

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-55 at General Sieben Drive  
 Ref.Pt.: 218.423  
 By Alliant Engineer.  
 TURN MOVEMENT COUNT

File Name : 101 - TH55 & General Sieben Drive  
 Site Code : 101  
 Start Date : 2/5/2014  
 Page No : 1

Groups Printed- Cars

Start Time	General Sieben Drive Southbound					TH 55 Westbound					General Sieben Drive Northbound					TH 55 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	16	0	0	4	136	2	0	0	38	7	5	0	1	2	28	2	0	247	
06:15	0	4	9	8	0	0	2	131	7	0	0	41	9	5	0	1	4	23	1	0	245	
06:30	0	2	7	15	0	0	3	164	26	0	0	54	31	0	0	0	2	21	0	0	325	
06:45	0	14	17	17	0	0	9	159	46	0	0	48	39	6	0	0	12	33	3	0	403	
Total	0	23	36	56	0	0	18	590	81	0	0	181	86	16	0	2	20	105	6	0	1220	
07:00	0	14	9	16	0	0	12	159	45	0	0	62	45	7	0	0	7	35	7	0	418	
07:15	0	39	23	19	0	0	6	177	86	0	0	36	111	14	0	1	8	33	3	0	556	
07:30	0	47	47	21	2	0	9	161	71	0	0	48	119	14	1	0	22	60	5	0	627	
07:45	0	15	17	17	0	0	20	142	46	0	0	33	28	6	0	9	31	41	7	0	412	
Total	0	115	96	73	2	0	47	639	248	0	0	179	303	41	1	10	68	169	22	0	2013	
08:00	0	10	3	13	0	1	4	110	26	0	0	35	27	5	0	0	32	36	7	0	309	
08:15	0	15	10	7	0	0	7	82	21	0	0	21	20	5	0	0	36	39	6	0	269	
08:30	0	15	6	9	0	0	11	69	24	0	0	24	20	8	0	1	38	40	5	0	270	
08:45	0	19	12	6	0	0	10	62	30	0	0	10	19	14	0	0	27	35	7	0	251	
Total	0	59	31	35	0	1	32	323	101	0	0	90	86	32	0	1	133	150	25	0	1099	
09:00	0	12	12	4	0	0	12	56	19	0	0	16	11	5	0	0	28	36	2	0	213	
09:15	0	11	18	7	0	0	12	40	31	0	0	12	19	6	0	0	9	45	2	0	212	
*****BREAK*****																						
Total	0	23	30	11	0	0	24	96	50	0	0	28	30	11	0	0	37	81	4	0	425	
*****BREAK*****																						
10:30	0	15	21	15	0	0	11	40	26	0	0	11	18	5	0	0	12	29	0	0	203	
10:45	0	28	29	14	0	0	24	34	30	0	0	4	21	6	0	0	10	33	2	0	235	
Total	0	43	50	29	0	0	35	74	56	0	0	15	39	11	0	0	22	62	2	0	438	
11:00	0	27	28	6	0	0	20	38	26	0	0	11	26	9	0	0	13	37	46	0	287	
11:15	0	27	49	10	0	0	20	42	26	0	0	11	20	13	0	0	12	41	4	0	275	
11:30	0	32	38	11	0	1	25	42	23	0	0	11	23	14	0	1	22	28	10	0	281	
11:45	0	46	30	13	0	0	28	31	35	0	0	12	18	14	0	1	19	53	9	0	309	
Total	0	132	145	40	0	1	93	153	110	0	0	45	87	50	0	2	66	159	69	0	1152	
12:00	0	32	23	15	0	0	24	43	34	0	0	14	31	17	0	1	16	70	11	0	331	
12:15	0	34	34	10	0	0	32	42	29	0	0	12	23	17	0	0	15	40	15	0	303	
12:30	0	46	35	9	0	0	26	48	37	0	0	7	35	23	0	0	21	55	4	0	346	
12:45	0	41	50	6	0	0	21	41	35	0	0	13	28	21	1	0	34	54	11	0	356	
Total	0	153	142	40	0	0	103	174	135	0	0	46	117	78	1	1	86	219	41	0	1336	
13:00	0	32	29	12	0	0	22	58	30	0	0	13	34	23	0	1	21	51	12	0	338	
13:15	0	49	26	9	0	0	27	34	42	0	0	14	34	22	0	1	17	50	12	0	337	
*****BREAK*****																						
Total	0	81	55	21	0	0	49	92	72	0	0	27	68	45	0	2	38	101	24	0	675	
*****BREAK*****																						
14:30	0	85	143	17	0	0	21	51	45	0	0	10	36	16	0	0	20	55	17	0	516	
14:45	0	70	79	14	0	0	26	55	42	0	0	5	60	20	0	0	24	69	24	1	489	
Total	0	155	222	31	0	0	47	106	87	0	0	15	96	36	0	0	44	124	41	1	1005	
15:00	0	55	60	9	0	1	21	49	33	0	0	14	34	20	0	0	17	70	15	0	398	
15:15	0	44	40	18	0	1	19	58	34	1	0	7	28	19	1	0	15	80	18	0	383	
15:30	0	48	48	28	1	0	24	55	40	0	0	11	31	24	0	0	25	70	17	1	423	
15:45	0	53	49	18	0	1	19	56	33	0	0	6	25	14	0	0	20	112	34	0	440	
Total	0	200	197	73	1	3	83	218	140	1	0	38	118	77	1	0	77	332	84	1	1644	
16:00	0	36	48	26	0	0	39	51	60	0	0	15	32	26	2	0	29	112	20	0	496	
16:15	0	35	56	25	0	0	34	59	41	0	0	11	32	17	0	0	25	142	36	0	513	
16:30	0	47	69	38	0	0	31	64	49	0	0	12	48	25	0	0	23	111	42	0	559	
16:45	0	50	63	38	0	0	43	66	57	0	0	13	69	23	0	0	34	146	44	0	646	
Total	0	168	236	127	0	0	147	240	207	0	0	51	181	91	2	0	111	511	142	0	2214	

