



# Traffic Data Inc

PO Box 16296  
St. Louis Park, MN 55416

File Name : 5 - Hwy 10-169 & Ramsey Blvd, 4-24-13, 12am-12am

Site Code : 105132-5

Start Date : 4/24/2013

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TH 10 & Ramsey Blvd  
Ramsey, MN

### Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd From North						Hwy10-169 From East						Ramsey Blvd From South						Hwy10-169 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	1	3	0	0	4	6	22	0	0	0	28	1	0	1	0	0	2	0	13	1	0	0	14	48
12:15 AM	1	0	0	0	0	1	11	39	1	0	0	51	1	0	1	0	0	2	1	17	0	0	0	18	72
12:30 AM	2	0	2	0	0	4	7	22	0	0	0	29	1	0	0	0	0	1	0	7	0	0	0	7	41
12:45 AM	1	0	1	0	0	2	2	12	1	0	0	15	1	0	1	0	0	2	1	11	1	0	0	13	32
Total	4	1	6	0	0	11	26	95	2	0	0	123	4	0	3	0	0	7	2	48	2	0	0	52	193
01:00 AM	0	0	1	0	0	1	12	31	2	0	0	45	1	2	2	0	0	5	0	12	0	0	0	12	63
01:15 AM	0	2	0	0	0	2	2	37	2	0	0	41	1	2	0	0	0	3	1	13	0	0	0	14	60
01:30 AM	1	1	2	0	0	4	4	22	1	0	0	27	2	1	0	0	0	3	2	10	1	0	0	13	47
01:45 AM	0	1	0	0	0	1	1	24	2	0	0	27	1	1	3	0	0	5	1	10	0	0	0	11	44
Total	1	4	3	0	0	8	19	114	7	0	0	140	5	6	5	0	0	16	4	45	1	0	0	50	214
02:00 AM	0	3	1	0	0	4	5	25	0	0	0	30	4	0	2	0	0	6	0	12	0	0	0	12	52
02:15 AM	0	0	2	0	0	2	3	17	0	0	0	20	1	1	0	0	0	2	0	15	0	0	0	15	39
02:30 AM	0	0	1	0	0	1	5	20	0	0	0	25	2	0	1	0	0	3	0	10	0	0	0	10	39
02:45 AM	1	0	1	0	0	2	2	11	0	0	0	13	0	0	1	0	0	1	0	16	0	0	0	16	32
Total	1	3	5	0	0	9	15	73	0	0	0	88	7	1	4	0	0	12	0	53	0	0	0	53	162
03:00 AM	0	1	1	0	0	2	2	18	1	0	0	21	1	0	0	0	0	1	0	24	0	0	0	24	48
03:15 AM	0	1	4	0	0	5	3	18	1	0	0	22	6	1	2	0	0	9	0	21	1	0	0	22	58
03:30 AM	1	0	7	0	0	8	2	13	0	0	0	15	2	0	0	0	0	2	2	31	1	0	0	34	59
03:45 AM	0	0	5	0	0	5	0	11	2	0	0	13	3	1	3	0	0	7	2	31	2	0	0	35	60
Total	1	2	17	0	0	20	7	60	4	0	0	71	12	2	5	0	0	19	4	107	4	0	0	115	225
04:00 AM	1	4	4	0	0	9	4	13	1	0	0	18	2	0	0	0	0	2	6	46	3	0	0	55	84
04:15 AM	4	7	7	0	0	18	2	23	2	0	0	27	7	1	0	0	0	8	6	93	1	0	0	100	153
04:30 AM	0	3	14	0	0	17	3	23	1	0	0	27	7	0	4	0	0	11	5	114	4	0	0	123	178
04:45 AM	1	2	19	0	0	22	5	27	0	0	0	32	5	3	0	0	0	8	6	124	3	0	0	133	195
Total	6	16	44	0	0	66	14	86	4	0	0	104	21	4	4	0	0	29	23	377	11	0	0	411	610
05:00 AM	1	6	16	0	0	23	4	35	1	0	0	40	6	2	1	0	0	9	10	148	5	0	0	163	235
05:15 AM	5	7	25	0	0	37	6	60	0	0	0	66	8	4	1	0	0	13	9	186	7	0	0	202	318
05:30 AM	5	3	36	0	0	44	11	84	5	0	0	100	11	8	1	0	0	20	11	253	22	0	0	286	450
05:45 AM	6	8	44	0	0	58	19	79	4	0	0	102	19	5	0	0	0	24	12	265	27	0	0	304	488
Total	17	24	121	0	0	162	40	258	10	0	0	308	44	19	3	0	0	66	42	852	61	0	0	955	1491
06:00 AM	8	5	57	0	0	70	18	91	1	0	0	110	11	4	6	0	0	21	13	296	7	0	0	316	517
06:15 AM	6	7	59	0	0	72	23	140	2	0	0	165	5	7	3	0	0	15	7	362	12	0	0	381	633
06:30 AM	4	9	69	0	0	82	16	173	3	0	0	192	7	4	14	0	0	25	10	369	27	0	0	406	705
06:45 AM	5	5	63	0	0	73	30	184	0	0	0	214	9	12	6	0	0	27	11	365	27	0	0	403	717
Total	23	26	248	0	0	297	87	588	6	0	0	681	32	27	29	0	0	88	41	1392	73	0	0	1506	2572
07:00 AM	6	6	47	0	0	59	44	161	4	0	0	209	12	6	6	0	0	24	8	358	14	0	0	380	672



