

TRAFFIC DATA INC.

3268 Xenwood Ave S
St Louis Park, MN 55416

TH-169 at CSAH-17 / Marschall Rd, S ramp File Name : 10512023 CR 17 & 169 Southern Ramp (EB 169)
 Ref Pt: 110.732 Site Code : 10512023
 Data by TDI Start Date : 3/13/2012
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Cars - Heavy Vehicles

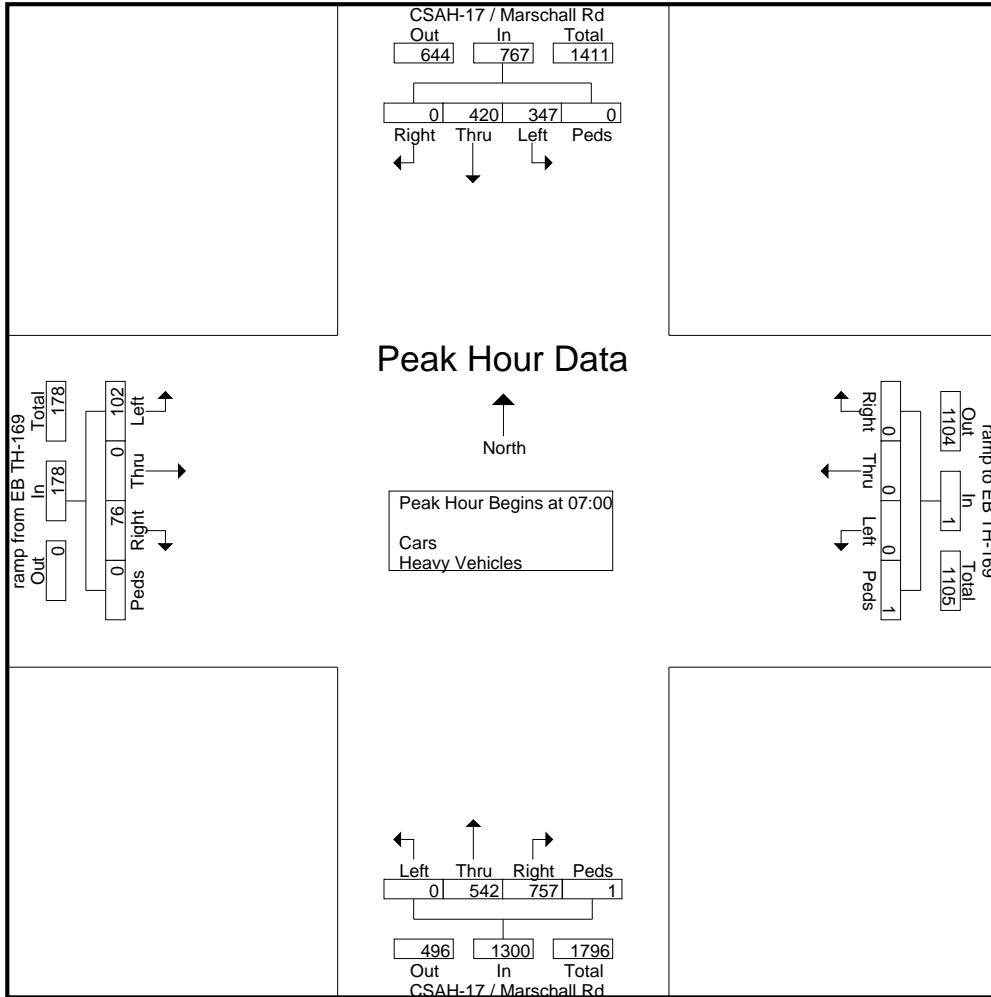
Start Time	CSAH-17 / Marschall Rd Southbound				ramp to EB TH-169 Westbound				CSAH-17 / Marschall Rd Northbound				ramp from EB TH-169 Eastbound				Int. Total
	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	
06:00	70	24	0	0	0	0	0	0	0	39	86	0	6	0	8	0	233
06:15	50	43	0	0	0	0	0	0	0	57	155	0	8	0	11	0	324
06:30	79	68	0	0	0	0	0	0	0	62	213	0	12	1	19	0	454
06:45	67	79	0	0	0	0	0	0	0	86	175	1	22	0	22	0	452
Total	266	214	0	0	0	0	0	0	0	244	629	1	48	1	60	0	1463
07:00	80	62	0	0	0	0	0	1	0	108	213	1	27	0	17	0	509
07:15	103	105	0	0	0	0	0	0	0	139	212	0	21	0	27	0	607
07:30	70	102	0	0	0	0	0	0	0	153	194	0	26	0	12	0	557
07:45	94	151	0	0	0	0	0	0	0	142	138	0	28	0	20	0	573
Total	347	420	0	0	0	0	0	1	0	542	757	1	102	0	76	0	2246
08:00	59	119	0	0	0	0	0	1	0	112	146	0	21	0	28	0	486
08:15	75	104	0	0	0	0	0	0	0	131	142	0	23	2	20	0	497
08:30	51	90	0	0	0	0	0	0	0	109	133	0	20	0	29	0	432
08:45	47	99	0	0	0	0	0	1	0	141	87	0	23	0	23	0	421
Total	232	412	0	0	0	0	0	2	0	493	508	0	87	2	100	0	1836
09:00	60	95	0	0	0	0	0	0	0	83	93	0	18	2	13	0	364
09:15	50	115	0	0	0	0	0	0	0	95	90	0	13	0	15	1	379
09:30	65	101	0	0	0	0	0	0	0	96	82	0	18	0	24	0	386
