

# Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at Roselawn Ave.  
ref.pt.: 140.566  
data by: Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 2 - TH 61 & Roselawn Ave  
Site Code : 2  
Start Date : 11/8/2012  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-61 Southbound				park entrance Westbound				TH-61 Northbound				Roselawn Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	54	8	0	0	0	0	0	7	63	0	0	0	0	3	0	135
06:15	0	99	14	0	0	0	0	0	10	67	0	0	1	0	6	0	197
06:30	0	166	28	0	0	0	0	0	9	107	0	0	6	0	16	0	332
06:45	0	258	42	0	0	0	0	0	23	97	0	0	11	0	13	0	444
Total	0	577	92	0	0	0	0	0	49	334	0	0	18	0	38	0	1108
07:00	0	295	50	0	0	0	0	0	18	127	0	0	10	0	13	0	513
07:15	0	353	61	0	0	0	0	0	34	120	0	0	8	0	12	0	588
07:30	1	358	101	0	0	0	0	0	49	137	0	0	11	0	18	0	675
07:45	0	372	65	1	0	0	0	0	29	118	0	0	15	0	18	0	618
Total	1	1378	277	1	0	0	0	0	130	502	0	0	44	0	61	0	2394
08:00	0	275	39	0	0	0	0	0	25	104	0	0	14	0	18	0	475
08:15	0	172	36	0	0	0	0	0	27	117	0	0	12	0	12	0	376
08:30	0	173	15	0	0	0	0	0	18	136	0	0	16	0	19	0	377
08:45	0	170	16	0	0	0	0	0	26	133	0	0	19	0	19	0	383
Total	0	790	106	0	0	0	0	0	96	490	0	0	61	0	68	0	1611
09:00	0	137	27	0	0	0	0	0	27	113	0	0	17	0	18	0	339
09:15	0	114	27	0	0	0	0	0	19	114	0	0	28	0	16	0	318
***** Break *****																	
Total	0	251	54	0	0	0	0	0	46	227	0	0	45	0	34	0	657
***** Break *****																	
10:30	0	91	23	0	0	0	0	0	11	107	0	0	16	0	3	0	251
10:45	0	112	20	0	0	0	0	0	9	125	0	0	15	0	12	0	293
Total	0	203	43	0	0	0	0	0	20	232	0	0	31	0	15	0	544
11:00	0	112	21	0	0	0	0	0	11	113	0	0	14	0	4	0	275
11:15	0	108	18	0	0	0	0	0	11	108	0	0	18	0	8	0	271
11:30	0	114	13	0	0	0	0	0	6	128	0	0	12	0	9	0	282
11:45	0	129	18	0	0	0	0	0	11	110	0	0	22	0	14	0	304
Total	0	463	70	0	0	0	0	0	39	459	0	0	66	0	35	0	1132
12:00	0	135	24	0	0	0	0	0	14	131	0	0	22	0	19	0	345
12:15	0	130	17	0	0	0	0	0	14	135	0	0	13	0	14	0	323
12:30	0	128	25	0	0	0	0	0	13	130	0	0	15	0	15	0	326
12:45	1	128	14	0	0	0	0	0	12	138	0	0	19	0	16	0	328
Total	1	521	80	0	0	0	0	0	53	534	0	0	69	0	64	0	1322
13:00	0	126	19	0	0	0	0	0	16	135	0	0	20	0	17	0	333
13:15	0	127	19	0	0	0	0	0	10	142	0	0	24	0	11	0	333
***** Break *****																	
Total	0	253	38	0	0	0	0	0	26	277	0	0	44	0	28	0	666
***** Break *****																	
14:30	0	158	21	0	0	0	0	0	13	184	0	0	16	0	19	0	411
14:45	0	166	24	0	0	0	0	0	24	161	0	0	27	0	23	0	425
Total	0	324	45	0	0	0	0	0	37	345	0	0	43	0	42	0	836
15:00	0	141	21	0	0	0	0	0	23	196	0	0	24	0	22	0	427
15:15	2	219	16	0	0	0	0	0	17	198	0	0	32	0	25	0	509
15:30	0	175	29	0	0	0	0	0	19	211	0	0	37	0	39	0	510
15:45	0	207	37	0	0	0	0	0	22	255	0	0	41	0	47	0	609
Total	2	742	103	0	0	0	0	0	81	860	0	0	134	0	133	0	2055

