

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-5 at Granada Ave  
 Ref.Pt.: 193.524  
 data by: Alliant Engineering  
 TURN MOVEMENT COUNT

File Name : 201 - TH5 & Granada Avenue  
 Site Code : 201  
 Start Date : 2/4/2014  
 Page No : 1

Groups Printed- Cars

Start Time	Granada Avenue Southbound					TH 5 Westbound					Granada Avenue Northbound					TH 5 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	19	4	1	0	0	4	30	2	0	0	4	1	4	0	0	1	36	4	0	110
06:15	0	11	6	1	0	0	14	37	7	0	0	6	1	4	0	0	1	53	2	0	143
06:30	0	19	2	1	0	0	13	51	1	0	0	6	1	3	0	0	0	71	5	0	173
06:45	0	18	6	2	0	0	13	72	6	0	0	4	7	4	0	0	0	44	7	0	183
Total	0	67	18	5	0	0	44	190	16	0	0	20	10	15	0	0	2	204	18	0	609
07:00	0	25	9	3	0	0	7	124	3	0	0	5	3	5	0	0	0	73	3	0	260
07:15	0	14	8	8	0	0	15	222	4	0	0	13	2	5	0	0	2	86	8	0	387
07:30	0	16	12	5	0	0	8	173	5	0	0	7	3	7	0	0	3	104	4	0	347
07:45	0	19	9	4	0	0	23	113	4	0	0	10	5	7	0	0	4	79	10	0	287
Total	0	74	38	20	0	0	53	632	16	0	0	35	13	24	0	0	9	342	25	0	1281
08:00	0	9	9	3	0	0	18	101	6	0	0	4	0	5	0	0	1	57	4	0	217
08:15	0	18	1	4	0	0	10	76	5	0	0	9	2	8	0	0	0	77	5	0	215
08:30	0	12	5	4	0	0	14	66	4	0	0	4	5	7	0	0	1	69	1	0	192
08:45	0	14	1	0	0	0	10	42	5	0	0	5	5	8	0	0	0	76	7	0	173
Total	0	53	16	11	0	0	52	285	20	0	0	22	12	28	0	0	2	279	17	0	797
09:00	0	9	2	1	0	0	9	50	0	0	0	2	2	8	0	0	1	59	7	0	150
09:15	0	9	2	1	0	0	9	33	5	0	0	5	2	4	0	0	0	46	1	0	117
*****BREAK*****																					
Total	0	18	4	2	0	0	18	83	5	0	0	7	4	12	0	0	1	105	8	0	267
*****BREAK*****																					
10:30	0	9	2	1	0	0	3	45	6	0	0	4	1	14	0	0	2	36	3	0	126
10:45	0	9	1	4	0	0	7	39	2	0	0	5	6	10	0	0	0	57	4	0	144
Total	0	18	3	5	0	0	10	84	8	0	0	9	7	24	0	0	2	93	7	0	270
11:00	0	11	4	0	0	0	3	40	7	0	0	8	4	6	0	0	5	99	4	0	191
11:15	0	16	10	3	0	0	9	53	4	0	0	2	4	17	0	0	3	111	6	0	238
11:30	0	8	1	0	0	0	3	44	5	0	0	3	1	6	0	0	3	77	5	0	156
11:45	0	7	2	2	0	0	11	32	8	0	0	6	4	7	0	0	1	47	5	0	132
Total	0	42	17	5	0	0	26	169	24	0	0	19	13	36	0	0	12	334	20	0	717
12:00	0	7	6	1	0	0	9	59	7	0	0	12	2	12	0	0	0	47	4	0	166
12:15	0	8	3	1	0	0	12	45	11	0	0	9	4	7	0	0	0	58	3	0	161
12:30	0	13	3	1	0	0	6	47	16	0	0	3	6	7	0	0	3	55	5	0	165
12:45	0	12	4	1	0	0	9	45	10	0	0	9	3	10	0	0	0	48	8	0	159
Total	0	40	16	4	0	0	36	196	44	0	0	33	15	36	0	0	3	208	20	0	651
13:00	0	7	4	2	0	0	6	47	9	0	0	4	3	5	0	0	2	59	7	0	155
13:15	0	11	3	1	0	0	11	43	9	0	0	1	5	12	0	0	0	51	5	0	152
*****BREAK*****																					
Total	0	18	7	3	0	0	17	90	18	0	0	5	8	17	0	0	2	110	12	0	307
*****BREAK*****																					
14:30	0	5	6	3	0	0	6	65	16	0	0	8	4	15	0	0	3	157	6	0	294
14:45	0	8	7	2	0	0	11	91	21	0	0	1	2	11	0	0	2	91	8	0	255
Total	0	13	13	5	0	0	17	156	37	0	0	9	6	26	0	0	5	248	14	0	549
15:00	0	8	2	0	0	0	8	84	24	0	0	7	7	15	0	0	3	95	10	0	263
15:15	0	6	7	1	0	0	14	78	17	0	0	6	8	10	0	0	2	88	8	1	246
15:30	0	11	6	3	0	0	5	95	23	0	0	5	13	16	0	0	6	125	9	0	317
15:45	0	16	7	1	0	0	11	98	14	0	0	11	6	16	0	0	3	125	9	0	317
Total	0	41	22	5	0	0	38	355	78	0	0	29	34	57	0	0	14	433	36	1	1143
16:00	0	13	6	2	0	0	8	96	23	0	0	9	4	23	0	0	3	102	11	0	300
16:15	0	7	5	3	0	0	9	98	25	0	0	12	12	12	0	0	7	122	6	0	318
16:30	0	21	4	5	0	0	19	125	26	0	0	13	8	19	0	0	4	117	12	0	373
16:45	0	18	7	2	0	0	11	116	25	0	0	9	8	19	0	0	1	121	10	0	347
Total	0	59	22	12	0	0	47	435	99	0	0	43	32	73	0	0	15	462	39	0	1338

