

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-10 at University Ave, North Ramps

Ref.Pt.: 232.662

Alliant Eng.

TURN MOVEMENT COUNT

File Name : 312_TH 10 & University Ave N Ramp

Site Code : 312

Start Date : 3/1/2016

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	University Ave Southbound				TH-10, North Ramps Westbound				University Ave Northbound				TH-10, North Ramps Eastbound				Int. Total	
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other		
06:00	113	125	0	0	23	0	10	0	0	17	5	0	0	0	0	0	0	293
06:15	160	155	0	0	20	0	7	0	0	42	8	0	0	0	0	0	0	392
06:30	163	226	0	0	18	0	11	0	0	44	3	0	0	0	0	0	0	465
06:45	149	222	0	0	27	0	14	0	0	54	17	0	0	0	0	0	0	483
Total	585	728	0	0	88	0	42	0	0	157	33	0	0	0	0	0	0	1633
07:00	159	236	0	0	23	0	10	0	0	74	16	0	0	0	0	0	0	518
07:15	154	212	1	0	33	0	22	0	0	81	13	0	0	0	0	0	0	516
07:30	157	277	0	0	32	0	13	0	0	54	18	0	0	0	0	0	0	551
07:45	142	206	0	0	48	0	19	0	0	92	7	0	0	0	0	0	0	514
Total	612	931	1	0	136	0	64	0	0	301	54	0	0	0	0	0	0	2099
08:00	111	154	0	0	34	0	14	0	0	76	9	0	0	0	0	0	0	398
08:15	124	181	0	0	17	0	20	0	0	67	9	0	0	0	0	0	0	418
08:30	90	121	0	0	25	0	20	0	0	72	11	0	0	0	0	0	0	339
08:45	75	135	0	0	25	0	20	0	0	73	6	0	0	0	0	0	0	334
Total	400	591	0	0	101	0	74	0	0	288	35	0	0	0	0	0	0	1489
09:00	55	124	0	0	16	0	18	0	0	77	5	0	0	0	0	0	0	295
09:15	55	115	0	0	19	0	19	0	0	87	10	0	0	0	0	0	0	305
*** BREAK ***																		
Total	110	239	0	0	35	0	37	0	0	164	15	0	0	0	0	0	0	600
*** BREAK ***																		
10:30	37	111	0	0	17	0	13	0	0	92	2	0	0	0	0	0	0	272
10:45	48	96	0	0	29	0	12	0	0	96	9	0	0	0	0	0	0	290
Total	85	207	0	0	46	0	25	0	0	188	11	0	0	0	0	0	0	562
11:00	32	81	0	0	25	0	24	0	0	108	2	0	0	0	0	0	0	272
11:15	29	86	0	0	16	0	24	0	0	105	7	0	0	0	0	0	0	267
11:30	35	115	0	0	28	0	19	0	0	90	5	0	0	0	0	0	0	292
11:45	35	120	0	0	24	0	22	0	0	107	5	0	0	0	0	0	0	313
Total	131	402	0	0	93	0	89	0	0	410	19	0	0	0	0	0	0	1144
12:00	30	91	0	0	30	0	18	0	0	118	4	0	0	0	0	0	0	291
12:15	44	97	0	0	19	0	25	0	0	125	4	0	0	0	0	0	0	314
12:30	33	124	0	0	29	0	24	0	0	120	6	0	0	0	0	0	0	336
12:45	35	94	0	0	25	0	18	0	0	124	7	0	0	0	0	0	0	303
Total	142	406	0	0	103	0	85	0	0	487	21	0	0	0	0	0	0	1244
13:00	38	99	0	0	20	0	22	0	0	132	8	0	0	0	0	0	0	319
13:15	44	124	0	0	39	0	33	0	0	123	6	0	0	0	0	0	0	369
*** BREAK ***																		
Total	82	223	0	0	59	0	55	0	0	255	14	0	0	0	0	0	0	688
*** BREAK ***																		
14:30	67	118	0	0	18	0	19	0	0	209	4	0	0	0	0	0	0	435
14:45	37	105	0	0	18	0	56	0	0	210	13	0	0	0	0	0	0	439
Total	104	223	0	0	36	0	75	0	0	419	17	0	0	0	0	0	0	874
15:00	44	105	0	0	31	0	54	0	0	182	5	0	0	0	0	0	0	421
15:15	35	88	0	0	32	0	55	0	0	213	9	0	0	0	0	0	0	432
15:30	53	101	0	0	34	0	62	0	0	183	6	0	0	0	0	0	0	439
15:45	47	118	1	0	37	0	75	0	0	361	10	0	0	0	0	0	0	649
Total	179	412	1	0	134	0	246	0	0	939	30	0	0	0	0	0	0	1941
16:00	49	108	0	0	36	0	59	0	0	417	19	0	0	0	0	0	0	688
16:15	68	125	0	0	40	0	104	0	0	405	6	0	0	0	0	0	0	748
16:30	45	126	0	0	22	0	72	0	0	391	9	0	0	0	0	0	0	665

