

# Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at Co.Rd C / CSAH-23  
Ref.Pt. 142.282  
data by: Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 4 - TH 61 & CR C  
Site Code : 4  
Start Date : 11/8/2012  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-61 Southbound					CoRd C Westbound					TH-61 Northbound					CoRd C 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	0	97	9	0	0	11	2	5	0	0	0	79	1	2	0	4	1	13	0	224
06:15	0	0	177	18	0	0	20	5	3	0	0	0	100	5	0	0	2	4	5	0	339
06:30	0	0	246	11	0	0	36	12	8	0	0	1	162	9	0	0	4	3	15	0	507
06:45	0	3	320	38	0	0	36	23	6	0	0	2	184	4	1	0	7	4	11	0	639
Total	0	3	840	76	0	0	103	42	22	0	0	3	525	19	3	0	17	12	44	0	1709
07:00	0	4	394	34	0	1	31	17	7	0	0	1	176	13	0	0	5	10	15	0	708
07:15	0	6	385	18	0	0	44	35	12	0	0	3	247	12	0	0	10	12	6	0	790
07:30	0	2	463	12	0	0	51	27	15	0	0	1	215	20	0	0	9	12	13	0	840
07:45	0	8	449	8	0	0	28	13	15	0	0	2	236	24	0	0	13	5	17	0	818
Total	0	20	1691	72	0	1	154	92	49	0	0	7	874	69	0	0	37	39	51	0	3156
08:00	0	5	301	6	0	0	30	21	8	0	0	2	213	17	4	0	8	5	12	0	632
08:15	0	3	233	6	0	0	29	7	10	0	0	5	201	26	0	0	10	5	9	0	544
08:30	0	6	215	9	0	0	25	8	6	0	0	0	247	16	0	0	8	10	6	0	556
08:45	0	12	241	6	0	0	17	3	11	0	0	4	223	21	0	0	9	9	10	0	566
Total	0	26	990	27	0	0	101	39	35	0	0	11	884	80	4	0	35	29	37	0	2298
09:00	0	2	186	6	0	0	24	9	8	0	0	2	190	12	0	0	14	9	11	0	473
09:15	0	17	178	6	0	0	22	11	8	0	0	5	201	13	0	0	11	10	3	0	485
**** Break ****	0	19	364	12	0	0	46	20	16	0	0	7	391	25	0	0	25	19	14	0	958
**** Break ****	0	6	195	15	0	0	15	4	13	0	0	1	244	7	0	0	16	4	6	0	526
10:30	0	10	199	10	0	0	20	8	10	0	0	2	229	15	0	0	15	9	4	0	531
Total	0	16	394	25	0	0	35	12	23	0	0	3	473	22	0	0	31	13	10	0	1057
11:00	0	8	186	15	0	0	24	11	6	0	0	11	219	22	0	0	10	12	11	0	535
11:15	0	8	213	18	0	0	15	10	7	0	0	5	223	14	0	0	14	12	6	0	545
11:30	0	6	216	15	0	0	18	8	4	0	0	3	228	19	0	0	17	16	3	0	553
11:45	0	12	230	10	0	0	20	7	10	0	0	3	253	19	0	0	9	8	3	0	584
Total	0	34	845	58	0	0	77	36	27	0	0	22	923	74	0	0	50	48	23	0	2217
12:00	0	5	234	12	0	0	18	11	9	0	0	4	264	24	0	0	14	6	2	0	603
12:15	0	6	228	13	0	0	19	11	6	0	0	4	269	22	0	0	18	5	11	0	612
12:30	0	5	258	15	0	0	17	5	10	0	0	1	262	20	0	0	21	11	4	0	629
12:45	0	3	281	12	0	0	23	12	11	0	0	3	317	24	0	0	20	22	1	0	729
Total	0	19	1001	52	0	0	77	39	36	0	0	12	1112	90	0	0	73	44	18	0	2573
13:00	0	6	253	13	0	0	22	5	8	0	0	2	270	29	0	0	15	9	9	0	641
13:15	0	5	209	11	1	0	24	16	8	0	0	4	262	19	0	0	16	9	4	0	588
**** Break ****	0	11	462	24	1	0	46	21	16	0	0	6	532	48	0	0	31	18	13	0	1229
**** Break ****	0	4	215	12	0	0	13	13	9	0	0	2	326	26	2	0	14	9	5	0	650
14:30	0	4	255	9	0	0	13	7	10	0	0	4	299	38	0	0	14	15	5	0	673
Total	0	8	470	21	0	0	26	20	19	0	0	6	625	64	2	0	28	24	10	0	1323
15:00	0	4	245	12	0	0	21	15	19	0	0	5	335	31	0	0	23	11	7	0	728
15:15	0	11	304	13	2	0	26	12	11	0	0	5	363	36	1	0	10	18	3	0	815
15:30	0	11	293	18	0	0	30	18	8	0	0	4	397	43	0	0	25	20	2	0	869
15:45	0	7	286	16	3	0	27	18	15	0	0	5	364	46	1	0	35	31	4	0	858
Total	0	33	1128	59	5	0	104	63	53	0	0	19	1459	156	2	0	93	80	16	0	3270
16:00	0	4	306	9	0	0	19	15	13	0	0	8	400	36	1	0	17	26	9	0	863

