

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-101 at Co.Rd/42-River Rd NE WEST RAMP

Ref.Pt.: 044.464

Alliant Eng.

TURN MOVEMENT COUNT

File Name : 121_TH 101 and CR 42 W Ramp

Site Code : 121

Start Date : 2/25/2016

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	TH-101 , West Ramps Southbound				Co.Rd..42 / River Rd NE Westbound				TH-101 , West Ramps Northbound				Co.Rd..42 / River Rd NE Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
06:00	17	7	0	0	1	7	0	0	0	0	0	0	0	28	13	0	73
06:15	35	8	0	0	3	7	0	0	0	0	6	0	0	40	14	0	113
06:30	54	9	1	0	2	11	0	0	0	0	5	0	0	40	24	0	146
06:45	46	13	10	0	7	6	0	0	0	0	3	0	0	54	31	0	170
Total	152	37	11	0	13	31	0	0	0	0	14	0	0	162	82	0	502
07:00	59	29	4	0	4	12	0	0	1	0	3	0	0	51	18	0	181
07:15	62	21	5	0	2	18	0	0	0	0	3	0	0	53	34	0	198
07:30	53	20	3	0	5	21	0	0	0	0	2	0	0	43	36	0	183
07:45	41	25	11	0	3	19	0	0	0	0	1	0	0	45	25	0	170
Total	215	95	23	0	14	70	0	0	1	0	9	0	0	192	113	0	732
08:00	29	11	15	0	1	30	0	0	1	0	1	0	0	26	13	0	127
08:15	19	12	1	0	0	17	0	0	1	0	2	0	0	14	22	0	88
08:30	21	6	4	0	4	10	0	0	0	0	2	0	0	16	16	0	79
08:45	16	8	12	1	7	20	0	0	0	0	1	0	0	20	16	0	101
Total	85	37	32	1	12	77	0	0	2	0	6	0	0	76	67	0	395
09:00	19	8	10	0	2	30	0	0	0	0	1	0	0	39	25	0	134
09:15	16	11	9	0	1	20	0	0	1	0	0	0	0	13	16	0	87
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
*** BREAK ***																	
Total	35	19	19	0	3	50	0	0	1	0	1	0	0	53	41	0	222
*** BREAK ***																	
10:30	7	11	8	0	0	18	0	0	1	0	2	0	0	8	9	0	64
10:45	18	5	5	0	2	19	0	0	1	0	2	0	0	21	6	0	79
Total	25	16	13	0	2	37	0	0	2	0	4	0	0	29	15	0	143
11:00	8	9	5	0	3	28	0	0	1	0	1	0	0	12	11	0	78
11:15	11	9	2	0	5	14	0	0	0	0	0	0	0	9	5	0	55
11:30	10	10	5	0	3	19	0	0	0	0	2	0	0	22	14	0	85
11:45	11	8	9	0	2	23	0	0	1	0	4	0	0	17	9	0	84
Total	40	36	21	0	13	84	0	0	2	0	7	0	0	60	39	0	302
12:00	7	12	9	0	2	25	0	0	0	0	1	0	0	7	12	0	75
12:15	12	5	9	0	2	26	0	0	1	0	1	0	0	20	10	0	86
12:30	7	6	3	0	0	25	0	0	0	0	2	0	0	13	10	0	66
12:45	19	12	6	0	1	19	0	0	0	0	0	0	0	12	17	0	86
Total	45	35	27	0	5	95	0	0	1	0	4	0	0	52	49	0	313
13:00	12	13	5	0	1	20	0	0	0	0	0	0	0	8	11	0	70
13:15	15	16	6	0	4	27	0	0	0	0	3	0	0	14	10	0	95
*** BREAK ***																	
Total	27	29	11	0	5	47	0	0	0	0	3	0	0	22	21	0	165
*** BREAK ***																	
14:30	15	10	3	0	1	67	0	0	3	0	0	0	0	11	9	0	119
14:45	10	16	8	0	4	47	0	0	1	0	3	0	0	9	14	0	112
Total	25	26	11	0	5	114	0	0	4	0	3	0	0	20	23	0	231
15:00	20	18	12	0	2	56	0	0	2	0	3	0	0	17	11	0	141
15:15	14	18	8	1	2	84	0	0	0	0	5	0	0	10	16	0	158
15:30	18	15	18	0	1	78	0	0	1	0	2	0	0	22	8	0	163
15:45	16	17	9	0	2	86	0	0	1	0	3	0	0	34	17	0	185
Total	68	68	47	1	7	304	0	0	4	0	13	0	0	83	52	0	647
16:00	20	13	11	0	1	93	0	0	2	0	3	0	0	24	17	0	184
16:15	16	18	10	0	4	79	0	0	2	0	1	0	0	12	14	0	156

