



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 4 - Hwy 10-169 & Traprock St, 4-24-13, 6am-7pm

Site Code : 105132-4

Start Date : 4/24/2013

Page No : 1

TH 10 & Traprock
Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	Traprock St From North						Hwy 10 - 169 From East						Traprock St From South						Hwy 10 - 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		
06:00 AM	0	0	0	0	0	0	0	101	0	1	0	102	0	0	0	0	0	0	0	0	398	0	0	0	398	500
06:15 AM	0	0	0	0	0	0	0	157	0	1	0	158	0	0	0	0	0	0	0	0	548	0	0	0	548	706
06:30 AM	0	5	0	0	0	5	0	204	0	3	0	207	0	0	0	0	0	0	0	0	552	0	0	0	552	764
06:45 AM	0	0	0	0	0	0	0	172	0	0	0	172	1	0	0	0	0	0	1	2	521	0	0	0	523	696
Total	0	5	0	0	0	5	0	634	0	5	0	639	1	0	0	0	0	1	2	2019	0	0	0	2021	2666	
07:00 AM	0	0	0	0	0	0	0	179	0	0	0	179	1	0	0	0	0	1	0	467	0	1	0	468	648	
07:15 AM	0	0	0	0	0	0	0	224	0	0	0	224	0	0	0	0	0	0	0	497	1	0	0	498	722	
07:30 AM	0	0	0	0	0	0	0	226	0	0	0	226	0	0	0	0	0	0	0	582	0	0	0	582	808	
07:45 AM	0	0	1	0	0	1	0	233	1	1	0	235	0	0	1	0	0	1	1	455	1	1	0	458	695	
Total	0	0	1	0	0	1	0	862	1	1	0	864	1	0	1	0	0	2	1	2001	2	2	0	2006	2873	
08:00 AM	0	0	0	0	0	0	0	224	0	0	0	224	1	0	0	0	0	1	2	377	0	0	0	379	604	
08:15 AM	0	0	1	0	0	1	0	180	2	1	0	183	2	0	2	0	0	4	0	351	2	1	0	354	542	
08:30 AM	0	0	2	0	0	2	0	192	4	2	0	198	0	0	2	0	0	2	0	369	1	1	0	371	573	
08:45 AM	0	0	0	0	0	0	0	191	0	0	0	191	1	0	2	0	0	3	0	320	2	2	0	324	518	
Total	0	0	3	0	0	3	0	787	6	3	0	796	4	0	6	0	0	10	2	1417	5	4	0	1428	2237	
09:00 AM	0	0	5	0	0	5	0	196	7	5	0	208	0	0	3	0	0	3	0	292	3	3	0	298	514	
09:15 AM	0	0	4	0	0	4	0	197	4	4	0	205	1	0	1	0	0	2	1	307	1	1	0	310	521	
09:30 AM	0	0	1	0	0	1	1	177	2	1	0	181	1	0	0	0	0	1	1	257	0	0	0	258	441	
09:45 AM	0	0	3	0	0	3	0	202	2	3	0	207	3	0	0	0	0	3	0	239	0	0	0	239	452	
Total	0	0	13	0	0	13	1	772	15	13	0	801	5	0	4	0	0	9	2	1095	4	4	0	1105	1928	
10:00 AM	1	0	0	0	0	1	0	184	1	1	0	186	2	0	1	0	0	3	2	215	3	1	0	221	411	
10:15 AM	0	0	0	0	0	0	0	197	1	2	0	200	0	0	0	0	0	0	0	271	0	3	0	274	474	
10:30 AM	2	0	0	0	0	2	0	233	1	3	0	237	0	0	0	0	0	0	2	259	0	2	0	263	502	
10:45 AM	0	0	0	0	0	0	0	171	1	2	0	174	3	0	0	0	0	3	0	256	0	1	0	257	434	
Total	3	0	0	0	0	3	0	785	4	8	0	797	5	0	1	0	0	6	4	1001	3	7	0	1015	1821	
11:00 AM	0	0	0	0	0	0	0	213	1	2	0	216	1	0	0	0	0	1	0	228	0	3	0	231	448	
11:15 AM	0	0	0	0	0	0	0	206	4	3	0	213	2	0	0	0	0	2	0	240	0	0	0	240	455	
11:30 AM	0	0	0	0	0	0	0	197	2	1	0	200	2	0	0	0	0	2	0	212	0	4	0	216	418	
11:45 AM	0	0	0	0	0	0	0	213	1	1	0	215	1	0	1	0	0	2	0	228	0	1	0	229	446	
Total	0	0	0	0	0	0	0	829	8	7	0	844	6	0	1	0	0	7	0	908	0	8	0	916	1767	
12:00 PM	0	0	0	0	0	0	0	217	1	2	0	220	2	0	1	0	0	3	0	222	0	1	0	223	446	
12:15 PM	0	0	0	0	0	0	0	285	0	2	0	287	0	0	0	0	0	0	0	209	0	2	0	211	498	
12:30 PM	0	0	0	0	0	0	0	240	3	3	0	246	0	0	0	0	0	0	0	250	0	0	0	250	496	
12:45 PM	0	0	0	0	0	0	0	202	0	1	0	203	1	0	0	0	0	1	0	220	1	1	0	222	426	
Total	0	0	0	0	0	0	0	944	4	8	0	956	3	0	1	0	0	4	0	901	1	4	0	906	1866	
01:00 PM	0	0	0	0	0	0	0	276	3	0	0	279	2	0	1	0	0	3	1	215	0	3	0	219	501	