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Groups Printed- Cars - Trucks

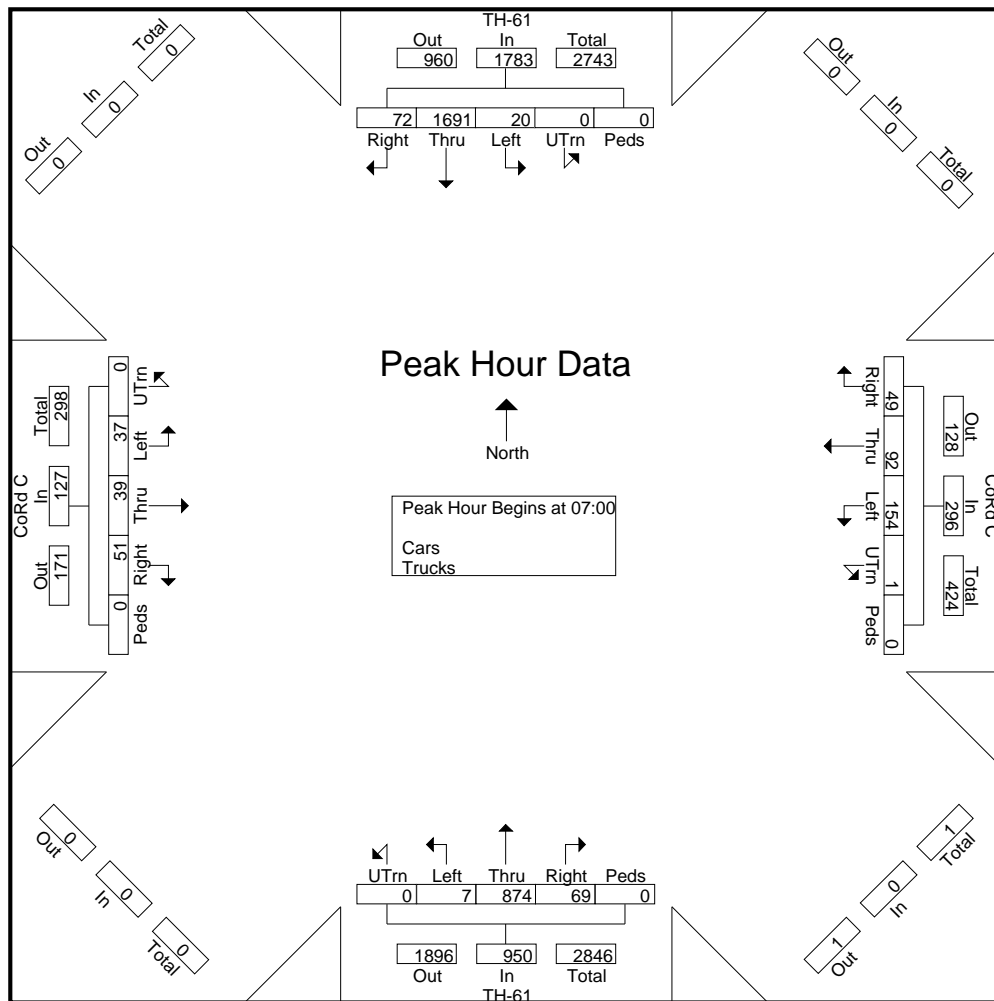
Start Time	TH-61 Southbound					CoRd C Westbound					TH-61 Northbound					CoRd C Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
16:15	0	7	290	17	0	0	26	18	7	0	0	0	411	39	0	0	32	34	3	0	884
16:30	0	14	284	10	0	0	29	18	12	0	0	7	395	50	1	0	49	43	12	0	924
16:45	0	14	291	14	0	0	20	13	14	0	0	8	472	52	0	0	43	42	3	0	986
Total	0	39	1171	50	0	0	94	64	46	0	0	23	1678	177	2	0	141	145	27	0	3657
17:00	0	11	285	16	1	0	30	17	16	0	0	3	492	52	3	0	48	37	12	1	1024
17:15	0	12	279	9	1	0	17	20	19	1	0	7	458	53	1	0	36	38	15	0	966
17:30	0	9	254	13	1	0	19	12	19	0	0	5	375	44	0	0	40	36	7	1	835
17:45	0	4	228	7	0	0	19	11	11	0	0	5	352	33	1	0	35	22	12	0	740
Total	0	36	1046	45	3	0	85	60	65	1	0	20	1677	182	5	0	159	133	46	2	3565
18:00	0	7	251	12	0	0	19	8	10	0	0	4	329	26	2	0	28	23	11	0	730
18:15	0	4	225	9	2	0	12	9	6	0	0	6	278	22	0	0	26	21	3	0	623
Grand Total	0	275	10878	542	11	1	979	525	423	1	0	149	11760	1054	20	0	774	648	323	2	28365
Apprch %	0	2.3	92.9	4.6	0.1	0.1	50.8	27.2	21.9	0.1	0	1.1	90.6	8.1	0.2	0	44.3	37.1	18.5	0.1	
Total %	0	1	38.4	1.9	0	0	3.5	1.9	1.5	0	0	0.5	41.5	3.7	0.1	0	2.7	2.3	1.1	0	
Cars	0	262	10601	527	11	0	945	506	404	1	0	145	11492	1034	20	0	718	632	313	2	27613
% Cars	0	95.3	97.5	97.2	100	0	96.5	96.4	95.5	100	0	97.3	97.7	98.1	100	0	92.8	97.5	96.9	100	97.3
Trucks	0	13	277	15	0	1	34	19	19	0	0	4	268	20	0	0	56	16	10	0	752
% Trucks	0	4.7	2.5	2.8	0	100	3.5	3.6	4.5	0	0	2.7	2.3	1.9	0	0	7.2	2.5	3.1	0	2.7