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Groups Printed- Cars - Trucks

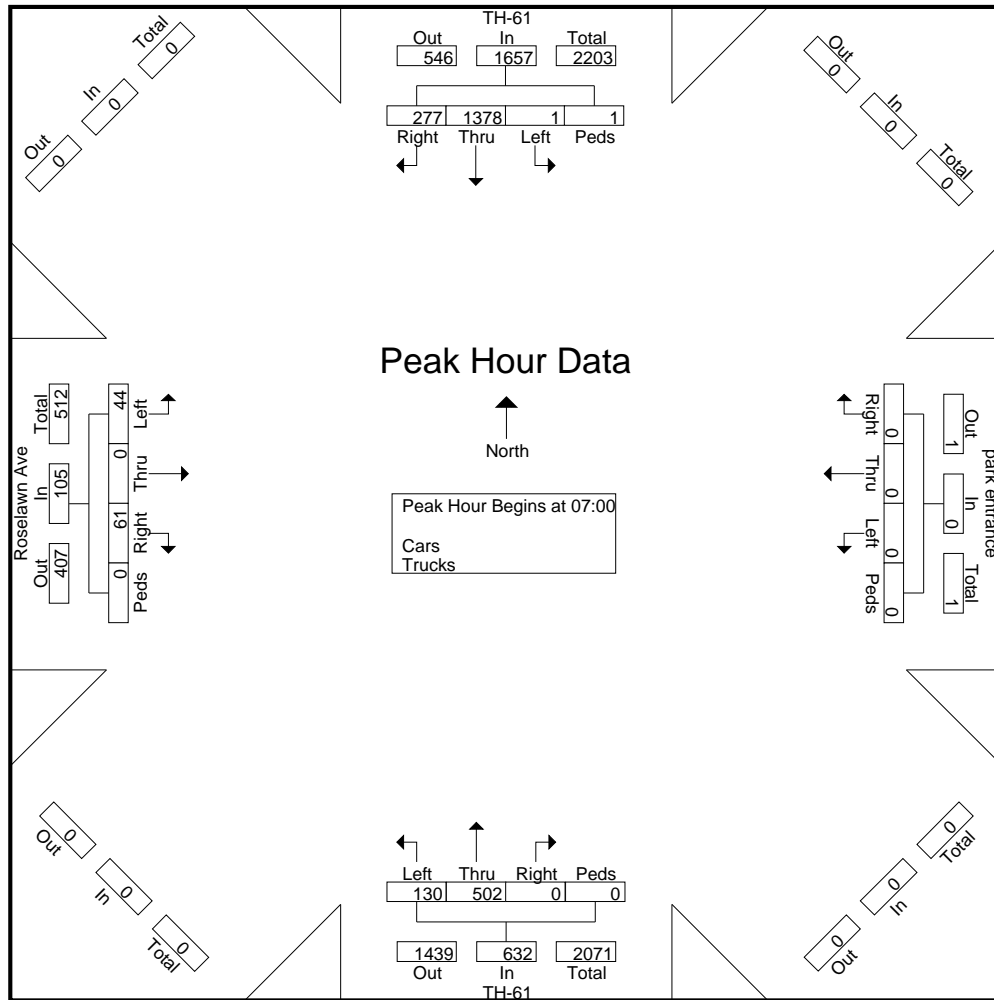
Start Time	TH-61 Southbound				park entrance Westbound				TH-61 Northbound				Roselawn Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	0	160	30	0	0	0	0	0	19	275	0	0	43	0	33	0	560
16:15	0	199	19	0	0	0	0	0	16	307	0	0	55	0	34	0	630
16:30	0	179	24	0	0	0	0	0	17	292	0	0	66	0	34	0	612
16:45	0	207	26	0	0	0	0	0	11	350	0	0	54	0	39	0	687
Total	0	745	99	0	0	0	0	0	63	1224	0	0	218	0	140	0	2489
17:00	0	186	25	0	0	0	0	0	30	333	0	0	58	0	33	0	665
17:15	0	204	15	1	0	0	0	0	20	348	0	0	65	0	35	0	688
17:30	0	167	23	0	0	0	0	0	12	274	0	0	51	0	32	0	559
17:45	0	163	19	0	0	0	0	0	23	237	0	0	31	0	25	0	498
Total	0	720	82	1	0	0	0	0	85	1192	0	0	205	0	125	0	2410
18:00	0	179	18	0	0	0	0	0	12	208	0	0	30	0	19	0	466
18:15	0	160	22	0	0	0	0	0	12	174	0	0	18	0	17	0	403
Grand Total	4	7306	1129	2	0	0	0	0	749	7058	0	0	1026	0	819	0	18093
Apprch %	0	86.6	13.4	0	0	0	0	0	9.6	90.4	0	0	55.6	0	44.4	0	
Total %	0	40.4	6.2	0	0	0	0	0	4.1	39	0	0	5.7	0	4.5	0	
Cars	4	7183	1102	2	0	0	0	0	714	6950	0	0	1014	0	778	0	17747
% Cars	100	98.3	97.6	100	0	0	0	0	95.3	98.5	0	0	98.8	0	95	0	98.1
Trucks	0	123	27	0	0	0	0	0	35	108	0	0	12	0	41	0	346
% Trucks	0	1.7	2.4	0	0	0	0	0	4.7	1.5	0	0	1.2	0	5	0	1.9