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Groups Printed- Vehicles - Trucks

Start Time	University Ave Southbound				TH-10, North Ramps Westbound				University Ave Northbound				TH-10, North Ramps Eastbound				Int. Total	
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other		
16:45	49	127	0	0	42	0	76	0	0	418	22	0	0	0	0	0	0	734
Total	211	486	0	0	140	0	311	0	0	1631	56	0	0	0	0	0	0	2835
17:00	43	112	0	0	19	0	60	0	0	417	17	0	0	0	0	0	0	668
17:15	62	117	0	0	31	0	82	0	0	424	7	0	0	0	0	0	0	723
17:30	51	120	0	0	35	0	83	0	0	376	7	0	0	0	0	0	0	672
17:45	29	139	0	0	42	0	82	0	0	344	16	0	0	0	0	0	0	652
Total	185	488	0	0	127	0	307	0	0	1561	47	0	0	0	0	0	0	2715
Grand Total	2826	5336	2	0	1098	0	1410	0	0	6800	352	0	0	0	0	0	0	17824
Apprch %	34.6	65.4	0	0	43.8	0	56.2	0	0	95.1	4.9	0	0	0	0	0	0	
Total %	15.9	29.9	0	0	6.2	0	7.9	0	0	38.2	2	0	0	0	0	0	0	
Vehicles	2786	5234	2	0	1053	0	1391	0	0	6690	345	0	0	0	0	0	0	17501
% Vehicles	98.6	98.1	100	0	95.9	0	98.7	0	0	98.4	98	0	0	0	0	0	0	98.2
Trucks	40	102	0	0	45	0	19	0	0	110	7	0	0	0	0	0	0	323
% Trucks	1.4	1.9	0	0	4.1	0	1.3	0	0	1.6	2	0	0	0	0	0	0	1.8