09:45	52	94	0	0	0	0	0	0	0	118	85	0	15	2	18	0	384
Total	227	405	0	0	0	0	0	0	0	392	350	0	64	4	70	1	1513
10:00	59	108	0	0	0	0	0	1	0	111	78	0	14	0	14	0	385
10:15	46	106	0	0	0	0	0	0	0	65	64	0	21	0	22	0	324
10:30	44	124	0	0	0	0	0	0	0	100	74	0	10	1	16	0	369
10:45	46	121	0	0	0	0	0	0	0	83	57	0	22	0	29	2	360
Total	195	459	0	0	0	0	0	1	0	359	273	0	67	1	81	2	1438
11:00	54	127	0	0	0	0	0	1	0	110	40	0	19	0	24	0	375
11:15	51	112	0	0	0	0	0	0	0	108	43	0	15	0	15	0	344
11:30	43	139	0	0	0	0	0	0	0	102	75	0	17	0	23	0	399
11:45	50	147	0	0	0	0	0	0	0	113	64	0	20	0	19	0	413
Total	198	525	0	0	0	0	0	1	0	433	222	0	71	0	81	0	1531
12:00	57	156	0	0	0	0	0	1	0	140	59	0	22	0	19	0	454
12:15	58	166	0	0	0	0	0	0	0	141	67	0	35	0	24	0	491
12:30	68	165	0	0	0	0	0	2	0	114	71	0	22	0	23	0	465
12:45	65	178	0	0	0	0	0	7	0	112	59	0	29	0	24	0	474
Total	248	665	0	0	0	0	0	10	0	507	256	0	108	0	90	0	1884
13:00	80	163	0	0	0	0	0	0	0	146	72	0	16	1	21	0	499
13:15	43	159	0	0	0	0	0	1	0	110	56	0	18	0	25	0	412
13:30	64	138	0	0	0	0	0	1	0	145	73	0	21	1	31	0	474
13:45	38	142	0	0	0	0	0	5	0	144	52	0	15	0	22	0	418
Total	225	602	0	0	0	0	0	7	0	545	253	0	70	2	99	0	1803
14:00	63	171	0	0	0	0	0	3	0	140	58	0	14	1	16	0	466
14:15	51	179	0	0	0	0	0	1	0	116	74	0	23	0	33	0	477
14:30	72	188	0	0	0	0	0	2	0	125	61	0	13	0	28	0	489
14:45	44	206	0	0	0	0	0	0	0	124	69	0	18	0	41	0	502
Total	230	744	0	0	0	0	0	6	0	505	262	0	68	1	118	0	1934
15:00	70	180	0	0	0	0	0	9	0	160	71	0	23	0	22	0	535
15:15	50	213	0	0	0	0	0	5	0	177	56	0	20	0	20	0	541
15:30	86	257	0	0	0	0	0	4	0	158	71	0	20	1	32	0	629

