39	20	0	60		1	39	0	2	40		6	133	139
09:30 PM	2	0	2	1	4		0	22	3	0	25		0	40	23	0	63		0	75	0	2	75		3	167	170
09:45 PM	1	2	0	0	3		0	27	4	1	31		0	36	24	0	60		0	81	0	2	81		3	175	178
Total	5	4	2	4	11		0	104	11	4	115		1	145	79	0	225		1	232	0	8	233		16	584	600
Grand Total	25	33	8	34	66		1	734	62	28	797		6	623	321	9	950		17	873	5	38	895		109	2708	2817
Approach %	37.9	50.0	12.1		2.4		0.1	92.1	7.8		29.4		0.6	65.6	33.8		35.1		1.9	97.5	0.6		33.1		3.9	96.1	
Total %	0.9	1.2	0.3				0.0	27.1	2.3				0.2	23.0	11.9				0.6	32.2	0.2						

Start Time	Smithfield Southbound			Seventh Westbound			Smithfield St. Northbound			Seventh Eastbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Peak Hour From 06:00 PM to 09:45 PM - Peak 1 of 1	8	16	2	1	253	21	2	180	98	10	256	2
Intersection 06:00 PM	30.8	61.5	7.7	0.4	92.0	7.6	0.7	64.3	35.0	3.7	95.5	0.7
06:00 Volume	3	7	1	0	55	11	0	34	33	0	79	1
Peak Factor	0.06	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Int. 06:00 PM	3	7	1	0	55	11	0	34	33	0	79	1
Volume	3	7	1	0	55	11	0	34	33	0	79	1
Peak Factor	0.06	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

File Name : AYHPL00_05380_#04_a_FRI_6-10
 Site Code : 05380004
 Start Date : 12/2/2005
 Page No : 1

Groups Printed- Unshifted

Start Time	Liberty Ave Southbound				Westbound				Liberty Ave Northbound				11th Eastbound				Int. Total			
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. 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		
06:00 PM	0	184	17	0	0	0	0	0	0	0	41	162	0	2	203	7	0	60	0	67
06:15 PM	0	106	10	3	0	0	0	0	0	0	32	126	0	3	158	14	0	39	5	53
06:30 PM	0	88	7	1	0	0	0	0	0	0	39	133	0	6	172	16	0	37	1	53
06:45 PM	0	90	12	0	0	0	0	0	0	0	24	125	0	8	149	18	0	44	2	62
Total	0	468	46	4	0	0	0	0	0	0	136	546	0	19	682	55	0	180	8	235
07:00 PM	0	94	13	1	0	0	0	0	0	0	29	120	0	4	149	23	0	46	1	69
07:15 PM	0	80	10	1	0	0	0	0	0	0	26	115	0	4	141	13	0	49	2	62
07:30 PM	0	76	15	1	0	0	0	0	0	0	35	108	0	3	143	9	0	46	0	55
07:45 PM	0	60	12	1	0	0	0	0	0	0	21	94	0	7	115	10	0	34	2	44
Total	0	310	50	4	0	0	0	0	0	0	111	437	0	18	548	55	0	175	5	230
08:00 PM	0	73	9	6	0	0	0	0	0	0	25	103	0	11	128	9	0	43	1	52
08:15 PM	0	42	8	5	0	0	0	0	0	0	19	98	0	6	117	11	0	33	0	44
08:30 PM	0	73	13	3	0	0	0	0	0	0	11	120	0	5	131	17	0	33	0	50
08:45 PM	0	101	9	1	0	0	0	0	0	0	17	137	0	2	154	11	0	42	0	53
Total	0	289	39	15	0	0	0	0	0	0	72	458	0	24	530	48	0	151	1	199
09:00 PM	0	82	14	0	0	0	0	0	0	0	17	115	0	1	132	9	0	28	0	37
09:15 PM	0	56	7	1	0	0	0	0	0	0	20	122	0	5	142	13	0	19	0	32
09:30 PM	0	59	7	0	0	0	0	0	0	0	26	103	0	1	129	11	0	39	0	50
09:45 PM	0	63	7	0	0	0	0	0	0	0	36	121	0	4	157	9	0	43	1	52
Total	0	260	35	1	0	0	0	0	0	0	99	461	0	11	560	42	0	129	1	171
Grand Total	0	1327	170	24	0	0	0	0	0	0	418	1902	0	72	2320	200	0	635	15	835
Approch %	0.0	88.6	11.4		0.0	0.0	0.0	0.0	18.0	82.0	0.0	0.0	0.0	0.0	49.9	24.0	0.0	76.0		17.9
Total %	0.0	28.5	3.7		0.0	0.0	0.0	0.0	9.0	40.9	0.0	0.0	0.0	0.0	4.3	4.3	0.0	13.7		97.7

