



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 16 - Hwy 169-Ferry St & Hwy 10 South Ramp, 4-24-13, 12am-12am

Site Code : 10513216

Start Date : 4/24/2013

Page No : 1

TH 10 & TH 47/Ferry St South Ramp
Anoka, MN

Groups Printed- Cars + - Trucks

Start Time	169-Ferry St From North						Hwy 10 South Ramp From East						169-Ferry St From South						Hwy 10 South Ramp From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
12:00 AM	0	11	1	0	0	12	0	0	0	0	0	0	20	33	0	0	0	53	1	0	1	0	0	2	67
12:15 AM	0	10	2	0	0	12	0	0	0	0	0	0	13	23	0	0	0	36	0	0	1	0	0	1	49
12:30 AM	0	13	2	0	0	15	0	0	0	0	0	0	12	12	0	0	0	24	0	0	0	0	0	0	39
12:45 AM	0	7	2	0	0	9	0	0	0	0	0	0	6	16	0	0	0	22	3	0	0	0	0	3	34
Total	0	41	7	0	0	48	0	0	0	0	0	0	51	84	0	0	0	135	4	0	2	0	0	6	189
01:00 AM	0	6	2	0	0	8	0	0	0	0	0	0	5	8	0	0	0	13	0	0	1	0	0	1	22
01:15 AM	0	6	4	0	0	10	0	0	0	0	0	0	12	9	0	0	0	21	1	0	0	0	0	1	32
01:30 AM	0	8	3	0	0	11	0	0	0	0	0	0	7	6	0	0	0	13	3	0	0	0	0	3	27
01:45 AM	0	11	4	0	0	15	0	0	0	0	0	0	4	12	0	0	0	16	0	0	0	0	0	0	31
Total	0	31	13	0	0	44	0	0	0	0	0	0	28	35	0	0	0	63	4	0	1	0	0	5	112
02:00 AM	0	3	2	0	0	5	0	0	0	0	0	0	8	9	0	0	0	17	0	0	0	0	0	0	22
02:15 AM	0	5	1	0	0	6	0	0	0	0	0	0	7	8	0	0	0	15	1	0	0	0	0	1	22
02:30 AM	0	6	3	0	0	9	0	0	0	0	0	0	7	5	0	0	0	12	2	0	0	0	0	2	23
02:45 AM	0	7	6	0	0	13	0	0	0	0	0	0	3	7	0	0	0	10	0	0	0	0	0	0	23
Total	0	21	12	0	0	33	0	0	0	0	0	0	25	29	0	0	0	54	3	0	0	0	0	3	90
03:00 AM	0	12	3	0	0	15	0	0	0	0	0	0	4	12	0	0	0	16	1	0	1	0	0	2	33
03:15 AM	0	14	8	0	0	22	0	0	0	0	0	0	1	6	0	0	0	7	0	0	1	0	0	1	30
03:30 AM	0	26	4	0	0	30	0	0	0	0	0	0	9	6	0	0	0	15	1	0	0	0	0	1	46
03:45 AM	0	13	8	0	0	21	0	0	0	0	0	0	4	4	0	0	0	8	1	0	1	0	0	2	31
Total	0	65	23	0	0	88	0	0	0	0	0	0	18	28	0	0	0	46	3	0	3	0	0	6	140
04:00 AM	0	40	10	0	0	50	0	0	0	0	0	0	4	4	0	0	0	8	1	0	0	0	0	1	59
04:15 AM	0	55	12	0	0	67	0	0	0	0	0	0	2	9	0	0	0	11	1	0	0	0	0	1	79
04:30 AM	0	44	44	0	0	88	0	0	0	0	0	0	14	15	0	0	0	29	0	0	1	0	0	1	118
04:45 AM	0	66	27	0	0	93	0	0	0	0	0	0	10	18	0	0	0	28	3	0	1	0	0	4	125
Total	0	205	93	0	0	298	0	0	0	0	0	0	30	46	0	0	0	76	5	0	2	0	0	7	381
05:00 AM	0	94	47	0	0	141	0	0	0	0	0	0	14	10	0	0	0	24	2	0	1	0	0	3	168
05:15 AM	0	170	74	0	0	244	0	0	0	0	0	0	21	23	0	0	0	44	1	1	3	0	1	6	294
05:30 AM	0	242	82	0	0	324	0	0	0	0	0	0	32	43	0	0	0	75	4	0	2	0	0	6	405
05:45 AM	0	197	76	0	0	273	0	0	0	0	0	0	23	52	0	0	0	75	3	0	4	0	0	7	355
Total	0	703	279	0	0	982	0	0	0	0	0	0	90	128	0	0	0	218	10	1	10	0	1	22	1222
06:00 AM	0	277	109	0	0	386	0	0	0	0	0	0	33	39	0	0	0	72	2	0	3	0	0	5	463
06:15 AM	0	315	106	0	0	421	0	0	0	0	1	1	46	67	0	0	0	113	5	0	8	0	0	13	548
06:30 AM	0	335	88	0	0	423	0	0	0	0	1	1	39	74	0	0	0	113	11	0	12	0	0	23	560
06:45 AM	0	339	95	0	0	434	0	0	0	0	0	0	75	98	0	0	0	173	10	0	12	0	0	22	629
Total	0	1266	398	0	0	1664	0	0	0	0	2	2	193	278	0	0	0	471	28	0	35	0	0	63	2200
07:00 AM	0	349	96	0	0	445	0	0	0	0	2	2	56	71	0	0	0	127	12	0	15	0	0	27	601