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 TURN MOVEMENT COUNT

File Name : 101 - TH55 & General Sieben Drive  
 Site Code : 101  
 Start Date : 2/5/2014  
 Page No : 2

Groups Printed- Cars

Start Time	General Sieben Drive Southbound					TH 55 Westbound					General Sieben Drive Northbound					TH 55 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	56	61	9	2	0	36	93	30	0	0	7	28	19	0	0	22	128	33	0	524
17:15	0	61	59	13	0	0	28	58	40	0	0	14	38	25	0	0	18	149	35	0	538
17:30	0	53	58	4	0	0	28	46	29	0	0	19	33	24	0	0	22	171	53	0	540
17:45	0	45	48	12	0	0	33	32	34	0	0	10	33	33	0	0	27	141	38	0	486
Total	0	215	226	38	2	0	125	229	133	0	0	50	132	101	0	0	89	589	159	0	2088
Grand Total	0	1367	1466	574	5	5	803	2934	1420	1	0	765	1343	589	5	18	791	2602	619	2	15309
Apprch %	0	40.1	43	16.8	0.1	0.1	15.6	56.8	27.5	0	0	28.3	49.7	21.8	0.2	0.4	19.6	64.5	15.4	0	
Total %	0	8.9	9.6	3.7	0	0	5.2	19.2	9.3	0	0	5	8.8	3.8	0	0.1	5.2	17	4	0	

