



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 8 - Hwy 10-169 & McKinley St, 4-24-13, 6am-7pm

Site Code : 105132-8

Start Date : 4/24/2013

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TH 10 & McKinley St
Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	McKinley St From North						hWY 10-169 From East						McKinley 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	1	0	0	1	0	106	0	0	0	106	0	0	0	0	0	0	0	0	436	0	0	0	436	543
06:15 AM	0	0	2	0	1	3	0	157	0	0	0	157	0	0	0	0	0	0	0	0	558	0	0	0	558	718
06:30 AM	0	0	1	0	0	1	0	203	0	0	0	203	0	0	0	0	0	0	0	0	566	1	0	0	567	771
06:45 AM	2	0	8	0	0	10	1	206	0	0	0	207	0	0	0	0	0	0	0	0	516	4	0	0	520	737
Total	2	0	12	0	1	15	1	672	0	0	0	673	0	0	0	0	0	0	0	0	2076	5	0	0	2081	2769
07:00 AM	2	0	4	0	0	6	0	191	0	0	0	191	0	0	0	0	0	0	0	0	511	0	0	0	511	708
07:15 AM	2	0	1	0	0	3	0	218	0	2	0	220	0	0	0	0	0	0	0	0	529	1	1	0	531	754
07:30 AM	2	0	6	0	0	8	1	221	0	2	0	224	0	0	0	0	0	0	0	0	611	1	1	0	613	845
07:45 AM	0	0	2	0	0	2	1	233	0	1	0	235	0	0	0	0	0	0	0	0	486	2	2	0	490	727
Total	6	0	13	0	0	19	2	863	0	5	0	870	0	0	0	0	0	0	0	0	2137	4	4	0	2145	3034
08:00 AM	0	0	0	0	0	0	0	268	0	1	0	269	0	0	0	0	0	0	0	0	440	2	1	0	443	712
08:15 AM	0	0	1	0	0	1	0	249	0	0	0	249	0	0	0	0	0	0	0	0	405	0	0	0	405	655
08:30 AM	1	0	3	0	0	4	1	234	0	3	0	238	0	0	0	0	0	0	0	0	372	3	0	0	375	617
08:45 AM	2	0	4	0	0	6	0	236	0	1	0	237	0	0	0	0	0	0	0	0	364	1	2	0	367	610
Total	3	0	8	0	0	11	1	987	0	5	0	993	0	0	0	0	0	0	0	0	1581	6	3	0	1590	2594
09:00 AM	0	0	1	0	0	1	0	245	0	1	0	246	0	0	0	0	0	0	0	0	357	1	2	0	360	607
09:15 AM	0	0	2	0	0	2	1	248	0	2	0	251	0	0	0	0	0	0	0	0	375	0	2	0	377	630
09:30 AM	4	0	0	0	0	4	0	217	0	2	0	219	0	0	0	0	0	0	0	0	318	0	0	0	318	541
09:45 AM	0	0	2	0	0	2	0	258	0	2	0	260	0	0	0	0	0	0	0	0	324	1	0	0	325	587
Total	4	0	5	0	0	9	1	968	0	7	0	976	0	0	0	0	0	0	0	0	1374	2	4	0	1380	2365
10:00 AM	0	0	0	0	0	0	0	235	0	2	0	237	0	0	0	0	0	0	0	0	282	1	1	0	284	521
10:15 AM	1	0	0	0	0	1	0	260	0	3	0	263	0	0	0	0	0	0	0	0	315	0	1	0	316	580
10:30 AM	0	0	2	0	0	2	0	267	0	1	0	268	0	0	0	0	0	0	0	0	311	1	1	0	313	583
10:45 AM	0	0	2	0	0	2	1	208	0	2	0	211	0	0	0	0	0	0	0	0	297	1	7	0	305	518
Total	1	0	4	0	0	5	1	970	0	8	0	979	0	0	0	0	0	0	0	0	1205	3	10	0	1218	2202
11:00 AM	0	0	1	0	0	1	0	250	0	1	1	252	0	0	0	0	0	0	0	0	271	0	1	0	272	525
11:15 AM	1	0	2	0	0	3	0	260	0	1	1	262	0	0	0	0	0	0	0	0	291	0	3	0	294	559
11:30 AM	1	0	0	0	0	1	0	249	0	0	0	249	0	0	0	0	0	0	0	0	297	0	0	0	297	547
11:45 AM	1	0	1	0	0	2	0	252	0	1	0	253	0	0	0	0	0	0	0	0	269	1	4	0	274	529
Total	3	0	4	0	0	7	0	1011	0	3	2	1016	0	0	0	0	0	0	0	0	1128	1	8	0	1137	2160
12:00 PM	0	0	0	0	0	0	0	248	0	3	0	251	0	0	0	0	0	0	0	0	282	1	0	0	283	534
12:15 PM	1	0	1	0	0	2	0	307	0	2	0	309	0	0	0	0	0	0	0	0	257	1	0	0	258	569
12:30 PM	0	0	1	0	0	1	1	331	0	1	0	333	0	0	0	0	0	0	0	0	303	0	0	0	303	637
12:45 PM	0	0	1	0	0	1	1	285	0	1	0	287	0	0	0	0	0	0	0	0	304	1	1	0	306	594
Total	1	0	3	0	0	4	2	1171	0	7	0	1180	0	0	0	0	0	0	0	0	1146	3	1	0	1150	2334
01:00 PM	1	0	0	0	0	1	0	315	0	0	0	315	0	0	0	0	0	0	0	0	275	1	2	0	278	594