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Groups Printed- Cars + - Trucks

Start Time	Traprock St From North						Hwy 10 - 169 From East						Traprock St From South						Hwy 10 - 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	
01:15 PM	0	0	0	0	0	0	0	279	1	4	0	284	2	0	2	0	0	4	0	210	0	3	0	213	501
01:30 PM	0	0	0	0	0	0	0	245	3	0	0	248	1	0	0	0	0	1	0	267	0	2	0	269	518
01:45 PM	0	0	0	0	0	0	0	280	1	1	0	282	2	0	2	0	0	4	0	233	0	1	0	234	520
Total	0	0	0	0	0	0	0	1080	8	5	0	1093	7	0	5	0	0	12	1	925	0	9	0	935	2040
02:00 PM	0	0	1	0	0	1	0	322	1	4	0	327	2	0	0	0	0	2	0	241	0	1	0	242	572
02:15 PM	0	0	0	0	0	0	0	332	3	1	0	336	2	0	0	0	0	2	1	243	0	0	0	244	582
02:30 PM	0	0	0	0	0	0	0	363	3	1	0	367	2	0	0	0	0	2	0	300	0	5	0	305	674
02:45 PM	0	0	1	0	0	1	0	373	3	2	0	378	3	0	0	0	0	3	2	304	1	0	0	307	689
Total	0	0	2	0	0	2	0	1390	10	8	0	1408	9	0	0	0	0	9	3	1088	1	6	0	1098	2517
03:00 PM	0	0	0	0	0	0	0	474	1	1	0	476	2	0	3	0	0	5	3	237	1	2	0	243	724
03:15 PM	0	0	0	0	0	0	0	470	1	5	0	476	5	0	0	0	0	5	0	294	0	2	0	296	777
03:30 PM	0	0	0	0	0	0	0	470	2	1	0	473	2	0	0	0	0	2	0	262	0	1	0	263	738
03:45 PM	0	0	0	0	0	0	0	501	1	2	0	504	1	0	0	0	1	2	0	272	0	1	0	273	779
Total	0	0	0	0	0	0	0	1915	5	9	0	1929	10	0	3	0	1	14	3	1065	1	6	0	1075	3018
04:00 PM	0	0	0	0	0	0	0	558	1	1	0	560	2	0	0	0	0	2	0	295	0	1	0	296	858
04:15 PM	0	0	0	0	0	0	0	519	2	2	0	523	1	0	0	0	0	1	0	311	0	0	0	311	835
04:30 PM	0	0	0	0	0	0	0	559	1	6	0	566	1	0	0	0	0	1	0	332	1	4	0	337	904