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File Name : 121_TH 101 and CR 42 W Ramp

Site Code : 121

Start Date : 2/25/2016

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Groups Printed- Vehicles - Trucks

Start Time	TH-101 , West Ramps Southbound				Co.Rd..42 / River Rd NE Westbound				TH-101 , West Ramps Northbound				Co.Rd..42 / River Rd NE Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
16:30	11	17	9	0	3	85	0	0	4	0	3	0	0	17	27	0	176
16:45	21	10	12	0	1	107	0	0	2	0	2	0	0	28	11	0	194
Total	68	58	42	0	9	364	0	0	10	0	9	0	0	81	69	0	710
17:00	18	23	13	0	2	88	0	0	0	0	1	0	0	20	12	0	177
17:15	19	38	12	0	5	105	0	0	1	0	0	0	0	17	15	0	212
17:30	29	21	6	0	5	77	0	0	1	0	0	0	0	19	13	0	171
17:45	13	16	13	0	2	82	0	0	0	0	3	0	0	18	13	0	160
Total	79	98	44	0	14	352	0	0	2	0	4	0	0	74	53	0	720
Grand Total	864	554	301	2	102	1625	0	0	29	0	77	0	0	904	624	0	5082
Apprch %	50.2	32.2	17.5	0.1	5.9	94.1	0	0	27.4	0	72.6	0	0	59.2	40.8	0	
Total %	17	10.9	5.9	0	2	32	0	0	0.6	0	1.5	0	0	17.8	12.3	0	
Vehicles	847	524	290	2	94	1591	0	0	29	0	71	0	0	869	599	0	4916
% Vehicles	98	94.6	96.3	100	92.2	97.9	0	0	100	0	92.2	0	0	96.1	96	0	96.7
Trucks	17	30	11	0	8	34	0	0	0	0	6	0	0	35	25	0	166
% Trucks	2	5.4	3.7	0	7.8	2.1	0	0	0	0	7.8	0	0	3.9	4	0	3.3