Start Time	Liberty Ave Southbound				Westbound				Liberty Ave Northbound				11th Eastbound				Int. Total			
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total		
Peak Hour From 06:00 PM to 09:45 PM - Peak 1 of 1	0	468	46		0	0	0		0	0	136	546	0		0	0	0		0	0
Intersection 06:00 PM	0	0	0		0	0	0		0	0	19.9	80.1	0		0	0	0		0	0
Volume	0	0	0		0	0	0		0	0	41	162	0		0	0	0		0	0
Percent	0.0	91.1	8.9		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0
06:00 Volume	0	184	17		0	0	0		0	0	203	0		0	0	0		0	0	
Peak Factor	0	0	0		0	0	0		0	0	06:00 PM	06:00 PM	0		0	0	0		0	0
High Int.	0	0	0		0	0	0		0	0	41	162	0		0	0	0		0	0
Volume	0	184	17		0	0	0		0	0	203	0		0	0	0		0	0	
Peak Factor	0	0	0		0	0	0		0	0	06:00 PM	06:00 PM	0		0	0	0		0	0
Total	0	468	46		0	0	0		0	0	136	546	0		0	0	0		0	0
Approch %	0.0	88.6	11.4		0.0	0.0	0.0		18.0	82.0	0.0	0.0	0.0		49.9	24.0	0.0	76.0		17.9
Total %	0.0	28.5	3.7		0.0	0.0	0.0		9.0	40.9	0.0	0.0	0.0		4.3	4.3	0.0	13.7		97.7

Trans Associates
4955 Steubenville Pike
Suite 400
Pittsburgh, PA., 15205

File Name : AYHPL00_05380_#04_a_FR|_6-10
Site Code : 053800004
Start Date : 12/2/2005
Page No : 2

Start Time Peak Hour From 09:00 PM to 09:45 PM - Peak 1 of 1 Intersection 09:00 PM	Liberty Ave Southbound			Westbound			Liberty Ave Northbound			11th Eastbound			Int. Total		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total	App. Total			
Volume	0	260	35	0	0	0	99	461	0	42	0	129	560	171	1026
Percent	0.0	88.1	11.9	0.0	0.0	0.0	17.7	82.3	0.0	24.6	0.0	75.4	157	52	279
Peak Factor	0	63	7	0	0	0	36	121	0	9	0	43	0.892	0.822	0.919
High Int. Volume	0	82	14	0	0	0	36	121	0	9	0	43	157	52	279
Peak Factor	0	0.768		0	0	0	0.945 PM	0.945 PM	0	0.945 PM	0	0.945 PM	0.892	0.822	0.919

Trans Associates
 4955 Steubenville Pike
 Suite 400
 Pittsburgh, PA., 15205

File Name : AYHPL00_05380_#04_b_FRI_6-10
 Site Code : 05380041
 Start Date : 12/2/2005
 Page No : 1