04:45 PM	0	0	0	0	0	0	0	524	0	4	0	528	1	0	0	0	0	1	0	289	0	0	0	289	818
Total	0	0	0	0	0	0	0	2160	4	13	0	2177	5	0	0	0	0	5	0	1227	1	5	0	1233	3415
05:00 PM	0	0	0	0	0	0	0	527	2	0	0	529	0	0	0	0	0	0	0	295	0	3	0	298	827
05:15 PM	0	0	0	0	0	0	0	483	0	2	0	485	2	0	0	0	0	2	0	290	0	0	0	290	777
05:30 PM	0	0	0	0	0	0	0	452	1	1	0	454	2	0	0	0	0	2	0	294	0	0	0	294	750
05:45 PM	0	0	0	0	0	0	0	403	0	1	0	404	0	0	0	0	0	0	0	240	0	1	0	241	645
Total	0	0	0	0	0	0	0	1865	3	4	0	1872	4	0	0	0	0	4	0	1119	0	4	0	1123	2999
06:00 PM	0	0	0	0	0	0	2	381	2	2	0	387	0	0	1	0	0	1	0	211	0	1	0	212	600
06:15 PM	0	0	0	0	0	0	0	394	0	1	0	395	1	0	0	0	0	1	0	244	0	1	0	245	641
06:30 PM	0	0	0	0	0	0	0	349	0	1	0	350	0	0	0	0	0	0	0	223	0	2	0	225	575
06:45 PM	0	0	0	0	0	0	0	328	1	1	0	330	0	0	0	0	0	0	0	164	2	3	0	169	499
Total	0	0	0	0	0	0	2	1452	3	5	0	1462	1	0	1	0	0	2	0	842	2	7	0	851	2315
Grand Total	3	5	19	0	0	27	3	15475	71	89	0	15638	61	0	23	0	1	85	18	15608	20	66	0	15712	31462
Apprch %	11.1	18.5	70.4	0	0		0	99	0.5	0.6	0		71.8	0	27.1	0	1.2		0.1	99.3	0.1	0.4	0		
Total %	0	0	0.1	0	0	0.1	0	49.2	0.2	0.3	0	49.7	0.2	0	0.1	0	0	0.3	0.1	49.6	0.1	0.2	0	49.9	
Cars +	2	5	12	0	0	19	3	14755	28	74	0	14860	25	0	20	0	0	45	15	14770	20	66	0	14871	29795
% Cars +	66.7	100	63.2	0	0	70.4	100	95.3	39.4	83.1	0	95	41	0	87	0	0	52.9	83.3	94.6	100	100	0	94.6	94.7
Trucks	1	0	7	0	0	8	0	720	43	15	0	778	36	0	3	0	1	40	3	838	0	0	0	841	1667
% Trucks	33.3	0	36.8	0	0	29.6	0	4.7	60.6	16.9	0	5	59	0	13	0	100	47.1	16.7	5.4	0	0	0	5.4	5.3



