

TRAFFIC DATA INC.

3268 Xenwood Ave S
St Louis Park, MN 55416

CSAH-17 / Marschall Rd at TH-169, N ramp File Name : 10512022 CR 17 & 169 Northern Ramp (WB 169)
 Ref.Pt.: 110.732 Site Code : 10512022
 Data by TDI Start Date : 3/13/2012
 TURN MOVEMENT COUNT Page No : 2

Groups Printed- Cars - Heavy Vehicles

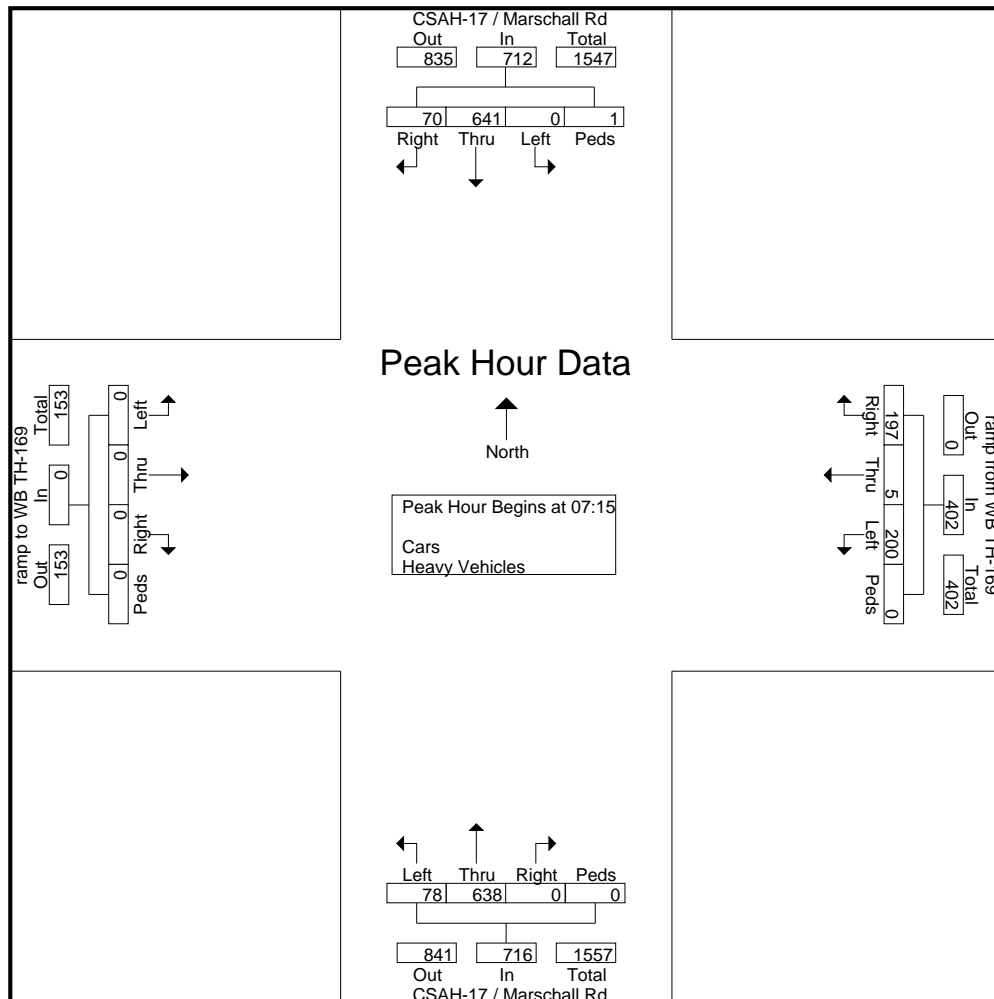
Start Time	CSAH-17 / Marschall Rd Southbound				ramp from WB TH-169 Westbound				CSAH-17 / Marschall Rd Northbound				ramp to WB TH-169 Eastbound				Int. Total	
	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes		
15:45	0	201	16	0	137	0	124	0	30	125	0	0	0	0	0	0	0	633
Total	0	782	75	0	421	1	436	12	101	593	0	0	0	0	0	0	0	2421
16:00	0	232	31	0	151	0	111	0	32	145	0	0	0	0	0	0	0	702
16:15	0	214	37	0	131	0	123	1	25	145	0	0	0	0	0	0	0	676
16:30	0	214	22	0	148	0	105	0	44	181	0	0	0	0	0	0	0	714
16:45	0	261	22	0	127	0	114	0	49	166	0	0	0	0	0	0	0	739
Total	0	921	112	0	557	0	453	1	150	637	0	0	0	0	0	0	0	2831