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File Name : 16 - Hwy 169-Ferry St & Hwy 10 South Ramp, 4-24-13, 12am-12am

Site Code : 10513216

Start Date : 4/24/2013

Page No : 2

Groups Printed- Cars + - Trucks

Start Time	169-Ferry St From North						Hwy 10 South Ramp From East						169-Ferry St From South						Hwy 10 South Ramp From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:15 AM	0	327	92	0	0	419	0	0	0	0	0	0	80	82	0	0	0	162	19	0	12	0	0	31	612
07:30 AM	0	340	99	0	0	439	0	0	0	0	0	0	58	100	0	0	0	158	12	0	12	0	0	24	621
07:45 AM	0	294	68	0	0	362	0	0	0	0	0	0	86	136	0	0	0	222	14	1	17	0	0	32	616
Total	0	1310	355	0	0	1665	0	0	0	0	2	2	280	389	0	0	0	669	57	1	56	0	0	114	2450
08:00 AM	0	247	79	0	0	326	0	0	0	0	0	0	73	114	0	0	0	187	9	2	7	0	0	18	531
08:15 AM	0	231	85	0	0	316	0	0	0	0	0	0	84	112	0	0	0	196	11	0	8	0	0	19	531
08:30 AM	0	231	98	0	0	329	0	0	0	0	0	0	55	68	0	0	0	123	8	0	11	0	0	19	471
08:45 AM	0	212	83	0	0	295	0	0	0	0	0	0	70	104	0	0	0	174	7	0	9	0	0	16	485
Total	0	921	345	0	0	1266	0	0	0	0	0	0	282	398	0	0	0	680	35	2	35	0	0	72	2018
09:00 AM	0	188	47	0	0	235	0	0	0	0	0	0	90	113	0	0	1	204	6	1	5	0	0	12	451
09:15 AM	0	202	107	0	0	309	0	0	0	0	2	2	67	82	0	0	0	149	15	0	14	0	0	29	489
09:30 AM	0	164	88	0	0	252	0	0	0	0	0	0	78	89	0	0	0	167	6	0	9	0	0	15	434
09:45 AM	0	166	74	0	0	240	0	0	0	0	0	0	73	89	0	0	0	162	7	0	5	0	0	12	414
Total	0	720	316	0	0	1036	0	0	0	0	2	2	308	373	0	0	1	682	34	1	33	0	0	68	1788
10:00 AM	0	153	56	0	0	209	0	0	0	0	0	0	73	100	0	0	0	173	12	0	9	0	0	21	403
10:15 AM	0	153	56	0	0	209	0	0	0	0	0	0	65	73	0	0	0	138	14	0	5	0	1	20	367
10:30 AM	0	135	58	0	0	193	0	0	0	0	0	0	66	103	0	0	0	169	14	0	7	0	0	21	383
10:45 AM	0	148	43	0	0	191	0	0	0	0	1	1	77	83	0	0	0	160	15	0	15	0	0	30	382
Total	0	589	213	0	0	802	0	0	0	0	1	1	281	359	0	0	0	640	55	0	36	0	1	92	1535
11:00 AM	0	137	66	0	0	203	0	0	0	0	0	0	80	100	0	0	0	180	12	0	10	0	1	23	406
11:15 AM	0	165	50	0	0	215	0	0	0	0	0	0	80	74	0	0	0	154	17	0	9	0	0	26	395
11:30 AM	0	132	57	0	0	189	0	0	0	0	0	0	87	97	0	0	0	184	15	1	7	0	0	23	396
11:45 AM	0	155	75	0	0	230	0	0	0	0	2	2	88	83	0	0	0	171	19	0	11	0	1	31	434
Total	0	589	248	0	0	837	0	0	0	0	2	2	335	354	0	0	0	689	63	1	37	0	2	103	1631
12:00 PM	0	133	58	0	0	191	0	0	0	0	0	0	96	127	0	0	0	223	19	0	14	0	0	33	447
12:15 PM	0	140	64	0	0	204	0	0	0	0	0	0	85	125	0	0	0	210	15	0	8	0	0	23	437
12:30 PM	0	172	59	0	0	231	0	0	0	0	0	0	85	93	0	0	0	178	15	3	16	0	0	34	443
12:45 PM	0	132	64	0	0	196	0	0	0	0	0	0	77	106	0	0	0	183	19	0	11	0	0	30	409
Total	0	577	245	0	0	822	0	0	0	0	0	0	343	451	0	0	0	794	68	3	49	0	0	120	1736
01:00 PM	0	137	58	0	0	195	0	0	0	0	0	0	91	125	0	0	0	216	20	1	9	0	1	31	442
01:15 PM	0	161	58	0	0	219	0	0	0	0	0	0	69	112	0	0	0	181	19	0	4	0	0	23	423
01:30 PM	0	140	64	0	0	204	0	0	0	0	0	0	95	119	0	0	0	214	7	0	7	0	0	14	432
01:45 PM	0	130	48	0	0	178	0	0	0	0	0	0	122	111	0	0	0	233	11	0	13	0	0	24	435
Total	0	568	228	0	0	796	0	0	0	0	0	0	377	467	0	0	0	844	57	1	33	0	1	92	1732
02:00 PM	0	173	66	0	0	239	0	0	0	0	0	0	110	152	0	0	0	262	22	0	12	0	0	34	535
02:15 PM	0	177	72	0	0	249	0	0	0	0	1	1	124	184	0	0	0	308	10	0	8	0	0	18	576
02:30 PM	0	170	70	0	0	240	0	0	0	0	0	0	105	177	0	0	0	282	16	0	11	0	0	27	549