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 TURN MOVEMENT COUNT Page No : 3

Start Time	CSAH-17 / Marschall Rd Southbound					ramp to EB TH-169 Westbound					CSAH-17 / Marschall Rd Northbound					ramp from EB TH-169 Eastbound					Int. Total
	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 06:00 to 09:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	80	62	0	0	142	0	0	0	1	1	0	108	213	1	322	27	0	17	0	44	509
07:15	103	105	0	0	208	0	0	0	0	0	0	139	212	0	351	21	0	27	0	48	607
07:30	70	102	0	0	172	0	0	0	0	0	0	153	194	0	347	26	0	12	0	38	557
07:45	94	151	0	0	245	0	0	0	0	0	0	142	138	0	280	28	0	20	0	48	573
Total Volume	347	420	0	0	767	0	0	0	1	1	0	542	757	1	1300	102	0	76	0	178	2246
% App. Total	45.2	54.8	0	0		0	0	0	100		0	41.7	58.2	0.1		57.3	0	42.7	0		
PHF	.842	.695	.000	.000	.783	.000	.000	.000	.250	.250	.000	.886	.888	.250	.926	.911	.000	.704	.000	.927	.925

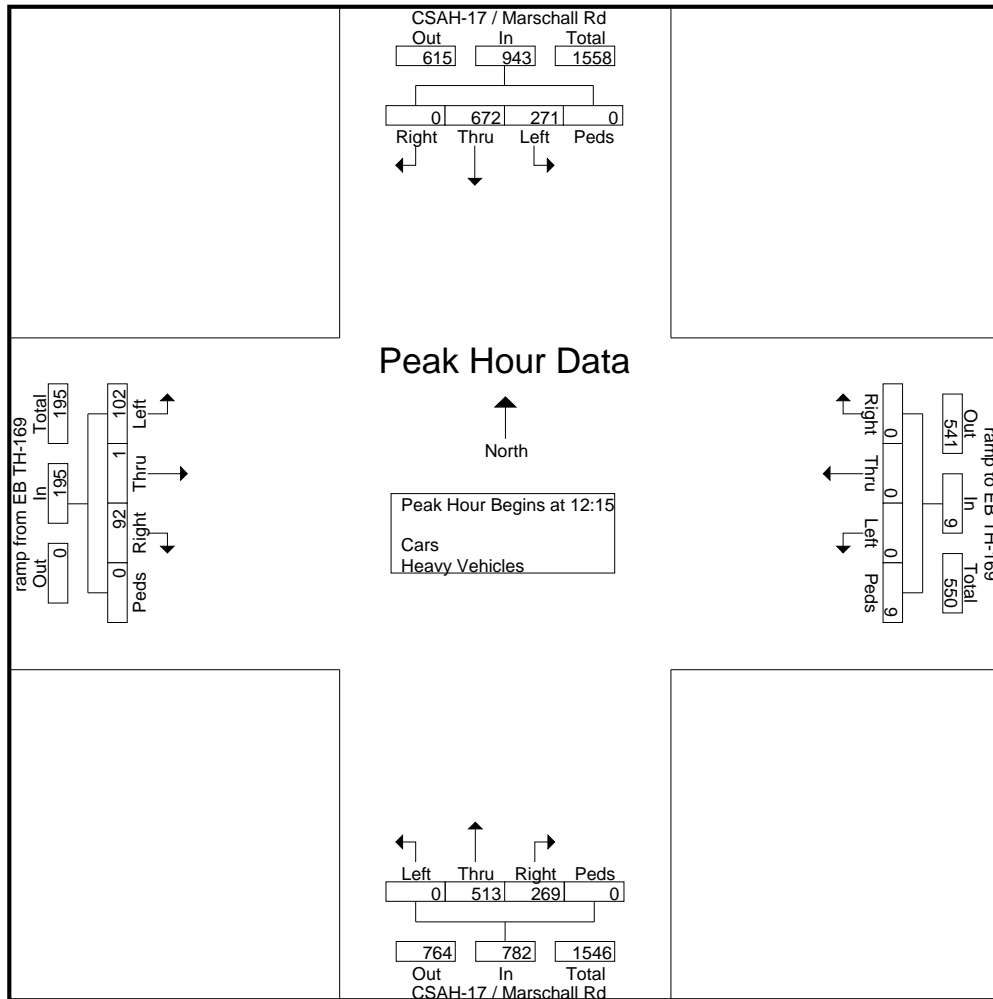


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Start Time	CSAH-17 / Marschall Rd Southbound					ramp to EB TH-169 Westbound					CSAH-17 / Marschall Rd Northbound					ramp from EB TH-169 Eastbound					Int. Total
	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 10:00 to 13:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:15																					
12:15	58	166	0	0	224	0	0	0	0	0	0	141	67	0	208	35	0	24	0	59	491
12:30	68	165	0	0	233	0	0	0	2	2	0	114	71	0	185	22	0	23	0	45	465
12:45	65	178	0	0	243	0	0	0	7	7	0	112	59	0	171	29	0	24	0	53	474
13:00	80	163	0	0	243	0	0	0	0	0	0	146	72	0	218	16	1	21	0	38	499
Total Volume	271	672	0	0	943	0	0	0	9	9	0	513	269	0	782	102	1	92	0	195	1929
% App. Total	28.7	71.3	0	0		0	0	0	100		0	65.6	34.4	0		52.3	0.5	47.2	0		
PHF	.847	.944	.000	.000	.970	.000	.000	.000	.321	.321	.000	.878	.934	.000	.897	.729	.250	.958	.000	.826	.966



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Start Time	CSAH-17 / Marschall Rd Southbound					ramp to EB TH-169 Westbound					CSAH-17 / Marschall Rd Northbound					ramp from EB TH-169 Eastbound					Int. Total
	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 14:00 to 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	71	313	0	0	384	0	0	0	4	4	0	177	77	0	254	26	0	45	0	71	713
17:00	71	316	0	0	387	0	0	0	2	2	0	163	71	0	234	28	0	28	0	56	679
17:15	62	289	0	0	351	0	0	0	4	4	0	192	56	0	248	37	0	24	1	62	665
17:30	67	332	0	0	399	0	0	0	5	5	0	211	67	0	278	27	0	26	0	53	735
Total Volume	271	1250	0	0	1521	0	0	0	15	15	0	743	271	0	1014	118	0	123	1	242	2792
% App. Total	17.8	82.2	0	0		0	0	0	100		0	73.3	26.7	0		48.8	0	50.8	0.4		
PHF	.954	.941	.000	.000	.953	.000	.000	.000	.750	.750	.000	.880	.880	.000	.912	.797	.000	.683	.250	.852	.950

