

Alliant Engineering Inc Minneapolis, MN 55415

TH-169 at Highwood Dr - Townline Ave
Ref.Pt.: 121.547
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 31_TH 169 at Highwood Dr-Town Lane Ave_030310
Site Code : 00000031
Start Date : 3/3/2010
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH-169 Southbound				Highwood Dr Westbound				Townline Ave (TH-169) Northbound				Townline Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	0	0	0	0	0	0	0	5	599	7	0	0	0	0	0	611
06:15	0	0	0	0	0	0	0	0	7	763	13	0	1	2	0	0	786
06:30	0	0	0	0	0	0	0	0	13	774	2	0	2	0	0	0	791
06:45	4	343	42	0	4	14	35	0	15	821	6	1	1	6	2	0	1294
Total	4	343	42	0	4	14	35	0	40	2957	28	1	4	8	2	0	3482
07:00	5	336	16	0	4	2	71	0	16	817	10	0	1	3	4	0	1285
07:15	8	401	42	0	6	6	67	0	10	803	8	0	1	3	3	0	1358
07:30	15	402	27	0	0	6	59	0	16	771	2	0	3	8	6	0	1315
07:45	25	383	30	1	5	15	58	0	12	755	7	0	0	13	7	0	1311
Total	53	1522	115	1	15	29	255	0	54	3146	27	0	5	27	20	0	5269
08:00	18	324	15	1	2	8	55	0	6	776	5	0	3	8	7	0	1228
08:15	16	346	31	0	3	12	48	0	17	779	3	0	2	6	5	0	1268
08:30	17	416	17	0	3	8	34	0	12	746	4	0	4	3	3	0	1267
08:45	14	354	14	0	2	7	41	0	14	755	16	0	1	3	3	0	1224
Total	65	1440	77	1	10	35	178	0	49	3056	28	0	10	20	18	0	4987
09:00	9	300	14	0	2	4	39	0	11	669	10	0	1	9	5	0	1073
09:15	8	353	16	0	0	9	17	0	11	530	11	0	3	2	3	0	963
*** BREAK ***																	
Total	17	653	30	0	2	13	56	0	22	1199	21	0	4	11	8	0	2036
*** BREAK ***																	
10:30	14	391	3	0	5	11	14	0	17	429	5	0	1	6	1	0	897
10:45	17	381	10	0	4	7	18	0	11	406	13	0	2	7	1	0	877
Total	31	772	13	0	9	18	32	0	28	835	18	0	3	13	2	0	1774
11:00	14	404	14	0	6	9	29	0	21	417	5	0	2	4	5	0	930
11:15	12	415	11	0	7	12	27	0	10	408	6	0	1	9	6	0	924
11:30	13	388	14	0	9	14	15	0	16	439	4	0	5	5	9	0	931
11:45	20	484	8	0	3	16	19	0	15	443	2	0	4	13	8	0	1035
Total	59	1691	47	0	25	51	90	0	62	1707	17	0	12	31	28	0	3820
12:00	5	482	10	0	19	12	19	0	17	400	7	0	1	14	7	0	993
12:15	15	497	16	0	5	9	19	0	17	466	6	0	8	10	10	0	1078
12:30	10	457	12	0	11	16	20	0	17	458	5	0	3	11	7	0	1027
12:45	14	477	6	0	8	7	21	0	14	425	9	0	1	16	5	0	1003
Total	44	1913	44	0	43	44	79	0	65	1749	27	0	13	51	29	0	4101
13:00	9	501	6	0	3	13	17	0	18	382	67	0	2	9	4	0	1031
13:15	19	553	11	0	11	8	31	0	5	487	3	0	5	13	7	0	1153
*** BREAK ***																	
Total	28	1054	17	0	14	21	48	0	23	869	70	0	7	22	11	0	2184
*** BREAK ***																	
14:30	8	631	7	0	9	16	34	0	2	528	3	0	8	11	17	0	1274
14:45	12	652	8	0	9	7	26	0	11	458	9	0	3	7	4	0	1206
Total	20	1283	15	0	18	23	60	0	13	986	12	0	11	18	21	0	2480
15:00	6	724	7	0	20	16	34	0	3	456	6	0	5	5	22	0	1304
15:15	11	746	3	0	18	11	12	0	7	430	14	0	5	13	25	0	1295
15:30	7	738	7	0	33	20	22	0	6	512	4	0	7	15	59	0	1430
15:45	9	742	6	0	28	17	32	0	5	429	6	0	3	15	46	0	1338
Total	33	2950	23	0	99	64	100	0	21	1827	30	0	20	48	152	0	5367