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Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd From North						Hwy10-169 From East						Ramsey Blvd From South						Hwy10-169 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	11	6	66	0	0	83	32	193	5	0	0	230	12	13	8	0	0	33	11	338	17	0	0	366	712
07:30 AM	8	5	58	0	0	71	33	189	3	0	0	225	5	10	6	0	0	21	8	386	23	0	0	417	734
07:45 AM	10	15	46	0	0	71	52	235	7	0	0	294	11	13	10	0	0	34	5	351	22	0	0	378	777
Total	35	32	217	0	0	284	161	778	19	0	0	958	40	42	30	0	0	112	32	1433	76	0	0	1541	2895
08:00 AM	5	14	48	0	0	67	33	176	1	0	0	210	3	30	6	0	0	39	8	317	11	0	0	336	652
08:15 AM	5	8	47	0	0	60	36	172	5	0	0	213	7	7	3	0	0	17	11	285	5	0	0	301	591
08:30 AM	10	5	45	0	0	60	33	163	3	0	0	199	6	6	12	0	0	24	2	288	11	0	0	301	584
08:45 AM	14	16	36	0	0	66	43	165	6	0	0	214	4	6	12	0	0	22	1	298	13	0	0	312	614
Total	34	43	176	0	0	253	145	676	15	0	0	836	20	49	33	0	0	102	22	1188	40	0	0	1250	2441
09:00 AM	15	7	62	0	0	84	24	187	5	0	0	216	16	6	6	0	0	28	14	267	8	0	0	289	617
09:15 AM	15	2	67	0	0	84	39	170	9	0	0	218	15	2	6	0	0	23	11	255	12	0	0	278	603
09:30 AM	14	7	51	0	0	72	37	149	6	0	0	192	15	6	7	0	0	28	8	242	8	0	0	258	550
09:45 AM	5	5	52	0	0	62	39	185	4	0	0	228	15	4	6	0	0	25	12	228	13	0	0	253	568
Total	49	21	232	0	0	302	139	691	24	0	0	854	61	18	25	0	0	104	45	992	41	0	0	1078	2338
10:00 AM	9	8	47	0	0	64	33	161	6	0	0	200	11	2	6	0	0	19	6	195	4	0	0	205	488
10:15 AM	7	4	50	0	0	61	44	187	11	0	0	242	9	7	6	0	0	22	8	239	7	0	0	254	579
10:30 AM	13	7	42	0	0	62	37	210	4	0	0	251	4	5	9	0	0	18	9	259	12	0	0	280	611
10:45 AM	6	4	37	0	0	47	41	157	14	0	0	212	6	4	4	0	0	14	7	230	9	0	0	246	519
Total	35	23	176	0	0	234	155	715	35	0	0	905	30	18	25	0	0	73	30	923	32	0	0	985	2197
11:00 AM	13	6	47	0	0	66	30	187	6	0	0	223	7	5	8	0	0	20	4	206	11	0	0	221	530
11:15 AM	10	13	49	0	0	72	43	193	11	0	0	247	11	3	4	0	0	18	8	215	8	0	0	231	568
11:30 AM	13	11	55	0	0	79	50	178	11	0	0	239	6	5	9	0	0	20	7	201	5	0	0	213	551
11:45 AM	8	19	41	0	0	68	41	208	7	1	0	257	10	8	4	0	0	22	4	196	9	0	0	209	556
Total	44	49	192	0	0	285	164	766	35	1	0	966	34	21	25	0	0	80	23	818	33	0	0	874	2205
12:00 PM	22	20	52	0	0	94	43	193	7	0	0	243	10	13	6	0	0	29	11	174	18	0	0	203	569
12:15 PM	14	6	38	0	0	58	51	266	5	0	0	322	5	5	6	0	0	16	8	185	9	0	0	202	598
12:30 PM	16	7	47	0	0	70	62	213	9	0	0	284	11	8	3	0	0	22	12	210	11	0	0	233	609
12:45 PM	5	9	56	0	0	70	59	187	11	0	0	257	4	9	9	0	0	22	7	203	12	0	0	222	571
Total	57	42	193	0	0	292	215	859	32	0	0	1106	30	35	24	0	0	89	38	772	50	0	0	860	2347
01:00 PM	12	6	44	0	0	62	47	243	12	0	0	302	5	3	5	0	0	13	9	197	9	0	0	215	592
01:15 PM	18	6	41	0	0	65	53	249	13	0	0	315	5	9	12	0	0	26	14	171	15	0	0	200	606
01:30 PM	15	9	30	0	0	54	51	216	11	0	0	278	8	10	12	0	0	30	6	198	13	0	0	217	579
01:45 PM	10	8	43	0	0	61	50	255	13	0	0	318	6	5	8	0	0	19	7	186	9	0	0	202	600
Total	55	29	158	0	0	242	201	963	49	0	0	1213	24	27	37	0	0	88	36	752	46	0	0	834	2377
02:00 PM	16	4	49	0	0	69	44	287	2	0	0	333	3	2	7	0	0	12	12	197	12	0	0	221	635
02:15 PM	17	10	34	0	0	61	40	288	10	0	0	338	6	6	8	0	0	20	8	182	11	0	0	201	620
02:30 PM	15	6	43	0	0	64	44	325	18	0	0	387	17	15	6	0	0	38	7	202	11	0	0	220	709