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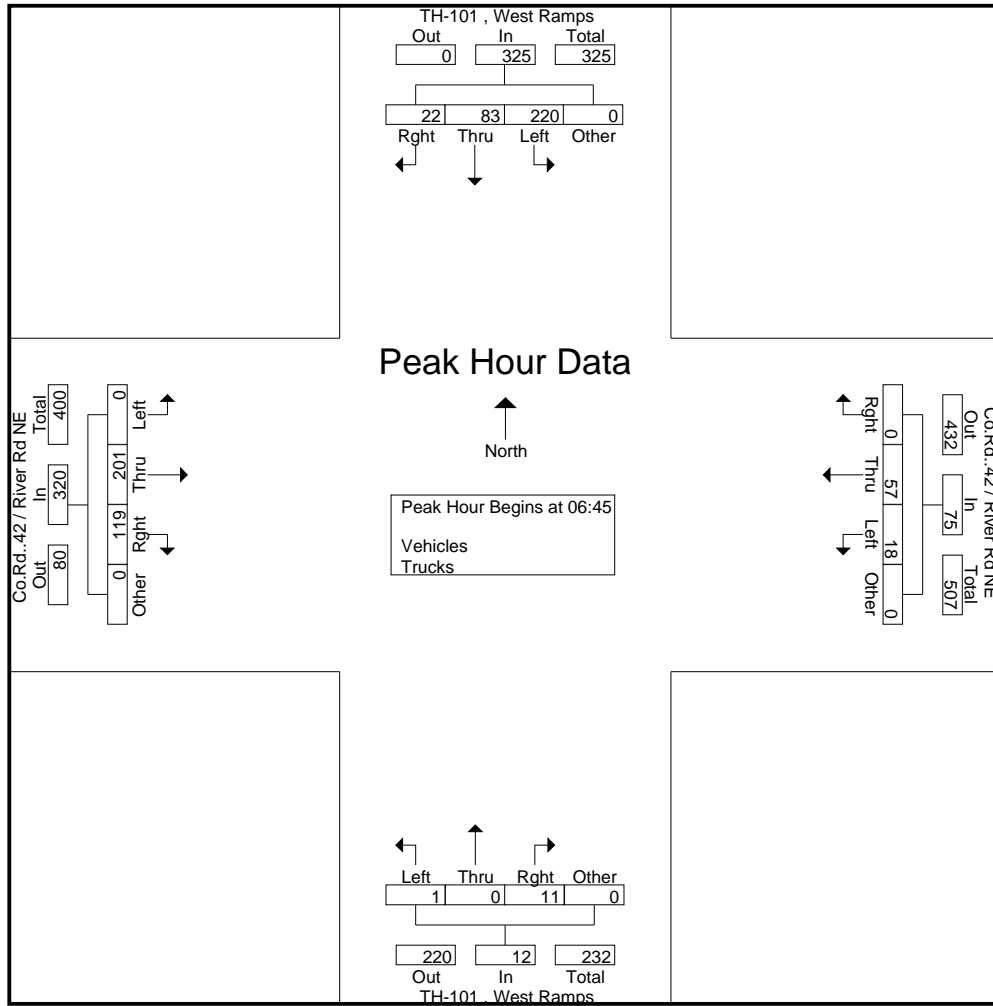
File Name : 121_TH 101 and CR 42 W Ramp

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Start Time	TH-101 , West Ramps Southbound					Co.Rd..42 / River Rd NE Westbound					TH-101 , West Ramps Northbound					Co.Rd..42 / River Rd NE Eastbound					Int. Total
	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45																					
06:45	46	13	10	0	69	7	6	0	0	13	0	0	3	0	3	0	54	31	0	85	170
07:00	59	29	4	0	92	4	12	0	0	16	1	0	3	0	4	0	51	18	0	69	181
07:15	62	21	5	0	88	2	18	0	0	20	0	0	3	0	3	0	53	34	0	87	198
07:30	53	20	3	0	76	5	21	0	0	26	0	0	2	0	2	0	43	36	0	79	183
Total Volume	220	83	22	0	325	18	57	0	0	75	1	0	11	0	12	0	201	119	0	320	732
% App. Total	67.7	25.5	6.8	0		24	76	0	0		8.3	0	91.7	0		0	62.8	37.2	0		
PHF	.887	.716	.550	.000	.883	.643	.679	.000	.000	.721	.250	.000	.917	.000	.750	.000	.931	.826	.000	.920	.924



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	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	11	17	9	0	37	3	85	0	0	88	4	0	3	0	7	0	17	27	0	44	176
16:45	21	10	12	0	43	1	107	0	0	108	2	0	2	0	4	0	28	11	0	39	194
17:00	18	23	13	0	54	2	88	0	0	90	0	0	1	0	1	0	20	12	0	32	177
17:15	19	38	12	0	69	5	105	0	0	110	1	0	0	0	1	0	17	15	0	32	212
Total Volume	69	88	46	0	203	11	385	0	0	396	7	0	6	0	13	0	82	65	0	147	759
% App. Total	34	43.3	22.7	0		2.8	97.2	0	0		53.8	0	46.2	0		0	55.8	44.2	0		
PHF	.821	.579	.885	.000	.736	.550	.900	.000	.000	.900	.438	.000	.500	.000	.464	.000	.732	.602	.000	.835	.895