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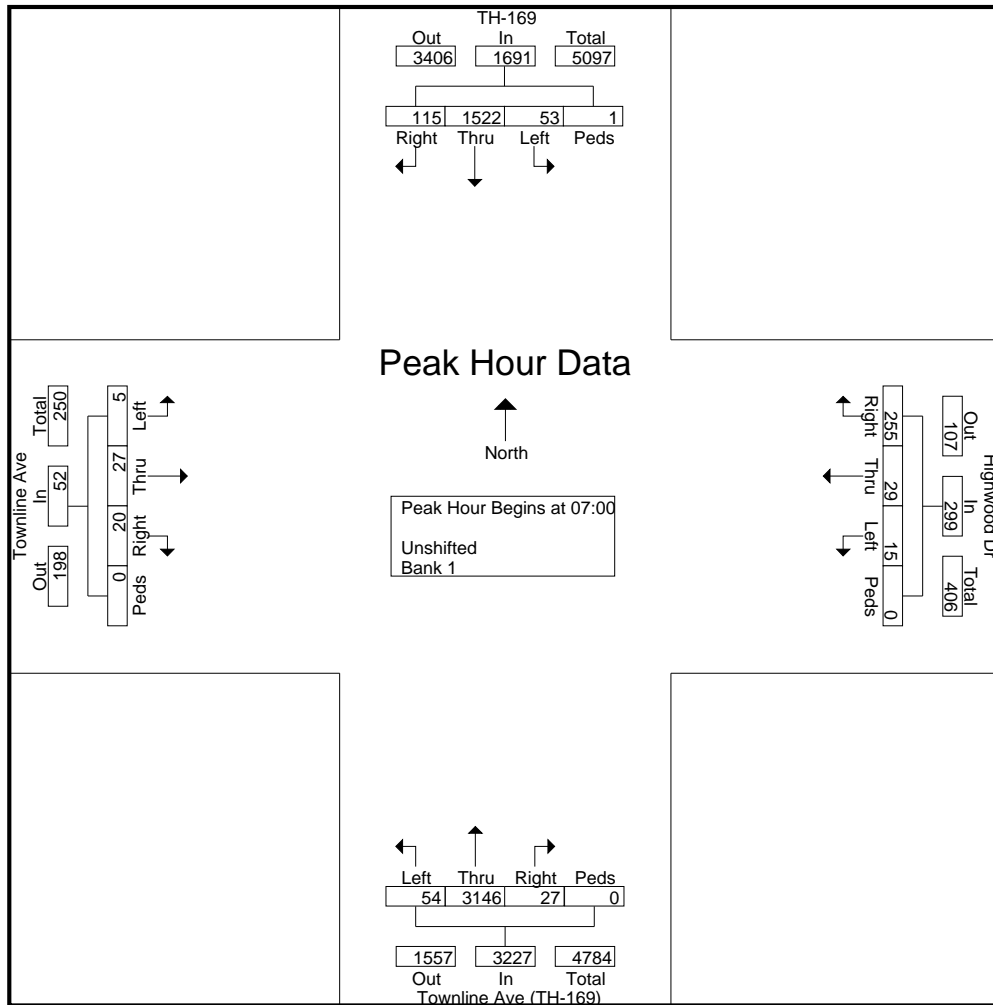
Start Time	TH-169 Southbound				Highwood Dr Westbound				Townline Ave (TH-169) Northbound				Townline Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	6	714	5	0	61	16	27	0	5	504	22	0	0	18	73	0	1451
16:15	3	722	7	0	66	18	21	0	8	511	9	0	5	15	59	0	1444
16:30	4	696	8	0	65	15	27	0	8	545	9	0	2	17	89	0	1485
16:45	4	700	4	0	53	15	21	0	16	490	11	0	5	22	90	0	1431
Total	17	2832	24	0	245	64	96	0	37	2050	51	0	12	72	311	0	5811
17:00	6	689	6	0	61	20	20	0	10	545	8	0	1	29	108	0	1503
17:15	5	678	8	0	72	20	22	0	9	553	14	0	3	26	111	0	1521
17:30	4	746	5	0	42	17	29	0	9	471	10	0	2	30	109	1	1475
17:45	10	734	8	0	33	9	23	0	10	423	13	0	2	13	48	0	1326
Total	25	2847	27	0	208	66	94	0	38	1992	45	0	8	98	376	1	5825
Grand Total	396	19300	474	2	692	442	1123	0	452	22373	374	1	109	419	978	1	47136
Apprch %	2	95.7	2.3	0	30.7	19.6	49.8	0	1.9	96.4	1.6	0	7.2	27.8	64.9	0.1	
Total %	0.8	40.9	1	0	1.5	0.9	2.4	0	1	47.5	0.8	0	0.2	0.9	2.1	0	
Unshifted	393	18754	463	2	685	437	1115	0	451	21472	366	0	104	411	972	1	45626
% Unshifted	99.2	97.2	97.7	100	99	98.9	99.3	0	99.8	96	97.9	0	95.4	98.1	99.4	100	96.8
Bank 1	3	546	11	0	7	5	8	0	1	901	8	1	5	8	6	0	1510
% Bank 1	0.8	2.8	2.3	0	1	1.1	0.7	0	0.2	4	2.1	100	4.6	1.9	0.6	0	3.2

