

# SRF Consulting Group, Inc

## Minneapolis, MN 55447

TH-169 at Marschall Rd S, north ramps  
 Ref.Pt.: 110.732  
 data by SRF  
 TURN MOVEMENT COUNT

File Name : TH-169 at Marschall Rd north ramps 2010  
 Site Code : 00111602  
 Start Date : 11/16/2010  
 Page No : 1

Groups Printed- Unshifted

Start Time	Marschall Rd S / Co.Rd.17 Northbound				Marschall Rd S / Co.Rd.17 Southbound				ramp to WB TH-169 Eastbound				ramp from WB TH-169 Westbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	7	96	0	0	0	124	17	0	0	0	0	0	21	0	26	0	291
06:45	14	107	0	0	0	112	16	0	0	0	0	0	44	0	47	0	340
Total	21	203	0	0	0	236	33	0	0	0	0	0	65	0	73	0	631
07:00	12	103	0	0	0	117	22	0	0	0	0	0	31	0	51	0	336
07:15	16	149	0	0	0	141	20	0	0	0	0	0	52	0	67	0	445
07:30	26	165	0	0	0	163	19	0	0	0	0	0	38	0	57	0	468
07:45	16	173	0	0	0	183	19	0	0	0	0	0	48	0	43	0	482
Total	70	590	0	0	0	604	80	0	0	0	0	0	169	0	218	0	1731
08:00	18	144	0	0	0	141	17	0	0	0	0	0	46	0	26	0	392
08:15	15	131	0	0	0	130	17	0	0	0	0	0	37	0	30	0	360
*** BREAK***																	
Total	33	275	0	0	0	271	34	0	0	0	0	0	83	0	56	0	752
*** BREAK***																	
16:00	42	171	0	2	0	217	32	0	0	0	0	0	138	0	108	0	710
16:15	32	171	0	0	0	204	43	0	0	0	0	0	168	0	167	0	785
16:30	36	181	0	1	0	245	45	0	0	0	0	0	138	0	144	0	790
16:45	38	198	0	0	0	225	52	0	0	0	0	0	151	0	129	0	793
Total	148	721	0	3	0	891	172	0	0	0	0	0	595	0	548	0	3078
17:00	44	184	0	0	0	227	48	0	0	0	0	0	148	0	113	0	764
17:15	34	185	0	0	0	238	50	0	0	0	0	0	145	0	119	0	771
17:30	42	179	0	0	0	195	36	0	0	0	0	0	154	0	125	0	731
17:45	27	178	0	1	0	206	37	0	0	0	0	0	134	0	111	0	694
Total	147	726	0	1	0	866	171	0	0	0	0	0	581	0	468	0	2960
Grand Total	419	2515	0	4	0	2868	490	0	0	0	0	0	1493	0	1363	0	9152
Apprch %	14.3	85.6	0	0.1	0	85.4	14.6	0	0	0	0	0	52.3	0	47.7	0	
Total %	4.6	27.5	0	0	0	31.3	5.4	0	0	0	0	0	16.3	0	14.9	0	