Groups Printed- Unshifted

Start Time	Liberty Ave Southbound				Bus Term. Westbound				Grant St. Northbound				Liberty Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total					
	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	94	5	0	99	12	16	5	7	33	1	98	16	9	115	43	7	7	59	23	306	329	
06:15 PM	0	136	17	1	153	6	10	3	10	19	0	134	15	8	149	47	8	9	64	28	385	413	
06:30 PM	0	100	17	1	117	10	13	3	9	26	1	109	3	4	113	53	4	11	10	68	24	324	348
06:45 PM	0	112	24	1	136	11	3	4	3	18	0	107	11	10	118	54	13	6	11	73	25	345	370
Total	0	442	63	3	505	39	42	15	29	96	2	448	45	31	495	197	32	35	37	264	100	1360	1460
07:00 PM	0	120	17	3	137	3	8	1	8	12	2	100	5	2	107	50	4	7	2	61	15	317	332
07:15 PM	0	125	19	3	144	8	7	5	8	20	0	104	12	6	116	36	7	7	4	50	21	330	351
07:30 PM	0	98	25	2	123	6	4	4	1	14	2	108	4	5	114	28	7	3	5	38	13	289	302
07:45 PM	0	77	15	1	92	1	4	2	3	7	1	65	12	4	78	45	5	6	7	56	15	233	248
Total	0	420	76	9	496	18	23	12	20	53	5	377	33	17	415	159	23	23	18	205	64	1169	1233
08:00 PM	1	108	15	8	124	2	2	3	2	7	1	87	3	3	91	44	4	7	8	55	21	277	298
08:15 PM	0	71	5	4	76	2	4	0	2	6	0	83	2	7	85	39	2	12	3	53	16	220	236
08:30 PM	0	95	13	2	108	3	2	2	2	7	0	91	2	1	93	42	4	5	7	51	12	259	271
08:45 PM	0	98	4	1	102	2	4	0	0	6	0	97	4	3	101	57	3	2	1	62	5	271	276
Total	1	372	37	15	410	9	12	5	6	26	1	358	11	14	370	182	13	26	19	221	54	1027	1081
09:00 PM	0	83	5	1	88	7	4	0	0	11	0	95	4	3	99	50	4	2	1	56	5	254	259
09:15 PM	0	61	13	1	74	5	4	0	3	9	0	97	7	4	104	47	4	8	5	59	13	246	259
09:30 PM	0	91	3	0	94	3	4	1	2	8	0	87	7	0	94	39	7	8	2	54	4	250	254
09:45 PM	0	85	15	1	100	2	4	0	2	6	0	115	11	2	126	47	3	17	3	67	8	299	307
Total	0	320	36	3	356	17	16	1	7	34	0	394	29	9	423	183	18	35	11	236	30	1049	1079
Grand Total	1	1554	212	30	1767	83	93	33	62	209	8	1577	118	71	1703	721	86	119	85	926	248	4605	4853
Approch %	0.1	87.9	12.0		38.4	39.7	44.5	15.8		4.5	0.5	92.6	6.9		77.9	77.9	9.3	12.9		20.1	5.1	94.9	
Total %	0.0	33.7	4.6			1.8	2.0	0.7			0.2	34.2	2.6		37.0	15.7	1.9	2.6					

Start Time	Liberty Ave Southbound				Bus Term. Westbound				Grant St. Northbound				Liberty Ave Eastbound				Int. Total						
	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Left	Thru	Right	T/B	App. Total	Exclu. Total		Inclu. Total					
	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 to 09:45 PM - Peak 1 of 1	1554	212	30		1767	83	93	33	62	209	8	1577	118	71	1703	721	86	119	85	926	248	4605	4853
Intersection 06:15 PM	0	0	0		0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Volume	0	468	75		543	30	34	11		75	3	450	34		487	204	29	33		266	266	1371	
Percent	0.0	86.2	13.8		38.4	40.0	45.3	14.7		4.5	0.6	92.4	7.0		77.9	76.7	10.9	12.4		20.1	5.1	94.9	
06:15 Volume	0	136	17		153	6	10	3		19	0	134	15		149	47	8	9		64	64	385	
Peak Factor	0	0.862	0.136		0.887	0.862	0.862	0.862		0.862	0.862	0.862	0.862		0.862	0.862	0.862	0.862		0.862	0.862	0.862	
High Int. 06:15 PM	0	136	17		153	10	13	3		26	0	134	15		149	54	13	6		73	73	370	
Volume	0	136	17		153	10	13	3		26	0	134	15		149	54	13	6		73	73	370	
Peak Factor	0	0.862	0.136		0.887	0.862	0.862	0.862		0.862	0.862	0.862	0.862		0.862	0.862	0.862	0.862		0.862	0.862	0.862	