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Start Time	TH-61 Southbound					park entrance Westbound					TH-61 Northbound					Roselawn Ave Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	0	295	50	0	345	0	0	0	0	0	18	127	0	0	145	10	0	13	0	23	513
07:15	0	353	61	0	414	0	0	0	0	0	34	120	0	0	154	8	0	12	0	20	588
07:30	1	358	101	0	460	0	0	0	0	0	49	137	0	0	186	11	0	18	0	29	675
07:45	0	372	65	1	438	0	0	0	0	0	29	118	0	0	147	15	0	18	0	33	618
Total Volume	1	1378	277	1	1657	0	0	0	0	0	130	502	0	0	632	44	0	61	0	105	2394
% App. Total	0.1	83.2	16.7	0.1		0	0	0	0	0	20.6	79.4	0	0		41.9	0	58.1	0		
PHF	.250	.926	.686	.250	.901	.000	.000	.000	.000	.000	.663	.916	.000	.000	.849	.733	.000	.847	.000	.795	.887



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Start Time	TH-61 Southbound					park entrance Westbound					TH-61 Northbound					Roselawn Ave Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 14:30 to 18:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	0	179	24	0	203	0	0	0	0	0	17	292	0	0	309	66	0	34	0	100	612
16:45	0	207	26	0	233	0	0	0	0	0	11	350	0	0	361	54	0	39	0	93	687
17:00	0	186	25	0	211	0	0	0	0	0	30	333	0	0	363	58	0	33	0	91	665
17:15	0	204	15	1	220	0	0	0	0	0	20	348	0	0	368	65	0	35	0	100	688
Total Volume	0	776	90	1	867	0	0	0	0	0	78	1323	0	0	1401	243	0	141	0	384	2652
% App. Total	0	89.5	10.4	0.1		0	0	0	0		5.6	94.4	0	0		63.3	0	36.7	0		
PHF	.000	.937	.865	.250	.930	.000	.000	.000	.000	.000	.650	.945	.000	.000	.952	.920	.000	.904	.000	.960	.964