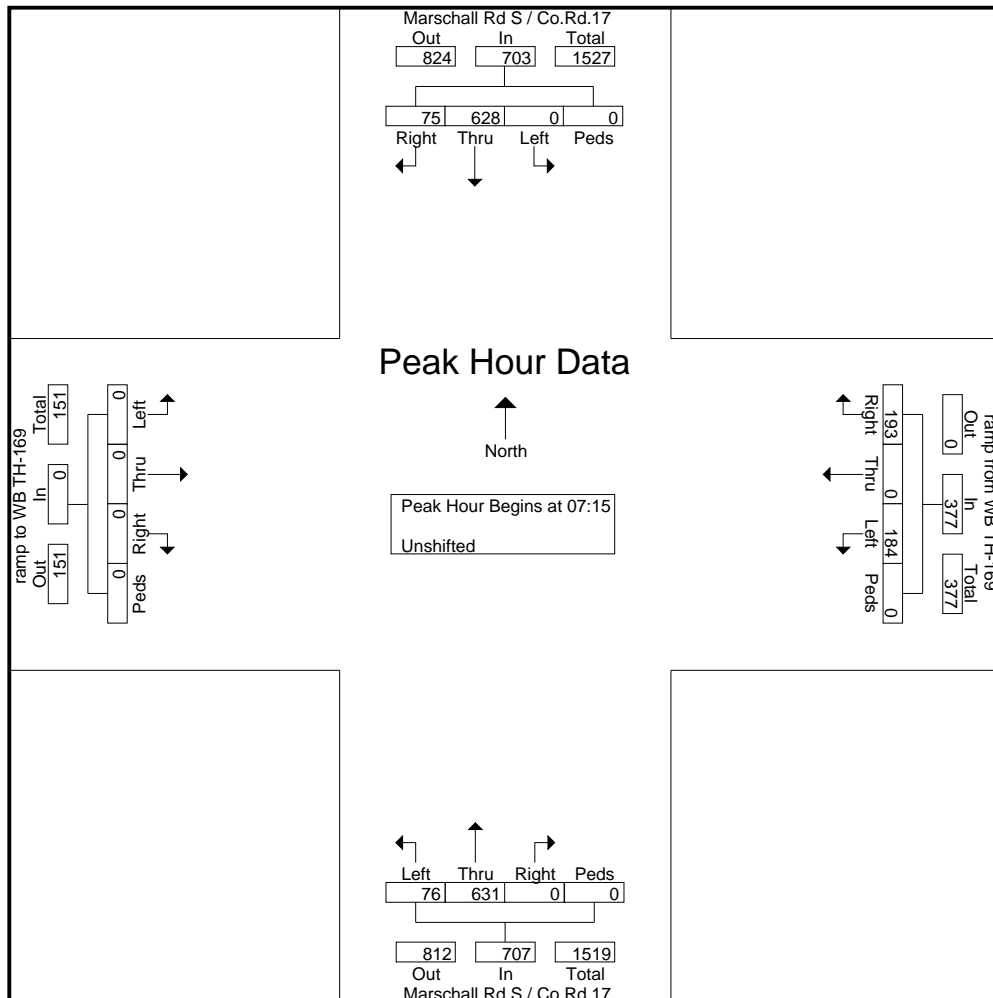
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:30 to 08:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	16	149	0	0	165	0	141	20	0	161	0	0	0	0	0	52	0	67	0	119	445
07:30	26	165	0	0	191	0	163	19	0	182	0	0	0	0	0	38	0	57	0	95	468
07:45	16	173	0	0	189	0	183	19	0	202	0	0	0	0	0	48	0	43	0	91	482
08:00	18	144	0	0	162	0	141	17	0	158	0	0	0	0	0	46	0	26	0	72	392
Total Volume	76	631	0	0	707	0	628	75	0	703	0	0	0	0	0	184	0	193	0	377	1787
% App. Total	10.7	89.3	0	0		0	89.3	10.7	0		0	0	0	0		48.8	0	51.2	0		
PHF	.731	.912	.000	.000	.925	.000	.858	.938	.000	.870	.000	.000	.000	.000	.000	.885	.000	.720	.000	.792	.927



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	

Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 16:15

16:15	32	171	0	0	203	0	204	43	0	247	0	0	0	0	0	<b>168</b>	0	<b>167</b>	0	<b>335</b>	785
16:30	36	181	0	<b>1</b>	218	0	<b>245</b>	45	0	<b>290</b>	0	0	0	0	0	138	0	144	0	282	790
16:45	38	<b>198</b>	0	0	<b>236</b>	0	225	<b>52</b>	0	277	0	0	0	0	0	151	0	129	0	280	<b>793</b>
17:00	<b>44</b>	184	0	0	228	0	227	48	0	275	0	0	0	0	0	148	0	113	0	261	764
Total Volume	150	734	0	1	885	0	901	188	0	1089	0	0	0	0	0	605	0	553	0	1158	3132
% App. Total	16.9	82.9	0	0.1		0	82.7	17.3	0		0	0	0	0		52.2	0	47.8	0		
PHF	.852	.927	.000	.250	.938	.000	.919	.904	.000	.939	.000	.000	.000	.000	.000	.900	.000	.828	.000	.864	.987