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Start Date : 4/24/2013

Page No : 3

Groups Printed- Cars + - Trucks

Start Time	169-Ferry St From North						Hwy 10 South Ramp From East						169-Ferry St From South						Hwy 10 South Ramp From West						Int. Total	
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total		
02:45 PM	0	175	69	0	0	244	0	0	0	0	0	0	131	191	0	0	0	0	322	12	0	14	0	0	26	592
Total	0	695	277	0	0	972	0	0	0	0	1	1	470	704	0	0	0	0	1174	60	0	45	0	0	105	2252
03:00 PM	0	157	68	0	0	225	0	0	0	0	0	0	115	154	0	0	0	0	269	13	0	10	0	2	25	519
03:15 PM	0	213	70	0	0	283	0	0	0	0	0	0	119	192	0	0	0	0	311	16	0	9	0	1	26	620
03:30 PM	0	180	88	0	0	268	0	0	0	0	0	0	149	215	0	0	0	0	364	16	0	8	0	1	25	657
03:45 PM	0	175	81	0	0	256	0	0	0	0	0	0	163	212	0	0	0	0	375	13	0	3	0	0	16	647
Total	0	725	307	0	0	1032	0	0	0	0	0	0	546	773	0	0	0	0	1319	58	0	30	0	4	92	2443
04:00 PM	0	183	74	0	0	257	0	0	0	0	0	0	174	206	0	0	0	0	380	12	0	13	0	0	25	662
04:15 PM	0	233	92	0	0	325	0	0	0	0	2	2	173	225	0	0	0	0	398	14	1	6	0	0	21	746
04:30 PM	0	258	94	0	0	352	0	0	0	0	0	0	156	248	0	0	0	0	404	24	0	10	0	0	34	790
04:45 PM	0	217	87	0	0	304	0	0	0	0	0	0	166	211	0	0	0	0	377	17	0	10	0	1	28	709
Total	0	891	347	0	0	1238	0	0	0	0	2	2	669	890	0	0	0	0	1559	67	1	39	0	1	108	2907
05:00 PM	0	208	92	0	0	300	0	0	0	0	2	2	159	233	0	0	0	0	392	22	0	14	0	0	36	730
05:15 PM	0	218	98	0	0	316	0	0	0	0	1	1	167	180	0	0	0	0	347	14	0	7	0	0	21	685
05:30 PM	0	193	72	0	0	265	0	0	0	0	0	0	142	215	0	0	0	0	357	10	1	12	0	0	23	645
05:45 PM	0	169	66	0	0	235	0	0	0	0	1	1	171	214	0	0	0	0	385	8	0	11	0	0	19	640
Total	0	788	328	0	0	1116	0	0	0	0	4	4	639	842	0	0	0	0	1481	54	1	44	0	0	99	2700