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TH-5 at Granada Ave  
 Ref.Pt.: 193.524  
 data by: Alliant Engineering  
 TURN MOVEMENT COUNT

File Name : 201 - TH5 & Granada Avenue  
 Site Code : 201  
 Start Date : 2/4/2014  
 Page No : 2

Groups Printed- Cars

Start Time	Granada Avenue Southbound					TH 5 Westbound					Granada Avenue Northbound					TH 5 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
17:00	0	17	2	3	0	0	11	97	28	0	0	10	8	26	0	0	9	131	11	0	353
17:15	0	17	7	2	0	0	13	103	29	0	0	7	8	9	0	0	0	109	7	0	311
17:30	0	14	3	3	0	0	6	83	23	0	0	6	4	15	0	0	3	107	7	0	274
17:45	0	13	4	2	0	0	6	94	19	0	0	4	5	9	0	0	3	83	12	0	254
Total	0	61	16	10	0	0	36	377	99	0	0	27	25	59	0	0	15	430	37	0	1192
Grand Total	0	504	192	87	0	0	394	3052	464	0	0	258	179	407	0	0	82	3248	253	1	9121
Apprch %	0	64.4	24.5	11.1	0	0	10.1	78.1	11.9	0	0	30.6	21.2	48.2	0	0	2.3	90.6	7.1	0	
Total %	0	5.5	2.1	1	0	0	4.3	33.5	5.1	0	0	2.8	2	4.5	0	0	0.9	35.6	2.8	0	