17:00	0	215	33	0	158	0	137	0	29	138	0	0	0	0	0	0	0	710
17:15	0	255	28	0	137	1	103	0	35	148	0	0	0	0	0	0	0	707
17:30	0	230	23	0	180	0	101	1	35	166	0	0	0	0	0	0	0	736
17:45	0	226	21	0	125	0	130	2	35	172	0	0	0	0	0	0	0	711
Total	0	926	105	0	600	1	471	3	134	624	0	0	0	0	0	0	0	2864
18:00	0	202	40	0	119	0	97	2	26	144	0	0	0	0	0	0	1	631
18:15	0	159	44	0	91	0	110	3	23	153	0	0	0	0	0	0	0	583
18:30	0	205	48	0	88	0	88	3	18	142	0	0	0	0	0	0	0	592
18:45	0	152	25	0	83	0	86	1	15	134	0	0	0	0	0	0	0	496
Total	0	718	157	0	381	0	381	9	82	573	0	0	0	0	0	0	1	2302
Grand Total	0	8356	1037	5	3616	16	3557	45	1045	6486	0	0	0	0	0	0	6	24169
Apprch %	0	88.9	11	0.1	50	0.2	49.2	0.6	13.9	86.1	0	0	0	0	0	0	100	
Total %	0	34.6	4.3	0	15	0.1	14.7	0.2	4.3	26.8	0	0	0	0	0	0	0	
Cars	0	8356	1037	5	3616	16	3557	45	1045	6486	0	0	0	0	0	0	5	24168
% Cars	0	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	83.3	100
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.7	0