Trans Associates
4955 Steubenville Pike
Suite 400
Pittsburgh, PA., 15205

File Name : AYHPL00_05380_DORCAK_#5_Fri
Site Code : 538000005
Start Date : 12/2/2005
Page No : 1

Groups Printed- All Vehicles - (Board #D4-4435)

Start Time	Grant St. Southbound						Grant St. Northbound						7th Av. Westbound						7th Av. Eastbound					
	Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. Total		Left	Thru	Right	HV	App. 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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
06:00 PM	81	84	18	6	183	19	83	48	6	150	17	107	49	7	173	3	113	7	4	123	23	629	652	
06:15 PM	66	77	14	8	157	18	72	54	1	144	18	81	51	6	150	3	121	8	12	132	27	583	610	
06:30 PM	61	57	3	5	121	32	78	39	4	149	15	73	30	4	118	1	78	5	2	84	15	472	487	
06:45 PM	66	65	10	4	141	27	91	51	5	169	24	71	32	6	127	1	67	14	5	82	20	519	539	
Total	274	283	45	23	602	96	324	192	16	612	74	332	162	23	568	8	379	34	23	421	85	2203	2288	
07:00 PM	66	54	4	4	124	28	110	36	4	174	22	63	36	2	121	3	71	10	4	84	14	503	517	
07:15 PM	60	51	6	4	117	21	81	40	1	142	34	66	23	7	123	2	67	9	4	78	16	460	476	
07:30 PM	47	62	7	1	116	14	54	28	5	96	21	75	25	4	121	3	57	6	5	66	15	399	414	
07:45 PM	41	45	4	3	90	9	40	34	3	83	20	45	13	0	78	2	62	14	6	78	12	329	341	
Total	214	212	21	12	447	72	285	138	13	495	97	249	97	13	443	10	257	39	19	306	57	1691	1748	
08:00 PM	50	50	10	7	110	8	34	36	4	78	20	45	24	5	89	2	37	12	1	51	17	328	345	
08:15 PM	45	37	5	4	87	17	30	23	1	70	12	56	20	3	88	2	55	11	4	68	12	313	325	
08:30 PM	49	49	4	2	102	12	32	32	1	76	6	58	23	2	87	2	40	5	1	47	6	312	318	
08:45 PM	43	26	3	2	72	16	36	29	1	81	13	45	20	2	78	1	54	4	3	59	8	290	298	
Total	187	162	22	15	371	53	132	120	7	305	51	204	87	12	342	7	186	32	9	225	43	1243	1286	
09:00 PM	57	53	4	4	114	6	47	38	2	91	9	57	14	2	80	2	52	5	3	59	11	344	355	
09:15 PM	42	33	1	2	76	14	49	35	5	98	10	55	20	3	85	1	49	8	2	58	12	317	329	
09:30 PM	47	50	8	0	105	8	25	36	0	69	10	54	19	2	83	0	73	13	4	86	6	343	349	
09:45 PM	52	47	1	0	100	6	39	49	3	94	14	58	28	1	100	2	116	7	3	125	7	419	426	
Total	198	183	14	6	395	34	160	158	10	352	43	224	81	8	348	5	290	33	12	328	36	1423	1459	
Grand Total	873	840	102	56	1815	255	901	608	46	1764	265	1009	427	56	1701	30	1112	138	63	1280	221	6560	6781	
Approch %	48.1	46.3	5.6		27.7	14.5	51.1	34.5		26.9	15.6	59.3	25.1		25.9	0.5	17.0	10.8		19.5	3.3	96.7		
Total %	13.3	12.8	1.6			3.9	13.7	9.3			4.0	15.4	6.5			0.5	17.0	2.1			3.3	96.7		