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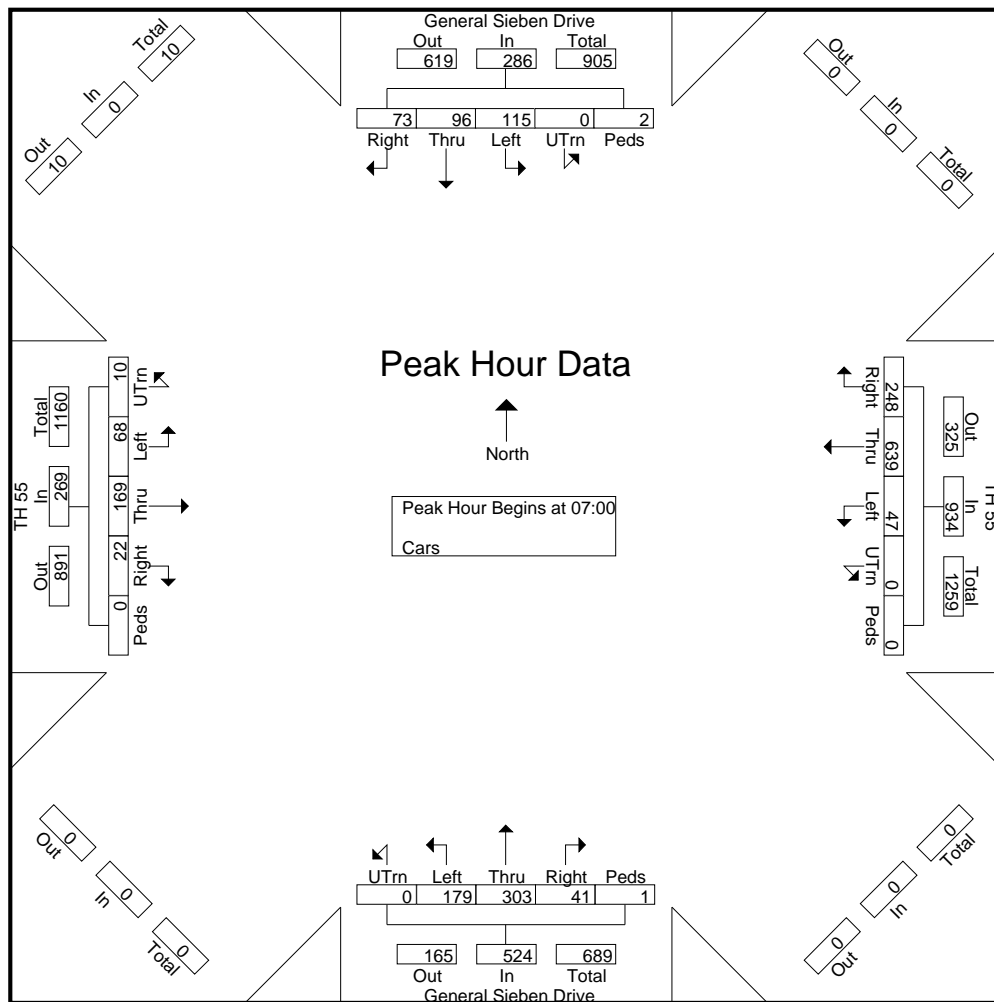
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 Ref.Pt.: 218.423  
 By Alliant Engineer.  
 TURN MOVEMENT COUNT

File Name : 101 - TH55 & General Sieben Drive  
 Site Code : 101  
 Start Date : 2/5/2014  
 Page No : 3

Start Time	General Sieben Drive Southbound						TH 55 Westbound						General Sieben Drive Northbound						TH 55 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	14	9	16	0	39	0	12	159	45	0	216	0	62	45	7	0	114	0	7	35	7	0	49	418
07:15	0	39	23	19	0	81	0	6	177	86	0	269	0	36	111	14	0	161	1	8	33	3	0	45	556
07:30	0	47	47	21	2	117	0	9	161	71	0	241	0	48	119	14	1	182	0	22	60	5	0	87	627
07:45	0	15	17	17	0	49	0	20	142	46	0	208	0	33	28	6	0	67	9	31	41	7	0	88	412
Total Volume	0	115	96	73	2	286	0	47	639	248	0	934	0	179	303	41	1	524	10	68	169	22	0	269	2013
% App. Total	0	40.2	33.6	25.5	0.7		0	5	68.4	26.6	0		0	34.2	57.8	7.8	0.2		3.7	25.3	62.8	8.2	0		
PHF	.000	.612	.511	.869	.250	.611	.000	.588	.903	.721	.000	.868	.000	.722	.637	.732	.250	.720	.278	.548	.704	.786	.000	.764	.803

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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File Name : 101 - TH55 & General Sieben Drive  
 Site Code : 101  
 Start Date : 2/5/2014  
 Page No : 4

Start Time	General Sieben Drive Southbound						TH 55 Westbound						General Sieben Drive Northbound						TH 55 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	
16:30	0	47	69	38	0	154	0	31	64	49	0	144	0	12	48	25	0	85	0	23	11	42	0	176	559
16:45	0	50	63	38	0	151	0	43	66	57	0	166	0	13	69	23	0	105	0	34	146	44	0	224	646
17:00	0	56	61	9	2	128	0	36	93	30	0	159	0	7	28	19	0	54	0	22	128	33	0	183	524
17:15	0	61	59	13	0	133	0	28	58	40	0	126	0	14	38	25	0	77	0	18	149	35	0	202	538
Total Volume	0	214	252	98	2	566	0	138	281	176	0	595	0	46	183	92	0	321	0	97	534	154	0	785	2267
% App. Total	0	37.8	44.5	17.3	0.4		0	23.2	47.2	29.6	0		0	14.3	57	28.7	0		0	12.4	68	19.6	0		
PHF	.000	.877	.913	.645	.250	.919	.000	.802	.755	.772	.000	.896	.000	.821	.663	.920	.000	.764	.000	.713	.896	.875	.000	.876	.877