06:00 PM	0	169	61	0	0	230	0	0	0	0	1	1	164	200	0	0	0	0	364	12	0	10	0	0	22	617
06:15 PM	0	153	75	0	0	228	0	0	0	0	0	0	180	206	0	0	0	0	386	13	0	9	0	0	22	636
06:30 PM	0	149	59	0	0	208	0	0	0	0	0	0	134	198	0	0	0	0	332	6	0	5	0	0	11	551
06:45 PM	0	129	45	0	0	174	0	0	0	0	0	0	107	167	0	0	0	0	274	11	0	7	0	0	18	466
Total	0	600	240	0	0	840	0	0	0	0	1	1	585	771	0	0	0	0	1356	42	0	31	0	0	73	2270
07:00 PM	0	124	53	0	0	177	0	0	0	0	0	0	105	124	0	0	0	0	229	8	0	9	0	0	17	423
07:15 PM	0	119	53	0	0	172	0	0	0	0	0	0	115	116	0	0	0	0	231	11	0	10	0	0	21	424
07:30 PM	0	98	33	0	0	131	0	0	0	0	7	7	85	132	0	0	0	0	217	6	0	12	0	1	19	374
07:45 PM	0	95	46	0	0	141	0	0	0	0	2	2	81	109	0	0	0	0	190	5	0	3	0	0	8	341
Total	0	436	185	0	0	621	0	0	0	0	9	9	386	481	0	0	0	0	867	30	0	34	0	1	65	1562
08:00 PM	0	106	37	0	0	143	0	0	0	0	0	0	96	129	0	0	0	0	225	10	0	6	0	0	16	384
08:15 PM	0	94	43	0	0	137	0	0	0	0	0	0	76	115	0	0	0	0	191	5	0	6	0	2	13	341
08:30 PM	0	114	30	0	0	144	0	0	0	0	1	1	80	122	0	0	0	0	202	8	0	5	0	0	13	360
08:45 PM	0	88	22	0	0	110	0	0	0	0	0	0	81	78	0	0	0	0	159	5	0	5	0	0	10	279
Total	0	402	132	0	0	534	0	0	0	0	1	1	333	444	0	0	0	0	777	28	0	22	0	2	52	1364
09:00 PM	0	90	37	0	0	127	0	0	0	0	1	1	73	110	0	0	1	1	184	6	0	4	0	0	10	322
09:15 PM	0	84	28	0	0	112	0	0	0	0	0	0	67	95	0	0	0	0	162	3	0	3	0	0	6	280
09:30 PM	0	112	19	0	0	131	0	0	0	0	0	0	61	73	0	0	0	0	134	4	0	6	0	0	10	275
09:45 PM	0	45	17	0	0	62	0	0	0	0	0	0	51	72	0	0	0	0	123	1	0	4	0	0	5	190
Total	0	331	101	0	0	432	0	0	0	0	1	1	252	350	0	0	1	1	603	14	0	17	0	0	31	1067



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 16 - Hwy 169-Ferry St & Hwy 10 South Ramp, 4-24-13, 12am-12am

