

Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at Co.Rd. J / 120th St
Ref.Pt.: 150.044
data by : Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : TH-61 at CoRd J 120th St 2012
Site Code : 21
Start Date : 11/14/2012
Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-61 Southbound					Co.Rd. J 120th St. Westbound					TH-61 Northbound					Co.Rd. J 120th St. 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	20	106	1	0	0	31	0	1	0	0	0	11	2	0	0	0	0	16	0	188
06:15	0	10	132	0	0	0	28	0	6	0	0	1	23	0	0	0	1	2	11	0	214
06:30	0	20	179	1	0	0	37	0	8	0	0	0	62	5	2	0	3	4	14	0	335
06:45	0	17	190	0	0	0	36	1	13	0	0	0	50	5	0	0	0	3	14	0	329
Total	0	67	607	2	0	0	132	1	28	0	0	1	146	12	2	0	4	9	55	0	1066
07:00	0	15	241	0	0	0	39	1	9	0	0	1	37	7	2	0	0	5	16	0	373
07:15	0	19	256	3	0	8	39	2	13	0	0	1	60	7	0	0	4	9	27	0	448
07:30	0	14	213	1	0	0	27	1	17	0	0	0	49	5	0	0	5	9	22	0	363
07:45	0	12	189	2	0	0	30	2	10	0	0	26	60	6	0	0	3	3	12	0	355
Total	0	60	899	6	0	8	135	6	49	0	0	28	206	25	2	0	12	26	77	0	1539
08:00	0	12	114	1	0	0	24	3	10	0	0	3	62	4	1	0	2	9	11	0	256
08:15	0	12	124	1	0	0	21	6	12	0	0	4	52	7	0	0	1	4	7	0	251
08:30	0	10	119	1	0	0	10	3	8	0	0	3	54	6	0	0	3	0	12	0	229
08:45	0	9	125	1	0	0	27	3	4	0	0	3	54	7	0	0	3	7	10	0	253
Total	0	43	482	4	0	0	82	15	34	0	0	13	222	24	1	0	9	20	40	0	989
09:00	0	15	87	1	0	0	16	3	6	0	0	5	72	3	0	0	1	4	9	0	222
09:15	0	16	114	1	0	0	16	2	9	0	0	3	60	14	0	0	1	4	10	0	250
**** BREAK ****	0	31	201	2	0	0	32	5	15	0	0	8	132	17	0	0	2	8	19	0	472
**** BREAK ****	0	10	97	0	0	0	5	1	7	0	1	6	48	4	0	0	0	1	5	0	185
10:30	0	9	82	2	0	0	16	1	8	0	0	3	52	12	0	0	3	3	8	0	199
Total	0	19	179	2	0	0	21	2	15	0	1	9	100	16	0	0	3	4	13	0	384
11:00	0	1	78	1	0	0	8	2	10	0	0	8	85	2	0	0	1	4	9	0	209
11:15	1	12	84	0	0	0	10	0	11	0	0	4	86	6	0	0	1	2	9	0	226
11:30	0	7	88	2	0	0	7	3	8	0	0	7	92	6	0	0	1	1	2	0	224
11:45	0	10	77	1	0	0	16	7	22	1	0	6	77	12	0	0	3	2	3	0	237
Total	1	30	327	4	0	0	41	12	51	1	0	25	340	26	0	0	6	9	23	0	896
12:00	0	2	70	4	0	0	11	3	11	0	0	4	79	8	0	0	1	2	11	0	206
12:15	0	8	95	4	0	0	17	3	8	0	0	5	67	8	0	0	1	6	11	0	233
12:30	0	13	85	2	0	0	7	1	20	0	0	4	114	9	1	0	4	2	4	0	266
12:45	0	10	88	4	0	0	13	3	11	0	0	3	79	6	0	0	5	3	2	0	227
Total	0	33	338	14	0	0	48	10	50	0	0	16	339	31	1	0	11	13	28	0	932
13:00	0	15	68	6	0	0	9	1	19	0	0	5	81	15	1	0	2	1	9	0	232
13:15	0	2	54	2	0	0	10	1	8	0	0	6	71	10	0	0	1	1	3	0	169
**** BREAK ****	0	17	122	8	0	0	19	2	27	0	0	11	152	25	1	0	3	2	12	0	401
**** BREAK ****	0	7	76	4	0	0	26	3	18	1	0	2	129	27	0	0	4	7	3	0	307
14:30	1	11	97	2	0	0	20	3	18	0	0	8	122	14	0	0	2	0	7	0	305
Total	1	18	173	6	0	0	46	6	36	1	0	10	251	41	0	0	6	7	10	0	612
15:00	0	7	97	2	0	0	14	6	15	0	0	8	142	20	1	0	0	5	10	0	327
15:15	0	7	70	0	0	0	20	6	21	0	0	7	136	23	0	0	3	7	6	0	306
15:30	0	18	107	1	0	0	16	6	17	0	0	5	144	14	0	0	2	3	4	0	337
15:45	0	10	84	1	0	0	14	4	25	0	0	12	146	21	0	0	3	4	4	0	328
Total	0	42	358	4	0	0	64	22	78	0	0	32	568	78	1	0	8	19	24	0	1298
16:00	0	14	107	1	0	0	21	3	19	0	1	10	148	19	0	0	6	4	13	0	366

