

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-5 at Ideal Ave.  
 Ref.Pt.: 195.010  
 data by: Alliant Engineering  
 TURN MOVEMENT COUNT

File Name : 206 - TH5 & Ideal Avenue  
 Site Code : 206  
 Start Date : 2/4/2014  
 Page No : 1

Groups Printed- Cars

Start Time	Ideal Avenue Southbound					TH 5 Westbound					Ideal 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	3	3	10	0	0	0	47	0	0	0	20	5	0	0	0	1	15	4	0	108
06:15	0	4	2	8	0	0	1	56	1	0	0	26	1	0	0	0	3	23	1	0	126
06:30	0	3	7	13	0	0	0	74	3	0	0	30	7	2	0	0	2	37	3	0	181
06:45	0	2	10	14	0	0	2	90	7	0	0	40	9	4	0	0	4	32	9	0	223
Total	0	12	22	45	0	0	3	267	11	0	0	116	22	6	0	0	10	107	17	0	638
07:00	0	4	18	14	0	0	1	122	3	0	0	44	9	2	0	0	6	30	8	0	261
07:15	0	7	26	25	0	0	1	141	5	0	0	80	12	2	0	0	7	50	7	0	363
07:30	0	7	20	22	0	0	2	110	4	0	0	59	18	4	0	0	5	58	22	0	331
07:45	0	11	14	20	0	0	4	93	9	0	0	36	14	0	0	0	5	66	15	0	287
Total	0	29	78	81	0	0	8	466	21	0	0	219	53	8	0	0	23	204	52	0	1242
08:00	0	5	19	12	0	0	1	76	7	0	0	46	8	1	0	0	6	41	11	0	233
08:15	0	5	6	16	0	0	3	77	3	0	0	30	11	1	0	1	7	51	9	0	220
08:30	0	6	13	15	0	0	3	86	2	0	0	25	11	3	0	0	4	50	8	0	226
08:45	0	4	10	16	0	0	4	61	8	0	0	31	5	2	0	0	8	32	8	0	189
Total	0	20	48	59	0	0	11	300	20	0	0	132	35	7	0	1	25	174	36	0	868
09:00	0	5	6	10	0	0	1	47	5	0	0	17	8	4	0	0	3	39	7	0	152
09:15	0	3	11	5	0	0	3	30	1	0	0	10	4	3	0	1	4	37	3	0	115
*****BREAK*****																					
Total	0	8	17	15	0	0	4	77	6	0	0	27	12	7	0	1	7	76	10	0	267
*****BREAK*****																					
10:30	0	5	8	4	0	0	3	49	5	0	0	13	3	3	0	0	4	39	6	0	142
10:45	0	2	15	3	0	0	4	40	1	0	0	14	9	0	0	0	5	40	14	0	147
Total	0	7	23	7	0	0	7	89	6	0	0	27	12	3	0	0	9	79	20	0	289
11:00	0	8	9	4	0	1	6	30	3	0	0	12	12	3	0	0	4	30	15	0	137
11:15	0	8	4	4	0	0	3	32	1	0	0	7	13	2	0	0	6	48	14	0	142
11:30	0	5	15	6	0	0	4	48	2	0	0	7	4	4	0	0	7	39	10	0	151
11:45	0	3	9	6	0	0	6	48	2	0	0	15	11	1	0	1	5	35	10	0	152
Total	0	24	37	20	0	1	19	158	8	0	0	41	40	10	0	1	22	152	49	0	582
12:00	0	4	8	6	0	0	3	38	4	0	0	12	11	3	0	0	7	35	13	0	144
12:15	0	2	5	6	0	0	9	37	5	0	0	10	11	4	0	0	4	48	16	0	157
12:30	0	2	4	7	0	0	4	42	4	0	0	18	13	1	0	0	3	36	10	0	144
12:45	0	7	7	5	0	0	3	59	2	0	0	13	11	4	0	0	12	37	15	0	175
Total	0	15	24	24	0	0	19	176	15	0	0	53	46	12	0	0	26	156	54	0	620
13:00	0	2	10	6	0	0	7	43	7	0	0	14	10	1	0	0	10	49	10	0	169
13:15	0	3	9	4	0	0	3	41	2	0	0	18	12	4	0	0	6	37	7	0	146
*****BREAK*****																					
Total	0	5	19	10	0	0	10	84	9	0	0	32	22	5	0	0	16	86	17	0	315
*****BREAK*****																					
14:30	0	5	19	5	0	0	1	36	2	0	0	20	12	3	0	0	13	71	19	0	206
14:45	0	3	9	4	0	0	6	50	5	0	0	13	14	4	0	0	12	74	17	1	212
Total	0	8	28	9	0	0	7	86	7	0	0	33	26	7	0	0	25	145	36	1	418
15:00	0	5	8	6	0	0	3	36	7	0	0	15	14	6	0	0	13	61	23	0	197
15:15	0	8	11	6	0	0	5	52	4	0	0	16	19	4	0	0	12	70	22	0	229
15:30	0	5	21	4	0	0	5	56	10	0	0	14	18	5	0	0	20	90	38	0	286
15:45	0	6	23	9	0	0	11	57	10	0	0	12	23	6	0	0	18	87	36	0	298
Total	0	24	63	25	0	0	24	201	31	0	0	57	74	21	0	0	63	308	119	0	1010
16:00	0	7	13	7	0	0	6	45	9	0	0	15	22	4	0	0	16	94	28	0	266
16:15	0	6	21	9	0	0	12	54	8	0	0	14	23	6	0	0	26	104	36	0	319
16:30	0	5	22	8	0	0	2	38	14	0	0	28	22	6	0	0	17	107	42	0	311
16:45	0	13	33	10	0	1	8	50	8	0	0	24	32	6	0	0	25	111	47	0	368
Total	0	31	89	34	0	1	28	187	39	0	0	81	99	22	0	0	84	416	153	0	1264