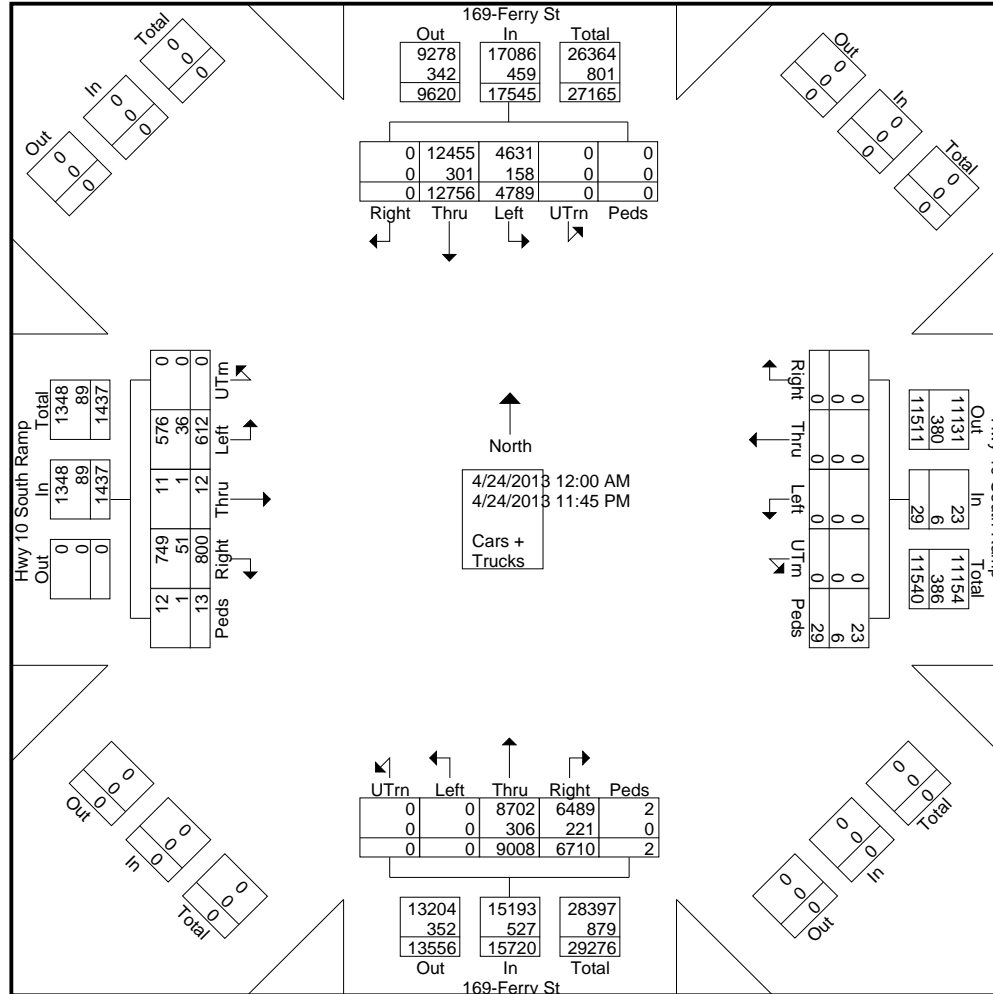
Site Code : 10513216

Start Date : 4/24/2013

Page No : 4

Groups Printed- Cars + - Trucks

Start Time	169-Ferry St From North						Hwy 10 South Ramp From East						169-Ferry St From South						Hwy 10 South Ramp From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
10:00 PM	0	55	17	0	0	72	0	0	0	0	0	0	40	56	0	0	0	96	5	0	3	0	0	8	176
10:15 PM	0	59	15	0	0	74	0	0	0	0	1	1	40	68	0	0	0	108	0	0	5	0	0	5	188
10:30 PM	0	40	29	0	0	69	0	0	0	0	0	0	23	40	0	0	0	63	4	0	4	0	0	8	140
10:45 PM	0	29	5	0	0	34	0	0	0	0	0	0	19	41	0	0	0	60	4	0	1	0	0	5	99
Total	0	183	66	0	0	249	0	0	0	0	1	1	122	205	0	0	0	327	13	0	13	0	0	26	603
11:00 PM	0	29	10	0	0	39	0	0	0	0	0	0	22	32	0	0	0	54	3	0	2	0	0	5	98
11:15 PM	0	30	11	0	0	41	0	0	0	0	0	0	17	38	0	0	0	55	2	0	1	0	0	3	99
11:30 PM	0	27	8	0	0	35	0	0	0	0	0	0	17	28	0	0	0	45	2	0	2	0	0	4	84
11:45 PM	0	13	2	0	0	15	0	0	0	0	0	0	11	31	0	0	0	42	1	0	0	0	0	1	58
Total	0	99	31	0	0	130	0	0	0	0	0	0	67	129	0	0	0	196	8	0	5	0	0	13	339
Grand Total	0	12756	4789	0	0	17545	0	0	0	0	29	29	6710	9008	0	0	2	15720	800	12	612	0	13	1437	34731
Apprch %	0	72.7	27.3	0	0		0	0	0	0	100		42.7	57.3	0	0	0		55.7	0.8	42.6	0	0.9		
Total %	0	36.7	13.8	0	0	50.5	0	0	0	0	0.1	0.1	19.3	25.9	0	0	0	45.3	2.3	0	1.8	0	0	4.1	
Cars +	0	12455	4631	0	0	17086	0	0	0	0	23	23	6489	8702	0	0	2	15193	749	11	576	0	12	1348	33650
% Cars +	0	97.6	96.7	0	0	97.4	0	0	0	0	79.3	79.3	96.7	96.6	0	0	100	96.6	93.6	91.7	94.1	0	92.3	93.8	96.9
Trucks	0	301	158	0	0	459	0	0	0	0	6	6	221	306	0	0	0	527	51	1	36	0	1	89	1081
% Trucks	0	2.4	3.3	0	0	2.6	0	0	0	0	20.7	20.7	3.3	3.4	0	0	0	3.4	6.4	8.3	5.9	0	7.7	6.2	3.1





Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 16 - Hwy 169-Ferry St & Hwy 10 South Ramp, 4-24-13, 12am-12am