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Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd From North						Hwy10-169 From East						Ramsey Blvd From South						Hwy10-169 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	12	7	40	0	0	59	55	339	8	0	0	402	5	8	7	0	0	20	8	209	12	0	0	229	710
Total	60	27	166	0	0	253	183	1239	38	0	0	1460	31	31	28	0	0	90	35	790	46	0	0	871	2674
03:00 PM	27	11	52	0	3	93	32	357	10	0	0	399	4	5	9	0	0	18	9	184	16	1	0	210	720
03:15 PM	18	3	51	0	0	72	47	369	12	0	0	428	5	7	10	0	0	22	6	193	27	0	0	226	748
03:30 PM	26	4	51	0	0	81	41	382	16	0	0	439	5	2	14	0	0	21	7	198	6	0	0	211	752
03:45 PM	8	3	50	0	0	61	46	420	7	0	0	473	6	3	9	0	0	18	3	205	15	0	0	223	775
Total	79	21	204	0	3	307	166	1528	45	0	0	1739	20	17	42	0	0	79	25	780	64	1	0	870	2995
04:00 PM	23	4	34	0	0	61	40	429	6	0	0	475	3	8	19	0	0	30	8	189	8	0	0	205	771
04:15 PM	20	3	38	0	0	61	39	414	11	0	0	464	6	5	5	0	0	16	7	200	13	0	0	220	761
04:30 PM	31	1	48	0	0	80	51	426	3	0	0	480	0	9	9	0	0	18	7	201	12	0	0	220	798
04:45 PM	20	5	43	0	0	68	56	455	7	0	0	518	3	4	7	0	0	14	7	196	11	0	0	214	814
Total	94	13	163	0	0	270	186	1724	27	0	0	1937	12	26	40	0	0	78	29	786	44	0	0	859	3144
05:00 PM	29	6	36	0	1	72	54	447	8	0	0	509	5	6	8	0	0	19	9	186	15	0	0	210	810
05:15 PM	26	7	32	0	0	65	73	427	8	0	0	508	2	4	10	0	0	16	7	191	11	0	0	209	798
05:30 PM	20	8	31	0	0	59	60	405	5	0	1	471	2	9	8	0	0	19	3	208	10	0	0	221	770
05:45 PM	12	11	37	0	0	60	101	376	10	4	0	491	4	8	3	0	0	15	7	208	10	1	0	226	792
Total	87	32	136	0	1	256	288	1655	31	4	1	1979	13	27	29	0	0	69	26	793	46	1	0	866	3170
06:00 PM	15	11	48	0	0	74	75	345	14	7	0	441	9	11	7	0	0	27	14	199	5	0	0	218	760
06:15 PM	11	12	49	1	0	73	72	363	6	6	0	447	10	10	6	0	0	26	9	233	6	1	0	249	795
06:30 PM	3	1	26	1	0	31	54	330	5	6	0	395	9	2	9	0	0	20	9	201	14	3	0	227	673
06:45 PM	10	4	33	1	0	48	72	286	3	5	0	366	1	4	3	0	0	8	1	162	2	0	0	165	587
Total	39	28	156	3	0	226	273	1324	28	24	0	1649	29	27	25	0	0	81	33	795	27	4	0	859	2815
07:00 PM	13	4	31	2	0	50	39	284	6	3	0	332	6	6	5	0	0	17	2	128	5	0	0	135	534
07:15 PM	7	14	35	0	0	56	55	263	6	6	0	330	3	5	6	0	0	14	6	144	6	0	0	156	556
07:30 PM	8	2	20	0	0	30	44	224	2	2	0	272	7	4	7	0	0	18	3	118	1	0	0	122	442
07:45 PM	8	7	32	1	0	48	46	189	5	0	0	240	7	6	4	0	0	17	8	99	2	0	0	109	414
Total	36	27	118	3	0	184	184	960	19	11	0	1174	23	21	22	0	0	66	19	489	14	0	0	522	1946
08:00 PM	3	6	29	1	0	39	48	190	6	2	0	246	6	2	6	1	0	15	7	123	5	1	0	136	436
08:15 PM	3	2	25	1	0	31	52	204	3	0	0	259	3	3	7	0	0	13	5	106	3	0	0	114	417
08:30 PM	5	2	22	1	0	30	28	216	2	0	0	246	3	2	4	0	0	9	3	115	1	0	0	119	404
08:45 PM	0	6	12	2	0	20	50	175	2	2	0	229	5	3	1	0	0	9	4	70	2	1	0	77	335
Total	11	16	88	5	0	120	178	785	13	4	0	980	17	10	18	1	0	46	19	414	11	2	0	446	1592
09:00 PM	1	4	16	0	0	21	31	165	4	2	0	202	8	5	4	0	0	17	6	81	1	0	0	88	328
09:15 PM	0	2	12	0	0	14	27	136	2	0	0	165	8	1	2	0	0	11	6	95	2	0	0	103	293
09:30 PM	1	2	18	1	1	23	39	136	5	5	0	185	8	2	1	0	0	11	9	95	2	1	0	107	326
09:45 PM	1	3	14	0	0	18	27	105	1	1	0	134	7	4	4	0	0	15	10	63	8	0	0	81	248
Total	3	11	60	1	1	76	124	542	12	8	0	686	31	12	11	0	0	54	31	334	13	1	0	379	1195



