

# Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

TH-52 at Thompson Ave, west ramps  
West/South St Paul, MN  
Ref.Pt.: 127.295  
TURN MOVEMENT COUNT

File Name : TH-52 at Thompson Ave west ramp 2012  
Site Code : 35  
Start Date : 1/13/2012  
Page No : 1

## Groups Printed- Cars - Heavy Vehicles

Start Time	ramp from TH-52 SB Southbound				Thompson Ave / Co.Rd.6 Westbound				Waterloo Ave /west frontage rd Northbound				Thompson Ave / Co.Rd.6 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	2	7	22	0	7	11	0	0	0	0	0	0	0	29	8	0	86
06:15	10	5	24	0	8	23	0	0	0	0	0	0	0	25	4	0	99
06:30	3	14	33	0	20	20	0	0	0	0	0	0	0	33	5	0	128
06:45	1	13	30	0	11	32	0	0	0	0	0	0	0	29	7	0	123
Total	16	39	109	0	46	86	0	0	0	0	0	0	0	116	24	0	436
07:00	8	17	43	0	26	34	0	0	0	0	0	0	0	36	11	0	175
07:15	10	11	47	0	21	51	0	0	0	0	0	0	0	43	11	0	194
07:30	10	7	41	3	15	71	0	0	0	0	0	0	0	47	18	1	213
07:45	13	21	54	1	25	66	0	0	0	0	0	0	0	43	19	0	242
Total	41	56	185	4	87	222	0	0	0	0	0	0	0	169	59	1	824
08:00	13	18	35	2	18	40	0	0	0	0	0	0	0	41	9	0	176
08:15	7	12	38	2	14	52	0	0	0	0	0	0	0	33	13	0	171
08:30	6	14	46	0	14	32	0	0	0	0	0	0	0	35	14	0	161
08:45	7	13	53	1	9	42	0	0	0	0	0	0	0	42	18	0	185
Total	33	57	172	5	55	166	0	0	0	0	0	0	0	151	54	0	693
09:00	8	10	43	0	8	46	0	0	0	0	0	2	1	35	9	0	162
09:15	8	17	30	0	10	46	0	0	0	0	0	0	0	40	12	0	163
09:30	5	9	35	0	11	40	0	0	0	0	0	0	0	50	10	0	160
09:45	8	19	63	0	10	42	0	0	0	0	0	0	0	54	13	0	209
Total	29	55	171	0	39	174	0	0	0	0	0	2	1	179	44	0	694
10:00	6	17	37	0	9	38	0	0	0	0	0	0	0	47	7	0	161
10:15	16	16	50	0	6	39	0	0	0	0	0	0	0	52	12	0	191
10:30	7	18	42	0	15	35	0	0	0	0	0	0	0	38	11	0	166
10:45	10	27	40	1	12	41	0	0	0	0	0	0	0	37	7	0	175
Total	39	78	169	1	42	153	0	0	0	0	0	0	0	174	37	0	693
11:00	4	16	65	0	8	35	0	0	0	0	0	0	0	60	13	0	201
11:15	11	22	57	0	8	57	0	0	0	0	0	0	0	42	23	0	220
11:30	10	24	63	0	7	44	0	0	0	0	0	0	0	53	20	0	221
11:45	15	21	64	0	9	37	0	0	0	0	0	1	0	70	13	0	230
Total	40	83	249	0	32	173	0	0	0	0	0	1	0	225	69	0	872
12:00	6	27	62	1	7	52	0	0	0	0	0	0	0	56	9	0	220
12:15	15	29	67	0	4	45	0	0	0	0	0	1	0	83	22	0	266
12:30	13	28	49	0	16	34	0	0	0	0	0	0	0	66	15	0	221
12:45	16	24	58	0	8	39	0	0	0	0	0	0	0	66	19	0	230
Total	50	108	236	1	35	170	0	0	0	0	0	1	0	271	65	0	937
13:00	13	29	51	0	6	44	0	0	0	0	0	0	0	72	12	0	227
13:15	17	23	60	0	11	38	0	0	0	0	0	0	0	69	22	0	240
13:30	17	19	58	0	9	40	0	0	0	0	0	0	0	77	15	0	235
13:45	17	22	42	0	14	43	0	0	0	0	0	0	0	62	19	0	219
Total	64	93	211	0	40	165	0	0	0	0	0	0	0	280	68	0	921
14:00	12	22	39	0	10	31	0	0	0	0	0	0	0	65	18	0	197
14:15	16	22	57	0	18	33	0	0	0	0	0	0	0	77	14	0	237
14:30	25	21	44	1	9	35	0	0	0	0	0	0	0	74	13	0	222
14:45	19	24	54	1	16	55	0	0	0	0	0	0	0	71	22	0	262
Total	72	89	194	2	53	154	0	0	0	0	0	0	0	287	67	0	918
15:00	16	25	47	2	11	44	0	0	0	0	0	0	0	63	25	0	233
15:15	33	26	75	1	12	35	0	0	0	0	0	0	0	51	20	0	253
15:30	17	49	61	1	14	37	0	0	0	0	0	0	0	80	18	0	277
15:45	21	33	60	1	11	39	0	0	0	0	0	0	0	63	20	0	248
Total	87	133	243	5	48	155	0	0	0	0	0	0	0	257	83	0	1011