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	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	39	4	34	0	432	1	31	17	7	0	56	0	1	17	6	13	0	190	0	5	10	15	0	30	708
07:15	0	6	38	5	18	0	409	0	44	35	12	0	91	0	3	247	12	0	262	0	10	12	6	0	28	790	
07:30	0	2	463	12	0	477	0	51	27	15	0	93	0	1	215	20	0	236	0	9	12	13	0	34	840		
07:45	0	8	449	8	0	465	0	28	13	15	0	56	0	2	236	24	0	262	0	13	5	17	0	35	818		
Total Volume	0	20	1691	72	0	1783	1	154	92	49	0	296	0	7	874	69	0	950	0	37	39	51	0	127	3156		
% App. Total	0	1.1	94.8	4	0		0.3	52	31.1	16.6	0		0	0.7	92	7.3	0		0	29.1	30.7	40.2	0				
PHF	.000	.625	.913	.529	.000	.934	.250	.755	.657	.817	.000	.796	.000	.583	.885	.719	.000	.906	.000	.712	.813	.750	.000	.907	.939		



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	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
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	14	284	10	0	308	0	29	18	12	0	59	0	7	395	50	1	453	0	49	43	12	0	104	924
16:45	0	14	291	14	0	319	0	20	13	14	0	47	0	8	472	52	0	532	0	43	42	3	0	88	986
17:00	0	11	285	16	1	313	0	30	17	16	0	63	0	3	492	52	3	550	0	48	37	12	1	98	1024
17:15	0	12	279	9	1	301	0	17	20	19	1	57	0	7	458	53	1	519	0	36	38	15	0	89	966
Total Volume	0	51	1139	49	2	1241	0	96	68	61	1	226	0	25	1817	207	5	2054	0	176	160	42	1	379	3900
% App. Total	0	4.1	91.8	3.9	0.2		0	42.5	30.1	27	0.4		0	1.2	88.5	10.1	0.2		0	46.4	42.2	11.1	0.3		
PHF	.000	.911	.979	.766	.500	.973	.000	.800	.850	.803	.250	.897	.000	.781	.923	.976	.417	.934	.000	.898	.930	.700	.250	.911	.952