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Groups Printed- Cars + - Trucks

Start Time	McKinley St From North						hWY 10-169 From East						McKinley 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	2	0	0	2	0	319	0	2	0	321	0	0	0	0	0	0	0	263	0	3	0	266	589
01:30 PM	0	0	1	0	0	1	1	326	0	3	0	330	0	0	0	0	0	0	0	284	0	1	0	285	616
01:45 PM	1	0	4	0	0	5	0	338	0	6	0	344	0	0	0	0	0	0	0	303	1	2	0	306	655
Total	2	0	7	0	0	9	1	1298	0	11	0	1310	0	0	0	0	0	0	0	1125	2	8	0	1135	2454
02:00 PM	0	0	3	0	0	3	0	376	0	0	0	376	0	0	0	0	0	0	0	294	0	3	0	297	676
02:15 PM	0	0	5	0	0	5	0	411	0	2	0	413	0	0	0	0	0	0	0	307	1	0	0	308	726
02:30 PM	0	0	2	0	0	2	0	462	0	2	0	464	0	0	0	0	0	0	0	341	2	1	0	344	810
02:45 PM	0	0	3	0	0	3	0	470	0	6	0	476	0	0	0	0	0	0	0	344	1	3	0	348	827
Total	0	0	13	0	0	13	0	1719	0	10	0	1729	0	0	0	0	0	0	0	1286	4	7	0	1297	3039
03:00 PM	0	0	0	0	1	1	0	560	0	1	0	561	0	0	0	0	0	0	0	338	0	2	0	340	902
03:15 PM	0	0	0	0	0	0	1	541	0	1	0	543	0	0	0	0	0	0	0	360	2	2	0	364	907
03:30 PM	0	0	2	0	0	2	2	582	0	1	0	585	0	0	0	0	1	1	0	347	1	0	0	348	936
03:45 PM	2	0	1	0	0	3	0	578	0	4	0	582	0	0	0	0	0	0	0	342	2	1	0	345	930
Total	2	0	3	0	1	6	3	2261	0	7	0	2271	0	0	0	0	1	1	0	1387	5	5	0	1397	3675
04:00 PM	2	0	1	0	0	3	1	605	0	2	0	608	0	0	0	0	0	0	0	358	1	0	1	360	971
04:15 PM	1	0	1	0	0	2	0	604	0	3	0	607	0	0	0	0	0	0	0	391	1	2	0	394	1003
04:30 PM	0	0	1	0	0	1	0	586	0	2	0	588	0	0	0	0	0	0	0	406	1	1	0	408	997
04:45 PM	0	0	5	0	0	5	0	620	0	2	0	622	0	0	0	0	0	0	0	397	2	1	0	400	1027
Total	3	0	8	0	0	11	1	2415	0	9	0	2425	0	0	0	0	0	0	0	1552	5	4	1	1562	3998
05:00 PM	4	0	2	0	0	6	0	591	0	2	0	593	0	0	0	0	0	0	0	366	1	0	0	367	966
05:15 PM	1	0	4	0	0	5	0	551	0	0	0	551	0	0	0	0	0	0	0	357	2	0	0	359	915
05:30 PM	1	0	1	0	0	2	0	502	0	1	0	503	0	0	0	0	0	0	0	332	0	0	0	332	837
05:45 PM	0	0	2	0	0	2	0	527	0	2	0	529	0	0	0	0	0	0	0	276	4	1	1	282	813
Total	6	0	9	0	0	15	0	2171	0	5	0	2176	0	0	0	0	0	0	0	1331	7	1	1	1340	3531
06:00 PM	1	0	1	0	1	3	0	455	0	2	0	457	0	0	0	0	0	0	0	280	1	1	1	283	743
06:15 PM	1	0	1	0	1	3	0	451	1	2	0	454	0	0	0	0	0	0	0	304	3	2	0	309	766
06:30 PM	0	0	3	1	0	4	1	406	0	1	0	408	0	0	0	0	0	0	0	268	0	0	0	268	680
06:45 PM	1	0	0	0	0	1	1	382	0	1	0	384	0	0	0	0	0	0	0	207	1	1	0	209	594
Total	3	0	5	1	2	11	2	1694	1	6	0	1703	0	0	0	0	0	0	0	1059	5	4	1	1069	2783
Grand Total	36	0	94	1	4	135	15	18200	1	83	2	18301	0	0	0	0	1	1	0	18387	52	59	3	18501	36938
Apprch %	26.7	0	69.6	0.7	3		0.1	99.4	0	0.5	0		0	0	0	0	100		0	99.4	0.3	0.3	0		
Total %	0.1	0	0.3	0	0	0.4	0	49.3	0	0.2	0	49.5	0	0	0	0	0	0	0	49.8	0.1	0.2	0	50.1	
Cars +	34	0	93	1	3	131	15	17333	0	76	1	17425	0	0	0	0	1	1	0	17540	51	56	1	17648	35205
% Cars +	94.4	0	98.9	100	75	97	100	95.2	0	91.6	50	95.2	0	0	0	0	100	100	0	95.4	98.1	94.9	33.3	95.4	95.3
Trucks	2	0	1	0	1	4	0	867	1	7	1	876	0	0	0	0	0	0	0	847	1	3	2	853	1733
% Trucks	5.6	0	1.1	0	25	3	0	4.8	100	8.4	50	4.8	0	0	0	0	0	0	0	4.6	1.9	5.1	66.7	4.6	4.7