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## Groups Printed- Cars - Heavy Vehicles

Start Time	ramp from TH-52 SB Southbound				Thompson Ave / Co.Rd.6 Westbound				Waterloo Ave /west frontage rd Northbound				Thompson Ave / Co.Rd.6 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	37	35	47	1	6	47	0	0	0	0	0	0	0	72	15	2	262
16:15	22	41	48	2	15	49	0	0	0	0	0	0	0	77	19	0	273
16:30	32	46	61	0	13	48	0	0	0	0	0	0	0	96	33	0	329
16:45	38	38	80	1	13	60	0	0	0	0	0	0	0	66	22	0	318
Total	129	160	236	4	47	204	0	0	0	0	0	0	0	311	89	2	1182
17:00	33	52	58	0	12	52	0	0	0	0	0	0	0	83	17	0	307
17:15	31	40	66	4	14	53	0	0	0	0	0	0	0	70	31	2	311
17:30	31	31	48	0	15	45	0	0	0	0	0	0	0	88	24	0	282
17:45	19	33	61	2	18	62	0	0	0	0	0	0	0	79	24	1	299
Total	114	156	233	6	59	212	0	0	0	0	0	0	0	320	96	3	1199
18:00	22	34	61	0	22	45	0	0	0	0	0	0	0	74	23	0	281
18:15	23	20	45	0	10	48	0	0	0	0	0	0	0	62	19	1	228
18:30	25	19	56	0	13	47	0	0	0	0	0	1	0	72	19	0	252
18:45	20	16	46	0	13	52	0	0	0	0	0	0	0	57	11	0	215
Total	90	89	208	0	58	192	0	0	0	0	0	1	0	265	72	1	976
Grand Total	804	1196	2616	28	641	2226	0	0	0	0	0	5	1	3005	827	7	11356
Apprch %	17.3	25.8	56.3	0.6	22.4	77.6	0	0	0	0	0	100	0	78.3	21.5	0.2	
Total %	7.1	10.5	23	0.2	5.6	19.6	0	0	0	0	0	0	0	26.5	7.3	0.1	
Cars	777	1149	2528	28	618	2143	0	0	0	0	0	5	1	2876	802	7	10934
% Cars	96.6	96.1	96.6	100	96.4	96.3	0	0	0	0	0	100	100	95.7	97	100	96.3
Heavy Vehicles	27	47	88	0	23	83	0	0	0	0	0	0	0	129	25	0	422
% Heavy Vehicles	3.4	3.9	3.4	0	3.6	3.7	0	0	0	0	0	0	0	4.3	3	0	3.7

