

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

TH-61 at Maxwell Ave/Bailey Rd, W ramps

File Name : 24.1 TH 61 West Ramp at Bailey Rd-Maxwell Ave

Newport, MN

Site Code : 24.1

Ref.Pt.: 130.849

Start Date : 1/13/2012

TURN MOVEMENT COUNT

Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	ramp from TH-61/10 NB Southbound				Bailey Rd Westbound				ramp to TH-61/10 NB Northbound		Maxwell Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Thru	Peds	Left	Thru	Right	Peds	
06:00	15	0	12	0	1	95	0	0	0	0	2	4	4	0	133
06:15	14	0	18	0	6	123	0	0	0	0	0	8	3	0	172
06:30	11	0	13	0	11	205	1	0	0	1	4	19	8	0	273
06:45	15	1	9	0	9	168	2	0	0	0	0	16	5	0	225
Total	55	1	52	0	27	591	3	0	0	1	6	47	20	0	803
07:00	8	0	10	0	12	220	2	0	0	0	5	24	6	0	287
07:15	16	0	6	0	12	192	1	0	0	0	1	22	5	0	255
07:30	14	0	10	0	8	224	1	0	0	0	0	20	7	0	284
07:45	15	0	10	0	12	229	1	0	0	0	0	16	4	0	287
Total	53	0	36	0	44	865	5	0	0	0	6	82	22	0	1113
08:00	14	0	5	0	22	174	0	0	0	0	0	18	6	0	239
08:15	7	0	7	0	14	147	1	0	0	0	0	15	5	0	196
08:30	11	1	10	0	10	157	0	0	0	0	0	19	11	0	219
08:45	10	2	8	0	20	105	0	0	0	0	0	19	3	0	167
Total	42	3	30	0	66	583	1	0	0	0	0	71	25	0	821
09:00	10	0	8	0	10	74	2	1	0	0	0	23	7	0	135
09:15	6	0	8	0	5	108	2	0	0	0	0	25	7	0	161
09:30	11	0	7	0	8	87	1	0	0	0	0	18	4	0	136
09:45	6	1	5	0	5	53	3	0	0	0	0	17	5	0	95
Total	33	1	28	0	28	322	8	1	0	0	0	83	23	0	527
10:00	12	1	11	0	5	55	0	0	0	0	1	21	1	0	107
10:15	5	0	3	0	4	74	0	0	0	0	0	23	3	0	112
10:30	11	0	8	0	3	53	0	0	0	0	0	23	6	0	104
10:45	12	0	15	0	4	53	0	0	0	0	0	22	5	0	111
Total	40	1	37	0	16	235	0	0	0	0	1	89	15	0	434
11:00	13	0	11	0	7	56	0	0	0	0	0	20	2	0	109
11:15	8	0	11	0	4	67	0	0	0	0	0	19	3	0	112
11:30	16	0	18	0	4	57	0	0	0	0	0	25	4	0	124
11:45	13	2	8	0	3	50	0	0	0	0	0	28	1	1	106
Total	50	2	48	0	18	230	0	0	0	0	0	92	10	1	451
12:00	14	0	15	0	8	45	0	0	0	0	0	26	5	0	113
12:15	14	1	10	0	7	44	0	0	0	0	0	23	5	0	104
12:30	15	1	11	0	7	58	0	0	0	0	0	23	5	0	120
12:45	12	1	15	0	10	61	0	0	0	0	0	28	2	0	129
Total	55	3	51	0	32	208	0	0	0	0	0	100	17	0	466
13:00	25	0	9	0	9	41	0	0	0	0	0	26	6	0	116
13:15	20	0	15	0	3	62	0	0	0	0	0	26	6	0	132
13:30	30	0	9	0	5	57	0	0	0	0	0	28	6	0	135
13:45	17	1	6	0	7	59	0	0	0	0	0	42	7	0	139
Total	92	1	39	0	24	219	0	0	0	0	0	122	25	0	522
14:00	14	1	11	0	6	55	0	0	0	0	0	21	7	0	115
14:15	24	1	19	0	8	69	0	0	0	0	0	30	2	0	153
14:30	41	0	15	0	5	53	0	0	0	0	0	47	6	0	167
14:45	31	0	16	0	5	61	0	0	0	0	0	48	9	0	170
Total	110	2	61	0	24	238	0	0	0	0	0	146	24	0	605
15:00	38	1	11	0	6	67	0	0	0	0	0	43	9	0	175
15:15	43	0	12	1	8	81	0	0	0	0	0	61	13	0	219
15:30	44	0	14	0	5	56	0	0	0	0	0	64	20	0	203