Traffic Data Inc

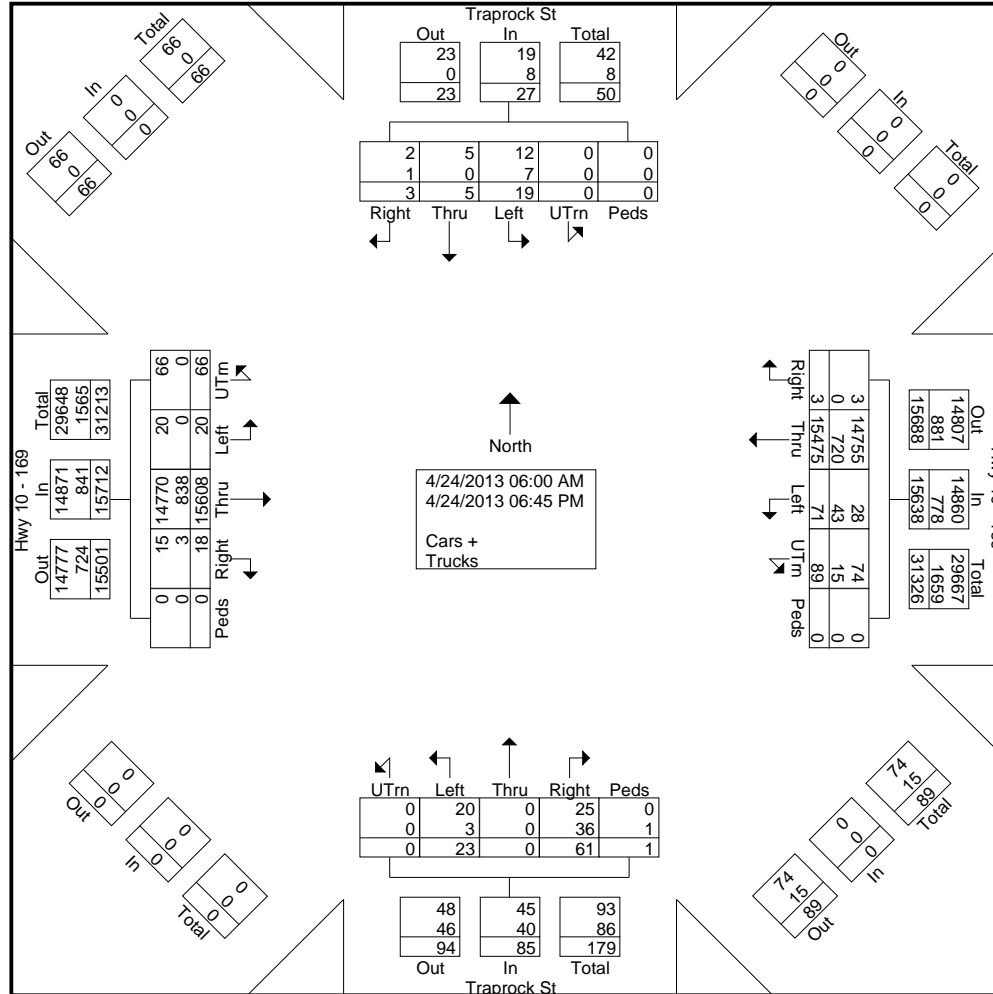
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Start Time	Traprock St From North						Hwy 10 - 169 From East						Traprock St From South						Hwy 10 - 169 From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 06:45 AM																									
06:45 AM	0	0	0	0	0	0	0	172	0	0	0	172	1	0	0	0	0	1	2	521	0	0	0	523	696
07:00 AM	0	0	0	0	0	0	0	179	0	0	0	179	1	0	0	0	0	1	0	467	0	1	0	468	648
07:15 AM	0	0	0	0	0	0	0	224	0	0	0	224	0	0	0	0	0	0	0	497	1	0	0	498	722
07:30 AM	0	0	0	0	0	0	0	226	0	0	0	226	0	0	0	0	0	0	0	582	0	0	0	582	808
Total Volume	0	0	0	0	0	0	0	801	0	0	0	801	2	0	0	0	0	2	2	2067	1	1	0	2071	2874
% App. Total	0	0	0	0	0	0	0	100	0	0	0	100	100	0	0	0	0	0	0.1	99.8	0	0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.886	.000	.000	.000	.886	.500	.000	.000	.000	.000	.500	.250	.888	.250	.250	.000	.890	.889
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:00 PM																									
04:00 PM	0	0	0	0	0	0	0	558	1	1	0	560	2	0	0	0	0	2	0	295	0	1	0	296	858
04:15 PM	0	0	0	0	0	0	0	519	2	2	0	523	1	0	0	0	0	1	0	311	0	0	0	311	835
04:30 PM	0	0	0	0	0	0	0	559	1	6	0	566	1	0	0	0	0	1	0	332	1	4	0	337	904
04:45 PM	0	0	0	0	0	0	0	524	0	4	0	528	1	0	0	0	0	1	0	289	0	0	0	289	818
Total Volume	0	0	0	0	0	0	0	2160	4	13	0	2177	5	0	0	0	0	5	0	1227	1	5	0	1233	3415
% App. Total	0	0	0	0	0	0	0	99.2	0.2	0.6	0	100	100	0	0	0	0	0	0	99.5	0.1	0.4	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.966	.500	.542	.000	.962	.625	.000	.000	.000	.000	.625	.000	.924	.250	.313	.000	.915	.944