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Start Time	McKinley St From North						hWY 10-169 From East						McKinley 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	2	0	8	0	0	10	1	206	0	0	0	207	0	0	0	0	0	0	0	516	4	0	0	520	737
07:00 AM	2	0	4	0	0	6	0	191	0	0	0	191	0	0	0	0	0	0	0	511	0	0	0	511	708
07:15 AM	2	0	1	0	0	3	0	218	0	2	0	220	0	0	0	0	0	0	0	529	1	1	0	531	754
07:30 AM	2	0	6	0	0	8	1	221	0	2	0	224	0	0	0	0	0	0	0	611	1	1	0	613	845
Total Volume	8	0	19	0	0	27	2	836	0	4	0	842	0	0	0	0	0	0	0	2167	6	2	0	2175	3044
% App. Total	29.6	0	70.4	0	0		0.2	99.3	0	0.5	0		0	0	0	0	0	0	0	99.6	0.3	0.1	0		
PHF	1.00	.000	.594	.000	.000	.675	.500	.946	.000	.500	.000	.940	.000	.000	.000	.000	.000	.000	.000	.887	.375	.500	.000	.887	.901
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	2	0	1	0	0	3	1	605	0	2	0	608	0	0	0	0	0	0	0	358	1	0	1	360	971
04:15 PM	1	0	1	0	0	2	0	604	0	3	0	607	0	0	0	0	0	0	0	391	1	2	0	394	1003
04:30 PM	0	0	1	0	0	1	0	586	0	2	0	588	0	0	0	0	0	0	0	406	1	1	0	408	997
04:45 PM	0	0	5	0	0	5	0	620	0	2	0	622	0	0	0	0	0	0	0	397	2	1	0	400	1027
Total Volume	3	0	8	0	0	11	1	2415	0	9	0	2425	0	0	0	0	0	0	0	1552	5	4	1	1562	3998
% App. Total	27.3	0	72.7	0	0		0	99.6	0	0.4	0		0	0	0	0	0	0	0	99.4	0.3	0.3	0.1		
PHF	.375	.000	.400	.000	.000	.550	.250	.974	.000	.750	.000	.975	.000	.000	.000	.000	.000	.000	.000	.956	.625	.500	.250	.957	.973