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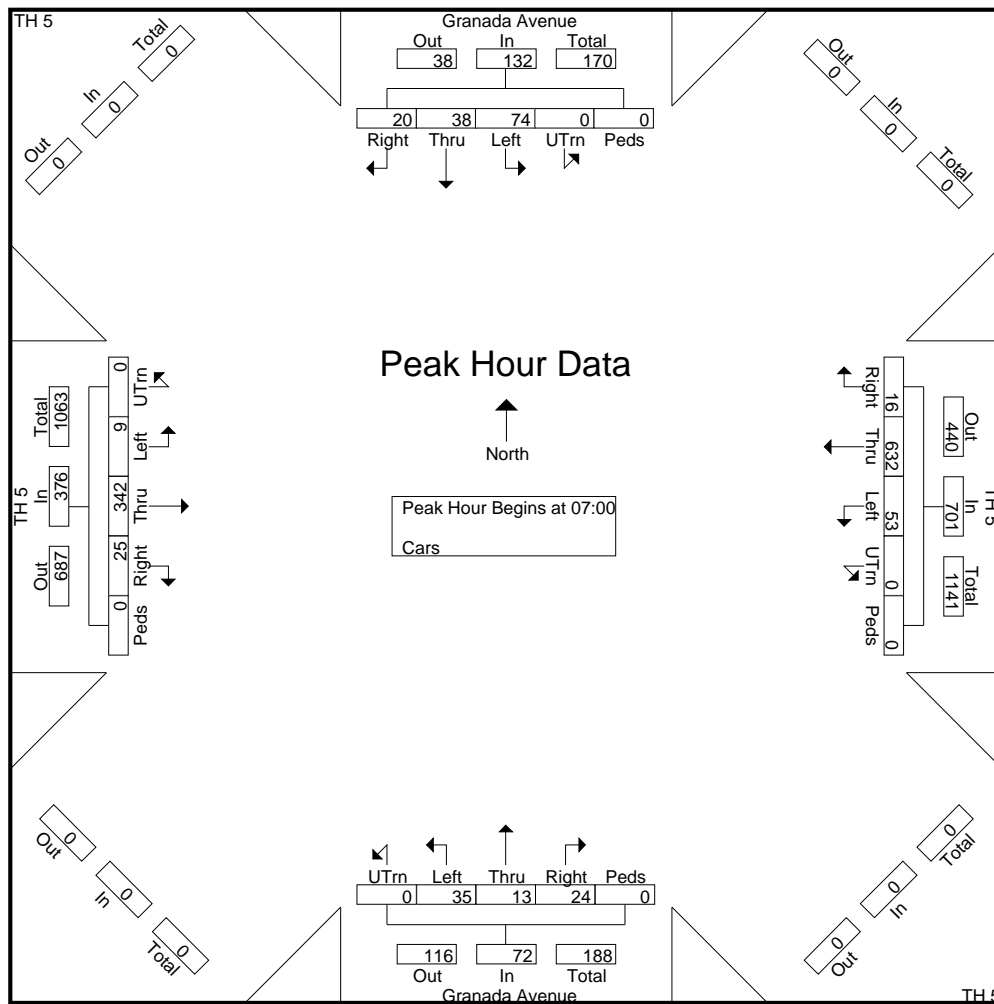
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 Ref.Pt.: 193.524  
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 TURN MOVEMENT COUNT

File Name : 201 - TH5 & Granada Avenue  
 Site Code : 201  
 Start Date : 2/4/2014  
 Page No : 3

Start Time	Granada Avenue Southbound					TH 5 Westbound					Granada Avenue Northbound					TH 5 Eastbound					Int. Total				
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left		Thru	Right	Peds	App. Total
07:00	0	25	9	3	0	37	0	7	12	3	0	134	0	5	3	5	0	13	0	0	73	3	0	76	260
07:15	0	14	8	8	0	30	0	15	222	4	0	241	0	13	2	5	0	20	0	2	86	8	0	96	387
07:30	0	16	12	5	0	33	0	8	173	5	0	186	0	7	3	7	0	17	0	3	104	4	0	111	347
07:45	0	19	9	4	0	32	0	23	113	4	0	140	0	10	5	7	0	22	0	4	79	10	0	93	287
Total Volume	0	74	38	20	0	132	0	53	632	16	0	701	0	35	13	24	0	72	0	9	342	25	0	376	1281
% App. Total	0	56.1	28.8	15.2	0		0	7.6	90.2	2.3	0		0	48.6	18.1	33.3	0		0	2.4	91	6.6	0		
PHF	.000	.740	.792	.625	.000	.892	.000	.576	.712	.800	.000	.727	.000	.673	.650	.857	.000	.818	.000	.563	.822	.625	.000	.847	.828

Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 07:00



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 TURN MOVEMENT COUNT

File Name : 201 - TH5 & Granada Avenue  
 Site Code : 201  
 Start Date : 2/4/2014  
 Page No : 4

Start Time	Granada Avenue Southbound						TH 5 Westbound						Granada Avenue Northbound						TH 5 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
16:15	0	7	5	3	0	15	0	9	98	25	0	132	0	12	12	12	0	36	0	7	12	6	0	135	318
16:30	0	21	4	5	0	30	0	19	125	26	0	170	0	13	8	19	0	40	0	4	117	12	0	133	373
16:45	0	18	7	2	0	27	0	11	116	25	0	152	0	9	8	19	0	36	0	1	121	10	0	132	347
17:00	0	17	2	3	0	22	0	11	97	28	0	136	0	10	8	26	0	44	0	9	131	11	0	151	353
Total Volume	0	63	18	13	0	94	0	50	436	104	0	590	0	44	36	76	0	156	0	21	491	39	0	551	1391
% App. Total	0	67	19.1	13.8	0		0	8.5	73.9	17.6	0		0	28.2	23.1	48.7	0		0	3.8	89.1	7.1	0		
PHF	.000	.750	.643	.650	.000	.783	.000	.658	.872	.929	.000	.868	.000	.846	.750	.731	.000	.886	.000	.583	.937	.813	.000	.912	.932