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Groups Printed- Cars + - Trucks

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10:00 PM	2	9	15	0	0	26	24	97	8	1	0	130	6	4	2	0	0	12	2	67	2	0	0	71	239
10:15 PM	2	2	10	0	0	14	21	104	0	0	0	125	8	4	2	0	0	14	5	71	0	0	0	76	229
10:30 PM	3	5	7	1	0	16	28	82	1	0	0	111	3	2	0	0	0	5	2	59	3	0	0	64	196
10:45 PM	0	1	9	0	0	10	15	52	3	0	0	70	5	2	1	0	0	8	2	39	3	0	0	44	132
Total	7	17	41	1	0	66	88	335	12	1	0	436	22	12	5	0	0	39	11	236	8	0	0	255	796
11:00 PM	0	1	4	0	0	5	11	77	3	0	0	91	3	3	1	0	0	7	2	32	1	0	0	35	138
11:15 PM	0	2	6	0	0	8	15	71	0	0	0	86	5	0	1	0	0	6	4	41	1	0	0	46	146
11:30 PM	1	0	2	0	0	3	6	74	5	0	0	85	0	2	2	0	0	4	0	25	0	0	0	25	117
11:45 PM	1	0	2	0	0	3	14	51	4	0	0	69	1	0	3	0	0	4	1	19	2	0	0	22	98
Total	2	3	14	0	0	19	46	273	12	0	0	331	9	5	7	0	0	21	7	117	4	0	0	128	499
Grand Total	780	510	2934	13	5	4242	3104	17087	479	53	1	20724	571	457	479	1	0	1508	577	15286	747	9	0	16619	43093
Apprch %	18.4	12	69.2	0.3	0.1		15	82.5	2.3	0.3	0		37.9	30.3	31.8	0.1	0		3.5	92	4.5	0.1	0		
Total %	1.8	1.2	6.8	0	0	9.8	7.2	39.7	1.1	0.1	0	48.1	1.3	1.1	1.1	0	0	3.5	1.3	35.5	1.7	0	0	38.6	
Cars +	720	492	2764	13	5	3994	3035	16469	467	53	1	20025	557	439	475	1	0	1472	559	14622	690	8	0	15879	41370
% Cars +	92.3	96.5	94.2	100	100	94.2	97.8	96.4	97.5	100	100	96.6	97.5	96.1	99.2	100	0	97.6	96.9	95.7	92.4	88.9	0	95.5	96
Trucks	60	18	170	0	0	248	69	618	12	0	0	699	14	18	4	0	0	36	18	664	57	1	0	740	1723
% Trucks	7.7	3.5	5.8	0	0	5.8	2.2	3.6	2.5	0	0	3.4	2.5	3.9	0.8	0	0	2.4	3.1	4.3	7.6	11.1	0	4.5	4