Start Time	Grant St. Southbound			7th Av. Westbound			Grant St. Northbound			7th Av. Eastbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Peak Hour From 06:00 PM to 09:45 PM - Peak 1 of 1	274	283	45	96	324	192	74	332	162	30	1112	138
Intersection 06:00 PM	274	283	45	96	324	192	74	332	162	30	1112	138
Volume	274	283	45	96	324	192	74	332	162	30	1112	138
Percent	45.5	47.0	7.5	15.7	52.9	31.4	13.0	58.5	28.5	2.3	86.9	10.8
06:00 Volume	81	84	18	19	83	48	17	107	49	3	113	7
Peak Factor	0.81	0.84	0.18	0.19	0.83	0.48	0.17	1.07	0.49	0.05	17.0	2.1
High Int. 06:00 PM	81	84	18	06:45 PM	91	51	06:00 PM	107	49	06:15 PM	3	8
Volume	81	84	18	27	91	51	17	107	49	3	121	8
Peak Factor	0.81	0.84	0.18	0.822	0.905	0.905	0.17	0.107	0.49	0.821	0.121	0.0797
06:00 Volume	81	84	18	19	83	48	17	107	49	3	113	7
Peak Factor	0.81	0.84	0.18	0.19	0.83	0.48	0.17	1.07	0.49	0.05	17.0	2.1
06:00 Volume	81	84	18	19	83	48	17	107	49	3	113	7
Peak Factor	0.81	0.84	0.18	0.19	0.83	0.48	0.17	1.07	0.49	0.05	17.0	2.1
06:00 Volume	81	84	18	19	83	48	17	107	49	3	113	7
Peak Factor	0.81	0.84	0.18	0.19	0.83	0.48	0.17	1.07	0.49	0.05	17.0	2.1
06:00 Volume	81	84	18	19	83	48	17	107	49	3	113	7
Peak Factor	0.81	0.84	0.18	0.19	0.83	0.48	0.17	1.07	0.49	0.05	17.0	2.1

Trans Associates
 4955 Steubenville Pike
 Suite 400
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File Name : AYHPL00_05380_#07_Fri_6-10_Fixed
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Groups Printed- Group 1

Start Time	Grant St Southbound						6th Westbound						Grant St Northbound						6th Eastbound					
	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	
																								1.0
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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
06:00 PM	9	32	3	1	44	9	33	16	0	58	11	36	12	1	59	3	22	5	0	30	2	191	2	193
06:15 PM	23	77	6	7	106	26	71	36	1	133	33	79	27	6	139	19	47	8	3	74	17	452	17	469
06:30 PM	21	58	3	2	82	22	75	34	1	131	23	61	28	3	112	9	30	11	4	50	13	375	13	388
06:45 PM	15	69	8	1	92	33	94	35	6	162	37	65	26	5	128	9	32	9	2	50	14	432	14	446
Total	68	236	20	11	324	90	273	121	11	484	104	241	93	15	438	40	131	33	9	204	46	1450	46	1496
07:00 PM	17	47	16	4	80	23	61	35	2	119	48	58	31	2	137	12	32	8	1	52	9	388	9	397
07:15 PM	25	53	5	3	83	17	62	31	4	110	22	62	25	4	109	2	34	6	6	42	17	344	17	361
07:30 PM	15	52	2	0	69	26	61	28	2	115	12	54	28	2	94	7	39	5	0	51	4	329	4	333
07:45 PM	14	39	6	1	59	15	37	15	0	67	23	25	16	0	64	8	29	7	0	44	1	234	1	235
Total	71	191	29	8	291	81	221	109	8	411	105	199	100	8	404	29	134	26	7	189	31	1295	31	1326
08:00 PM	11	44	3	4	58	14	51	23	2	88	17	50	20	3	87	9	22	4	2	35	11	268	11	279
08:15 PM	11	38	7	2	56	19	43	27	0	89	11	52	15	6	78	9	36	4	0	49	8	272	8	280
08:30 PM	11	47	1	3	59	6	32	23	3	61	13	49	17	1	79	7	22	6	0	35	7	234	7	241
08:45 PM	4	16	2	0	22	6	8	8	0	22	1	20	8	1	29	2	8	1	0	11	1	84	1	85
Total	37	145	13	9	195	45	134	81	5	260	42	171	60	11	273	27	88	15	2	130	27	858	27	885
09:00 PM	1	9	1	0	11	4	7	6	0	17	2	12	4	0	18	1	10	2	0	13	0	59	0	59
09:15 PM	15	36	4	1	55	19	37	24	2	80	8	48	24	1	80	3	23	3	1	29	5	244	5	249
09:30 PM	18	31	3	1	80	11	45	44	4	100	11	34	19	0	64	10	49	3	0	62	5	306	5	311
09:45 PM	11	37	25	3	73	11	63	30	3	104	15	48	16	0	79	14	45	7	0	66	6	322	6	328
Total	45	113	61	5	219	45	152	104	9	301	36	142	63	1	241	28	127	15	1	170	16	931	16	947
Grand Total	221	685	123	33	1029	261	780	415	33	1456	287	753	316	35	1356	124	480	89	19	693	120	4534	120	4654
Approach %	21.5	66.6	12.0		17.9	53.6	28.5			32.1	21.2	55.5	23.3		29.9	17.9	69.3	12.8		15.3	2.6	97.4	2.6	97.4
Total %	4.9	15.1	2.7		22.7	5.8	17.2	9.2		32.1	6.3	16.6	7.0		29.9	2.7	10.6	2.0		15.3	2.6	97.4	2.6	97.4