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Start Time	CSAH-17 / Marschall Rd Southbound					ramp from WB TH-169 Westbound					CSAH-17 / Marschall Rd Northbound					ramp to WB 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 07:15																					
07:15	0	143	18	0	161	43	2	71	0	116	18	146	0	0	164	0	0	0	0	0	441
07:30	0	139	26	0	165	42	0	46	0	88	29	178	0	0	207	0	0	0	0	0	460
07:45	0	216	12	1	229	69	2	47	0	118	21	179	0	0	200	0	0	0	0	0	547
08:00	0	143	14	0	157	46	1	33	0	80	10	135	0	0	145	0	0	0	0	0	382
Total Volume	0	641	70	1	712	200	5	197	0	402	78	638	0	0	716	0	0	0	0	0	1830
% App. Total	0	90	9.8	0.1		49.8	1.2	49	0		10.9	89.1	0	0		0	0	0	0		
PHF	.000	.742	.673	.250	.777	.725	.625	.694	.000	.852	.672	.891	.000	.000	.865	.000	.000	.000	.000	.000	.836

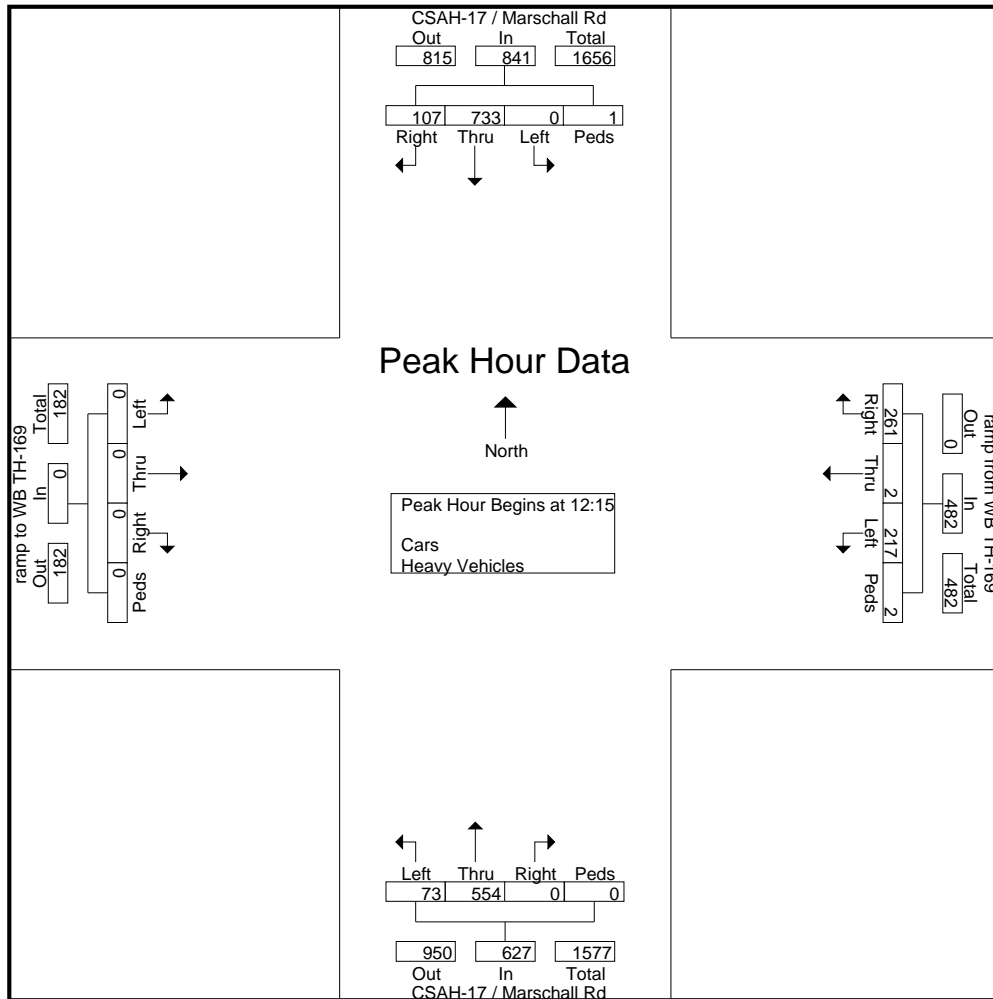


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	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 10:00 to 13:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:15																					
12:15	0	175	27	0	202	53	0	71	0	124	23	157	0	0	180	0	0	0	0	0	506
12:30	0	195	27	0	222	45	0	84	1	130	17	119	0	0	136	0	0	0	0	0	488
12:45	0	183	27	1	211	63	1	53	1	118	14	139	0	0	153	0	0	0	0	0	482
13:00	0	180	26	0	206	56	1	53	0	110	19	139	0	0	158	0	0	0	0	0	474
Total Volume	0	733	107	1	841	217	2	261	2	482	73	554	0	0	627	0	0	0	0	0	1950
% App. Total	0	87.2	12.7	0.1		45	0.4	54.1	0.4		11.6	88.4	0	0		0	0	0	0		
PHF	.000	.940	.991	.250	.947	.861	.500	.777	.500	.927	.793	.882	.000	.000	.871	.000	.000	.000	.000	.000	.963



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	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	0	261	22	0	283	127	0	114	0	241	49	166	0	0	215	0	0	0	0	0	739
17:00	0	215	33	0	248	158	0	137	0	295	29	138	0	0	167	0	0	0	0	0	710
17:15	0	255	28	0	283	137	1	103	0	241	35	148	0	0	183	0	0	0	0	0	707
17:30	0	230	23	0	253	180	0	101	1	282	35	166	0	0	201	0	0	0	0	0	736
Total Volume	0	961	106	0	1067	602	1	455	1	1059	148	618	0	0	766	0	0	0	0	0	2892
% App. Total	0	90.1	9.9	0		56.8	0.1	43	0.1		19.3	80.7	0	0		0	0	0	0		
PHF	.000	.920	.803	.000	.943	.836	.250	.830	.250	.897	.755	.931	.000	.000	.891	.000	.000	.000	.000	.000	.978