# Traffic Data Inc

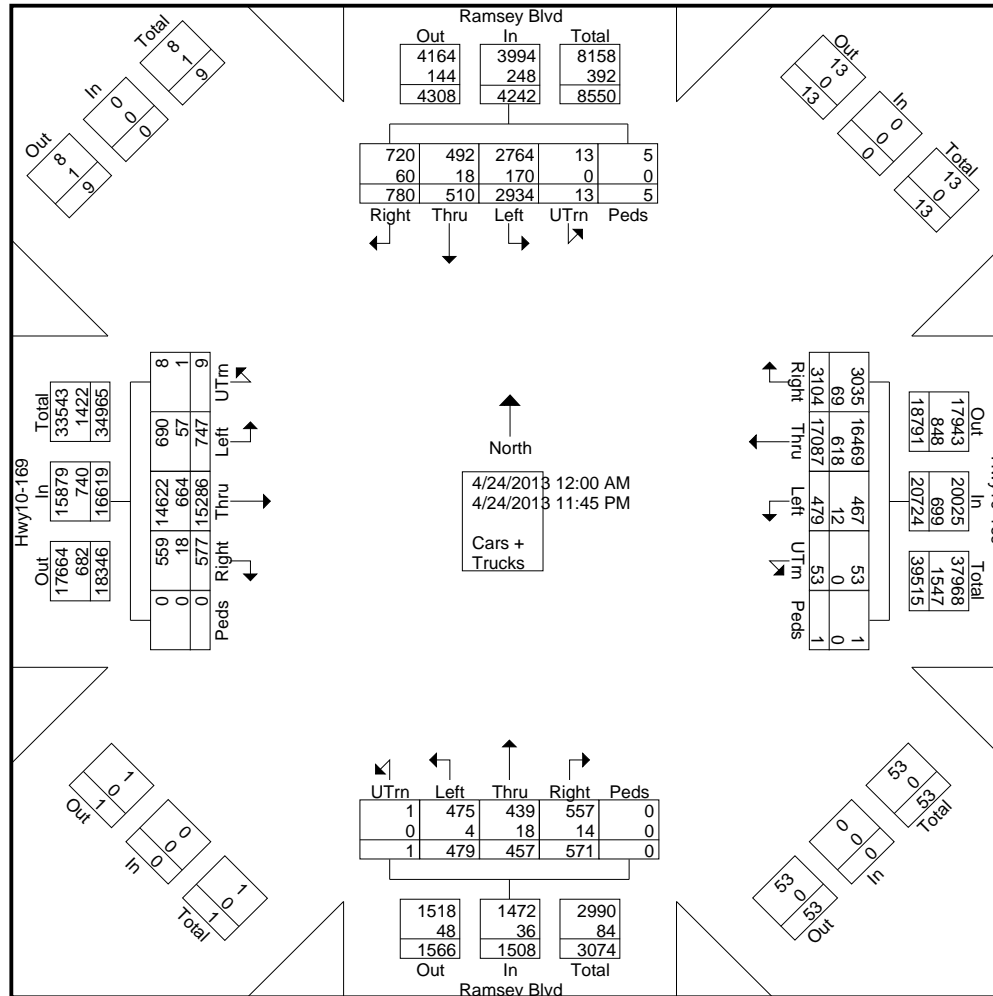
PO Box 16296  
St. Louis Park, MN 55416

File Name : 5 - Hwy 10-169 & Ramsey Blvd, 4-24-13, 12am-12am

Site Code : 105132-5

Start Date : 4/24/2013

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# Traffic Data Inc

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St. Louis Park, MN 55416

File Name : 5 - Hwy 10-169 & Ramsey Blvd, 4-24-13, 12am-12am

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Start Time	Ramsey Blvd From North						Hwy10-169 From East						Ramsey Blvd From South						Hwy10-169 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 07:00 AM																									
07:00 AM	6	6	47	0	0	59	44	161	4	0	0	209	12	6	6	0	0	24	8	358	14	0	0	380	672
07:15 AM	11	6	66	0	0	83	32	193	5	0	0	230	12	13	8	0	0	33	11	338	17	0	0	366	712
07:30 AM	8	5	58	0	0	71	33	189	3	0	0	225	5	10	6	0	0	21	8	386	23	0	0	417	734
07:45 AM	10	15	46	0	0	71	52	235	7	0	0	294	11	13	10	0	0	34	5	351	22	0	0	378	777