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Page No : 2

Groups Printed- Cars - Heavy Vehicles

Start Time	ramp from TH-61/10 NB Southbound				Bailey Rd Westbound				ramp to TH-61/10 NB Northbound		Maxwell Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Thru	Peds	Left	Thru	Right	Peds	
15:45	63	0	7	0	13	61	0	0	0	0	0	58	10	0	212
Total	188	1	44	1	32	265	0	0	0	0	0	226	52	0	809
16:00	59	0	14	0	13	105	0	0	0	0	0	37	12	0	240
16:15	64	0	15	0	9	73	0	0	0	0	0	46	7	0	214
16:30	56	1	13	0	8	73	1	0	0	1	0	65	5	0	223
16:45	106	3	10	0	10	41	0	0	8	0	0	43	3	0	224
Total	285	4	52	0	40	292	1	0	8	1	0	191	27	0	901
17:00	83	1	3	1	4	58	0	0	0	0	0	52	4	0	206
17:15	79	1	7	0	9	58	0	0	0	0	0	50	5	0	209
17:30	74	0	11	1	12	80	0	0	0	1	0	45	0	0	224
17:45	72	0	3	0	5	68	0	0	0	0	1	36	3	0	188
Total	308	2	24	2	30	264	0	0	0	1	1	183	12	0	827
18:00	62	0	7	0	6	43	0	0	0	1	0	27	0	0	146
18:15	49	0	4	0	11	51	0	0	0	0	0	16	3	0	134
18:30	37	1	5	0	10	51	0	0	0	0	0	31	5	0	140
18:45	36	1	1	0	5	40	0	0	0	0	0	26	4	0	113
Total	184	2	17	0	32	185	0	0	0	1	0	100	12	0	533
Grand Total	1495	23	519	3	413	4497	18	1	8	4	14	1532	284	1	8812
Apprch %	73.3	1.1	25.4	0.1	8.4	91.2	0.4	0	66.7	33.3	0.8	83.7	15.5	0.1	
Total %	17	0.3	5.9	0	4.7	51	0.2	0	0.1	0	0.2	17.4	3.2	0	
Cars	1466	17	274	3	368	4040	0	1	7	4	7	1131	178	0	7496
% Cars	98.1	73.9	52.8	100	89.1	89.8	0	100	87.5	100	50	73.8	62.7	0	85.1
Heavy Vehicles	29	6	245	0	45	457	18	0	1	0	7	401	106	1	1316
% Heavy Vehicles	1.9	26.1	47.2	0	10.9	10.2	100	0	12.5	0	50	26.2	37.3	100	14.9