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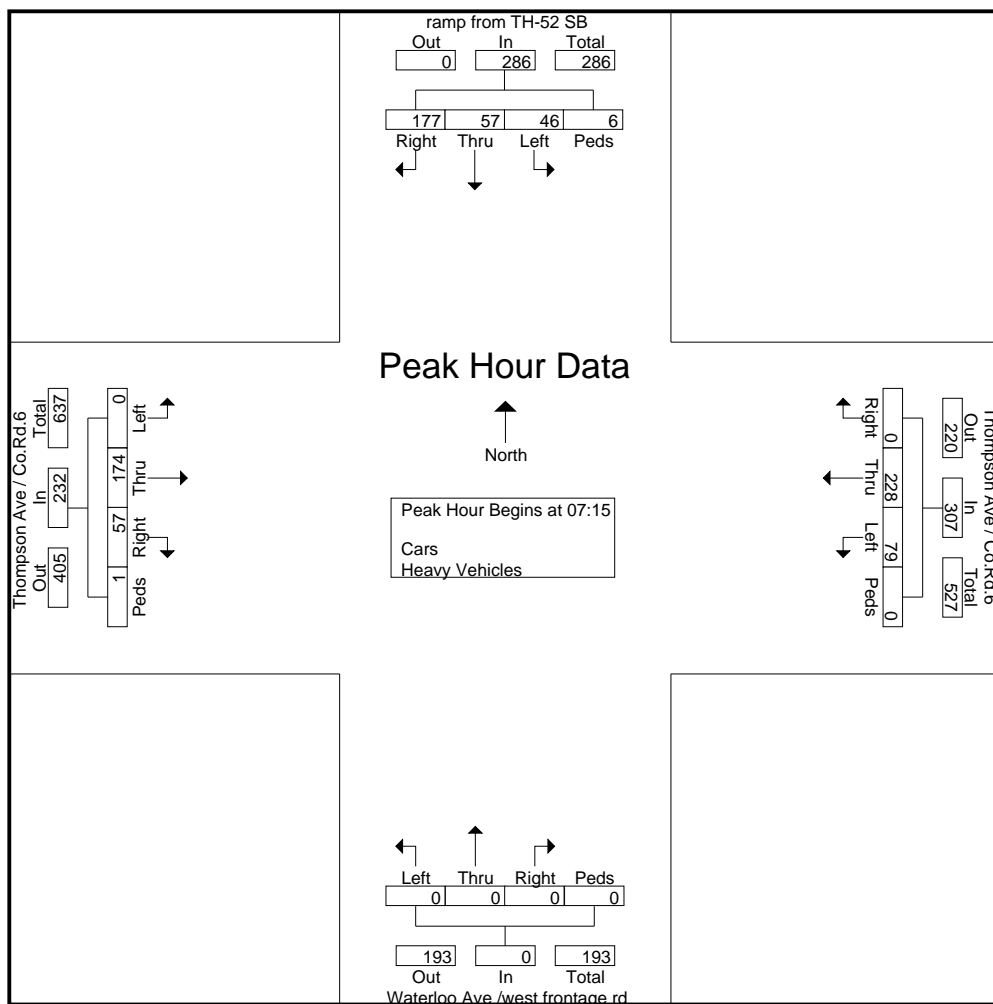
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Start Time	ramp from TH-52 SB Southbound					Thompson Ave / Co.Rd.6 Westbound					Waterloo Ave /west frontage rd Northbound					Thompson Ave / Co.Rd.6 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	10	11	47	0	68	21	51	0	0	72	0	0	0	0	0	0	43	11	0	54	194
07:30	10	7	41	3	61	15	71	0	0	86	0	0	0	0	0	0	47	18	1	66	213
07:45	13	21	54	1	89	25	66	0	0	91	0	0	0	0	0	0	43	19	0	62	242
08:00	13	18	35	2	68	18	40	0	0	58	0	0	0	0	0	0	41	9	0	50	176
Total Volume	46	57	177	6	286	79	228	0	0	307	0	0	0	0	0	0	174	57	1	232	825
% App. Total	16.1	19.9	61.9	2.1		25.7	74.3	0	0		0	0	0	0	0	0	75	24.6	0.4		
PHF	.885	.679	.819	.500	.803	.790	.803	.000	.000	.843	.000	.000	.000	.000	.000	.000	.926	.750	.250	.879	.852



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Start Time	ramp from TH-52 SB Southbound					Thompson Ave / Co.Rd.6 Westbound					Waterloo Ave /west frontage rd Northbound					Thompson Ave / Co.Rd.6 Eastbound					Int. Total
	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 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	32	46	61	0	139	13	48	0	0	61	0	0	0	0	0	0	96	33	0	129	329
16:45	38	38	80	1	157	13	60	0	0	73	0	0	0	0	0	0	66	22	0	88	318
17:00	33	52	58	0	143	12	52	0	0	64	0	0	0	0	0	0	83	17	0	100	307
17:15	31	40	66	4	141	14	53	0	0	67	0	0	0	0	0	0	70	31	2	103	311
Total Volume	134	176	265	5	580	52	213	0	0	265	0	0	0	0	0	0	315	103	2	420	1265
% App. Total	23.1	30.3	45.7	0.9		19.6	80.4	0	0		0	0	0	0	0	0	75	24.5	0.5		
PHF	.882	.846	.828	.313	.924	.929	.888	.000	.000	.908	.000	.000	.000	.000	.000	.000	.820	.780	.250	.814	.961