Total Volume	35	32	217	0	0	284	161	778	19	0	0	958	40	42	30	0	0	112	32	1433	76	0	0	1541	2895
% App. Total	12.3	11.3	76.4	0	0		16.8	81.2	2	0	0		35.7	37.5	26.8	0	0		2.1	93	4.9	0	0		
PHF	.795	.533	.822	.000	.000	.855	.774	.828	.679	.000	.000	.815	.833	.808	.750	.000	.000	.824	.727	.928	.826	.000	.000	.924	.931
Peak Hour Analysis From 12:00 PM to 11:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:30 PM																									
04:30 PM	31	1	48	0	0	80	51	426	3	0	0	480	0	9	9	0	0	18	7	201	12	0	0	220	798
04:45 PM	20	5	43	0	0	68	56	455	7	0	0	518	3	4	7	0	0	14	7	196	11	0	0	214	814
05:00 PM	29	6	36	0	1	72	54	447	8	0	0	509	5	6	8	0	0	19	9	186	15	0	0	210	810
05:15 PM	26	7	32	0	0	65	73	427	8	0	0	508	2	4	10	0	0	16	7	191	11	0	0	209	798
Total Volume	106	19	159	0	1	285	234	1755	26	0	0	2015	10	23	34	0	0	67	30	774	49	0	0	853	3220
% App. Total	37.2	6.7	55.8	0	0.4		11.6	87.1	1.3	0	0		14.9	34.3	50.7	0	0		3.5	90.7	5.7	0	0		
PHF	.855	.679	.828	.000	.250	.891	.801	.964	.813	.000	.000	.972	.500	.639	.850	.000	.000	.882	.833	.963	.817	.000	.000	.969	.989