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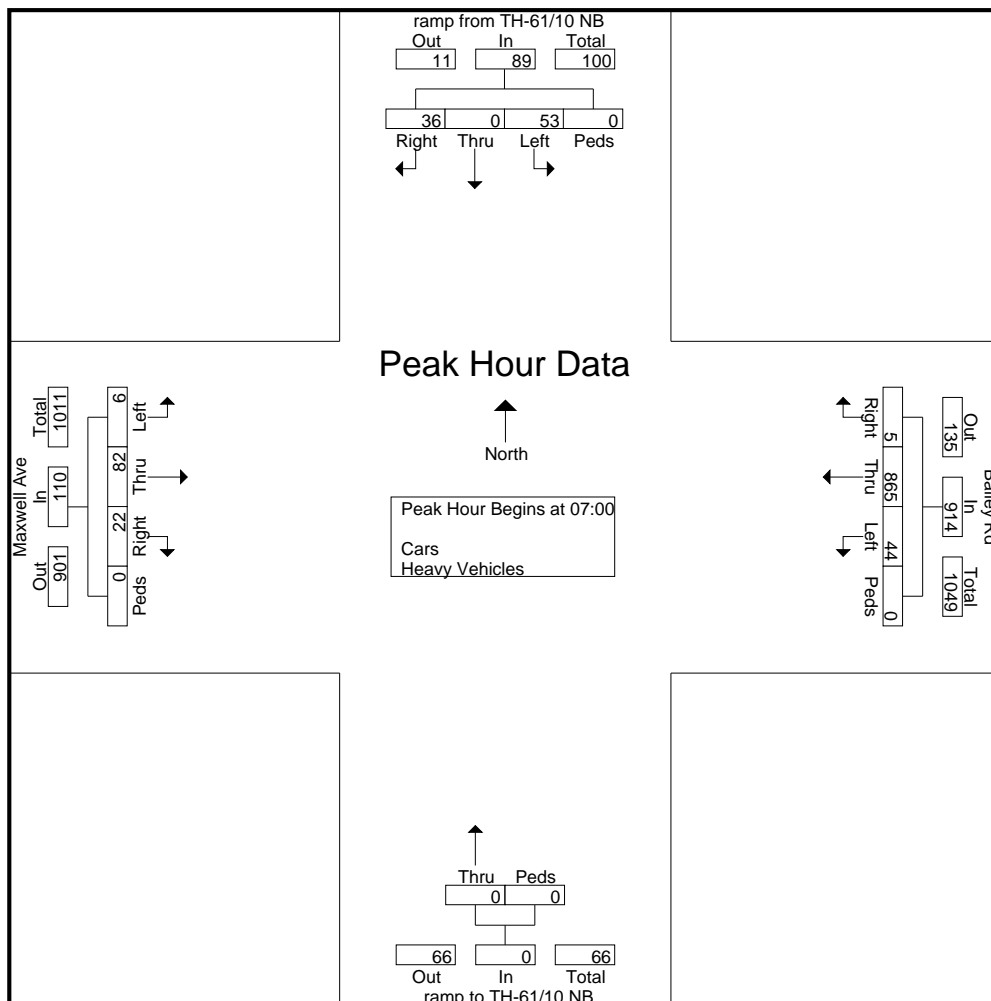
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Start Time	ramp from TH-61/10 NB Southbound					Bailey Rd Westbound					ramp to TH-61/10 NB Northbound			Maxwell Ave Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Thru	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:00 - Peak 1 of 1																			
Peak Hour for Entire Intersection Begins at 07:00																			
07:00	8	0	10	0	18	12	220	2	0	234	0	0	0	5	24	6	0	35	287
07:15	16	0	6	0	22	12	192	1	0	205	0	0	0	1	22	5	0	28	255
07:30	14	0	10	0	24	8	224	1	0	233	0	0	0	0	20	7	0	27	284
07:45	15	0	10	0	25	12	229	1	0	242	0	0	0	0	16	4	0	20	287
Total Volume	53	0	36	0	89	44	865	5	0	914	0	0	0	6	82	22	0	110	1113
% App. Total	59.6	0	40.4	0		4.8	94.6	0.5	0		0	0		5.5	74.5	20	0		
PHF	.828	.000	.900	.000	.890	.917	.944	.625	.000	.944	.000	.000	.000	.300	.854	.786	.000	.786	.970



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Start Time	ramp from TH-61/10 NB Southbound					Bailey Rd Westbound					ramp to TH-61/10 NB Northbound			Maxwell Ave Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Thru	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 16:00																			
16:00	59	0	14	0	73	13	105	0	0	118	0	0	0	0	37	12	0	49	240
16:15	64	0	15	0	79	9	73	0	0	82	0	0	0	0	46	7	0	53	214
16:30	56	1	13	0	70	8	73	1	0	82	0	1	1	0	65	5	0	70	223
16:45	106	3	10	0	119	10	41	0	0	51	8	0	8	0	43	3	0	46	224
Total Volume	285	4	52	0	341	40	292	1	0	333	8	1	9	0	191	27	0	218	901
% App. Total	83.6	1.2	15.2	0		12	87.7	0.3	0		88.9	11.1		0	87.6	12.4	0		
PHF	.672	.333	.867	.000	.716	.769	.695	.250	.000	.706	.250	.250	.281	.000	.735	.563	.000	.779	.939