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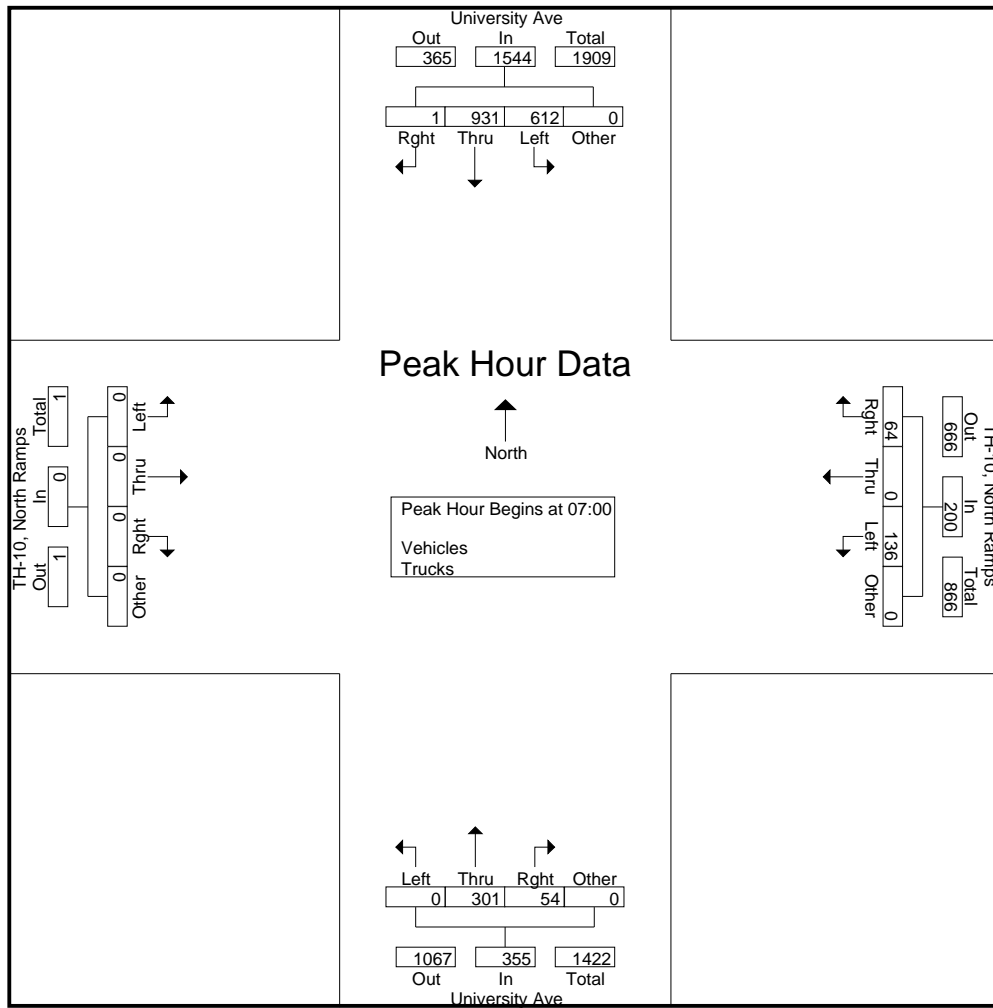
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Start Time	University Ave Southbound					TH-10, North Ramps Westbound					University Ave Northbound					TH-10, North Ramps Eastbound					Int. Total
	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	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 07:00																					
07:00	159	236	0	0	395	23	0	10	0	33	0	74	16	0	90	0	0	0	0	0	518
07:15	154	212	1	0	367	33	0	22	0	55	0	81	13	0	94	0	0	0	0	0	516
07:30	157	277	0	0	434	32	0	13	0	45	0	54	18	0	72	0	0	0	0	0	551
07:45	142	206	0	0	348	48	0	19	0	67	0	92	7	0	99	0	0	0	0	0	514
Total Volume	612	931	1	0	1544	136	0	64	0	200	0	301	54	0	355	0	0	0	0	0	2099
% App. Total	39.6	60.3	0.1	0		68	0	32	0		0	84.8	15.2	0		0	0	0	0	0	
PHF	.962	.840	.250	.000	.889	.708	.000	.727	.000	.746	.000	.818	.750	.000	.896	.000	.000	.000	.000	.000	.952



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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 16:00																					
16:00	49	108	0	0	157	36	0	59	0	95	0	417	19	0	436	0	0	0	0	0	688
16:15	68	125	0	0	193	40	0	104	0	144	0	405	6	0	411	0	0	0	0	0	748
16:30	45	126	0	0	171	22	0	72	0	94	0	391	9	0	400	0	0	0	0	0	665
16:45	49	127	0	0	176	42	0	76	0	118	0	418	22	0	440	0	0	0	0	0	734
Total Volume	211	486	0	0	697	140	0	311	0	451	0	1631	56	0	1687	0	0	0	0	0	2835
% App. Total	30.3	69.7	0	0		31	0	69	0		0	96.7	3.3	0		0	0	0	0		
PHF	.776	.957	.000	.000	.903	.833	.000	.748	.000	.783	.000	.975	.636	.000	.959	.000	.000	.000	.000	.000	.948