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 Ref.Pt.: 195.010  
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 TURN MOVEMENT COUNT

File Name : 206 - TH5 & Ideal Avenue  
 Site Code : 206  
 Start Date : 2/4/2014  
 Page No : 2

Groups Printed- Cars

Start Time	Ideal Avenue Southbound					TH 5 Westbound					Ideal 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	8	21	13	0	0	4	66	2	0	0	18	27	12	0	0	18	119	39	0	347
17:15	0	9	16	11	0	0	11	55	4	0	0	17	31	5	0	0	18	113	44	0	334
17:30	0	5	21	11	0	1	4	57	5	0	0	23	26	8	0	0	24	113	42	0	340
17:45	0	3	17	4	0	0	9	48	5	0	0	19	15	5	0	0	14	94	35	0	268
Total	0	25	75	39	0	1	28	226	16	0	0	77	99	30	0	0	74	439	160	0	1289
Grand Total	0	208	523	368	0	3	168	2317	189	0	0	895	540	138	0	3	384	2342	723	1	8802
Apprch %	0	18.9	47.6	33.5	0	0.1	6.3	86.6	7.1	0	0	56.9	34.3	8.8	0	0.1	11.1	67.8	20.9	0	
Total %	0	2.4	5.9	4.2	0	0	1.9	26.3	2.1	0	0	10.2	6.1	1.6	0	0	4.4	26.6	8.2	0	