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	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	5	336	16	0	357	4	2	71	0	77	16	817	10	0	843	1	3	4	0	8	1285
07:15	8	401	42	0	451	6	6	67	0	79	10	803	8	0	821	1	3	3	0	7	1358
07:30	15	402	27	0	444	0	6	59	0	65	16	771	2	0	789	3	8	6	0	17	1315
07:45	25	383	30	1	439	5	15	58	0	78	12	755	7	0	774	0	13	7	0	20	1311
Total Volume	53	1522	115	1	1691	15	29	255	0	299	54	3146	27	0	3227	5	27	20	0	52	5269
% App. Total	3.1	90	6.8	0.1		5	9.7	85.3	0		1.7	97.5	0.8	0		9.6	51.9	38.5	0		
PHF	.530	.947	.685	.250	.937	.625	.483	.898	.000	.946	.844	.963	.675	.000	.957	.417	.519	.714	.000	.650	.970



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Start Time	TH-169 Southbound					Highwood Dr Westbound					Townline Ave (TH-169) Northbound					Townline 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 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	4	696	8	0	708	65	15	27	0	107	8	545	9	0	562	2	17	89	0	108	1485
16:45	4	700	4	0	708	53	15	21	0	89	16	490	11	0	517	5	22	90	0	117	1431
17:00	6	689	6	0	701	61	20	20	0	101	10	545	8	0	563	1	29	108	0	138	1503
17:15	5	678	8	0	691	72	20	22	0	114	9	553	14	0	576	3	26	111	0	140	1521
Total Volume	19	2763	26	0	2808	251	70	90	0	411	43	2133	42	0	2218	11	94	398	0	503	5940
% App. Total	0.7	98.4	0.9	0		61.1	17	21.9	0		1.9	96.2	1.9	0		2.2	18.7	79.1	0		
PHF	.792	.987	.813	.000	.992	.872	.875	.833	.000	.901	.672	.964	.750	.000	.963	.550	.810	.896	.000	.898	.976