Start Time	Grant St Southbound						6th Westbound						Grant St Northbound						6th Eastbound					
	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	
																								1.0
Peak Hour From 06:00 PM to 09:45 PM - Peak 1 of 1	76	251	33		360	104	301	140		545	141	263	112		516	49	141	36		226				
Intersection 06:15 PM	21.1	69.7	9.2		17.9	19.1	55.2	25.7		21.2	27.3	51.0	21.7		17.9	21.7	62.4	15.9		15.3				
06:15 Volume	23	77	6		106	26	71	36		133	33	79	27		139	19	47	8		74				
Peak Factor																								
High Int. 06:15 PM						06:45 PM					06:15 PM					06:15 PM								
Volume	23	77	6		106	33	94	35		162	33	79	27		139	19	47	8		74				
Peak Factor					0.849					0.841					0.928					0.764				

Trans Associates
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 Suite 400
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Groups Printed- All Vehicles - (Board #D4-4437)

Start Time	Bige./ Vet. Br. Ramps Southbound						6th Av. Westbound						6th Av. Eastbound						Inclu. Total	Int. Total						
	Left		Right		HV		App. Total		Thru		Right		HV		App. Total		Left				Right		HV		App. Total	
	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right			Thru	Right	Thru	Right	Thru	Right
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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
06:00 PM	24	58	62	0	144	0	6	72	13	1	91	1	11	41	7	1	59	54	49	10	0	113	2	407	409	
06:15 PM	19	61	68	0	148	0	5	86	15	2	106	1	16	34	8	0	58	55	53	7	1	115	3	427	430	
06:30 PM	21	45	59	1	125	1	1	69	21	2	91	1	11	30	13	3	54	36	45	17	0	98	6	368	374	
06:45 PM	19	38	80	4	137	0	0	68	6	0	74	1	17	24	7	1	48	35	32	10	0	77	5	336	341	
Total	83	202	269	5	554	12	12	295	55	5	362	5	55	129	35	5	219	180	179	44	1	403	16	1538	1554	
07:00 PM	16	44	54	1	114	1	2	57	5	1	64	1	14	22	6	1	42	39	41	9	1	89	4	309	313	
07:15 PM	31	44	59	0	134	0	0	69	3	3	72	1	18	17	13	1	48	38	36	10	0	84	4	338	342	
07:30 PM	11	32	59	1	102	1	0	60	7	1	67	1	14	15	6	1	35	42	36	11	0	89	3	293	296	
07:45 PM	13	38	34	1	85	1	1	43	3	3	47	1	7	25	3	1	35	30	36	10	0	76	5	243	248	
Total	71	158	206	3	435	3	3	229	18	8	250	4	53	79	28	4	160	149	149	40	1	338	16	1183	1199	
08:00 PM	14	32	41	0	87	0	2	50	2	2	54	1	12	16	3	1	31	20	35	5	0	60	3	232	235	
08:15 PM	16	28	23	0	67	0	0	43	5	0	48	1	15	13	7	1	35	25	30	5	0	60	1	210	211	
08:30 PM	11	18	28	0	57	0	3	33	6	2	42	0	8	13	3	0	24	18	32	5	1	55	3	178	181	
08:45 PM	6	22	23	0	51	0	0	45	2	2	47	1	7	16	7	1	30	18	32	3	0	53	3	181	184	
Total	47	100	115	0	262	1	5	171	15	6	191	3	42	58	20	3	120	81	129	18	1	228	10	801	811	
09:00 PM	8	26	24	0	58	0	1	39	3	0	43	0	11	10	2	0	23	18	41	3	0	62	0	186	186	
09:15 PM	11	25	21	0	57	0	2	51	2	2	55	0	10	7	2	0	19	26	38	1	0	65	2	196	198	
09:30 PM	8	24	29	0	61	0	3	45	0	0	48	1	8	13	11	1	32	28	50	13	0	91	1	232	233	
09:45 PM	10	29	26	1	65	1	1	43	4	3	48	1	10	25	11	2	46	30	63	8	0	101	6	260	266	
Total	37	104	100	1	241	1	7	178	9	5	194	3	39	55	26	3	120	102	192	25	0	319	9	874	883	
Grand Total	238	564	690	9	1492	27	27	873	97	24	997	15	189	321	109	15	619	512	649	127	3	1288	51	4396	4447	
Approach %	16.0	37.8	46.2		33.9	0.6	2.7	87.6	9.7	2.2	22.7	17.6	30.5	51.9	7.3	2.5	14.1	39.8	50.4	9.9	2.9	29.3	1.1	98.9		
Total %	5.4	12.8	15.7					19.9	2.2				4.3	7.3				11.6	14.8							