Site Code : 10513216

Start Date : 4/24/2013

Page No : 6

Start Time	169-Ferry St From North						Hwy 10 South Ramp From East						169-Ferry St From South						Hwy 10 South Ramp From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
Peak Hour Analysis From 12:00 AM to 11:45 AM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 06:45 AM																									
06:45 AM	0	339	95	0	0	434	0	0	0	0	0	0	75	98	0	0	0	173	10	0	12	0	0	22	629
07:00 AM	0	349	96	0	0	445	0	0	0	0	2	2	56	71	0	0	0	127	12	0	15	0	0	27	601
07:15 AM	0	327	92	0	0	419	0	0	0	0	0	0	80	82	0	0	0	162	19	0	12	0	0	31	612
07:30 AM	0	340	99	0	0	439	0	0	0	0	0	0	58	100	0	0	0	158	12	0	12	0	0	24	621
Total Volume	0	1355	382	0	0	1737	0	0	0	0	2	2	269	351	0	0	0	620	53	0	51	0	0	104	2463
% App. Total	0	78	22	0	0		0	0	0	0	100		43.4	56.6	0	0	0		51	0	49	0	0		
PHF	.000	.971	.965	.000	.000	.976	.000	.000	.000	.000	.250	.250	.841	.878	.000	.000	.000	.896	.697	.000	.850	.000	.000	.839	.979
Peak Hour Analysis From 12:00 PM to 11:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:15 PM																									
04:15 PM	0	233	92	0	0	325	0	0	0	0	2	2	173	225	0	0	0	398	14	1	6	0	0	21	746
04:30 PM	0	258	94	0	0	352	0	0	0	0	0	0	156	248	0	0	0	404	24	0	10	0	0	34	790
04:45 PM	0	217	87	0	0	304	0	0	0	0	0	0	166	211	0	0	0	377	17	0	10	0	1	28	709
05:00 PM	0	208	92	0	0	300	0	0	0	0	2	2	159	233	0	0	0	392	22	0	14	0	0	36	730
Total Volume	0	916	365	0	0	1281	0	0	0	0	4	4	654	917	0	0	0	1571	77	1	40	0	1	119	2975
% App. Total	0	71.5	28.5	0	0		0	0	0	0	100		41.6	58.4	0	0	0		64.7	0.8	33.6	0	0.8		
PHF	.000	.888	.971	.000	.000	.910	.000	.000	.000	.000	.500	.500	.945	.924	.000	.000	.000	.972	.802	.250	.714	.000	.250	.826	.941