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 Site Code : 21
 Start Date : 11/14/2012
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	TH-61 Southbound					Co.Rd. J 120th St. Westbound					TH-61 Northbound					Co.Rd. J 120th St. 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	14	93	0	0	0	18	2	20	0	0	11	163	19	0	0	2	10	4	0	356
16:30	0	13	114	4	0	0	19	5	20	0	0	13	206	18	1	0	7	3	8	0	431
16:45	0	11	113	1	0	0	17	4	29	0	0	13	176	20	0	0	2	4	10	0	400
Total	0	52	427	6	0	0	75	14	88	0	1	47	693	76	1	0	17	21	35	0	1553
17:00	0	8	121	6	0	0	20	4	28	0	0	9	210	19	0	0	3	2	12	0	442
17:15	0	18	105	1	0	0	13	3	25	0	0	7	161	17	0	0	2	7	14	0	373
17:30	0	8	90	0	0	0	22	2	20	0	0	19	153	14	0	0	0	4	8	0	340
17:45	0	14	110	1	0	0	14	5	18	0	0	9	147	15	0	0	2	0	11	0	346
Total	0	48	426	8	0	0	69	14	91	0	0	44	671	65	0	0	7	13	45	0	1501
18:00	0	11	107	5	0	0	19	3	10	0	0	14	144	14	0	0	3	3	7	0	340
18:15	0	7	77	1	0	0	21	1	11	0	0	4	121	17	0	0	2	3	7	0	272
Grand Total	2	478	4723	72	0	8	804	113	583	2	2	262	4085	467	9	0	93	157	395	0	12255
Apprch %	0	9.1	89.5	1.4	0	0.5	53.2	7.5	38.6	0.1	0	5.4	84.7	9.7	0.2	0	14.4	24.3	61.2	0	
Total %	0	3.9	38.5	0.6	0	0.1	6.6	0.9	4.8	0	0	2.1	33.3	3.8	0.1	0	0.8	1.3	3.2	0	
Cars	2	443	4519	69	0	8	720	103	541	0	1	249	3915	432	7	0	91	143	387	0	11630
% Cars	100	92.7	95.7	95.8	0	100	89.6	91.2	92.8	0	50	95	95.8	92.5	77.8	0	97.8	91.1	98	0	94.9
Trucks	0	35	204	3	0	0	84	10	42	2	1	13	170	35	2	0	2	14	8	0	625
% Trucks	0	7.3	4.3	4.2	0	0	10.4	8.8	7.2	100	50	5	4.2	7.5	22.2	0	2.2	8.9	2	0	5.1