Start Time	Bige./ Vet. Br. Ramps Southbound						6th Av. Westbound						6th Av. Eastbound						Inclu. Total	Int. Total						
	Left		Right		HV		App. Total		Thru		Right		HV		App. Total		Left				Right		HV		App. Total	
	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right	Thru	Right			Thru	Right	Thru	Right	Thru	Right
Peak Hour From 06:00 PM to 09:45 PM - Peak 1 of 1	83	202	269	5	554	12	12	295	55	5	362	5	55	129	35	5	219	180	179	44	1	403	16	1538	1554	
Intersection 06:00 PM	83	202	269	5	554	12	12	295	55	5	362	5	55	129	35	5	219	180	179	44	1	403	16	1538	1554	
Volume	83	202	269	5	554	12	12	295	55	5	362	5	55	129	35	5	219	180	179	44	1	403	16	1538	1554	
Percent	15.0	36.5	48.6		33.9	0.6	2.7	87.6	9.7	2.2	22.7	17.6	30.5	51.9	7.3	2.5	14.1	39.8	50.4	9.9	2.9	29.3	1.1	98.9		
06:15 Volume	19	61	68		148	5	5	86	15		106	8	16	34	11		58	55	53	7		115	7	427	430	
Peak Factor	0.19	0.30	0.25		0.27	0.06	0.06	0.29	0.27		0.29	0.28	0.11	0.22	0.11		0.27	0.11	0.14	0.09		0.29	0.11	0.900		
High Int. 06:15 PM	19	61	68		148	5	5	86	15		106	8	16	34	11		58	55	53	7		115	7	427	430	
Volume	19	61	68		148	5	5	86	15		106	8	16	34	11		58	55	53	7		115	7	427	430	
Peak Factor	0.19	0.30	0.25		0.27	0.06	0.06	0.29	0.27		0.29	0.28	0.11	0.22	0.11		0.27	0.11	0.14	0.09		0.29	0.11	0.900		

Trans Associates
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Start Time	Bige./ Vet. Br. Ramps Southbound			6th Av. Westbound			Ross St. Northbound			6th Av. Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	App. Total			App. Total			App. Total			App. Total			
Peak Hour From 09:00 PM to 09:45 PM - Peak 1 of 1													
Intersection 09:00 PM	37	104	100	7	178	9	39	55	26	120	192	25	874
Volume	15.4	43.2	41.5	3.6	91.8	4.6	32.5	45.8	21.7	32.0	60.2	7.8	319
Percent	10	29	26	1	43	4	10	25	11	30	63	8	101
09:45 Volume													
Peak Factor				09:15 PM			09:45 PM			09:45 PM			0.840
High Int. 09:45 PM	10	29	26	2	51	2	10	25	11	46	63	8	260
Volume	0.927			0.882			0.652			0.790			
Peak Factor													