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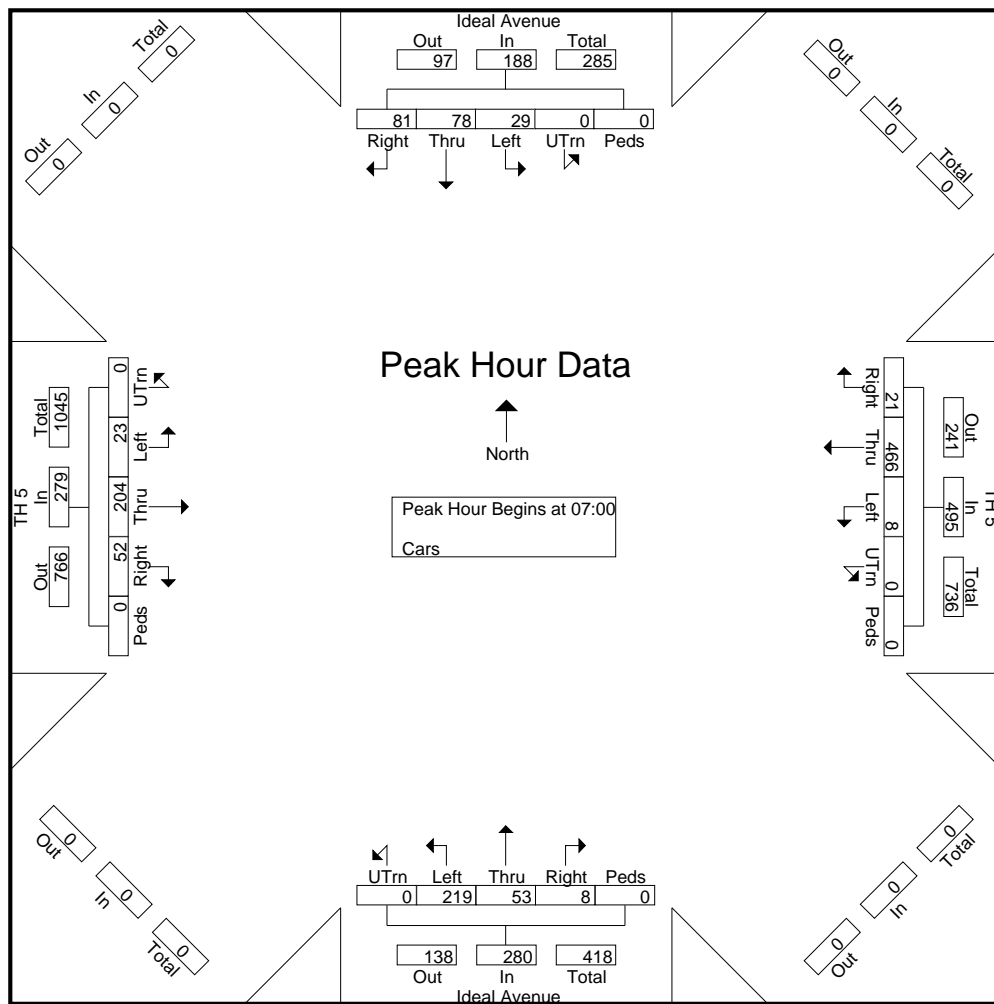
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TH-5 at Ideal Ave.  
 Ref.Pt.: 195.010  
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 TURN MOVEMENT COUNT

File Name : 206 - TH5 & Ideal Avenue  
 Site Code : 206  
 Start Date : 2/4/2014  
 Page No : 3

Start Time	Ideal Avenue Southbound						TH 5 Westbound						Ideal 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	4	18	14	0	36	0	1	12	3	0	126	0	44	9	2	0	55	0	6	30	8	0	44	261
07:15	0	7	26	25	0	58	0	1	141	5	0	147	0	80	12	2	0	94	0	7	50	7	0	64	363
07:30	0	7	20	22	0	49	0	2	110	4	0	116	0	59	18	4	0	81	0	5	58	22	0	85	331
07:45	0	11	14	20	0	45	0	4	93	9	0	106	0	36	14	0	0	50	0	5	66	15	0	86	287
Total Volume	0	29	78	81	0	188	0	8	466	21	0	495	0	219	53	8	0	280	0	23	204	52	0	279	1242
% App. Total	0	15.4	41.5	43.1	0		0	1.6	94.1	4.2	0		0	78.2	18.9	2.9	0		0	8.2	73.1	18.6	0		
PHF	.000	.659	.750	.810	.000	.810	.000	.500	.826	.583	.000	.842	.000	.684	.736	.500	.000	.745	.000	.821	.773	.591	.000	.811	.855

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 : 206 - TH5 & Ideal Avenue  
 Site Code : 206  
 Start Date : 2/4/2014  
 Page No : 4

Start Time	Ideal Avenue Southbound						TH 5 Westbound						Ideal 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	
16:45	0	13	33	10	0	56	1	8	50	8	0	67	0	24	32	6	0	62	0	25	111	47	0	183	368
17:00	0	8	21	13	0	42	0	4	66	2	0	72	0	18	27	12	0	57	0	18	119	39	0	176	347
17:15	0	9	16	11	0	36	0	11	55	4	0	70	0	17	31	5	0	53	0	18	113	44	0	175	334
17:30	0	5	21	11	0	37	1	4	57	5	0	67	0	23	26	8	0	57	0	24	113	42	0	179	340
Total Volume	0	35	91	45	0	171	2	27	228	19	0	276	0	82	116	31	0	229	0	85	456	172	0	713	1389
% App. Total	0	20.5	53.2	26.3	0		0.7	9.8	82.6	6.9	0		0	35.8	50.7	13.5	0		0	11.9	64	24.1	0		
PHF	.000	.673	.689	.865	.000	.763	.500	.614	.864	.594	.000	.958	.000	.854	.906	.646	.000	.923	.000	.850	.958	.915	.000	.974	.944