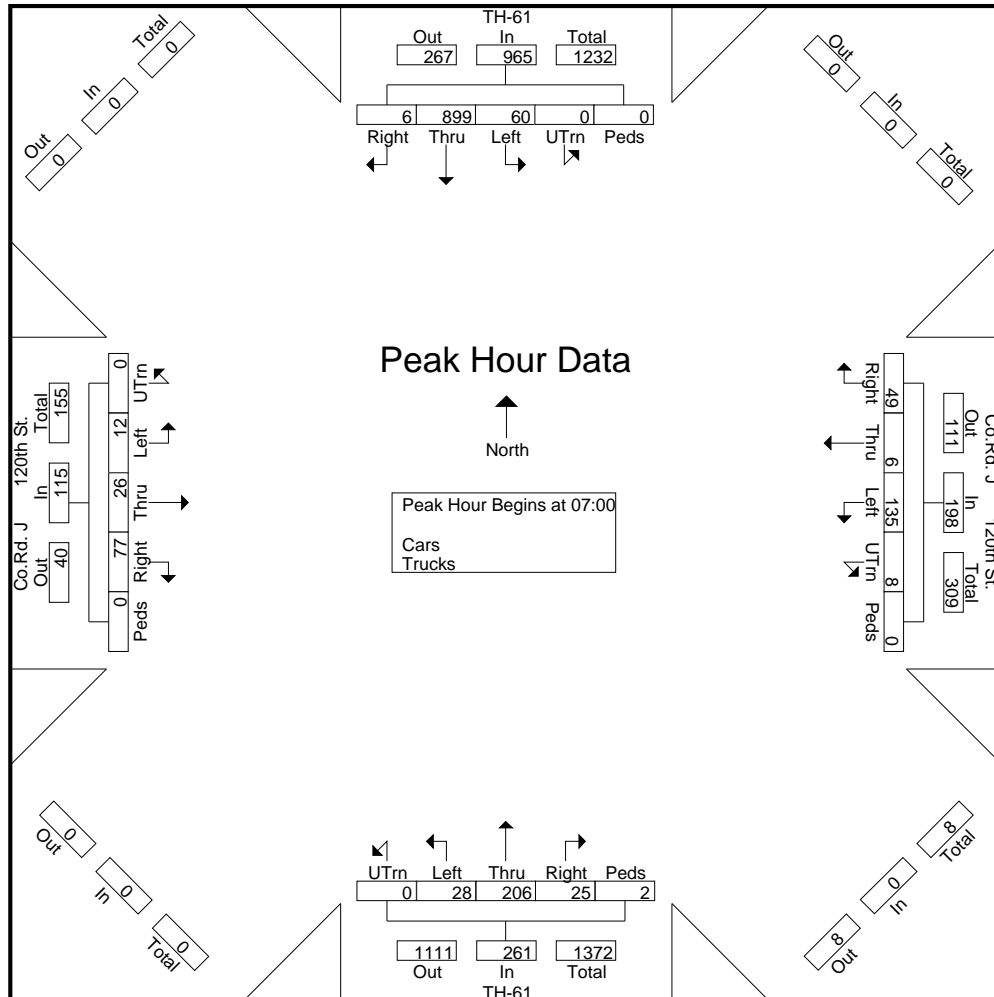
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Start Time	TH-61 Southbound						Co.Rd. J 120th St. Westbound						TH-61 Northbound						Co.Rd. J 120th St. Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
07:00	0	15	24	0	0	256	0	39	1	9	0	49	0	1	37	7	2	47	0	0	5	16	0	21	373
07:15	0	19	256	3	0	278	8	39	2	13	0	62	0	1	60	7	0	68	0	4	9	27	0	40	448
07:30	0	14	213	1	0	228	0	27	1	17	0	45	0	0	49	5	0	54	0	5	9	22	0	36	363
07:45	0	12	189	2	0	203	0	30	2	10	0	42	0	26	60	6	0	92	0	3	3	12	0	18	355
Total Volume	0	60	899	6	0	965	8	135	6	49	0	198	0	28	206	25	2	261	0	12	26	77	0	115	1539
% App. Total	0	6.2	93.2	0.6	0		4	68.2	3	24.7	0		0	10.7	78.9	9.6	0.8		0	10.4	22.6	67	0		
PHF	.000	.789	.878	.500	.000	.868	.250	.865	.750	.721	.000	.798	.000	.269	.858	.893	.250	.709	.000	.600	.722	.713	.000	.719	.859

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:00



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 Page No : 4

Start Time	TH-61 Southbound						Co.Rd. J 120th St. Westbound						TH-61 Northbound						Co.Rd. J 120th St. 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	13	114	4	0	131	0	19	5	20	0	44	0	13	206	18	1	238	0	7	3	8	0	18	431
16:45	0	11	113	1	0	125	0	17	4	29	0	50	0	13	176	20	0	209	0	2	4	10	0	16	400
17:00	0	8	121	6	0	135	0	20	4	28	0	52	0	9	210	19	0	238	0	3	2	12	0	17	442
17:15	0	18	105	1	0	124	0	13	3	25	0	41	0	7	161	17	0	185	0	2	7	14	0	23	373
Total Volume	0	50	453	12	0	515	0	69	16	102	0	187	0	42	753	74	1	870	0	14	16	44	0	74	1646
% App. Total	0	9.7	88	2.3	0		0	36.9	8.6	54.5	0		0	4.8	86.6	8.5	0.1		0	18.9	21.6	59.5	0		
PHF	.000	.694	.936	.500	.000	.954	.000	.863	.800	.879	.000	.899	.000	.808	.896	.925	.250	.914	.000	.500	.571	.786	.000	.804	.931

